Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 1: Assessment Report and Appendices A – B

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

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Northern Tiger Resources Inc.

March 31, 2012

Summary

The 3Ace Property is located in southeast Yukon Territory. The company optioned the property from Mr. Alex McMillan in 2010 and has since been the operator. The property was first staked by Hudson Bay Mining and Development in 1997. Little work has been completed on the property since Hudson Bay returned the property and it has only been since 2010 that bonanza grade gold mineralization has recognized on the property.

The 3Ace Property is located in the Selwyn Basin; a lenticular belt of sedimentary rocks that extends across the Yukon. The property is underlain by interbedded clastic and carbonate sedimentary rocks of the Hyland Group, the basal unit of the Selwyn Basin. The stratigraphic sequence is assigned to the Yusezyu and Narchilla formations; although recent regional mapping suggests a distinct package of calcareous sedimentary rocks occurrs between the two classic formations of the Hyland Group. Polyphase fold and fault systems overprint the stratigraphy, structurally preparing the rocks for later hydrothermal fluids and acting as pathways for the mineralizing fluids. Sulphide (i.e., pyrite and arsenopyrite) and associated gold mineralization occurs along late, brittle faults formed within an extensional step-over zone between two regional dextral trans-extensional faults. Mineralised hydrothermal fluids migrated through these faults during late phases of brittle fault displacement. Gold mineralization on the property is associated with extensive argillic, iron carbonate, and limonitic alteration zones that broadly overprint the stratigraphy and early structural fabrics.

Northern Tiger Resources completed a large exploration program during 2011. The program was comprised of silt sampling, soil sampling, prospecting, airborne geophysics and diamond drilling. A total of 423 silt samples were collected from all the drainages on the property. Eleven new Au anomalies were identified by this survey. The 2010 soil grids were expanded to cover the central portion of the property between the Main, Green, and Sleeping Giant zones. A total of 4295 soil samples were collected on the expanded grid. Several new Au-in-soil anomalies were identified: the Green Zone East, the newly discovered Kaiser Trend, and a prominent anomaly east of the Main Zone, at the edge of the grid. The prospecting program collected 598 rock samples across the property. A total of 26 samples returned assays greater than 1.0 g/t Au and several samples were above 10 g/t Au, including the highest grade sample of 34.2 g/t from the Sugar Bowl Prospect on the Sprogge claims. Multi-gram samples were also collected in the vicinity of several silt anomalies. The airborne geophysics survey was hampered by poor weather and strong solar magnetic activity. The most extensive dataset was collected from the northernmost portion of the property, but is poor quality. A total of 8,458 m of diamond drilling was completed on the Main, Green, and North Zones. Two holes were also drilled at the Road Showing. Anomalous gold was intersected at all the zones, but the only significant intersections were at the Main Zone. The Main Zone was extended along strike to the north by 200 m and 225 m down dip. Broad, 10 m plus, Au+arsenopyrite+pyrite mineralized zones were intersected on each drill fence and visible gold was observed in several of the holes. The highest grade sample was 106.2 g/t Au over 1.0. The full results are presented in section 13.1. The drill program verified the presence of high-grade gold at the Main Zone and demonstrated the size of the zone. The Main Zone is a high priority exploration target for the 2012 exploration season.

The 3Ace quartz claim package was grouped in September, 2011 and two claim groups were created: the North Claim Group and South Claim Group; assessment requirements on the claim groups totaled $143, 200 and $298,400, respectively. Northern Tiger Resources expended $155,152 on the North Claim Group and $1,667,043 on the South Claim Group. The total exploration expenditure prior to September 29, 2011 was $1,822,195. These expenditures are sufficient to meet the minimum required assessment and the excess expenditure allows the claims to be carried in good standing for an additional four years.

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1.0 Introduction

The 3Ace Property is located in southeastern Yukon at the confluence of the Hyland and Little Hyland Rivers (Figure 1). The property was optioned from Mr. Alex McMillan in the spring of 2010. Northern Tiger Resources Inc. has operated the property since June, 2010.

In 2011 Northern Tiger Resources Inc. complete an extensive mineral exploration program designed to evaluate the extensive claim package for economic gold mineralisation. The program was comprised of regional silt sampling, soil sampling in prospective areas, prospecting, and diamond drilling. A total of 423 silt samples, 4295 soil samples, 598 rock samples were collected from the property. An additional 8,458 m of diamond drilling was completed at four previously identified zones on the property. The intention of the program was to identify new exploration targets in the region and evaluate high priority targets identified in the 2010 program, particularly the Main and Green zones.

A total exploration expenditure of $1,822,195 was incurred on the 3Ace Property in 2011. The claims were grouped into a large South Claim Group and a smaller North Claim Group to facilitate the distribution of exploration expenditures across the claim package. The exploration expenditure on the North Claim Group was $155,152 and the expenditure on the South Claim Group was $1,667,043. The exploration expenditure on both claim groups exceeds the required assessment expenditure for 2011.

The results of the 2011 exploration program and associated expenditures are presented in this report.

2.0 Disclaimer

This report is based upon information available at the time of preparation. It is believed that the information, interpretations, and estimates contained herein are reliable under the conditions and subject to the qualifications set forth. All information contained within the report has been garnered from studies prepared and written by qualified persons, as cited in the references (see Section 15).

3.0 Data Conventions and Protocols

The data presented in this report adheres to several standard geological conventions and protocols for data collection and presentation.

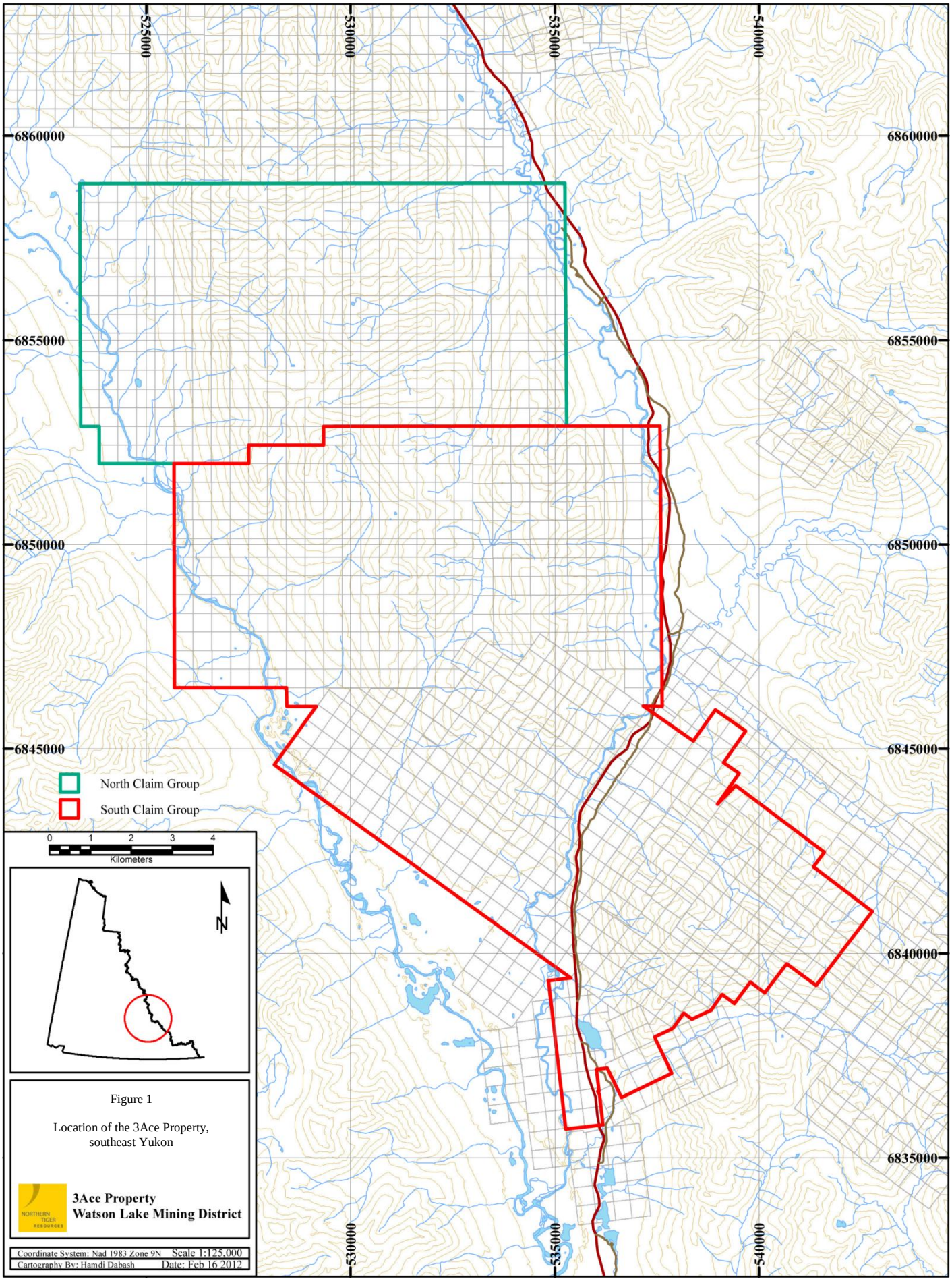


Figure 1

Location of the 3Ace Property, southeast Yukon

All of the sample co-ordinates and the most of the accompanying maps are projected using the UTM NAD83, Zone 9 projection. Any co-ordinates presented in the main body or appendices of the report will adhere to this protocol. The inset map in Figure 1 and Figure 3 are the only exceptions, because these maps show the entire Yukon Territory they are projected using the Lat\Long, WGS84 datum.

Structural data is presented in this report using the following conventions: planes are presented as strike\dip in right-hand rule notation (i.e., xxx/xx) and lines are presented as plunge-trend (i.e., xx-xxx). However, data was collected in dip-direction \dip notation. Structural measurements are recorded in the field notes and stored in the accompanying database using this alternative notation.

The magnetic declination used during this project was 23^{o} east. This declination value was obtained from the NRCAN website (i.e., http://geomag.nrcan.gc.ca/apps/mdcal-eng.php) on July 10, 2011.

It should also be noted that references to the geological time scale in this report are made in accordance to the most recent time scale published by The Geological Society of America (Walker and Geissman, 2009).

4.0 Location and Access

The 3Ace Property is located in the Selwyn Range, southwestern Yukon (Figure 1 inset). The property is located on NTS map sheet 105H/09 and 105H/16, between the Hyland and Little Hyland rivers. The central portion of the property is located approximately 187 kilometres north-northeast of Watson Lake, YT and 380 kilometres northeast of Whitehorse, YT (i.e., 533700E, 6843800N).

Access to the property is provided by the Nahanni Range Road (Rd# 10) via the Robert Campbell Highway (Rd# 4) from either Watson Lake, YT or Ross River, YT. A small roadside clearing, approximately 140 kilometres north of the Tuchitua, YT junction, is located at the eastern edge of the property, providing a convenient staging area to mobilise into the 3Ace Property. Although the property has been accessed from the road by hiking, the Little Hyland River poses a significant obstacle and hazard and helicopter support is necessary for significant exploration programs. Northern Tiger Resources mobilised field and drill crews using a helicopter based at the 3Ace Camp located at km 135 on the Nahanni Range Road. Trans-North Helicopters maintains year-

round bases in Watson Lake, YT and Ross River, YT which can be used for off-season access to the property.

Anomalous gold has been identified at four primary locations on the property: the Main Zone, Green Zone West, Sleeping Giant, and Road Showing are the four primary prospects on the 3Ace Property (Figure 2). Figure 2 also shows the locations of the Green Zone East, Main Zone West, and Kaiser Anomaly showings. These areas have been identified through prospecting and/or Au-in-soil anomalies and represent large areas prospective geology coincident with the soil anomalies. Each of the indicated showings is a high-priority exploration target for the 2012 exploration program.

5.0 Physiography

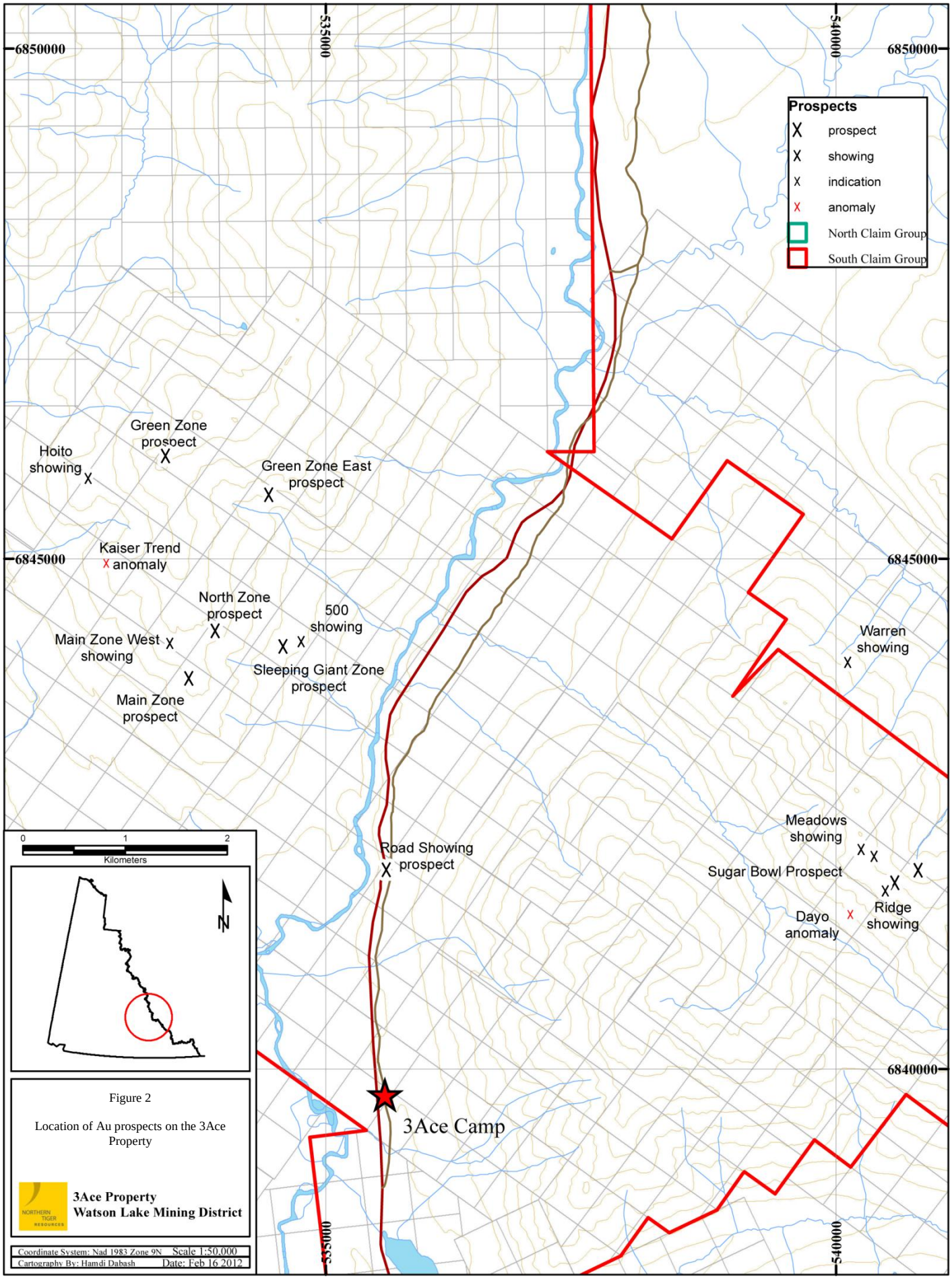
The 3Ace Property occurs in an area of moderate to rugged terrain directly north of the confluence of the Hyland and Little Hyland Rivers, with elevations ranging from 940 to 2,100 metres. The property is covered by coniferous forest to about 1,500m, and by tundra vegetation to 1,800m, with scattered taiga to 1,650m. White and black spruce forest covers lower elevations, and subalpine fir covers higher forested elevations. There are no permanent snowfields within the claim groups.

Outcrop is fairly abundant above tree line, particularly along ridge lines and areas above 1,800m in elevation. Outcrop is sparse towards the floor of the Little Hyland River valley, although scattered exposures exist along valley walls. Much of the mid to higher elevations are covered by rubblecrop and talus.

The 3Ace Property has a northern alpine climate, with cool summers and very cold winters. Daily high temperatures in July average 15^{o}C, with variation depending on elevation; daily highs in January average -20^{o}C, although temperatures as low as -50^{o}C have been recorded. Precipitation is moderate, although higher than most other areas of Yukon. Snowfall levels average about 1.5 metres by mid-March. The field season extends from late June to mid-September, although diamond drilling may continue into early winter.

6.0 Regional Geology

Located in the southeast Yukon Territory, the 3Ace Property is situated along the edge of the ancient North American continental shelf in the clastic sedimentary rocks of the Selwyn Basin (Gordey and Anderson, 1993). The Selwyn Basin is a long, narrow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Prospects
prospect
showing
indication
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North Claim Group
South Claim Group
Green Zone prospect
Hoito showing
Green Zone East prospect
Kaiser Trend anomaly
North Zone prospect
500 showing
Main Zone West showing
Sleeping Giant Zone prospect
Main Zone prospect
Warren showing
Meadows showing
Road Showing prospect
Sugar Bowl Prospect
Ridge showing
Dayo anomaly
3Ace Camp
0
1
2
Kilometers
N
Figure 2
Location of Au prospects on the 3Ace Property
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N
Scale 1:50,000
Cartography By: Hamdi Dabash
Date: Feb 16 2012

belt that extends across much of the south-eastern and central portions of the Yukon. The succession of sedimentary rocks record the progressive infilling of primarily Neoproterozoic to Devonian-aged rift basins formed along the margin of Ancient North America

The oldest component of the Selwyn Basin stratigraphy is the late Neoproterozoic to Early Cambrian Hyland Group. The Hyland Group is sub-divided into the Yusezyu and Narchilla formations (Roots et al., 1966; Gordey and Anderson, 1993). The Yusezyu Formation consists of coarse-grained conglomerate and arkosic sandstone packages interbedded with thick black phyllite. Locally, green shale and ribbon-bedded limestones occur as lesser components of the formation and thick limestone units have been documented near the top of the Yusezyu Formation (Gordey and Anderson, 1993; Hart and Lewis, 2006) . The Narchilla Formation overlies the Yusezyu Formation and consists of thick sequences of maroon, green, and black shale interbedded with variable proportions of limestone and calcareous sandstone units. The contact between the formations is tectonized in the area, but regionally the stratigraphic contact is gradational (Gordey and Anderson, 1993). Sedimentary rocks similar to the Hyland Group occur along the strike-length of Ancient North America in the Yukon and British Columbia, comprising the Windermere Supergroup (Goodfellow, 2007).

Recent mapping in support of mineral exploration programs in the region has recognized that the calcareous sedimentary rocks underlying a large portion of the area, including the northern and southern claim blocks, are a regionally mappable unit that is distinct from the Yusezyu Formation (Buchanan, 2010). The unit is comprised of a succession of calcareous phyllite, calcareous arkosic sandstone, thin-bedded calcareous siltstone, ribbon-bedded limestone, thick-bedded non-calcareous quartz pebble conglomerate, and locally limestone cobble to boulder breccias. Figure 3 is a district scale geological map that depicts the currently mapped extent of this proposed unit. Colpron (2012) has mapped and described the Algae Lake formation, a lithologically similar unit in the northwestern extent of the Hyland Group that is stratigraphically between the Yusezyu and Narchilla formations. This correlation is tentative, but due to the lithological similarity and spatial relationship to Yusezyu Formation rocks it is

hypothesised that the calcareous stratigraphic succession is possibly a lateral equivalent to the Algae Lake formation (M. Colpron, P.Comm.).

This portion of the Selwyn Basin has a prolonged and complex tectonic history. The entire Selwyn Basin experienced multiple extensional events throughout the Paleozoic Era that affected Devonian and Mississippian stratigraphy in the upper portions of the basin. These early tectonic events play a significant role in the formation of several base-metal rich SEDEX deposits in the basin. During the Cretaceous the basin experienced compressional deformation that initially thrust portions of the Selwyn Basin onto the Ancient North American margin. These events are recorded as a first generation, easterly- to northeasterly-verging recumbent fold system. As the orogen progressed, through-going, crustal scale transpressional fault systems developed that define the tectonic architecture of the northern Cordillera. Two such faults are present in the vicinity of the 3Ace and Sprogge properties, the March and Hyland Valley faults (Figure 3). Displacement on both faults is interpreted to be dextral (S. Craggs, P.Comm.), which is consistent with the apparent strike separation of stratigraphy along the fault system. The March Fault (MF) is difficult to trace southeast of the Sprogge Property and it is hypothesized that displacement along this fault is transferred to the Hyland Valley Fault (HVF) through an extensional step-over zone. The Little Hyland Fault (LHF) is interpreted to be a first-order normal fault that developed to accommodate extension within the step-over zone (Figure 3). The significance of these regional scale structures is the deeply rooted nature of the Highland Valley and March faults combined with the extensional step-over zone. The crustal scale nature of these faults provides a source for mineralised hydrothermal fluids and magma. Additionally, the large extensional zone within the fault system provides abundant pathways and a mechanism for the hydrothermal fluids to ascend to upper crustal levels.

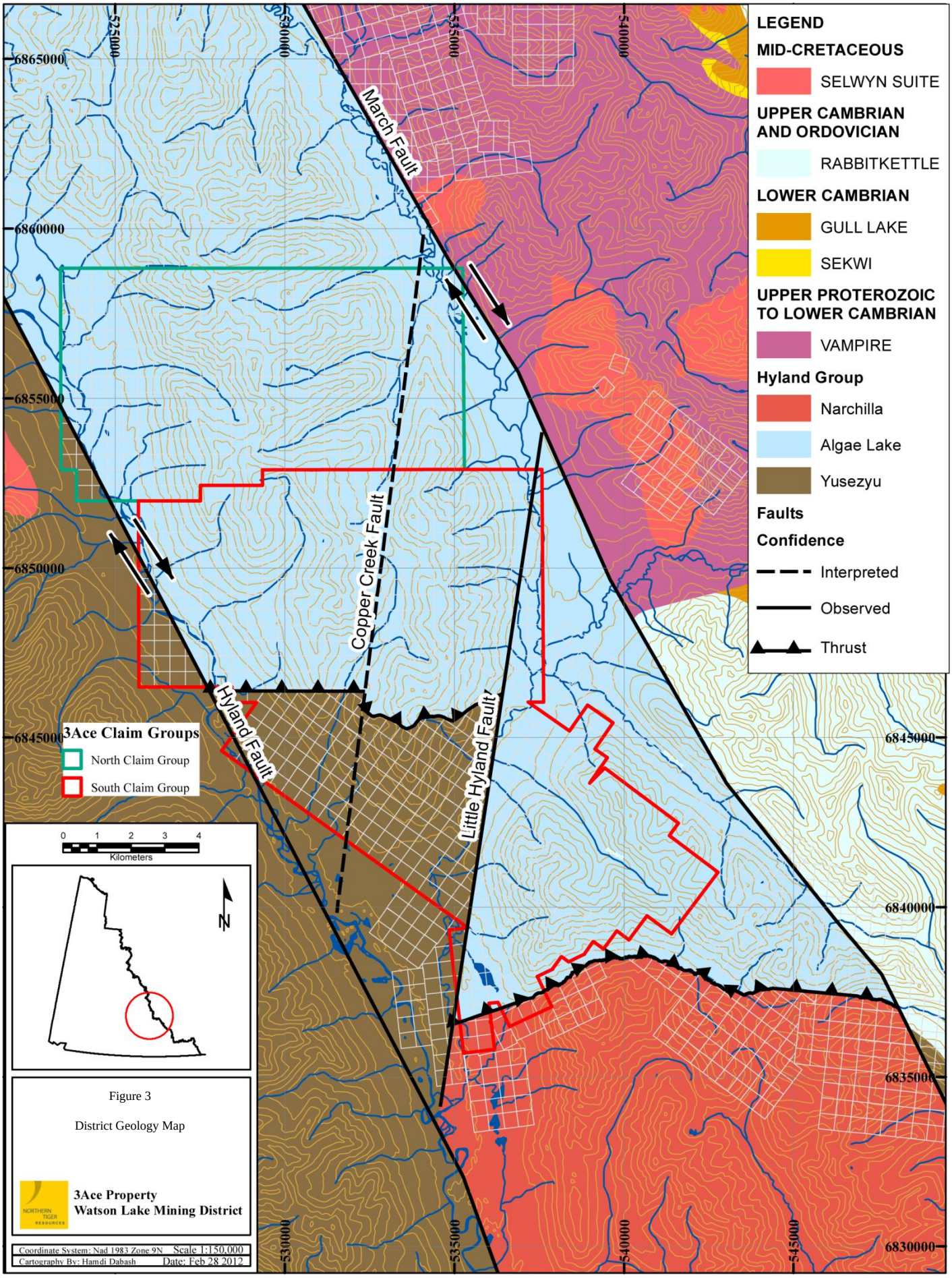
LEGEND
MID-CRETACEOUS
SELWYN SUITE
UPPER CAMBRIAN AND ORDOVICIAN
RABBITKETTLE
LOWER CAMBRIAN
GULL LAKE
SEKWI
UPPER PROTEROZOIC TO LOWER CAMBRIAN
VAMPIRE
Hyland Group
Narchilla
Algae Lake
Yusezyu
Faults
Confidence
Interpreted
Observed
Thrust
March Fault
Copper Creek Fault
Hyland Fault
Little Hyland Fault
3Ace Claim Groups
North Claim Group
South Claim Group
0 1 2 3 4
Kilometers
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Figure 3
District Geology Map
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N
Scale 1:150,000
Cartography By: Hamdi Dabash
Date: Feb 28 2012
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7.0 Previous Work History

Table 1 Summary of previous exploration on the 3Ace Property

Year	Company	Reference	Description
1964-1990	Norquest Joint Venture, Conquest Exploration Ltd., Vista Resource Company	Yukon MINFILE, 2010	The earliest exploration in the present 3ACE area occurred in 1964 when the Norquest Joint Venture staked the RAIN 1-6 claims about 14 kilometres southwest of the Kilometre 138 campsite. The Norquest JV conducted geological mapping in 1965. The RAIN block was restaked as the SUN 1-8 claims in 1980, and sold to Conquest Exploration Ltd. In 1987 the Vista Resource Company optioned the property, conducted surface magnetometer surveying and geological mapping, and followed with a 4-hole, 389-metre diamond drilling program targeting copper-gold skarn mineralization. These claims eventually lapsed and were subsequently staked by Hemlo Gold Mines Inc. as the Justin claims. The Justin claims are currently held by Eagle Plains Resources Corp.
1996	Hemlo Gold Mines Inc. Battle Mountain Canada Ltd.	(Bidwell and Schulze, 1996)	Geological mapping and prospecting on the Sprogge Property identified quartz-scorodite-arsenopyrite vein systems, referred to as the Meadow Zone. A 900m X 600 m Au-As-Bi soil anomaly was also delineated over the area, particularly along the southern ridge line and is identified as the Ridge Zone. A number of secondary showings were identified within the main zones, including: the Meadow, Matilda, Shela, and Swagman Zones. The mineralisation, quartz veins are hosted by arkosic and quartzose sandstones and quartz pebble conglomerate of the Neoproterozoic Hyland Group. The Hyland Gp. rocks exhibit varying intensities of iron carbonate, limonitic, and argillic hydrothermal alteration. A total of 186 rock, 716 soil, and 11 stream sediment samples were collected during the initial recconaissance program. Gold values from grab and chip samples range from below detection to 21.87 g/t. Notable gold assays from the 1996 program include 6.9 g/t over 12.0 m in outcrop, 1.89 g/t over 10 m, 6.8 g/t over 1.5 and a grab sample that assayed 21.87 g/t. Previous, unreported sampling yielded a grab sample assay of 34 g/t from the Meadow Zone (Schulze, 1998). The rock samples and Au-As-Bi soil anomaly delineate a prospective area 1.5 km long and .6 km wide.
1997	Viceroy Resources Inc.	(Schulze, 1998)	Viceroy Resources Corp. optioned the Sprogge Property from Battle Mountain Canada Limited in April, 1997. The central cirque on the Sprogge 1-74 claims is referred to as the 'Sugar Bowl' by Schulze (1998), encompassing the Meadow and Ridge zones and the subsiduary showings. The 1997 exploration program focused on the Justin (i.e., Sun Showing), Snow, and Sprogge 75 -158 quartz claims, new claims staked to form a contiguous package between the Sugar Bowl and historical Sun Showing. Significant results fom the Sprogge 1-74 claims include a grab sample from the Warren Showing which assayed 1.8 g/t Au,149 g/t Ag, and 7.7% Pb. Limited trenching at the Meadows Zone yielded chip samples with Au values ranging from below detection to 1.38 g/t. However, numerous isolated outcrop hosted veins were identified up

Table 1 Summary of previous exploration on the 3Ace Property			
Year	**Company**	**Reference**	**Description**
			to 250 m along and across strike. These occurrences yielded assays ranging from below detection to 26.47 g/t. Further prospecting was recommended for the Sprogge 1-74 claims and the Meadows Zone was considered the highest priority target for diamond drilling.
1998	Viceroy Resources Inc.	(Scott, 1999)	The 1998 exploration program covered the entire claim Sprogge and Justin claim blocks. In the area covered by the Sprogge 1-74 claims the work consisted o geological mapping, soil sampling, and prospecting. A total of 2189 soil samples and 349 chip samples were collected in the area. Gold assays for the soils ranged from below dection to 1.4 g/t and the chip samples ranged from below detection to 32.9 g/t. The most signifcant chip sample was collected at the Sheila/KD showing and had an assay of 1.83 g/t over 2.0 m. The rock samples confirmed the presence of mineralisation at most of the main showings on the property. The extensive soil survey identified a 4 km long, northwest-trending Au-in-soil anomaly along the north side of the Dayo Creek valley. Au-in-soil concentrations within the anomaly range from 30 ppb to 875 ppb. Scott (1999) recommended trenching at the Sheila/KD showing and prospecting along the length of the Dayo Creek soil anomaly. Scott (1999) noted that previous exploration results could not be repeated at the Meadows and Maltida showings, two of the most significant showings at the Sugar Bowl Prospect. However, these showings are incorrectly located on the maps provided for assessment. It appears that the exploration program may not have effectively tested the targets at the Sugar Bowl Prospect.
1998	Hudson Bay Exploration & Development Co. Ltd.	(Buchanan, 1999)	Hudson Bay staked the HIT 1-129 claims in 1997 in response anomalous Au and As in the regional stream sediment survey released by the Department of Indian Affairs. In 1998 Hudson Bay conducted a soil survey across a large portion of the HIT claims to evaluate the area and generate exploration targets. A total of 1154 geochemical samples were collected over 47.5 km of grid and traverse lines, in which preliminary results outlined 8 areas with Au values ≥100 ppb. Gold mineralization was inferred to be loosely correlated with quartzites and grits, not shales and carbonates. Recommendations were made to complete a detailed geological and structural map across known mineralized areas, additional geochemistry to enlarge or close off existing anomalies, conduct geophysical surveys (IP or Mag) over areas of known mineralization, and to trench and sample existing targets and determined source of gold mineralization. AlexMacMillan staked the 3ACE 1-83 claims directly to the south in August to September 1998, and optioned them to Hudson Bay. Hudson Bay also staked the HAB 1-113 and HAT 1-20 claims to the northwest. The HIT, HAT, HAB, and 3ACE claims eventually formed a contiguous claim group between the Nahanni Range Road and the northern most HAT claims.

Table 1 Summary of previous exploration on the 3Ace Property			
Year	**Company**	**Reference**	**Description**
1999	Nova Gold Resources Ltd.	(Schulze and Johnson, 2000)	A small exploration program was completed on the Sprogge and Justin claims in 1999. A total of 13 rock samples were collected from the Sugar Bowl Prospect on the Sprogge 1-74 claims. The sampling focused on the Ridge showing, along the top of the Sugar Bowl cirques headwall. This zone of strongly oxidized quartz pebble conglomerate yielded gold concentrations ranging from below detection to 6.79 g/t. Although the Dayo soil anomaly is discussed by Schulze and Johnson (1999) it does not appear to have been evaluated by rock samples. Further exploration was recommended for 2000, including surface geochemical surveys and diamond drilling. Five to eight drillholes were recommended, but no specific targets were presented by the authors. It is unclear if the drilling was recommended for the Justin or Sprogge claims, or both prospects.
1999	Hudson Bay Exploration & Development Co. Ltd.	(Buchanan, 2000b; Buchanan, 2000a; Buchanan, 2000c)	A soil geochemistry and aeromagnetic survey (in conjunction with their HIT claims) was conducted over much of the 3Ace claims during the 1999 exploration program. A total of 653 soil samples were taken, which followed up anomalous gold and arsenic values in soils. Results from the geochemical survey indicated several strong gold-in soil anomalies throughout the property. Four of these anomalies were selected for a 4-hole, 600.1 metres diamond drill program. One, targeting the northernmost anomaly, returned a value of 4.506 g/t gold over 1.5m from a siltstone-shale layer overlying a large unit of greywacke to conglomerate, the latter returning anomalous gold and arsenic values. No significant values were returned from the other three holes. Two strong gold + arsenic ± lead values were also found in soil occurring in the northern portions of the claims but appear to close off in the south, and were heavily correlated with the aeromagnetic survey results. Both anomalies have gold and arsenic values up to 200 ppb Au and 500 ppm As. It was recommended that a detailed geological and structural map be completed around the areas of the soil anomalies, additional sampling (rock and more soil) be completed in areas of thinner overburden, and to trench/ sample existing targets to determine the source of gold and arsenic. In 2000, Hudson Bay returned the 3Ace property to Alex McMillan.
2000	Nova Gold Resources Ltd. Kennecott Exploration	(Brownlee and Johnson, 2001)	A four hole diamond drill program, totalling 776m was completed at the Sugar Bowl Zone. The drill holes intersected zones of strong argillic alteration, silicification, and disseminated sulphide mineralisation (py+aspy+po), but no significant Au-mineralisation. Au concentrations in the four drill holes ranged from below detection to 140 ppb. Persistent early season snowfall hampered efforts to drill the prinicple, higher elevation targets at the Sugar Bowl Zone. Brownlee and Johnson (1999) report that these targets were not adequately tested by the drill program and unequivocally recomment further exploration on the Sprogge Property.

Table 1 Summary of previous exploration on the 3Ace Property			
Year	**Company**	**Reference**	**Description**
2001	Alex McMillan Exploration	(McMillan, 2001)	The 2001 summer field program carried out a geochemical soil survey and prospecting program that followed up the 1999 work in order to provide some fill to the soil-sampling grid yielding anomalous gold and arsenic values. A total of 153 soil samples and 5 rock samples were collected from various outcrops within the claims, including one from a trench adjacent to Nahanni Range road. Results from the soil geochemical survey provided further support that gold anomalies occur in the north western portion of the 3Ace claims, and they close off towards the south as indicated by Hudson Bay in 1999. Rock samples yielded assay values ranging from 6-4610 ppb Au at various locations on the 3Ace claim blocks. The highest value of gold at 4.6 g/ t was obtained from a quartz pebble chert conglomerate underlain by limestone and shale outcrop in approximately 2 km NW of the Road Showing, across the Little Hyland River. This sample was located 690 m southeast of the eventual Main Zone discovery outcrop. The trench sample consisted of a quartz pebble chert conglomerate underlain by limestone and shale, with assay values of 39.7 g/ t Ag and 7.81 g/t Au. Although this one trench-rock sample yielded silver values, no soil samples were assayed for silver, and therefore no Ag, Pb, or Zn anomalies were detected. Further recommendations were made to expand soil and rock sampling to the east, because none had been completed by either Hudson Bay or Alex McMillan.
2003-2004	Alex McMillan Exploration and ATAC Resources Ltd.	(McMillan, 2005)	The property was optioned to ATAC Resources in 2003 and a program of geological mapping, prospecting and rock sampling was completed on the Road Showing. Alex McMillan discovered significant gold-arsenic mineralization along the Nahanni Range Road while prospecting and soil sampling between 2003 and 2004. Grab samples from a small trench returned values of 33.90 g/t gold and 30.5 g/mt Ag at the Road Showing. A chip sample assayed 4.00 g/t Au, >100, 000 ppm As, and 1820 ppm Pb. Overall the trench yielded several pieces of rusty weathering massive and semi massive arsenopyrite as well as quartz fragments and lenses, for a combined total width of ~15 cm. Other significant results in the vicinity of the Road Showing trench include grab samples of 2.59 g/t Au and 6.81 g/t Au. A northwest striking quartz vein, 4 m long by 1.25 m wide was discovered 2 km northwest of the Road Showing, across the Little Hyland River. Maximum assay value received from a grab sample in 2003 had values of 5401 g/t Au and 355 g/t Ag. This is the Main Zone discovery outcrop.
2005	North American Tungsten	(Casselman, 2005)	In Feb of 2005, the 3ACE claims were optioned to North American Tungsten Ltd. under a 4 year option to purchase agreement. Aurora Geosciences Ltd completed HLEM and gorund magentic geophysical surveys and collected 711 soil samples on the Main Grid. Three rock samples were also collected from the Road Showing

Table 1 Summary of previous exploration on the 3Ace Property			
Year	**Company**	**Reference**	**Description**
			Trench. The gold assays were 6.81 g/t Au, 3.37 g/t Au, and 3.64 g/t Au and >10% As. Soil samples collected on the main grid at the Road Showing produced scattered Au and As anomalies. However a small grid (i.e., Grid C) on the southeast flank of the ridge NE of the river returned a northwest trending Au-in-soil anomaly. The geophysical surveys did identify distinct geophysical anomalies at th Road Showing or Grid C. Aurora Geosciences recommended trenching at Grid C, an IP survey at the Road Showing, and two, 150 m long drillholes to test the Road Showing at depth.
2010	Northern Tiger Resources Ltd.	(Schulze and Buchanan, 2010)	In April 2010, NTR acquired an option to attain 100% interest from Alex McMillan on the 3Ace property, at which time the property was expanded to a total of 293 claims covering 6153 hectares. Due diligence sampling returned Au values ranging from 83.58 g/t to 4259.31 g/t. A surface exploration program focused primarily, but was not limited to, the southern portion of the claim block. The surface exploration program consisted of geological, structural mapping, silt sampling, and systematic soil sampling at the Main, North, and Green zones. Prospecting in the vicinity of historical soil anomalies identified two new zones: The Sleeping Giant Zone, ~1.2 km east of the Main Zone, and the Green Zone/ Green Zone East, ~2.0 km north of the Main Zone. Chip sampling of the discovery outcrop at the Main Zone returned gold values ranging from 64.6 g/t over 1.0 m to 795.9 g/t over 1.1 m. The zone was sampled for 50 m along strike to the north. Notable results from these chip samples include several samples greater than 2.0 g/t Au, including bonanza grade samples of 30.2 g/t Au, 38.1 g/t Au, and 181.1 g/t Au over 1.0 m. Ag and As were common accessory elements across the zone. Surface mapping at the Main Zone demonstrated the presence of a large quartz vein system (i.e., a 50 m strike length and 25 m width) with abundant visible gold, arsenopyrite, silver, and pyrite. Surface exploration carried out at the Green Zone East revealed a 450 m E-W trending horizon of auriferous altered coarse clastic sediments directly south of the interpreted trace of the thrust fault. A rock sample collected from this zone returned a gold assay of 66.5 g/t in the talus slope below a large quartz vein The Sleeping Giant Zone is comprised of N-S trending Au and As bearing quartz veins hosted by coarse clastic rocks of the Yusezyu Fm. Notable au assays from the extensive quartz vein exposure include: 43.67 g/t Au and 82.4 g/t Au. Across the zone 21 of 49 samples returned Au values exceeding 1.0 g/t Au and 9 samples exceeded 10 g/t Au. Based on the results of the 2011 surface exploration program, a property wide soil survey, chip sampling at the newly discovered zones, and induced polarization (ie. Resistivity) to identify structures were recommended for the property. Reconnaissance-style geological

Table 1 Summary of previous exploration on the 3Ace Property			
Year	**Company**	**Reference**	**Description**
			mapping and stream silt sampling was recommended to cover the expanded claim block to the north of the Green Zone.
2010	Northern Tiger Resources Ltd.	NTR Press Releases 2010/11/04 and 2010/11/25	In the fall of 2010, diamond drilling commenced at the Main and Sleeping Giant zones. Three holes were drilled at the Main Zone and six holes were drilled at the Sleeping Giant Zone, for a total of 1241 m. The Sleeping Giant drillholes intersected quartz veins, but did not identify the subsurface extension of the Au mineralisation observed in outcrop. The best intersections at the Sleeping Giant Zone was 1.35 g/t Au over 6.5, including 5.05 g/t Au over 1.0 m and 1.51 g/t Au over 11.9 m in 3A-10-04. The Main Zone holes intersected broad, strongly altered and brecciated quartz pebble conglomerate and phyllite. Quartz veins with arsenopyrite, pyrite and visible gold were abundant. The highlights from these holes were 4.3 g/t Au over 30.3 m in 3A-10-01, 14.8 g/t Au over 11 m, including 145.2 g/t over 1.05 m. The success of the 2010 drill program initiated an large, multi-million dollar exploration program for 2011.

8.0 2011 Claim Status and Property Expenditures

The 3Ace Property is comprised of 1105 contiguous quartz claims in the southeast Yukon (see Pocket Maps). Grey shading on the claim map indicates which individual claims were worked in 2011. The extent of the property is covered by NTS mapsheets 105H09 and 105H16, a total area of 225 km^2. Assessment requirements for the claim package in 2011 were $110,500. An additional expenditure of $331,500, for a total of $442,000, will cover assessment each claim for an additional four years.

On September 29, 2011 the certificate of work was filed and an application was submitted to group the claims into two large groups (Figure 4 and see Pocket Maps). The assigned grouping numbers are currently unavailable, for the purposes of this report and are referred to as the north and south claim groups. Grouping claims on the expansive 3Ace Property will allow for more effective distribution of exploration expenditures and work programs.

The north claim group is comprised of 359 contiguous claims, which cover an area of 75 km^2. Table 2 lists the sequences of individual quartz claims, claim owner, and the current operator. A series of newly identified silt and prospecting targets are located within the north claim group and it is considered highly prospective for mineral exploration.

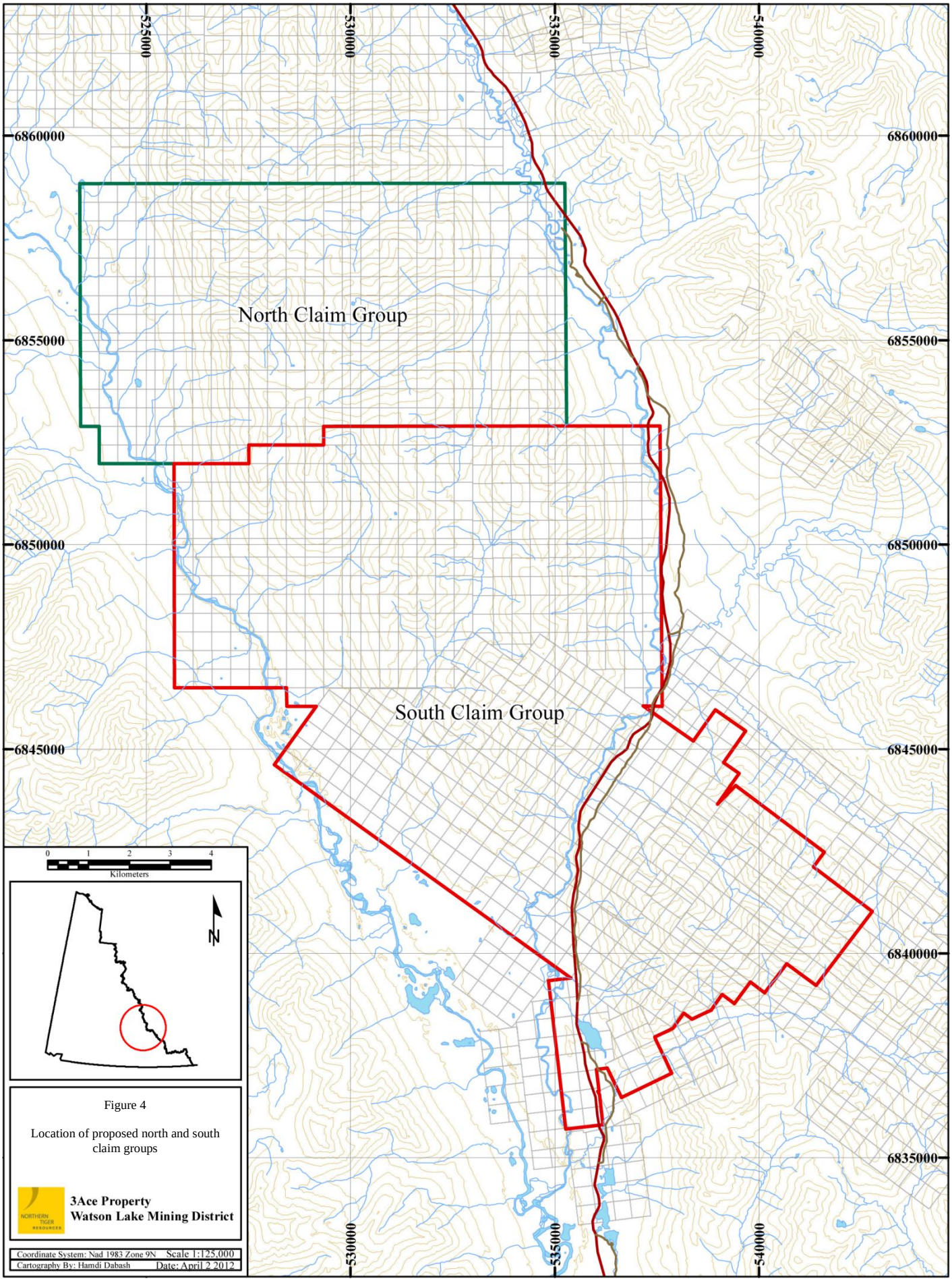
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Figure 4
Location of proposed north and south claim groups
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N Scale 1:125,000
Cartography By: Hamdi Dabash Date: April 2 2012

Table 2 List of Quartz Claims and Ownership for North Block Claims			
Grant Numbers	**Claim Name**	**Owner**	**Operator**
YD59330-YD59337	Ace 23-30	Alex McMillan	Northern Tiger Resources Ltd.
YD59340-YD59347	Ace 33-40	Alex McMillan	Northern Tiger Resources Ltd.
YD59374	Ace 67	Alex McMillan	Northern Tiger Resources Ltd.
YD25475-YD25478	Al 75-78	Alex McMillan	Northern Tiger Resources Ltd.
YD11184-YD11191	Al 103-110	Alex McMillan	Northern Tiger Resources Ltd.
YD25501-YD25504	Al 111-114	Alex McMillan	Northern Tiger Resources Ltd.
YD25031-YD25082	Fred 1-52	Alex McMillan	Northern Tiger Resources Ltd.
YD2557-YD25582	Fred 249-274	Alex McMillan	Northern Tiger Resources Ltd.
YD25531-YD2556	Fred 275-300	Alex McMillan	Northern Tiger Resources Ltd.
YD25506-YD25530	Fred 301-326	Alex McMillan	Northern Tiger Resources Ltd.
YD26151-YD26346	Full 1-196	Northern Tiger Resources Ltd.	Northern Tiger Resources Ltd.

The south claim group is comprised of 746 contiguous claims and covers 151 km^2. Table 3 lists the sequences of individual quartz claims, claim owner, and the current operator. As the larger of the two claim groups, the southern claim group encompasses the known Au prospects on the property, including the Main Zone, Green Zone, and Sprogge Property.

Expenditures incurred on the 3Ace Property up to September 29, 2011 totals $1,822,195. The mineral exploration expenditures being applied to the 3Ace Property for assessment requirements are presented in Table 4. The expenditures are divided between the north and south claim groups. The north claim group required expenditures totalling $143,200 to meet the assessment requirements. Geochemical and airborne geophysical surveys across the claim group required an expenditure of $155,152, exceeding the assessment requirements. On the south claim group $1,667,043 was expended on geochemical surveys, prospecting, and diamond drilling, exceeding the $298,400 assessment requirement. The mineral exploration expenditures within both claim groups exceed the minimum assessment requirements and each quartz claim is in good standing for an additional four years.

9.0 2011 Program Summary

Northern Tiger Resources completed an extensive and multi-fauceted exploration program on the 3Ace Property in 2001. The work included property wide geochemical surveys (i.e., silt and soil sampling), prospecting, and diamond drilling. In addition to specific exploration work Northern Tiger Resources also completed a series infrastructure

Table 3 List of Quartz Claims and Ownership for South Block Claims			
Grant Numbers	**Claim Name**	**Owner**	**Operator**
YB91751	3 Ace 61	Alex McMillan	Northern Tiger Resources Ltd.
YD07109-YD07128	Ace 1-20	Alex McMillan	Northern Tiger Resources Ltd.
YD59328-YD59329	Ace 21-22	Alex McMillan	Northern Tiger Resources Ltd.
YD59338-YD59339	Ace 31-32	Alex McMillan	Northern Tiger Resources Ltd.
YD59348-YD59459	Ace 41-152	Alex McMillan	Northern Tiger Resources Ltd.
YD25401-YD25474	Al 1-74	Alex McMillan	Northern Tiger Resources Ltd.
YD25479-YD25500	Al 79-100	Alex McMillan	Northern Tiger Resources Ltd.
YD11182-YD11183	Al 101-102	Alex McMillan	Northern Tiger Resources Ltd.
YD10850-YD10859	Cozy 1-10	Alex McMillan	Northern Tiger Resources Ltd.
YD26101-YD26150	House 1-50	Northern Tiger Resources Ltd.	Northern Tiger Resources Ltd.
YD29165-YD29199	Jack 5-39	Alex McMillan	Northern Tiger Resources Ltd.
YD18939-YD18936	Jake 1-4	Northern Tiger Resources Ltd.	Northern Tiger Resources Ltd.
YD58282-YD58297	Jake 5-20	Northern Tiger Resources Ltd.	Northern Tiger Resources Ltd.
YD10920-YD10923	Jan 1-4	Alex McMillan	Northern Tiger Resources Ltd.
YD24701-YD24800	Joe 1-100	Alex McMillan	Northern Tiger Resources Ltd.
YD11176-YD11177	Joe 101-102	Alex McMillan	Northern Tiger Resources Ltd.
YC72439-YC72459	King 1-18	Alex McMillan	Northern Tiger Resources Ltd.
YC89511-YC89520	King 19-28	Alex McMillan	Northern Tiger Resources Ltd.
YC72724-YC73733	King 29-38	Alex McMillan	Northern Tiger Resources Ltd.
YC73284-YC295	King 39-50	Alex McMillan	Northern Tiger Resources Ltd.
YC73848-YC73859	King 51-62	Alex McMillan	Northern Tiger Resources Ltd.
YC89521-YC89530	King 63-72	Alex McMillan	Northern Tiger Resources Ltd.
YD07129-YD07138	King 73-82	Alex McMillan	Northern Tiger Resources Ltd.
YD10860-YD10919	King 83-112	Alex McMillan	Northern Tiger Resources Ltd.
YD24901-YD24982	OCS 1-82	Alex McMillan	Northern Tiger Resources Ltd.
YD11172	Queen 1	Alex McMillan	Northern Tiger Resources Ltd.
YD07139-YD07148	Queen 2-11	Alex McMillan	Northern Tiger Resources Ltd.
YD11173-YD11175	Queen 12-14	Alex McMillan	Northern Tiger Resources Ltd.

Table 4 3Ace Property - 2011 Expenditure Summary

	Total Expenditures ($) South Claim Group	North Claim Group	Notes
Satellite Image	$11,725	$5,775	33% of area imaged related to North Claim Group
Analytical Charges - Rock Samples	$27,150	$6,250	rock samples @ $50
Analytical Charges - Silt Samples	$12,640	$4,480	silt samples @ $40
Analytical Charges - Soil Samples	$171,760	-	soil samples @ $40
Analytical Charges - Drill Core Samples	$231,050	-	core samples @ $50
Diamond Drilling	$743,356	-	
Geophysics: airborne magnetics	-	$67,597	1097 line km @ $61.62 per km
Transportation: Helicopter	$469,362	$71,050	70 visits @ 0.7 hours flying @ $1,450 per hour
	298,400	143,200	
TOTAL EXPENDITURES	**$1,667,043**	**$155,152**	

Note: Drillholes 3A-11-033, 034, 035, 3ANZ-11-001, 002, and 3ARS-11-001, 002 are not included in the 2011 assessment expenditures, as the cost was incurred after September 29, 2011. However, the data is included in this report in order to provide a complete dataset.

projects that include: construction of a 45-person camp at km134 of the Nahanni Range Road and an access trail to the main exploration areas. The 3Ace exploration program was completed between June 15, 2011 to October 25, 2011 and employed up to 64 full-time and contract employees (Appendix A).

The program successfully identified new exploration targets across the entire property and expanded the strike- and dip-extent of known Au-mineralisation at the Main Zone. Limited drill testing of targets at Green Zone, North Zone, and Road Showing did not identify significant widths of Au-mineralisation, but the presence of alteration and indicator minerals (e.g., arsenopryite, pyrite, iron carbonate alteration, and anomalous gold concentrations) at each of the zones suggests that these targets are prospective for Au-mineralisation. Regional soil sampling delineated two new Au-in-soil anomalies: the Kaiser Anomaly, a northwesterly trending extension of the Main Zone West, and an extensive anomaly southeast of the Main Zone (see Section 10.2). Northern Tiger Resources remains optimistic that, based on surface rock and soil samples, the potential for significant gold mineralization remains at these early stage exploration targets.

All of the geochemistry samples were analysed by Inspectorate Exploration & Mining Services Ltd. of Vancouver, BC (Inspectorate). Samples were shipped from the 3Ace camp to Inspectorate's prep lab in Whitehorse, YT; where the samples were processed for analysis in Vancouver, BC. Detailed descriptions of the sample preparation

and analytical techniques used for the silt, soil, rock, and core samples are presented in Appendix C (see Volume 2). The signed geochemistry certificates are presented in Appendix F (see volumes 5, 6, 7, 8, 9, and 10).

The results of the 2011 3Ace Property exploration program are discussed in detail in Sections 10.0 to 15.0.

10.0 Geochemical Surveys

Silt and soil geochemical surveys were conducted on the 3Ace property from July 26 through September 23, 2011. Silt sampling was completed along drainages across the entire property to identify new targets following an extensive claim-staking program conducted for Northern Tiger in the fall of 2010. The soil geochemical survey expanded two existing soil grids established during the 2010 surface exploration program. Details on the 2010 program are provided in Northern Tiger's 2010 assessment report on the 3Ace property (Schulze and Buchanan, 2010).

10.1 2011 Silt Survey

In September through November of 2010, an additional 674 claims were staked to expand the 3Ace property following encouraging results from rock and soil samples taken during the summer exploration program (Schulze and Buchanan, 2010). Four hundred and twenty-three (423) silt samples were collected from July 11th through July 25th, 2011 as part of a reconnaissance program to identify new areas of interest across the extensive land package. Creeks bearing multiple tributaries were sampled only at drainage junctions while those drainages lacking tributaries had stream sediments taken at 200-metre spacing.

The 2011 silt survey yielded encouraging results with Au values up to 0.113 ppm. As expected, all of the streams draining known zones with high Au-in-soil values returned anomalous Au in silt samples as well with values ranging from <0.005 to 0.112 ppm (see Pocket Maps). Several creeks in newly acquired areas to the north also had consistently anomalous Au in stream sediments, particularly those draining the western part of the property. Almost every drainage sampled returned at least one Au value greater than the 80th percentile range (>0.025ppm).

In addition to anomalous Au results, several drainages returned assay values elevated with a different suite of elements including copper (Cu), cobalt (Co), manganese

(Mn), zinc (Zn) and, to a lesser extent, tin (Sn) and tungsten (W). This base metal signature is most notable in 2 creeks sampled on the western side of the Hyland River and a creek draining the northwestern part of the property (see Pocket Maps). Silt samples in these three drainages returned assay values ranging from 21.1 to 263.5 ppm Cu, 8 to 146.4 ppm Co, 257 to >10,000 ppm Mn and 58 to 6,269 ppm Zn. It should be noted that although Sn (0.6-1.2 ppm) and W (0.19-3.5 ppm) values are elevated in the 2 creeks west of the Hyland River relative to elsewhere on the property, the values would not be considered extremely anomalous. Drainages in the Sprogge area also tend to have a base metal component, but include slightly elevated levels of lead (Pb, up to 106.5 ppm), antimony (Sb, up to 2.3 ppm) and locally silver (Ag, up to 0.65 ppm). Creeks yielding consistently anomalous base metal values generally have fewer samples containing significant amounts of Au coupled with lower Au values overall. However, one creek draining the mid-western part of 3Ace returned high Au in addition to Cu, moderate Mn, and weakly-elevated Ag and Pb values.

Given the successful correlation between known Au zones on the property with anomalous Au values in streams draining those areas, silt sampling is considered a valuable exploration tool on the 3Ace property. Prospectors were sent to several creeks following the return of anomalous silt assays, consistently returning with sulphide mineralized rocks, which returned high arsenic (As), Cu and Au assay values (see Section 11). The stream sediment program identified several new gold and base metal targets on the property that still require follow-up. Prospected targets that generated positive results in 2011 should be prioritized for detailed mapping and soil sampling in 2012 to identify additional mineralized zones on the property.

10.2 2011 Soil Survey

Northern Tiger completed a regional B-horizon soil survey, encompassing the two 2010 soil grids. The 2011 grid was sampled at 25 meter spacing on lines spaced 100 m apart in order to infill un-sampled areas between the 2010 soil grids. The line spacing was reduced to 50 m in areas that were considered highly prospective targets (i.e., Green Zone and Green Zone East). The first survey was conducted from July 26th to September 7th with 3562 samples collected. A second survey, conducted September 13-23 by a 4-

person crew from All-In Exploration Services, collected an additional 732 samples (see Pocket Maps) for a total of 4294 soils taken in 2011.

Geochemical analysis of the 2011 soil samples outlined four new areas of interest: the Kaiser Trend, the Green Zone East, extension of the Main Zone West Au zones, and a partially delineated soil anomaly along the edge of the grid, east of the Main Zone. The Kaiser Trend combined parts of two 2010 anomalous Au-in-rock/soil zones, the Hoito showing and the northwestern part of the Main Zone West, with new anomalous areas to the southeast outlined by the 2011 soil survey. This northwest-southeast oriented trend yields Au values up to 2.0 ppm. The modified Green Zone East area shows the apparent association between high Au-in-soil values (up to 1.5 ppm) and a bedded sandstone unit existing to the north and south of the major East-West Green Zone thrust fault. This possible correlation between lithology and Au provides a valuable targeting tool that can be used elsewhere on the property. Discoveries in Green Zone East will also assist in constraining mineralization in the Green Zone West, which is largely talus-covered with much less in situ exposure. The Green Zone East soil anomaly remains open to the east. Additional areas of anomalous Au extending to the southeast and northeast of the Main Zone, towards the Sleeping Giant Zone, were identified and remain open as well. The coincidence of anomalous gold in 2010 rock samples with 2011 soil anomalies demonstrates that B-horizon soil samples are an effect technique for generating new targets on the 3Ace project.

The soil survey identified other anomalous elements including arsenic (As), lead (Pb) and silver (Ag) that correlate to anomalous Au samples. The Kaiser Trend yielded anomalous soil results for Ag (up to 2.3 ppm), As (up to 8,396 ppm) and Pb (up to 7,388 ppm), as did Green Zone East with up to 12.1 ppm, 10,000 ppm, and 2,833 ppm respectively. Soil samples which exceed the 90th percentile in Au, As, and Ag delineate an anomaly that appears to from a ‘ring’There is no direct correlation of individual samples for Au:As, Au:Ag, or Ag:As, but there is a definite trend with high Ag and As values occurring where soils also have anomalous Au within this ring-shaped area.

Soil samples with anomalous Au values also tend to have the highest relative antimony (Sb), Pb, and tungsten (W) values, although there is again no direct single-element correlation with Au. Some negative correlations emerged when Au was

compared with cobalt (Co), copper (Cu) and manganese (Mn). Soils yielding anomalous Co and Cu values tend to rim the regional ring-shaped area of anomalous Au, particularly in Green Zone East with Co-Cu anomalies bounding the northern edge of the Au zone. Co and Cu values tend to be particularly low in proximity to the east-west-trending Green Zone Fault. The negative correlation of Mn and Au is more distinct, showing low Mn in samples with high Au results while noticeably higher Mn values occur where soils yielded low Au values across the entire grid.

Further geochemical analysis of the soil assays should be conducted to determine possible multi-element associations with Au. Defining a distinct element suite that could be correlated to known Au zones would provide a more effective targeting method and allow for the use of analytical tools, such as an XRF machine, to identify potential targets while still in the field. Additional soil sampling should be conducted in 2012 to complete the grid across the Sleeping Giant Zone as well as define the eastern extent of anomalous samples at Green Zone East. Targeted recon soil grids across areas proximal to anomalous silt samples as well as infill of historical soil grids on the Sprogge property should also be incorporated into the 2012 soil survey. 2011 soil anomalies, including the Kaiser Trend and prospective areas identified between the North Zone and Green Zone East, require follow-up prospecting and mapping to determine their potential as future drill targets.

11.0 Regional Prospecting

A team of three prospectors was used to evaluate large, under-explored portions of the property and initial follow-up work on the anomalous silt samples. The team was very prolific, collecting a total of 598 rock samples from across the property (see Pocket Maps). Aside from collecting mineralised rocks, the prospecting crew was adept at following alteration zone and finding prospective outcrops within the zones, particularly on the Sprogge Claims (see Pocket Maps).

Gold assay values range from <0.5 g/t Au to 34.2 g/t Au. A small subset of five samples had copper concentrations that range from 0.21% Cu to 2.9% Cu. A total of 96 samples exceeded 0.2 g/t gold. This subset of samples was concentrated in three main areas: Sprogge, Kaiser Trend, and Hat. Table 5 summarises a subset of 25 samples (i.e., 4% of the samples collected) with Au concentrations greater than 1.0 g/t, the best rock

samples of the program. The highest grade sample collected during the program was 34.2 g/t Au from the Sugar Bowl Prospect on the Sprogge claims. The highest grade sample from the 3Ace Property was 11.2 g/t Au, located in the central portion of the Kaiser Trend. West of the Little Hyland River Au mineralisation is associated with a small suite of elements that includes: As+Ag+Fe. On the east side of the river, at Sprogge, the samples are characterised by an suite of elements that includes: Au+As+Ag+Bi+Cu+Pb. The elemental relationships are distinct enough that the source of float samples in the valleys should be identifiable from its geochemical fingerprint.

Prospecting on the Sprogge claims was intended to verify historical work. The initial phase of work focused on the known showings to confirm that gold mineralisation and alteration was widespread in this area. Samples collected at Sprogge included 34.2 g/t Au, 17.9 g/t Au, and three samples around 11 g/t Au (see Table 5). However, the highlight of prospecting at Sprogge was the verification of a broad, approximately 600 m wide by 4 km long zone of limonite and iron carbonate alteration that corresponds to the Dayo Anomaly (Scott, 1999; Schulze and Johnson, 2000). A newly discovered outcrop at the south end of the Dayo Anomaly returned gold values of 1.0 g/t Au and 0.6 g/t, samples 20738 and 21129 respectively. This is an important exploration result and highlights the potential for zones of gold mineralisation within the large, relatively untested, Dayo Anomaly.

The Hat Zone, nine kilometres northwest of the Green Zone, is an area highlighted as a prominent silt anomaly. Five rock samples collect from the Hat Zone area returned Au concentrations greater than 1.0 g/t Au. The assays range from 1.05 g/t Au to 3.26 g/t Au. Hudson Bay had a small soil grid with a Au-in-soil anomaly and this subset of samples verifies the presence of outcrop hosted gold mineralisation in the vicinity of the soil anomaly. Malachite staining was also found in a boulder talus slope in the Hat area, but an outcrop source was never discovered. Sample 20416 from this area returned a Cu assay of 0.21%

A total of seven samples collected from the Main Zone West and Kaiser trends returned assays greater than 1.0 g/t Au. This result is significant due to the extensive alpine meadow and boreal forest that obscures the bedrock in this area. The samples range from 1.08 g/t to 11.2 g/t Au (Table 5) and were predominantly collected from

bedrock hosted quartz veins. All of the samples were taken from within the 2.5 km long soil anomaly that delineates these two trends. Although these prospecting results are very good and indicate bedrock hosted mineralisation is present within the soil anomalies, there is not much more outcrop to aid in pin-pointing a new gold zone. It is hoped that utilising a reverse circulation drill rig will economically help identify the elusive mineralised zones within the Kaiser Trend.

Table 5 Geochemical summary of rock samples with Au values >1.0 g/t

Sample #	Project	Technique	Source	Au (g/t)	As (ppm)	Ag (g/t)	Bi (ppm)	Cu (ppm)	Pb (%)
20651	NTR3A	Grab	OC	11.17	10000	0.9	0.6	4.8	0.0
20732	NTRSP	Grab	OC	5.92	10000	2.8	303.6	29.4	0.0
20733	NTRSP	Grab	OC	1.50	10000	0.5	42.7	17.5	0.0
20734	NTRSP	Grab	OC	7.01	10000	1.3	116.8	36.5	0.0
20738	NTRSP	Grab	FLT	1.01	3658	0.4	9.0	16.8	0.0
20801	NTR3A	Grab	FLT	2.24	372	0.3	0.1	22.7	0.0
20817	NTRSP	Grab	FLT	3.89	4647	0.4	1.0	5.7	0.0
20835	NTR3A	Grab	OC	3.20	10000	1.3	0.3	8.0	0.0
20863	NTRSP	Grab	FLT	2.23	10000	0.3	115.3	27.0	0.0
20926	NTR3A	Grab	FLT	3.26	10000	2.6	0.5	10.6	0.0
20937	NTR3A	Grab	FLT	1.08	10000	0.2	0.2	11.4	0.0
21010	NTR3A	Grab	OC	1.39	10000	0.4	0.3	36.5	0.0
21018	NTR3A	Grab	FLT	1.07	3818	0.2	0.3	4.1	0.0
21063	NTRSP	Grab	FLT	11.60	10000	12.0	272.3	174.2	0.0
21077	NTR3A	Grab	FLT	1.05	9920	0.3	0.1	7.6	0.0
21102	NTRSP	Grab	FLT	5.78	10000	164.5	297.2	73.9	3.3
21104	NTRSP	Grab	FLT	1.01	10000	1.0	6.2	10.3	0.0
21119	NTRSP	Grab	FLT	7.23	10000	1.7	1115.8	13.7	0.0
21120	NTRSP	Grab	RC	17.93	10000	6.4	575.1	40.0	0.0
21131	NTRSP	Grab	FLT	8.46	10000	6.2	770.9	59.2	0.1
21147	NTR3A	Grab	OC	1.25	1948	0.2	0.0	9.3	0.0
21162	NTRSP	Grab	FLT	34.19	10000	10.7	2046.7	326.5	0.1
21188	NTR3A	Grab	FLT	2.79	2867	38.8	1.5	36.2	1.6
21456	NTR3A	Chip	OC	2.45	522	0.1	0.0	7.0	0.0
22663	NTRSP	Grab	FLT	11.38	10000	4.3	1163.2	37.8	0.1

A subset of copper values is distributed across the property. The southernmost sample, 20105, was a cobble size rock collected on a talus slope. This sample had a Cu concentration of 0.53%. Two samples were collected west of the Green Zone, 20706 and 20841, and returned a Cu concentration of 0.31% and 0.29%, respectively. Sample 20416, in the Hat area, had a Cu concentration of 0.21%. However, the highest Cu assay is sample 21060, which returned a Cu value of 2.89%. This sample is located near the northeastern corner of the North Claim Group. The presence of significant Cu

mineralisation was unexpected on the 3Ace Property. Since most the samples were taken during reconnaissance prospecting trips, there is very little geological context for this mineralisation. However, further evaluation of these geochemical exploration targets is planned for the 2012 field season.

12.0 Geophysical Surveys

12.1 Airborne Magnetic and Radiometric Survey

An airborne geophysics survey was commissioned to collect magnetic and radiometric data from across the entire 3Ace Property. The contractor, Precision Geosurveys Inc. (Precision), flew the survey between August 25, 2011 and September 15, 2011. The purpose of the geophysical survey was to identify regional- and property-scale structures and to assist in remote mapping of alteration and lithology. However, poor weather, unsettled magnetic field conditions, and technical issues with the magnetometer dramatically reduced the proportion of the property that was covered by the survey. A total of 1097 line kilometres was completed on the north claim group of the property. A report by Precision detailing the parameters and results of the 2011 airborne geophysical survey is included in Appendix G (see volume 12).

The survey was designed to acquire high resolution magnetic and radiometric data. The radiometric and magnetic data were acquired simultaneously as the survey was flown. The survey was flown at 100 m spacing on a heading of $090^{o}/270^{o}$ and a nominal altitude of 35 m above the ground. North-South tie lines were intended to be flown at a spacing of 1 km, but were not completed due to the poor survey conditions and time constraints of the geophysical crew.

The analytical equipment used for the survey was comprised of an Integrated Radiometric Information System (IRIS) and a Scintrex cesium vapour CS-3 magnetometer. The IRIS measures gamma radiation emitted from the surface of the Earth. It is shielded to minimise cosmic and solar gamma noise. The Scintrex magnetometer is a high sensitivity instrument that can measure the Earth's geomagnetic field to within ±-0.01 nT. The magnetic data are recorded at 10 Hz. Additionally a magnetic compensator filters out noise created by movement of the helicopter within the Earth's geomagnetic field. A GEM GSM-19T magnetometer was installed as a base station in the southeast corner of the claim block. This unit measure data at 0.5 Hz and has an accuracy of ± -0.02 nT at 1 Hz. The base station measures diurnal fluctuations in

the Earth's geomagnetic field and is used to correct data acquired by the Scintrex magnetometer.

The analytical equipment is mounted within a 'stinger' attached to a Bell 206 Long Ranger. The helicopter is equipped with a laser altimeter to accurately maintain the altitude of the geophysical equipment. The helicopter is also utilises a special guidance system to assist in navigation and maintain the correct ground clearance.

The airborne TMI magnetic data is presented on a pocket map. Due to the lack of tie lines and unresolved issues with the Scintrex magnetometer the level of confidence in the quality of the raw data is reduced. Significant regional features like the Hyland Valley and March faults are highlighted by airborne magnetic data. However, a strong east-west striping is present in the dataset, reflecting the flight lines, and interpreting lower order structures is tenuous at best (see Pocket Maps).

The radiometric data collected during the airborne survey was strongly affected by groundwater saturation in the area. Above normal volumes of rainfall throughout the summer ensured that creeks, tarns, and bogs did not dry out in 2011. Water strongly attenuates gamma particle radiation, reducing the effectiveness of airborne radiometric surveys. The radiometric data received from Precision is very subdued and the narrow range of the absolute measurement values limits the usability of the data. The quality of the radiometric data needs to be reviewed by a professional geophysicist to determine if it reasonable to use the data for geological interpretations.

TerraNotes Ltd., a geophysics consulting firm in Toronto, ON, has been contracted to review the 2011 airborne geophysics data. This review is currently ongoing and the final results have not yet been released to the company. Precision will continue the airborne geophysical survey in 2012 with the intent to obtain tie line data for the North Claim Group and cover high priority sections of the South Claim Group.

13.0 Diamond Drilling

A diamond drill program was completed on the 3Ace Property between July 1, 2011 and October 25, 2011. At total of 8,458 m was drilled in 34 holes at four different zones on the 3Ace Property (Table 6 and see Pocket Maps). The drill contractor, Driftwood Drilling of Smithers, BC, initially supplied a single drill rig, but in order to meet the planned meterage a second drill rig was added in mid-August.

Table 6 2011 Drill Collar Information											
Hole ID	**Prospect**	**Status**	**Grant No.**	**Easting**	**Northing**	**Elev (m)**	**Size**	**Date**	**Dip**	**Az.**	**EOH**
3A-11-022	Green Zone	Completed	YC72448	533367	6845919	1808	HQ	31/08/2011	60	245	300
3A-11-023	Green Zone	Completed	YC72448	533367	6845919	1808	HQ	05/09/2011	75	245	306
3A-11-025	Green Zone	Completed	YC72448	533367	6845919	1808	HQ	08/09/2011	85	245	283
3A-11-026	Green Zone	Completed	YC72447	533394	6845877	1797	HQ	06/08/2011	60	160	306
3A-11-027	Green Zone	Completed	YC72447	533394	6845877	1797	HQ	16/09/2011	75	160	354
3A-11-029	Green Zone	Incomplete	YC72448	533413	6845936	1809	HQ	18/09/2011	60	160	55
3A-11-030	Green Zone	Completed	YC72448	533413	6845936	1809	HQ	27/09/2011	75	160	372
3A-11-010	Main Zone	Incomplete	YD07124	533716	6843826	1567	HQ	02/06/2011	55	270	40
3A-11-010A	Main Zone	Incomplete	YD07124	533716	6843826	1567	HQ	07/07/2011	60	270	183
3A-11-011	Main Zone	Completed	YD07124	533711	6843876	1559	HQ	13/07/2011	55	270	342
3A-11-012	Main Zone	Completed	YD07124	533691	6843901	1557	HQ	18/07/2011	55	270	265
3A-11-013	Main Zone	Completed	YD07124	533666	6843935	1544	HQ	21/07/2011	55	270	246
3A-11-014	Main Zone	Incomplete	YC72728	533675	6843984	1551	HQ	24/07/2011	55	270	198
3A-11-015	Main Zone	Incomplete	YD07124	533724	6843902	1556	HQ	26/07/2011	55	270	72
3A-11-015A	Main Zone	Completed	YD07124	533724	6843902	1556	HQ	01/08/2011	60	270	386
3A-11-016	Main Zone	Completed	YD07124	533724	6843902	1556	HQ	04/08/2011	75	270	288
3A-11-017	Main Zone	Completed	YD07124	533727	6843933	1548	HQ	07/08/2011	60	270	296
3A-11-018	Main Zone	Completed	YC72728	533733	6843982	1540	HQ	12/08/2011	60	270	357
3A-11-019	Main Zone	Completed	YC72728	533733	6843982	1540	HQ	16/08/2011	75	270	333
3A-11-020	Main Zone	Incomplete	YD07124	533736	6843843	1565	HQ	19/08/2011	60	263	51
3A-11-020A	Main Zone	Incomplete	YD07124	533736	6843843	1565	HQ	23/08/2011	60	270	153
3A-11-021	Main Zone	Completed	YD07124	533712	6843901	1559	HQ	03/08/2011	60	190	237
3A-11-024	Main Zone	Incomplete	YD07124	533705	6843764	1535	HQ	05/08/2011	60	270	17
3A-11-024A	Main Zone	Completed	YD07124	533705	6843764	1535	HQ	12/09/2011	65	270	205
3A-11-028	Main Zone	Completed	YD07124	533737	6843878	1556	HQ	18/09/2011	60	270	286
3A-11-031	Main Zone	Completed	YD07124	533737	6843878	1556	HQ	24/09/2011	75	270	420
3A-11-032	Main Zone	Completed	YD07124	533748	6843901	1546	HQ	28/09/2011	60	270	285
3A-11-033	Main Zone	Completed	YD07124	533748	6843901	1546	HQ	01/10/2011	80	270	291
3A-11-034	Main Zone	Completed	YC72728	533752	6843934	1538	HQ	08/10/2011	80	270	342
3A-11-035	Main Zone	Completed	YC72728	533679	6844035	1540	HQ	14/10/2009	60	270	311
3ANZ-11-001	North Zone	Completed	YC72728	533910	6844320	1565	HQ	08/10/2011	60	160	194
3ANZ-11-002	North Zone	Completed	YC72728	533910	6844320	1565	HQ	14/10/2011	75	160	222
3ARS-11-001	Road Showing	Completed	YD07111	535591	6841952	1030	HQ	17/10/2011	60	170	225
3ARS-11-002	Road Showing	Completed	YD07111	535591	6841952	1030	HQ	21/10/2011	75	170	237

Note: Drillholes 3A-11-033, 034, 035, 3ANZ-11-001, 002, and 3ARS-11-001, 002 are not included in the 2011 assessment expenditures, as the cost was incurred after September 29, 2011. However, the data is included in this report in order to provide a complete dataset.

The core was transported from the drill by helicopter and logged at the 3Ace exploration camp. The 2011 core is cross-stacked in the camp (i.e., 535580E, 6839746N), a permanent core storage for the 3Ace Property. Eventually, a characteristic cross-section of the Main Zone will be shipped to Whitehorse for storage in the Yukon Geological Survey's core library.

The results of the drill program were variable at each of the drilled zones, but multi-metre intersections of anomalous to moderate-grade gold concentrations were intersected at each zone and several 'bonanza' grades were intersected at the Main Zone. Cross-sections for each of the drill holes are presented in Appendix D (see Volume 2) and drill logs are presented in Appendix E (see volumes 3 and 4). The drilling results at each zone are described in the following sections.

13.1 Main Zone

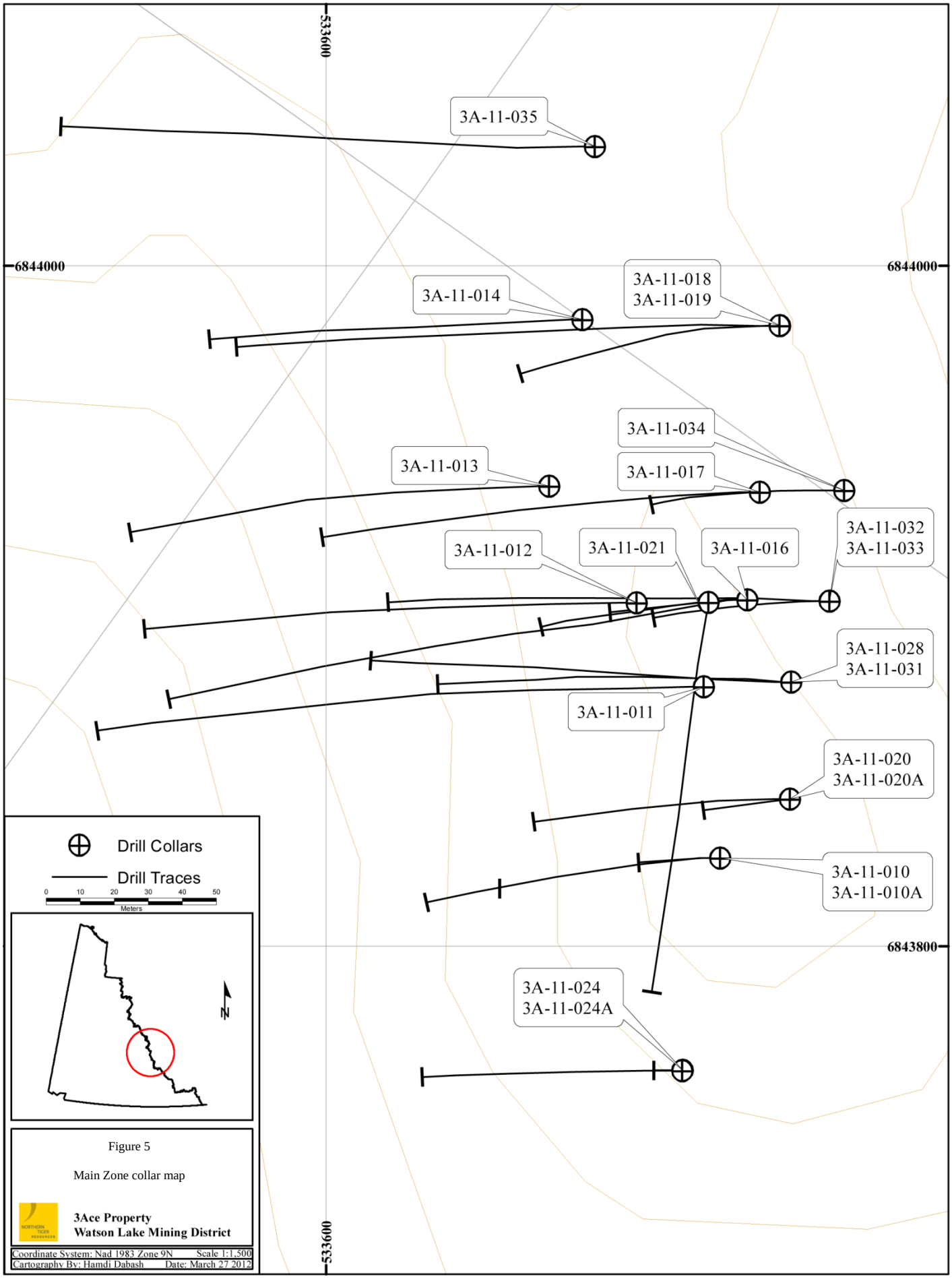
The Main Zone is the most significant Au mineralised zone on the 3Ace Property. Surface sampling in 2010 extended the discovery outcrop for 50 m along strike and identified multiple, en echelon Au-bearing quartz veins that returned multiple high-grade assays (Schulze and Buchanan, 2010). A short, late season drill program tested the surface mineralisation with three drillholes for a total of 299 m. The results of this initial drill program included 4.31 g/t Au over 30.3 m and 14.84 g/t Au over 10.9 m, confirming the presence of a significant, high-grade gold system at the Main Zone. In 2011 a follow-up program was planned to test the mineralisation along strike and down dip. A total of 5604 m was drilled in 23 holes (Figure 5 and see Pocket Maps). The drill program extended the known strike length of Main Zone 250 m to the north and down dip approximately 225 m, a significant expansion of the zone.

The drillholes intersected a succession of interbedded arkosic sandstone, quartz pebble conglomerate, ribbon-bedded siltstone, and phyllite. The stratigraphy broadly strikes west-northwest and dips moderately to the north. Towards the north end of the zone the drillholes collared in phyllite and intersected up to 90 m of phyllite (Unit A) in the upper portions of the zone. To the south, holes were collared in quartz pebble conglomerate. Across most of the zone a thick (i.e., up to 90 m) package of arkosic sandstone and quartz pebble conglomerate delineates the middle portion of the stratigraphic sequence (Unit B). Unit C is comprised of a phyllite/siltstone package

approximately 100 m thick that contains a 25 m thick sequence of arkosic sandstone and quartz pebble conglomerate (see Section N6843903, Appendix D, Volume 2).

Polyphase faulting at the Main Zone has created complex overprinting relationships and extensive brecciation within the stratigraphic succession. The Main Zone Fault (MZF) is the primary structure that controls mineralisation. The MZF has an orientation of approximately 350/75. Polyphase movement along the fault is suggested by the presence of folded and boudinaged crack seal quartz vein fragments with arsenopyrite mineralisation. The early vein system was subsequently overprinted by multiple phases of younger, less deformed quartz tension vein arrays, stockwork quartz veins, and sheeted quartz veins. The final movement phase is evidenced by brittle faulting that brecciate the older structural features and country rock; forming extensive clay gouge faults. Drillholes collared along the eastern side of the ridge (Figure 5) intersected a previously unrecognized fault. This fault is similar in style and geometry to the MZF and it is hypothesized that displacement on the MZF steps onto a fault segment east of the discovery outcrop. This interpretation is supported by the lack of significant structure in drillhole 3A-11-024, south of the discovery outcrop. 3A-11-021 targeted a prominent east-west satellite lineament and intersected extensive clay fault gouge, suggesting the presence of late west-striking, steeply north-dipping brittle faults that cross-cut the Main Zone. The significance of these faults is poorly understood at this time, but the presence of brecciated and crushed sulphide minerals in the cataclastic gouge zones indicate the faults post-date mineralisation at the Main Zone.

The Main Zone alteration package is characterised by argillic clay alteration, iron carbonate alteration, quartz-carbonate veining, sericite, desilicification, and discontinuous patches of silicification. A strong limonite overprint is present throughout the zone and is interpreted to be formed from oxidation of pyrite by meteoric water. Alteration is strongest within the fault zone and becomes less intense in the footwall of the MZF. In the deeper portions of the stratigraphic package alteration is predominantly vein hosted and is comprised of quartz-carbonate veins and vein hosted chlorite. The trace element geochemistry displays distinct patterns through the zone, which are strongly dependent upon lithology, but also appear to be spatially related to mineralisation. A geochemist


533600
6844000
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3A-11-035
3A-11-014
3A-11-018
3A-11-019
3A-11-034
3A-11-013
3A-11-017
3A-11-032
3A-11-033
3A-11-012
3A-11-021
3A-11-016
3A-11-028
3A-11-031
3A-11-011
3A-11-020
3A-11-020A
3A-11-010
3A-11-010A
3A-11-024
3A-11-024A
Drill Collars
Drill Traces
0 10 20 30 40 50
Meters
N
Figure 5
Main Zone collar map
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N Scale 1:1,500
Cartography By: Hamdi Dabash Date: March 27 2012

has been contracted to investigate the geochemistry identify the geochemical signature of the alteration system.

Mineralisation at the Main Zone is characterised by arsenopyrite+pyrite+trace galena+trace molybdenite+trace chalcopyrite±gold. Table 7 presents the significant 2011 intersections. There were twelve intersections with a width great than 7.0 m and a composited grade greater than 0.6 g/t Au. Ten of the intersections had a width greater than 10 m and nine of the intersections were over 23 m wide. 3A-11-016 had the best intersection of the season, 4.61 g/t Au over 35 m, and included 106.21 g/t over 1.0 m. The longest intersection, 2.58 g/t Au over 53.0 m, in 3A-11-033, is an exaggerated apparent width due to the small angle of intersection between the hole and MZF. However, this is the deepest mineralised intersection in the zone, demonstrating that it is open to depth. Visible gold occurs throughout the zone and has been observed in each generation of quartz veins, although it seems to be more common in the first generation, grey, deformed quartz veins. Arsenopyrite is a common accessory mineral and always occurs in conjunction with gold mineralisation within the Main Zone. However, broad intervals of 4%-8% arsenopyrite have returned assay samples with only slightly anomalous gold concentrations. Total sulphides associated with gold mineralisation at the Main Zone rarely exceed 8% of the modal mineralogy.

Coarse, nugget gold concentrations represents a challenge for accurately assessing the Au grade at the Main Zone. In several cases Au assays changed dramatically when samples were re-assayed for metallic screens. Furthermore the values could be increased or decreased; there was no distinct pattern to the changes. Nuggety gold is a challenge in many orogenic gold vein systems and there is no easy solution to the problem of accurately estimating the grade of a sample. Northern Tiger Resources is planning to re-analyse a set of samples with a cyanide leach bench test. The goal of the experiment is to determine if the fire assay and metallic screens are appropriate techniques for analysing gold on the 3Ace Property. The test will also determine if the current assay results reflect an accurate estimate of the gold grade in the 2011 drill core.

The geometry of the mineralisation is strongly controlled by the strike and thickness of the MZF, creating a generally planar zone of mineralisation. However, the concentration of high-grade gold occurrences in the central portion of the zone (see

Table 7 Table of Selected, Significant Results at the Main Zone							
Hole	**Zone**	**Azimuth**	**Dip**	**EOH (m)**	**Interval (m)**	**Width (m)**	**Gold (g/t)**
3A-11-10a	Main	270°	60	183	78.0 – 93.7	15.7	0.52
3A-11-11	Main	270°	55	342	**78.0 – 91.2**	**13.2**	**3.75**
				Including	81.0 – 83.4	2.4	10.50
3A-11-12	Main	270°	55	265	77.8 – 81.2	3.4	1.26
3A-11-13	Main	270°	55	246	56.5 – 57.2	0.7	3.94
3A-11-14	Main	270°	55	198	**72.0 – 79.2**	**7.2**	**4.95**
				Including	76.8 – 79.2	2.4	13.81
					108.0 – 135.0	**27.0**	**0.59**
				Including	132.0 – 132.9	0.9	5.21
					180.0 – 183.0	3.0	1.49
3A-11-15a	Main	270°	60	386	**83.3 – 110.5**	**27.2**	**2.51**
				Including	96.0 – 105.0	9.0	6.80
					131.5 – 135.0	3.5	0.56
					214.8 – 221.0	6.2	0.59
3A-11-16	Main	270°	75	288	**100.0 – 135.0**	**35.0**	**4.61**
				Including	104.2 – 105.2	1.0	106.21
				Including	110.2 – 113.2	3.0	11.79
3A-11-17	Main	270°	60	296	90.7 – 105.0	14.3	0.83
					115.0 – 127.1	12.1	0.46
					170.4 – 176.0	5.6	1.27
3A-11-18	Main	270°	60	357	97.8 – 99.0	1.2	7.50
					108.0 – 109.6	1.6	3.64
					145.0 – 175.5	**30.5**	**1.25**
				Including	168.7 – 175.5	6.8	3.11
					279.0 – 281.0	2.0	1.87
3A-11-19	Main	270°	75	333	127.8 – 140.0	12.2	0.54
					202.8 – 250.6	**47.8**	**0.88**
				Including	218.9 – 250.6	31.7	1.18
					275.8 – 277.7	1.9	0.60
3A-11-20a	Main	270°	60	153	99.0 – 115.3	16.3	0.52
					136.2 – 138.0	1.8	0.65
3A-11-21	Main	190°	60	237	70.0 – 72.0	2.0	0.58
					92.7 – 94.7	2.0	1.09
					119.2 – 125.0	5.8	0.68
					182.5 – 183.5	1.0	0.68
3A-11-28	Main	270°	60	286	48.4 – 50.5	2.1	0.59
					89.0 – 112.0	**23.0**	**1.15**
				Including	101.0 – 102.0	1.0	6.45
				Including	107.4 – 108.5	1.0	4.87
					130.0 – 132.0	2.0	2.16

Table 7 Table of Selected, Significant Results at the Main Zone							
Hole	**Zone**	**Azimuth**	**Dip**	**EOH (m)**	**Interval (m)**	**Width (m)**	**Gold (g/t)**
					147.3 – 149.0	1.7	2.70
					222.0 – 226.9	4.9	0.78
3A-11-31	Main	270°	75	420	72.6 – 82.0	9.4	0.45
					116.0 – 136.5	20.5	0.75
					232.0 – 234.0	2.0	1.38
					319.2 – 320.8	1.6	0.53
3A-11-32	Main	270°	60	285	**87.1 – 115.0**	**27.9**	**3.15**
				Including	100.1 – 101.4	1.3	45.22
				Including	110.0 – 111.0	1.0	12.76
					123.0 – 128.4	5.4	0.57
					189.0 – 191.5	2.5	0.63
					238.0 – 239.0	1.0	2.05
3A-11-33	Main	190°	80	291	98.0 – 100.0	2.0	0.57
					130.0 – 183.0	**53.0**	**2.58**
				Including	136.7 – 138.0	1.3	15.85
				Including	155.0 – 157.0	2.0	17.72
				Including	175.5 – 179.5	4.0	8.62
3A-11-34	Main	270°	80	342	**138.0 – 148.0**	**10.0**	**4.37**
				Including	141.9 – 144.0	2.1	14.32
					166.0 – 180.0	14.0	0.67
					198.0 – 199.1	1.1	70.11
					232.4 – 246.0	13.6	0.65
3A-11-35	Main	270°	80	311	87.0 – 111.5	24.5	0.91
				Including	95.6 – 96.5	0.9	7.80
				Including	110.5 – 111.5	1.0	6.88
					127.7 – 137.5	9.8	0.42

Section N6843903, Appendix D, Volume 2) indicates the development of a steeply, northeast plunging ore shoot. A secondary structural control on the geometry of mineralisation is the intersection between the MZF and bedding. This structural feature generates a moderately, northeast plunging zone of mineralisation in the vicinity the contact between units A and B. Interpretation of these three structural controls on the geometry of mineralisation is ongoing, but even this preliminary recognition of the plunging ore shoots provides a powerful targeting tool for the 2012 drilling program.

The 2011 drill program at the Main Zone successfully extended the extent of known gold mineralisation 200 m to the north and 225 m down dip. The program

demonstrated that the current geological and structural model for the Main Zone is robust and can be used to identify high priority drill targets for the 2012 exploration program. The Main Zone is open in all directions and remains the highest priority exploration target on the 3Ace Property.

13.2 Green Zone

The Green Zone is comprised of a large, ~650 m long Au-in-soil anomaly located 2.0 km north of the Main Zone. In 2010 rock samples collected within the soil anomaly returned Au assays up to 8.0 g/t. The rock and rubble crop samples identified zones of strong scorodite alteration of disseminated arsenopyrite in the quartz pebble conglomerate underlying the zone. Strong clay alteration and brecciation of the host rocks coincident with the soil anomaly was interpreted as a significant zone of hydrothermal alteration associated with controlling structures (Schulze and Buchanan, 2010). In 2012 seven drillholes (i.e., 1,976 m) were collared on the zone to test for disseminated and structurally controlled gold mineralisation (Figure 6). The drill targets were selected based on the juxtaposition of high gold concentrations in the 2010 soil survey and rock samples. The holes were oriented perpendicular to the interpreted orientation of bedding to test the stratigraphy.

Hudson Bay Mining Company drilled a single hole, HB-99-01, at the Green Zone in 1999. The hole was targeted approximately 180 metres northwest of the 2011 drill holes. The best intersection of the 1999 drill program was 4.5 g/t Au over 1.5m and Hudson Bay concluded the area did not contain the potential to host a large, high-grade gold deposit.

The Green Zone drillholes intersected a sequence of interbedded quartz pebble conglomerate, arkosic sandstone, black phyllite, and thin-bedded siltstone. The succession is predominantly comprised of the coarse clastic rocks interleaved with comparatively thin intervals (i.e., 10 m to 20 m) of the pelitic rocks. Discrete intervals of quartz tension vein arrays occurred through-out the drillholes. Structural analysis of oriented core data suggested the vein arrays are hosted in steeply-dipping brittle-ductile shear zones with a strike of 020^{o}. This analysis resulted in changing the orientation of the last four holes (i.e., 3A-11-026, 027, 029, and 030) to 160^{o} to provide a more appropriate test of the shear zone hosted quartz veins. The reoriented drillholes did intersect high-

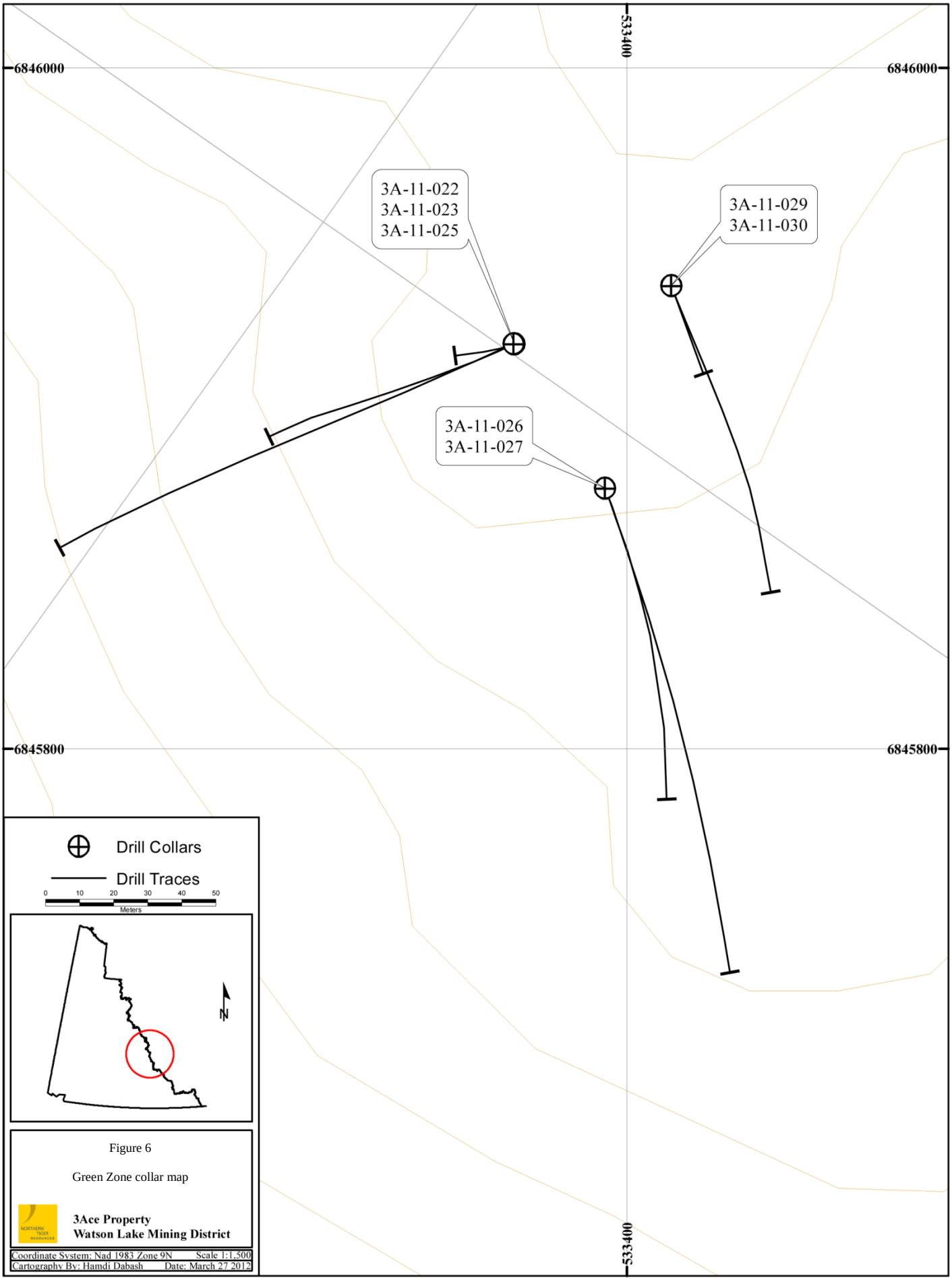
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Figure 6
Green Zone collar map
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N Scale 1:1,500
Cartography By: Hamdi Dabash Date: March 27 2012

grade Au mineralisation, however, the understanding of the structural controls on mineralisation at the Green Zone is improving and the results should be reviewed based on the newly developing ideas.

Alteration at the Green Zone is comprised of limonite, desilicification, argillic clay, iron carbonate, chlorite, and scorodite. Limonite is pervasive at the top of the holes, but deeper in the system is predominately fracture controlled. Argillic clay alteration is typically expressed as replacement of feldspar clasts in the quartz pebble conglomerate. Chlorite is typically only observed near the bottom of the drill holes and is generally hosted by quartz veins. It is not yet clear if the chlorite demarcates the outer limits of a more oxidised alteration halo, or if an unidentified fault juxtaposes the two alteration systems. Scorodite is a unique component of the system at the Green Zone. On surface scorodite was commonly associated with weathered arsenopyrite. However, a brittle fault zone intersected in 3A-11-023 from 155.2 m - 157.9 m contained strong, fracture controlled scorodite, which overprinted and older, brittle-ductile shear zone. The older shear zone was delineated by a foliated quartz vein breccia with 6.0% arsenopyrite, 4% pyrite, and 3.36 g/t Au.

Table 8 presents the significant assay results at the Green Zone. The best interval was 3.0 g/t Au over 2.7 m within the scorodite fault zone in 3A-11-023. However, a total of 39 samples returned assays greater than 0.2 g/t Au and each of the holes drilled at the Green Zone returned intervals of greater than 0.5 g/t Au. Mineralisation is characterised by pyrite+arsenopyrite±Au. Arsenopyrite is common throughout the zone and locally fine-grained, disseminated arsenopyrite, associated with anomalous Au, forms halos in the wallrock around fault zones (i.e., 3A-11-027). Trace amounts of disseminated arsenopyrite are commonly observed in a medium-grained arkosic sandstone unit intersected at the bottom of the drillholes, but was not accompanied by significant gold mineralisation.

The broad distribution of anomalous gold throughout the Green Zone drillholes is interpreted to be indicative of a broader, structurally controlled hydrothermal fluid system. The topography and extensive talus cover of the Green Zone inhibits geological mapping, essentially creating a blind target. Although the 2011 assay results were not as

Table 8 Table of Significant Results at the Green Zone							
Hole	**Zone**	**Azimuth**	**Dip**	**EOH (m)**	**Interval (m)**	**Width (m)**	**Gold (g/t)**
3A-11-22	Green	245°	60	300	48.6 – 50.6	2.0	0.72
3A-11-23	Green	245°	75	306	155.2 – 157.9	2.7	3.00
3A-11-25	Green	245°	85	283	147.2 – 150.0	2.8	0.83
3A-11-26	Green	160°	60	306	13.5 – 15.0	1.5	0.81
3A-11-27	Green	160°	75	354	296.2 – 301.3	5.1	0.62
3A-11-30	Green	160°	75	372	97.0 – 98.3	1.3	0.64

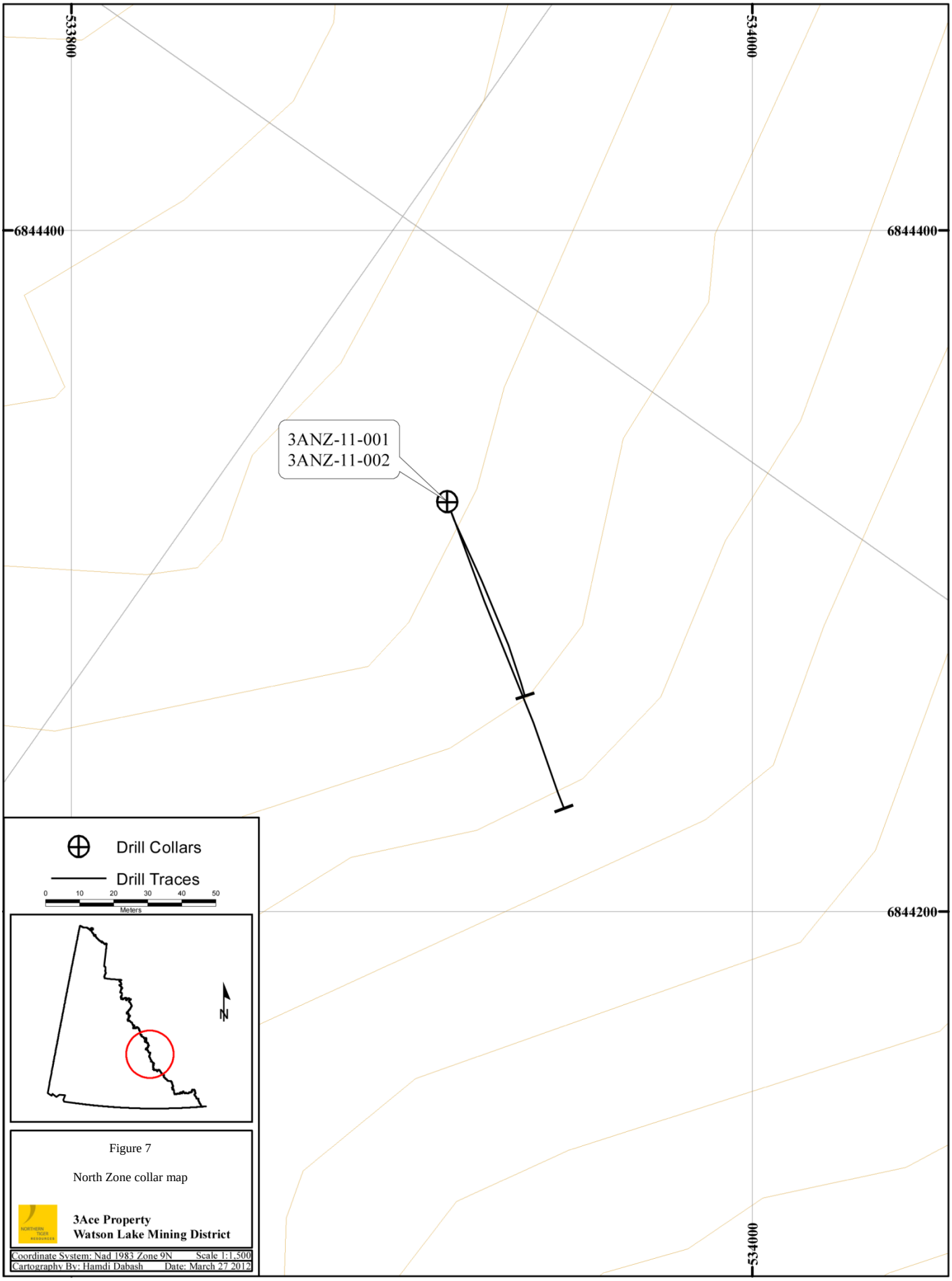
extensive as suggested by previous surface sampling, there still remains a viable exploration target at the Green Zone.

13.3 North Zone

The North Zone is where visible gold was first identified by Hudson Bay Mining in 1998 (Buchanan, 1999) . The surface showing is comprised of thin, complex quartz tension vein arrays (TVA). The steeply dipping fault zone that controls the TVA trends east-southeast and is predominately hosted by thicked-bedded quartz pebble conglomerate packages interbedded with arkosic sandstone. The veins system hosts abundandant coarse-grained arsenopyrite, pyrite, and visible gold. Alteration associated with the veins is predominantly comprised of iron carbonate alteration and pyrite that has oxidised to limonite across much of the surface showing. Locally, where quartz veins are abundant, the alteration forms zones of intense, pervasive iron carbonate and limonite altered wall rock. The vein and alteration system can be traced for 250 m along strike and over 75 m across strike at the North Zone, forming a large, attractive exploration target.

Hudson Bay Mining Company drilled a single hole, HB-99-03, at the North Zone in 1999. However the hole was targeted approximately 150 metres northeast of the primary showing and it does not appear the drillhole was appropriately targeted to test the vein system at the North Zone. There were no siginificant gold intersections in this hole and Hudson Bay Mining concluded the North Zone did not contain the potential to host a large, high-grade gold deposit.

Two holes (i.e., 416 m) were drilled during the 2011 field season, targeting the main outcrop with visible gold, arsenopyrite, and pyrite mineralisation (Figure 7). The holes intersected 68 m of interbedded quartz pebble conglomerate and arkosic sandstone.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Drill Collars
Drill Traces
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Meters
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Figure 7
North Zone collar map
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N Scale 1:1,500
Cartography By: Hamdi Dabash Date: March 27 2012

Underlying the clastic rocks was a broad, 125 m interval of black phyllite. The upper clastic portions of the drillholes were strongly faulted and characterised by extensive brecciation and quartz veining. In contrast to the other zones, brittle-ductile shear zones were well developed in throughout the lower phyllite unit. The shear zones are characterised by narrow intervals of graphitic gouge and broader damage zones of folded and boudinaged quartz tension vein arrays. In the clastic intervals strong, pervasive alteration is comprised of limonite, argillic clays, desilicification, quartz-carbonate veins and patchy silicification. In the phyllite the alteration is constrained to the quartz veins and gouge zones in the phyllite, where it is comprised of chlorite, carbonate, graphite and grey clay.

The results of the North Zone drilling were disappointing. Visible gold was observed at 38.9 m in 3ANZ-11-001. This corresponded to an assay of 0.4 g/t Au over 0.5 m, an underwhelming gold assay for an interval in which a large (1 mm) flake of gold was observed. There were no significant results from 3ANZ-11-002, a scissor hole on the same pad as 3ANZ-11-001.

Buchanan (2010) suggested the stratigraphy at the North Zone was comprised of a thick, >100 m, succession of quartz pebble conglomerate and arkosic sandstone striking east-west and dipping moderately to the north. The comparatively thin intersection of clastic rocks in the 2011 drillholes indicates that this geological interpretation is incorrect. The implication of the 2011 drillhole data is that a significant fault, or unrecognized fold closure, is obscured by the extensive alpine meadow at the North Zone. No further drilling is recommended at the North Zone until trenching and associated mapping refine the structural and geological model for this area.

13.4 Road Showing

The Road Showing is one of the original discoveries in the Little Hyland valley. The prospect is comprised of roadside outcrops that extend for 300 m along the edge of the Nahanni Range road and a small trench. Previous work in the vicinity of the prospect indicated that Au and Ag mineralisation is associated with As and disseminated alteration. McMillan (2001) reported a grab sample assay of 7.8 g/t Au and 40 g/t Ag from a rock sample of quartz pebble conglomerate, quartz veins, and massive arsenopyrite. A second sample collected from the trench at the Road Showing returned

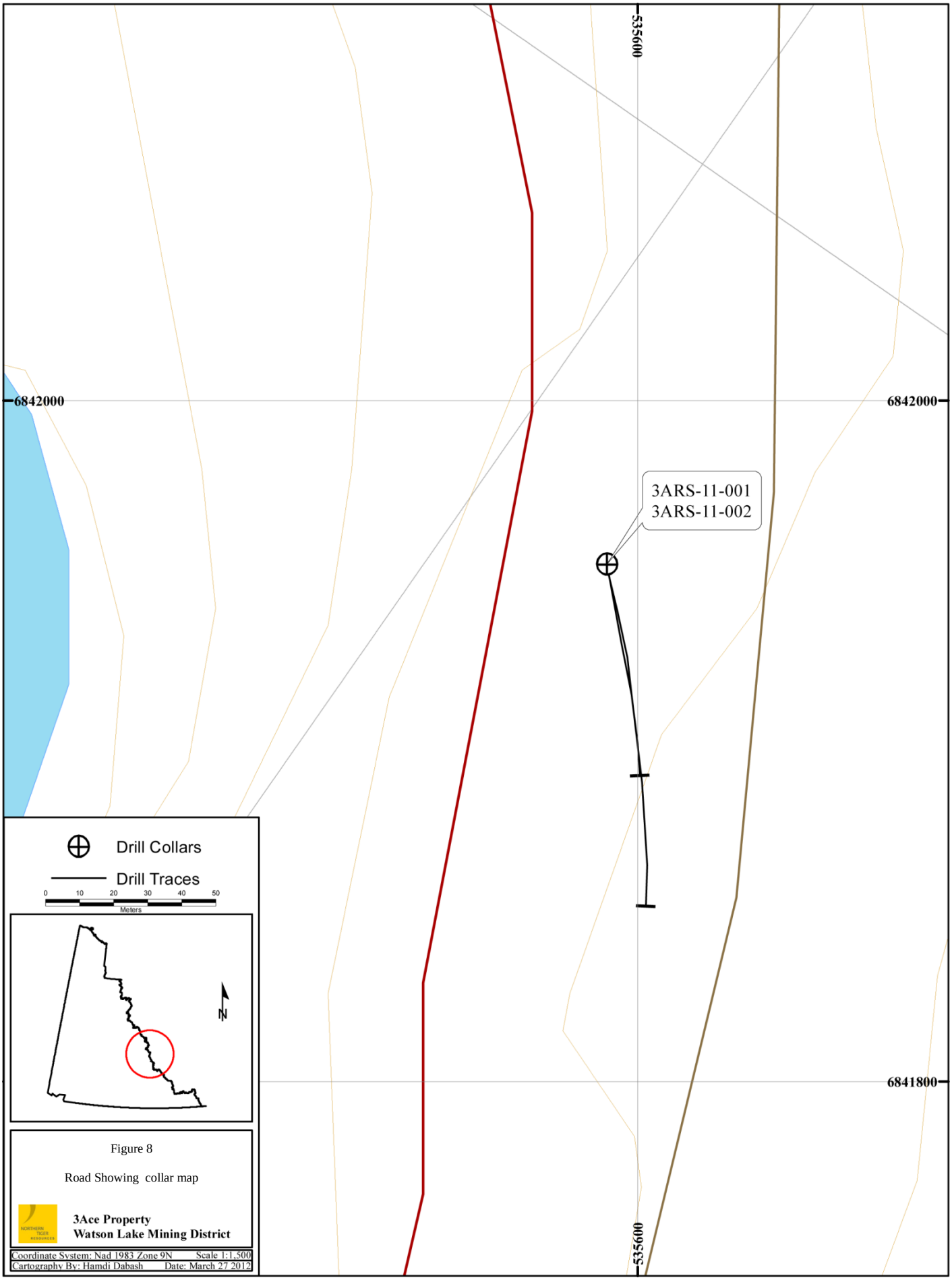
an assay of 28.0 g/t Au (McMillan, 2005). Subsequent work in the vicinity of the trench, by North American Tungsten, identified coincident Au and As anomalies centred over the original trench (Casselman, 2005). Although this showing has not been heavily worked by Northern Tiger Resources a few visits to the prospect and a review of the historical data indicated the presence of a subcropping zone of mineralisation. A drill collar was positioned 25 m north of the trench in order to target the trench and central portion of the soil anomaly and two drill holes (i.e., 462 m) were drilled on the set-up (Figure 8).

Table 9 presents the significant assay results from the two drill holes at the Road Showing Prospect. The holes intersected an interbedded succession of quartz pebble conglomerate, arkosic sandstone, and phyllite. The initial 56 m of the drill holes was predominantly coarse-grained clastic rocks with associated quartz veins, fault gouge, and alteration. The deeper portions of both holes are predominantly black phyllite with short interbeds of arkosic sandstone and thin-bedded black and grey argillite. The best structure, alteration, and sulphide mineralisation (i.e., arsenopyrite and pyrite) was located within the first 60 m of both holes at the Road Showing. The mineralisation was hosted in brecciated quartz veins and generally had a modal abundance of approximately 0.5% to 1%. Although the visible indicatations were good for Au mineralisation only anomalous gold concentrations in the order of 0.2 g/t to 0.76 g/t was intersected at the Road Showing. A segment of core with strong quartz veining and massive arsenopyrite veins was recovered from casing that ran 2.99 g/t, however, it is not known if it the sample was in-place or a boulder in the overburden.

Table 9 Table of significant results at the Road Showing

Hole	Zone	Azimuth	Dip	EOH (m)	Interval (m)	Width (m)	Gold (g/t)
3ARS-11-01	Road	170^{o}	60	225	48.0 – 49.0	1.0	0.76
3ARS-11-02	Road	170^{o}	75	340	**66.5 – 67.5**	**1.0**	**0.61**
				Including	71.5 – 72.5	1.0	0.45

The results from the first drill test of the Road Showing demonstrated the presence of structurally controlled anomalous gold mineralisation hosted by coarse-grained clastic rocks of the Yusezyu Formation. The narrow, low-grade intersections at this prospect require follow-up, but more ground work, including trenching and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6842000
3ARS-11-001
3ARS-11-002
6841800
535600
Drill Collars
Drill Traces
0 10 20 30 40 50
Meters
N
Figure 8
Road Showing collar map
3Ace Property
Watson Lake Mining District
Coordinate System: Nad 1983 Zone 9N Scale 1:1,500
Cartography By: Hamdi Dabash Date: March 27 2012

prospecting should be completed prior to a second phase of drilling. The Road Showing will not be a high-priority exploration target for Northern Tiger Resources in 2012.

14.0 Conclusions and Recommendations for Future Work

14.1 General Conclusions

The 2011 exploration program on the 3Ace Property successfully identified new regional and property scale exploration targets and expanded the strike and dip extent of gold mineralisation at the Main Zone. Drilling results at the other three zones were less encouraging, but anomalous to sub-gram per ton gold was intersected at each of the zones.

The current exploration strategy on the 3Ace Property is based on the metallogenic models presented for orogenic gold deposits. These types of deposits have been described extensively throughout the northern Cordillera of Alaska and BC (e.g., Groves et al., 1998; Kerrich, 2000; Goldfarb et al., 2001; Goldfarb et al., 2004), but have not been extensively explored for in Yukon Territory. The primary characteristics of the 3Ace Property that make the orogenic gold model an appropriate analogy for the property are: mid- to upper-crustal level crack-seal style quartz veins, high competency contrast between lithologies, transextensional crustal-scale regional faults that provide fluid pathways for deeply sourced metamorphic fluids, and a prolonged polyphase deformation history that allowed multiple generations of fluid to pass through the region.

At the Main Zone the best intersections of gold mineralisation and associated alteration form where the brittle-ductile to brittle faults transect the clastic components of the stratigraphy. Relative to the phyllite these competent rocks have been strongly fractured and brecciated within the faults and their enveloping damage zones. The structural preparation of the wallrock enhances fluid flow along the fault system and within the stratigraphy. Exposed fault-fill quartz veins at the Main Zone have distinct extensional step over zones between the vein segments. This characteristic of the lower order faults is expected to be repeated by the higher order faults (i.e., Main Zone Fault). This hypothesis implies the presence of extensional faults within the bigger scale step over zones, a structural feature that provides pathways for deeply sourced hydrothermal fluids to migrate through the zone.

The primary structural and stratigraphic controls on the gold mineralisation at the Main Zone are repeated at each of the zones on the 3Ace Property. The areal extent of

the Au-in-soil anomalies is interpreted to indicate the presence mineralised fault systems intersecting the clastic stratigraphy. However, narrowing down the location of the faults is difficult due to poor exposure along the flanks of the ridge and talus slopes (i.e., Sleeping Giant and Green Zone West zones and the Kaiser Trend).

The 2011 exploration program on the 3Ace Property demonstrated the potential for significant gold mineralisation at the Main Zone. The Main Zone target also remains open along strike and to depth. Additionally, the silt and soil sampling programs identified multiple new exploration targets, both proximal to the Main Zone and across the extent of the property.

14.2 Recommendations for Future Work

The results of the 2011 exploration program warrant further exploration work. Six general recommendations and considerations for future work are discussed below:

1. **Soil Sampling:** The 2011 soil program was extensive and covered all the ground between the Green and Main zones. However, three of the gold-in-soil anomalies occur along the edge of the completed grid: the eastern extent of Green Zone East, east of the Main Zone, and the northwestern end of the Kaiser Trend. The soil grid should be expanded in each of these areas to evaluate the potential for mineralisation outside the current grid. It is estimated that 1500 soil samples would adequately cover these areas.

2. **Follow-up on 2011 Silt Anomalies:** The 2011 silt survey identified 11 new Au and Cu occurrences across the 3Ace Property. Limited follow-up, by prospectors, on these new occurrences was completed during the 2011 field season, but no systematic evaluation of these targets was completed. It is highly recommended that reconnaissance soil sampling, prospecting, and geological mapping be completed to fully evaluate each target. It is estimated that 2000 soil samples and 88 man-days will be required to evaluate the occurrences.

3. **Geophysics:** The 2011 airborne geophysical survey was left incomplete. It is recommended that the remainder of the property be flown to acquire the data. The magnetic and radiometric data will be useful for mapping structures and lithology across the property, two important components of the exploration model.

4. **Geological Mapping:** The geological mapping program was limited in 2011 due to weather and scheduling conflicts. North the Green Zone the area is underlain by a package of calcareous sedimentary rocks similar to the Algae Lake fm., a unit that is geochemically favourable to precipitate gold. However, very little is known about the previously unrecognized stratigraphic unit. Regional, 1:50,000 mapping should be completed over the northern half of the property to evaluate its potential for mineralisation.

5. **Regional Data Compilation:** Northern Tiger Resources has started to understand the first order structural controls on the area and the role of the regional fault systems in mineralisation. The fault geometry presented in Figure 3 represents a regional scale pattern that can be utilised to evaluate prospective targets in the Hyland Valley area. A desktop study and review of the regional geology, geochemistry, lineament analysis, and known occurrences should be completed to generate new target areas.

6. **Drilling:** The 2011 drilling program successfully extended the Main Zone and demonstrated the presence of significant Au mineralisation at this prospect. Although, drill results were discouraging at the other zones, anomalous gold was intersected at each one, further drilling is recommended for the 3Ace Property

Reverse Circulation

A reverse circulation (RC) drill is recommended for efficiently testing shallow blind and indistinct targets. Samples from an RC drill may not accurately represent the gold concentration, but the rate of drilling and ease of moving the rig out weights some of these disadvantages. An RC rig is able to rapidly drill fences of shallow holes across an area with minimal helicopter support. This allows targets like the Kaiser Trend to be efficiently tested by drilling and identify more discreet anomalies to test with the diamond drill. A total of 5,000 m of RC drilling is recommended to test the strike extent of the Main Zone, the Kaiser Trend, the Sleeping Giant Zone, and accessible portion of the Green Zone West.

Diamond Drilling

Diamond drilling is the best method of testing and evaluating structure, lithology, and grade. Furthermore, several of the targets will require pads to be built on rugged, inaccessible terrane, and several of the follow-up targets at the Main Zone Require 275 m holes to test the down plunge projection of the high-grade ore shoot. A total of 3000 m of diamond drilling is recommended for the 3Ace Property in 2012. Table 10 lists the breakdown of the recommended meterage at each zone.

Table 10 List of diamond core meterage at each zone

Zone	No. of Holes	Meterage
Main Zone	7	1400
Sprogge	4	800
Green Zone East	4	800
Total	**15**	**3000**

The recommended work program is estimated to cost approximately $2,038,585. Table 11 presents a simplified breakdown of the program and the estimated cost for each recommendation. This budget does not include camp operations, which are normally outside the exploration expenditures.

Table 14.2 Estimated budget for recommended work program

	Total Expenditures ($)	
	South Claim Group	**Notes**
Wages: 466 person days	$198,050	
Analytical Charges - Rock Samples	$25,000	rock samples @ $50
Analytical Charges - Soil Samples	$140,000	soil samples @ $40
Analytical Charges - Drill Core Samples	$85,000	core samples @ $50
Diamond Drilling	$675,000	All in costs $225/m
Reverse Circulation Drilling	$500,000	flat rate contract
Geophysics: airborne magnetics	$100,000	1500 line km @ $61.62 per km
Transportation: Helicopter	$221,850	153 hours flying @ $1,450 per hour
15% contingency	$291,735	
TOTAL EXPENDITURES	**$2,038,585**	

15.0 References

Bidwell, G., and Schulze, C.M., 1996, Sprogge Property: 1996 Exploration Program, Watson Lake Mining District: Battle Mountain Canada Ltd. Yukon Geological Survey Assessment Report 93586.

Brownlee, D., and Johnson, G., 2001, 2000 Geological and Geochemical Assessment Report on the Sprogge Property: NovaGold Resources Ltd. Yukon Geological Survey Assessment Report 094225, 124 p.

Buchanan, M.D., 2000a, Diamond Drilling, Hit Property: Hudson Bay Exploration and Development Corporation Limited Yukon Geological Survey Assessment Report 94112, 75 p.

Buchanan, M.D., 2000b, Geochemical Survey, 3Ace Property: Hudson Bay Exploration and Development Corporation Limited Yukon Geological Survey Assessment Report 94077, 111 p.

Buchanan, M.D., 2000c, Geochemical Survey, Hat Property: Hudson Bay Exploration and Development Corporation Limited Yukon Geological Survey Assessment Report 94114, 56 p.

Buchanan, M.D., 1999, Geochemical Survey, Hit Property: Hudson Bay Exploration and Development Corporation Limited Yukon Geological Survey Assessment Report 93975, 100 p.

Buchanan, C.R., 2010, Summary of the 2010 structural analysis and mapping program on the 3- Aces Property, YT: Buchanan Geoscience Services Unpublished Company Report, 11 p.

Casselman, S., 2005, Report on the 2005 Line-Cutting, Soil Sampling, Hlem and Magnetic Survey Program on the 3 Ace Property, Little Hyland River Area, Yukon: North American Tungsten Corporation Ltd. Yukon Geological Survey YMIP 05-060, 76 p.

Colpron, M., 2012, Preliminary observations on the geology of the Rackla belt, Mount Ferrell map area (NTS 106C/3), central Yukon, *in* MacFarlane, K.E. and Sack, P.J. eds., Yukon Exploration and Geology 2011, Yukon Geological Survey, Whitehorse, YT, p. 27–43.

Goldfarb, R.J.., Ayuso, R.A.., Miller, M.L.., Ebert, S., Marsh, E.E.., Petsel, S.A.., Miller, L.D.., Bradley, D.C.., Johnson, C.A.., and McClelland, W.C.., 2004, The Lake Cretaceous Donlin Creek gold deposit, Southwestern Alaska; controls on epizonal ore formation: Economic Geology and the Bulletin of the Society of Economic Geologists, v. 99, no. 4, p. 643–671.

Goldfarb, R.J., Groves, D.I., and Gardoll, S., 2001, Orogenic gold and geologic time: a global synthesis: Ore Geology Reviews, v. 18, no. 1-2, p. 1–75, doi: 16/S0169-1368(01)00016-6.

Goodfellow, W.D., 2007, Base Metal Metallogeny of the Selwyn Basin, Canada, *in* Goodfellow, W.D. ed., Mineral deposits of Canada : a synthesis of major deposit-types, district metallogeny, the evolution of geological provinces, and exploration methods, Geological association of Canada mineral deposits division, St. John's, p. 553–579.

Gordey, S.P., and Anderson, R.G., 1993, Evolution of the Northern Cordilleran Miogeocline, Nahanni Map Area (105I), Yukon and Northwest Territories: Geological Survey of Canada.

Groves, D.I., Goldfarb, R.J., Gebre-Mariam, M., Hagemann, S.G., and Robert, F., 1998, Orogenic gold deposits: A proposed classification in the context of their crustal distribution and relationship to other gold deposit types: Ore Geology Reviews, v. 13, p. 7–27.

Hart, C.J.R., and Lewis, L.L., 2006, Gold mineralization in the upper Hyland River area: a non-magmatic origin, *in* Emond, D.S., Bradshaw, G.D., Lewis, L.., and Weston, L.H. eds., Yukon Exploration and Geology 2005, Yukon Geological Survey, p. 109–125.

Kerrich, R., 2000, The geodynamics of world-class gold deposits; characteristics, space-time distribution, and origins: Reviews in Economic Geology, v. 13, p. 501–551.

McMillan, L., 2005, 2003-2004 Assessment Report: Results of Prospecting and Geochemical Sampling: Alex McMillan Exploration Yukon Geological Survey Assessment Report 094580, 26 p.

McMillan, L., 2001, 3 Ace Target Analysis Program, YMIP 01-017: results of geochemical survey and rock sampling: Alex McMillan Exploration Yukon Geological Survey Assessment Report 094318, 26 p.

Roots, E.F.., Green, L.H.., Roddick, J.A.., and Blusson, S.L.., 1966, Geology, Frances Lake, Yukon Territory and District of Mackenzie: Geological Survey of Canada Map 6-1966.

Schulze, C.M., 1998, 1997 Geological, Geochemical, and Trenching Report on the Sprogge 1-74 and Justin 1-25 Claims, Volume 1: Battle Mountain Canada Ltd. Yukon Geological Survey Assessment Report 093783, 94 p.

Schulze, C.M., and Buchanan, C., 2010, Assessment Report on the 2010 Geological and Geochemical Programs On the 3ACE Property, Southeast Yukon: Northern Tiger Resources Inc. Yukon Geological Survey Assessment Report, 400 p.

Schulze, C.M., and Johnson, G., 2000, 1999 Geological and Geochemical Assessment Report on the Sprogge Property: NovaGold Resources Ltd. Yukon Geological Survey Assessment Report 94128, 27 p.

Scott, E., 1999, 1998 Geological and Geochemical Assessment Report on the Sprogge Project: Battle Mountain Canada Ltd. Yukon Geological Survey Assessment Report 93959, 171 p.

Walker, J.D., and Geissman, J.W., 2009, 2009 GSA Geologic Time Scale: GSA Today, v. 19, no. 4, p. 60–61, doi: 10.1130/1052-5173-19.4-5.60.

17.0 Certificates of Authors

I, Chris R. Buchanan, M.Sc., PGeol hereby certify that:

1. I am currently employed as Senior Geologist by Northern Tiger Resources Inc., located at the following address: Suite 220, 17010-103 Ave. NW, Edmonton, AB T5S 1K8.

2. I graduated with an Honours Bachelor of Science, co-op degree in Geology from the University of Waterloo, Waterloo, Ontario, in 1997. I obtained a Masters of Science degree in Geology from Memorial University of Newfoundland, St. John's, Newfoundland and Labrador, in 2004.

3. I am registered as a Professional Geologist with the Professional Engineers, Geologists and Geoscientists of Alberta (APEGA) since 2012, member number 142930.

4. I have worked as a Professional Geoscientist since graduation with an Honours Bachelor of Science, co-op degree from the University of Waterloo, including defending research for a Masters of Science degree from Memorial University of Newfoundland in 2004.

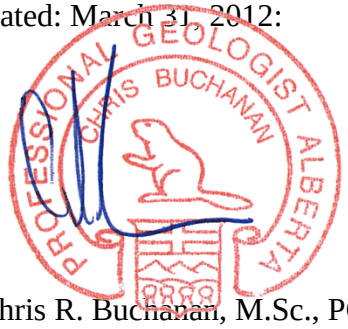
5. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify by reason of my education, work experience and registration with APEGGA that I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for the preparation, in its entirety, of the technical report titled "Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.." The report, dated March 31, 2012, was prepared for Northern Tiger Resources Inc., relating to the 3Ace Property.

7. I currently hold options to purchase stock in Northern Tiger Resources Inc.

8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public.

Dated: March 31, 2012:



Chris R. Buchanan, M.Sc., PGeol

I, Bonnie Pollries, B.Sc., G.I.T., hereby certify that:

1. I am currently employed by Northern Tiger Resources Inc. as an Exploration Geologist, located at the following address: Suite 220, 17010-103 Ave. NW, Edmonton, AB T5S 1K8.

2. I graduated with a Bachelor of Science degree with Specialization in Geology from the University of Alberta, Edmonton, Alberta, in 2009.

3. I am registered as a Geologist in Training with The Association of Professional Engineers, Geologists and Geoscientists of Alberta (APEGA) since 2009, member number 88909.

4. I have worked as a Geologist since graduation with a Bachelor of Science degree from the University of Alberta in 2009.

5. I have read the definition of a "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify by reason of my education, work experience and registration with APEGGA that I do **not** fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for the preparation, in part, of the technical report titled "Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.." The report, dated March 31, 2012, was prepared for Northern Tiger Resources Inc., relating to the 3Ace Property.

7. I currently hold options to purchase stock in Northern Tiger Resources Inc.

8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public.

Dated: March 31, 2012

Bonnie E. Pollries, B.Sc., G.I.T.

Appendix A
List of Personnel and Consultants

2011 3Ace Project Personnel			
Name	**Company**	**Position**	**Location**
Mitchell Anderson	All-in Exploration	Soil Sampler	Whitehorse, YT
Frank Annau	All-in Exploration	Soil Sampler	Whitehorse, YT
Joseph Reynolds	All-in Exploration	Soil Sampler-Crew Leader	Whitehorse, YT
David Ricard	All-in Exploration	Soil Sampler	Whitehorse, YT
Denis Bulmer	Aurora Geosciences Ltd	IP Tech	Whitehorse, YT
Genevieve Hetu	Aurora Geosciences Ltd	IP Tech	Whitehorse, YT
Dimitri Spassov	Aurora Geosciences Ltd	IP Tech	Whitehorse, YT
Jay Watt	Aurora Geosciences Ltd	Crew Lead	Whitehorse, YT
Juan Iten	Firestone Ventures	Geologist	Guatemala City
Ludving Monroy	Firestone Ventures	Geologist	Guatemala City
Chris Bruce	Future Metals Inc	Camp Maintenance	Whitehorse, YT
Lindsey Fraser	Future Metals Inc	Sampler/Camp Manager/OFA-3	Vancouver, BC
Neal Gregory	Future Metals Inc	Sampler	Victoria, BC
Doreen Hacker	Future Metals Inc	Geologist/Core Logger/OFA-3	Vancouver, BC
Alayne Hamilton	Future Metals Inc	Sampler	Victoria, BC
Ian MacPherson	Future Metals Inc	Chainsaw Operator/Pad Builder	Smithers, BC
Duncan McLeod	Future Metals Inc	Core Cutter	Vancouver, BC
Matt McManus	Future Metals Inc	Sampler/Camp Manager	Comox, BC
Charles Morris	Future Metals Inc	Pad-Builder/Carpenter	Watson Lake, YT
Michael Renning	Future Metals Inc	Camp Manager	Vancouver, BC
Darryl Stewart	Future Metals Inc	Camp Construction	Watson Lake, YT
Janek Wozniewski	Future Metals Inc	Sampler	Victoria, BC
Frank Mercier	Hyland Gold	Welder/Mechanic	Watson Lake, YT
Alfred Chief	James Magun Contracting	Road Construction	Watson Lake, YT
Gilbert Labine	James Magun Contracting	Road Construction	Watson Lake, YT
James Magun	James Magun Contracting	Road Construction	Watson Lake, YT
Larry	James Magun Contracting	Road Construction	Watson Lake, YT
Trevor Brown	Mel Exploration	Pad Builder	Whitehorse, YT
Kiefer Rissanen	Mel Exploration	Pad Builder	Whitehorse, YT
John Baker	Northern Tiger Resources	Camp Maintenance	Whitehorse, YT
Terrence Bertram	Northern Tiger Resources	Camp Maintenance	Brandon, MB
Chris Buchanan P.Geo.	Northern Tiger Resources	Senior Geologist	Edmonton, AB
Kevin Charlie	Northern Tiger Resources	Pad Builder/Core Cutter	Watson Lake, YT
Patricio Dagnino	Northern Tiger Resources	Core Cutter	Kamloops, BC
Peter Donnessey	Northern Tiger Resources	Core Cutter/Winterization	Watson Lake, YT
Rene Lalonde	Northern Tiger Resources	Geotech	Vancouver, BC
Cara Long	Northern Tiger Resources	Cooks Helper	Vancouver, BC
Gilbert Lushman	Northern Tiger Resources	Prospector	Deer Lake, NL
Jacob Lushman	Northern Tiger Resources	Prospector	Deer Lake, NL
James MacDonald	Northern Tiger Resources	Sampler	Halifax, NS
Trevor Magun	Northern Tiger Resources	Slasher/Camp Worker	Watson Lake, YT
Jim McFaull	Northern Tiger Resources	Geologist	Whitehorse, YT
Agnes McIntosh	Northern Tiger Resources	Cook	Watson Lake, YT
Alex McMillan	Northern Tiger Resources	Prospector	Watson Lake, YT
Mary McMillan	Northern Tiger Resources	Sampler/GeoTech/OFA-3	Vancouver, BC

2011 3Ace Project Personnel			
Name	**Company**	**Position**	**Location**
Emily Miller GIT	Northern Tiger Resources	Geologist	Vancouver, BC
Albert Morris	Northern Tiger Resources	Pad-Builder/Carpenter	Watson Lake, YT
Joe Morris	Northern Tiger Resources	Winter Camp Caretaker	Watson Lake, YT
Tommy Morris	Northern Tiger Resources	Camp Construction/Winterization	Watson Lake, YT
Paul Noseworthy	Northern Tiger Resources	Prospector	St. John's, NL
Dennis Ouellette P.Geo.	Northern Tiger Resources	VPEx/Geologist	Edmonton, AB
Bonnie Pollries GIT	Northern Tiger Resources	Camp Supervisor/Geologist	Edmonton, AB
Kate Simpson	Northern Tiger Resources	Cooks Helper	Merrit, BC
Sheila Stewart	Northern Tiger Resources	Cooks Helper/Camp Worker	Watson Lake, YT
Tracy Taporowski	Northern Tiger Resources	Cook	Whitehorse, YT
Phil Thompson	Northern Tiger Resources	Heavy Equipment Operator	Watson Lake, YT
Max Weiss	Northern Tiger Resources	Mechanic/Equipment Operator	Watson Lake, YT
Shaunaugh Whelan	Northern Tiger Resources	Geologist	Edmonton, AB
Ken Wolftail	Northern Tiger Resources	Chainsaw Operator/Pad Builder	Watson Lake, YT
Jounada Oueity P.Geop.	Precision GeoSurveys	Geophysicist	Vancouver, BC
Dan Kolasko	Quantum	Engineer	Vancouver, BC
Dean Scarrow	Quantum	Pilot	Vancouver, BC
Ryan Schmidt	TerraLogic	Core Cutter	Vancouver, BC
Gerald Storbo	Twilite Services	Equipment Operator	Watson Lake, YT

Appendix B

Analytical Procedures and Quality Control and Assurance Protocol

Analytical Procedures at Inspectorate Exploration & Mining Services Ltd.

Samples collected on the 3Ace Property were analysed by Inspectorate Exploration & Mining Services Ltd. of Vancouver, BC (Inspectorate). All samples collected during the 2011 program were analysed for gold by fire assay and a 49 element suite by ICP-AES or ICP-MS. The sample processing and digestion technique utilised was determined by the type of sample; as such appropriate techniques were used for silt, soil, and rock/core samples.

The following sections describe the sample processing and digestion protocol used for the geochemical analysis of the 2011 geochemical samples collected on the 3Ace Property.

Sample Preparation

The samples are submitted to the Inspectorate preparation facility in Whitehorse, YT. Soil and Silt samples are dried at 60^{o}C, sieved to 180 µm and riffle split (i.e., package SP-SS-1K). Rock and core samples are crushed and pulverised to 75 µm and riffle split (i.e., package SP-RX-2K). Aliquots, riffle split from the pulp, are shipped to Vancouver, BC for geochemical analysis at the Inspectorate Laboratory.

Silt and Soil Samples

Silt and soil samples collected on the 3Ace Property are processed using the same analytical techiniques, package 50-AR-UT. The samples are crushed, ground and a 5 g sample is split for analysis. An aqua regia digestion is used to dissolve the sample, which is subsequently diluted with deionised water for analysis. The aqua regia digestion adequately dissolves base metals, but not silicate and oxide minerals. As a result lower levels will be reported for a suite of elements commonly incorporated into these minerals. The elements are Al, K, Mg, Ti, Ba, La, W, and Sr. If more detailed and accurate analyses of these particular elements are required then more complete digestion techniques (e.g., lithium metaborate fusion) should be considered.

Rock and Core Samples

All rock and core samples collected on the project were processed using a four acid digestion, package 50-4A-UT. The 4-acid digestion is adequate for most metallic elements. However, it may not completely digest more refractory elements (i.e., Zr and rare earth elements). As discussed above a more complete digestion is required for these elements. Additionally, the sample heating process may adversely affect the accuracy of

measurements for volatile elements like Hg and As. If these elements are required for analysis a more appropriate analytical technique should be selected.

Fire Assay Protocol

Gold is analysed by fire assay at Inspectorate using standard procedures. A 30 g sample is mixed with PbO flux in an earthenware crucible. Silver nitrate is added to the sample as a collector and the mixture is heated to 1060^{o}C for an hour. After removal from the fire assay oven the slag is poured of the sample, leaving a Pb button in the mold. The Pb button is cupelled at a temperature of 950^{o}C, separating Pb from the remaining Ag 'doré' bead, which contains the gold. The doré bead is heated in nitric acid, leaving behind a gold flake. After being washed in deionised water the Au concentration is measured by atomic absorption. If the Au concentration exceeds the upper limit of atomic absorption the sample will be weighed gravimetrically.

Quality Control and Assurance (QA\QC) Protocol

A system of blank, duplicate, and standard reference material (SRM) samples were utilised for QA\QC on the 3Ace Property. The insertion frequency for the drill core alternated between blank/SRM and blank/duplicate samples, every 38 samples. This ensured that at least one complete set of QA/QC samples was included in every sample batch. Additional blanks were inserted into the sample after mineralised or strongly altered intervals of core. For the soil program a field duplicate was collected at every 38th sample station.

The blank for the 2011 program was pre-packaged crushed limestone purchased at Home Hardware in Whitehorse, YT. Au assays for the suite of blank samples were all less than three times the detection limit. This indicates the crushed limestone is an appropriate blank for gold mineralisation on the property.

Field duplicate samples were generated on site by quartering the drill core. The initial sample of half core was cut and packaged and a second sample was cut from the remaining core to represent the duplicate sample. The results of the duplicate samples suffered from nugget gold assay, similar to the main assay dataset. The only clear result from the duplicate dataset is that gold is not distributed homogenously throughout the core, an attribute of mineralisation that was already clear from the assay data.

A single SRM was used on the 3Ace drill program in 2011. It was purchased from CDN Resource Laboratories Ltd. in Langley, BC. The SRM certificate number

CDN-GS-8B. The recommended values of this standard in 7.76 ±0.42 g/t Au for fire assay with AA/ICP finish and 7.72 ± 0.32 g/t Au for fire assay with gravimetric finish. The SRM was prepared from Devonian carbonates in northern Nevada, which means it may not be the most appropriate material for testing the clastic sedimentary hosted gold system at the 3Ace Property. A total of 65 SRM samples were inserted into the sample stream during the drill program. Only two of the samples exceeded the lower 2-sigma boundary, and none of the samples exceeded the lower 3-sigma boundary; although sample 29668 returned an Au concentration of 6.51 g/t, which lies on the lower 3-sigma boundary. The results of the SRM assays indicate that no significant QA/QC issues are present in the 2011 geochemical data from Inspectorate.

Chain of custody of the samples was maintained throughout the project. Samples were collected by project personnel and placed into tagged sample bags sealed by plastic zip ties. The samples were stored in rice bags on the property until the samples were picked up for delivery to the Inspectorate prep lab in Whitehorse, YT. The samples were initially expedited by Hyland Gold Inc., Watson Lake, YT, but issues arose with the timing of sample delivery to the lab. To resolve this chain of custody concern Inspectorate picked up the samples with their own truck, unfortunately the truck broke down and a third shipping solution was required. Twilite Services of Watson Lake, YT expedited the samples for the remainder of the summer. The samples were picked up in camp and delivered the following day to Inspectorate in Whitehorse, YT. A chain of custody form, containing a list of shipped samples, was transported by the driver and signed by both project personnel and Inspectorate personnel. Security tags were utilised to ensure the integrity of the rice bags during transportation by a third-party. The security tag numbers were recorded by project personnel and Inspectorate confirmed the tags were intact upon receipt of the sample shipment.

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 2: Appendix C: Detailed Sample Descriptions and Appendix D: 2011 Drill Cross-Sections

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
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Northern Tiger Resources Inc.
March 31, 2012

Appendix C

Lists of Sample Locations and Descriptions
(UTM coordinates are in NAD83, Zone 9)

Rock Samples
Silt Samples
Soil Samples

Rock Sample Descriptions

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
116051		533415	6844158	MTM	OC													
20101	YD07124	533644	6843914	BEP	OC	QV	wh	C		L1	fecb1	chl1						
20102	YD07124	533709	6843844	BEP	OC	QV	wh			Ser1	chl1		Mn	0				
20103	YC89527	532842	6845081	BEP	OC	PHY	blk						Hm	10				
20104	YC89527	532839	6845077	BEP	OC	QV	wh-or			L1			ASP	0	PY	0.1	Hm	0.1
20105	YD24707	537085	6839069	NG/AH	Flt	QPC	gry-brn			L2			Mal	10	CPY	1		
20106	YC89527	532799	6845127	BEP	OC	QV	wh-or			L2			Mn					
20107	YC72446	534028	6845783	BEP	OC	QV	wh-or			L2								
20108	YC72446	534028	6845783	BEP	OC	QV	wh-or			L2	Hm1		ASP					
20109	YC72446	534028	6845783	BEP	OC	QV	wh-or			L3			ASP		Scor			
20110	YC72446	534028	6845783	BEP	OC	QV	wh-or			L2	fecb2		Mn					
20111	YC72446	534174	6845727	BEP	OC	Sndst	gry		S	L1			PY		ASPY			
20112	YC72446	534174	6845727	BEP	OC	QV	wh-or			L1	fecb1							
20113	YD26299	527179	6853667	BEP	OC	QV	wh			L1			Hm					
20114	YD26300	527221	6854177	BEP	OC	QV	Wh-or			L2			ASP	1	Scor	1		
20115	YD26322	526903	6853078	BEP	OC	QPC	grn-gry			L1	Ser2		PY					
20116	YD59337	528261	6853823	BEP	OC	QV	wh			L<1								
20117		533443	6844203	BEP	Trench	QV	wh			L2			Hm	1				
20118		533429	6844193	BEP	OC	QV	wh-or			L3	Hm3							
20119	YC72727	534648	6844088	BEP/CRB	Float	QV	wh			L2			ASP	5				
20401	YD07128	532850	6844054	CRB	OC													
20402	YC89527	532837	6844954	CRB	OC													
20403	YC89527	532905	6844980	CRB	Float													
20404		536567	6840818	CRB	Float													
20405		536567	6840818	CRB	OC													
20406		536567	6840818	CRB	RC													
20408	YC89528	533054	6845428	CRB	OC													
20409	YC89528	533054	6845428	CRB	OC													
20410	YC73856	532982	6845623	CRB	OC													
20412	YC72728	533898	6844273	CRB	OC													
20413	YC72456	534701	6845545	CRB	OC													
20414	YC72456	534701	6845545	CRB	OC													
20415	YC72456	534701	6845545	CRB	OC													
20416	YD59347	528954	6854074	CRB	Float													
20417	YD59347	528956	6854026	CRB	OC													
20418		533481	6844171	CRB	Trench													
20420	YC72444	534468	6845587	CRB	OC													
20421	YC72444	534471	6845587	CRB	OC													
20422	YC72444	534452	6845638	CRB	OC													
20423	YC72444	534452	6845638	CRB	Float													
20425		535591	6841952	AM	DDH													
20601		518896	6853190	GL	OC													
20602		518913	6853220	GL	OC													
20603		518963	6853227	GL	OC													
20604		519916	6853586	GL	OC													
20651	YC89527	532785	6845002	GL	CG	Phy	Gn	S	C				PY	1	AS	2		
20652	YC89529	532613	6845248	GL	CG	QTZ	Br	S	C				AS	1	PY	1		
20653	YC73856	533062	6845817	GL	CG	QTZ	Br	S	C				AS	2	PY	1		
20654	YC73856	533049	6845829	GL	CG	QTZ	Br	S	C				AS	2	PY	1		
20655	YC73856	533022	6846006	GL	CG	QTZ	Br	S	S				AS	1	PY	1		
20656	YC73856	533045	6846080	GL	CG	QTZ	Br	S	C				AS	2	PY	1		
20657	YC73858	532720	6846120	GL	CG	QTZ	Br	S	S				AS	1	PY	1		
20658	YC73859	532830	6846591	GL	CG	QTZ	Br	S	C				AS	1	PY	1		
20659		540988	6842082	GL	rCG	Phy	Gn	P	C				AS	2	PY	1		
20660	YB85188	540996	6842084	GL	CG	QTZ	Br	P	S				AS	1	PY	1		
20661	YB85188	541003	6842058	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20662	YB85188	540989	6842091	GL	CG	Phy	Gn	S	S				AS	2	PY	1		
20663	YB85188	540983	6842106	GL	CG	QTZ	W	S	C				AS	2	PY	1		

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
20664	YB85188	540985	6842143	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20665	YB85188	540985	6842143	GL	CG	QTZ	W	S	S				AS	1	PY	1		
20666	YB85188	540985	6842143	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20667	YB85188	540975	6842171	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20668	YB85188	540970	6842187	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20669	YB85188	541137	6842075	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20670	YB85190	541284	6842303	GL	CG	QTZ	W	S	S				AS	2	PY	2		
20671	YB85190	541368	6842371	GL	CG	QTZ	W	S	S				AS	1	PY	1		
20672	YB85190	541366	6842374	GL	CG	QTZ	W	S	S				AS	2	PY	2		
20673	YB85190	541366	6842373	GL	CG	Phy	Gn	P	S				AS	1	PY	1		
20674	YB85190	541366	6842373	GL	CG	Phy	Gn	P	S				AS	1	PY	1		
20675	YB85190	541368	6842370	GL	CG	Phy	Gn	P	S				AS	2	PY	1		
20676	YB85189	540824	6842202	GL	CG	QTZ	Gn	P	S				AS	2	PY	1		
20677	YB85189	540772	6842166	GL	CG	QTZ	Gn	P	S				AS	1	PY	1		
20678	YB85189	540443	6842343	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20679	YB85187	540530	6842027	GL	CG	QTZ	W	S	S				AS	1	PY	1		
20680	YB85187	540577	6842017	GL	CG	QTZ	W	S	C				AS	1	PY	1		
20681	YB85347	541335	6841353	GL	G	SLT	wh		S	1			ASP					
20682	YB85346	541179	6841589	GL	G	QTZ	wh		S	1			ASP					
20683	YB85186	540689	6841582	GL	G	QTZ	wh		S	1			ASP					
20684	YB85352	541775	6840823	GL	G	QTZ	wh		S	1			ASP		PY			
20685	YC72730	533489	6844151	GL	OC	QTZ	brn		S	1			ASP					
20686	YC72730	533456	6844156	GL	OC	QTZ	wh		S	1			ASP					
20687	YD07126	533499	6844103	GL	OC	QTZ	wh		S	1			ASP					
20688	YD07126	533355	6844001	GL	G	QTZ	wh		S	1			ASP					
20689	YC72730	533424	6844213	GL	G	QTZ	wh		S	1			ASP					
20690	YC72730	533569	6844419	GL	G	QTZ	wh		S	1								
20691	YC72733	533541	6844751	GL	G	PHYL	grn		P	1			ASP		PY			
20692	YC72733	533534	6844836	GL	G	PHYL	grn		P	1								
20693	YD59335	528196	6853429	GL	G	PHYL	grn		P	1			ASP		PY			
20694	YD59344	528549	6853778	GL	G	QTZ	wh		S	1			PY					
20695	YD59340	528457	6852733	GL	G	QTZ	wh		S	1			ASP		PY			
20696	YD59340	528773	6852690	GL	G	SST	brn		S	1			ASP		PY			
20697	YD59340	528797	6852679	GL	G	SST	brn		S	1			ASP					
20698	YD59340	528792	6852684	GL	G	SST	gry		S	1			ASP		PY			
20699	YD59339	528904	6852387	GL	G	SLT	gry		S	1			ASP					
20700	YD59338	528675	6852368	GL	G	SLT	blk		S	1			ASP		PY			
20701	YC89530	532700	6845508	GL	G	SST	brn		S	1			PY					
20702	YE48004	532701	6865506	GL	G	SST	brn		S	1								
20703	YC89530	532699	6845514	GL	G	SST	brn		S	1								
20704	YC89530	532474	6845441	GL	G	SST	blk		S	1								
20705	YC89530	532521	6845412	GL	G	QZ	wh		S	1			PY					
20706	YD29195	532515	6845636	GL	G	QZ	wh		S	1			ASP		PY			
20707	YC89530	532519	6845541	GL	G	QZ	wh		S	2			ASP		PY			
20708	YD29195	532340	6845560	GL	G	QZ	wh		S	1			PY					
20709	YE85664	539903	6843773	GL	G	QZ	wh		S	1			PY		ASP			
20710	YB85376	539031	6843247	GL	G	SST	brn		S	1								
20711	YB85376	539019	6843200	GL	G	SST	brn		S	1								
20712	YB85376	539068	6843107	GL	G	QZ	wh		S	1								
20713	YB85377	539369	6842875	GL	G	QZ	wh		S	1			ASP		PY			
20714	YB85377	539369	6842875	GL	G	QZ	wh		S	1			ASP		PY			
20715	YB85377	539369	6842875	GL	G	QZ	wh		S	1			ASP		PY			
20716	YB85377	539437	6842895	GL	G	QZ	wh		S	1			ASP					
20717	YB85364	539748	6842690	GL	G	SST	brn		S	1			chalco-PY		PY			
20718	YB85364	539899	6842586	GL	G	QZ	wh		S	2			ASP					
20719	YB85364	539875	6842483	GL	G	QZ	wh		S	2			ASP					
20720	YB85364	539875	6842483	GL	G	QZ	wh		S	2			ASP					
20721	YB85363	540186	6842505	GL	G	QZ	wh		S	1			chalc		ASP		PY	

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
													o-PY					
20722	YB85365	539932	6842429	GL	G	SST	brn		S	1			ASP		PY			
20723	YB85365	539932	6842429	GL	G	SST	brn		S	2			ASP		Ga		PY	
20724	YB85365	540018	6842094	GL	G	SLT	brn		S	1			chalc o-PY		PY			
20725	YB85365	540022	6842087	GL	G	QZ	wh		S	3			chalc o-PY		PY			
20726	YB85365	540022	6842072	GL	G	QZ	wh		S	3			chalc o-PY		PY			
20727	YB85365	540022	6842060	GL	G	QZ	wh		S	3			chalc o-PY		PY			
20728	YB85346	541037	6841384	GL	G	SST	W		1	2			PY					
20729	YB85346	541063	6841263	GL	G	QZ	W		3	3			PY		AS			
20730	YB85346	541147	6841270	GL	G	QZ	Brn		2	3			PY					
20731	YB85346	541198	6841361	GL	G	QZ	Brn		3	3			PY	80	AS	5		
20732	YB85346	541074	6841258	GL	G	QZ	Gn		3	3			PY	80	AS	5		
20733	YB85346	541074	6841258	GL	G	QZ	Gn		3	3			PY	80	AS	5		
20734	YB85346	541064	6841260	GL	G	QZ	Gn		3	3			PY	80	AS	1		
20735	YB85184	540554	6841098	GL	G	QZ	W		3	3			PY	80	AS	2		
20736	YB85184	540543	6841095	GL	G	QZ	W		3	3			PY		AS			
20737	YB85184	540543	6841102	GL	G	QZ	W		3	3			PY		AS			
20738	YB85184	540545	6841102	GL	G	QZ	W		3	3			PY		AS			
20739	YB85184	540569	6841129	GL	G	QZ	W		3	3			PY		AS			
20740	YB85184	540570	6841122	GL	G	QZ	W		3	3			PY		AS			
20741	YB85184	540585	6841151	GL	G	QZ	W		3	3			PY		AS			
20742	YB85184	540614	6841166	GL	G	QZ	W		3	3			PY		AS			
20743	YB85184	540607	6841155	GL	G	QZ	Brn		3	3			PY		AS			
20744	YB85184	540609	6841155	GL	G	QZ	Brn		3	3			PY		AS			
20745	YB85184	540595	6841419	GL	G	QZ	Brn		1	3			PY		AS			
20746	YB85343	541034	6840444	GL	G	QZ	Gn		1	3			PY		AS			
20747	YB85343	541026	6840470	GL	G	QZ	Gn		2	3			PY		AS			
20748	YB85343	540972	6840512	GL	G	QZ	W		3	1			PY		AS		Gn/ Chy	
20749	YB85343	540972	6840512	GL	G	QZ	W		3	1			PY		AS		Gn	
20750	YB85343	540946	6840525	GL	G	QZ	Gn		3	1			PY		AS		Gn/ Chy	
20751	YB85343	541010	6840575	GL	G	QZ	W		3	3			PY		AS			
20752	YB85343	541056	6840546	GL	G	QZ	W		3	2			PY		AS			
20753	YB85345	541019	6840665	GL	G	QZ	Brn		3	3			PY		AS			
20754	YB85349	541620	6841618	GL	G	QZ	W		1	1			PY		AS			
20755	YB85348	541560	6841695	GL	G	QZ	Brn		3	3			PY	80	AS	1		
20756	YB85348	541470	6841849	GL	G	QZ	Brn		3	2			PY	70	AS	1		
20757	YB85348	541464	6841860	GL	G	QZ	W		3	2			PY	70	AS	1		
20758	YB85348	541432	6842001	GL	G	QZ	W		3	2			PY	70	AS	1		
20759	YB85348	541432	6842002	GL	G	QZ	W		3	3			PY	80	AS	1		
20760	YB85348	541439	6842028	GL	G	QZ	Gry		3	3			PY	80	AS	1		
20761	YB85348	541432	6842011	GL	G		Gry		3				PY	70	AS	1		
20762	YB85348	541430	6842010	GL	G		W		3				PY	50	AS			
20763	YB85348	541432	6842005	GL	G		Brn		3				PY	50	AS			
20764	YB85348	541434	6842010	GL	G		Gry		3				PY		AS			
20765	YB85348	541511	6841817	GL	G		W		3	3			PY		AS			
20766	YB85348	541575	6841779	GL	G		Brn		3	3			PY		AS			
20767	YB85349	541604	6841673	GL	G		Gry		3	3			Realgar	2				
20768	YB85349	541600	6841654	GL	G		W		3	3			Realgar	2				
20769	YB85349	541599	6841576	GL	G		Gn		3	3			PY		AS			
20770	YB85349	541577	6841556	GL	G		Gry		3	3			PY		AS			
20771	YB85349	541625	6841616	GL	G		W		3	3			PY		AS			

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
20772	YB85349	541723	6841738	GL	G		W		3	3			PY					
20773	YB85349	541658	6841739	GL	G		Brn		3	3			PY	2	AS			
20774	YB85349	541656	6841733	GL	G		Brn		3	3			PY	5	AS			
20775	YB85349	541661	6841737	GL	G		W		3	3			PY	5	AS			
20776	YB85349	541661	6841737	GL	G		W		3				PY	4	AS			
20777	YB85349	541672	6841733	GL	G		W		3	3			PY	5	AS			
20778	YB85349	541684	6841741	GL	G		Brn		3	3			PY		AS			
20779	YB85349	541703	6841749	GL	G		Brn		3	3			PY	2	AS			
20780	YB85349	541711	6841761	GL	G		W		3				PY	5	AS			
20781	YD25830	541691	6841848	GL	G		W		3	3			PY	5	AS			
20782	YD25830	541685	6841857	GL	G		W		3	3			PY	5	AS	1		
20783	YD25830	541555	6842042	GL	G		Gn		3	3			PY	1	AS	2		
20784	YD25830	541564	6842040	GL	G		Gn		3	3			PY	2	AS	1		
20785	YD25830	541548	6842055	GL	G		Gn		3	3			PY	5	AS	2		
20786	YD59333	527999	6853171	GL	G		W		3	3			PY		AS			
20787	YD59332	527950	6853138	GL	G		Brn		3	3			PY	10	AS	2		
20788	YD59334	527717	6853550	GL	G		W		3	3			PY		AS			
20789	YD26301	527241	6854295	GL	G													
20790	YD26301	527227	6854294	GL	G		W		3	3			PY		AS			
20791	YD29167	531994	6843320	GL	G		Gn		3	1								
20792	YD59333	528386	6853110	GL	G		Gn		3	3			PY	20				
20793	YD59331	528163	6852555	GL	G		W		1	1			PY	1				
20794	YD25482	526581	6847115	GL	G		W		3	1								
20795	YD25431	527528	6847774	GL	G		Brn		3	3			PY	2	AS	1		
20796	YD25431	527540	6847812	GL	G		Gn		1	2								
20797	YD25431	527581	6847866	GL	G		Brn		3	1			PY					
20798		524387	6850553	GL	G		W		3	3			PY	10				
20799		525015	6850823	GL	G		Gry		3	1			PY	5	AS	2		
20800		518304	6852352	GL	Boulder													
20801	YC89528	533293	6845193	PN	CG	Qz	BrBlk	C	S				PY					
20802	YC73856	533132	6845721	PN	CG	Qz	GnGy	C	S				PY					
20803	YC73859	532836	6846539	PN	CG	Congl	OGy	C	S				GA					
20804	YB85188	541114	6842031	PN	CG	Qz	W	C	S				AS					
20805	YB85188	541167	6842116	PN	CG	Qz	BlkGy	C	S				AS					
20806	YB85188	541169	6842140	PN	CG	Qz	Gy	C	S				AS	20				
20807	YB85188	541113	6842258	PN	CG	Qz	BlkGy	C	S				AS					
20808	YB85190	541196	6842332	PN	CG	Qz	BlkGy	C	S				AS	80	PY	10		
20809	YB85190	541208	6842362	PN	CG	Qz	Gy	C	S				AS	30				
20810	YB85189	540783	6842329	PN	CG	Qz	Gy	C	S				AS	0				
20811	YB85189	540815	6842267	PN	CG	Qz	Gy	C	S				AS					
20812	YB85187	540340	6842084	PN	CG	Qz	BlkGy	C	S				AS	5				
20813	YB85187	540394	6841981	PN	CG	Qz	BlkGy	C	S				AS					
20814	YB85188	540728	6842049	PN	CG	Qz	Gy	C	S				AS					
20815	YB85348	541285	6841704	PN	CG	QV	wh		S				ASP	10	PY	1		
20816	YB85348	541285	6841704	PN	CG	QV	wh		S				ASP	10	PY	1		
20817	YB85348	541285	6841704	PN	CG	QV	wh		S				ASP	10	PY	1		
20818	YB85348	541258	6841753	PN	CG	Qz	wh		S				ASP	2	PY	2		
20819	YB85348	541279	6841835	PN	CG	Qz	gry		S				ASP	25	PY	2		
20820	YB85352	541604	6840886	PN	CG	Qz	wh		S				ASP	10	PY	5		
20821	YB85352	541792	6840895	PN	CG	Cong	bl-gry		S				ASP	2	PY	1		
20822	YB85352	541879	6840802	PN	CG	Qz	bl-gry		S				ASP	2				
20823	YB85351	542475	6840762	PN	CG	Qz	gry		S				ASP	5				
20824	YD25825	542778	6840571	PN	CG	Qz	gry		S				ASP	2	PY	2		
20825	YC72730	533478	6844141	PN	CG	Qz	wh		S				ASP	2				
20826	YC72730	533446	6844261	PN	CG	Qz	wh		S									
20827	YC72730	533561	6844604	PN	CG	Sed	gry		S				ASP	1				
20828	YC72733	533602	6844805	PN	CG	Qz	wh		S				ASP	1	PY	1		
20829	YC72733	533632	6844916	PN	CG	Qz	bl-gry		S				ASP	30				
20830	YD59344	528582	6853509	PN	CG	Qz	wh		S				ASP	20	PY	2		

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
20831	YD59342	528687	6852976	PN	CG	Qz	bl-gry		S				ASP	30	PY	10		
20832	YD59340	528506	6852707	PN	CG	Qz	wh		S				ASP	20				
20833	YD59340	528583	6852701	PN	CG	Qz	wh		S				ASP	10	PY	5	Galena	1-2
20834	YD59340	528679	6852711	PN	CG	Qz	gry		S				ASP	20	PY	4		
20835	YD59340	528776	6852695	PN	CG	Qz	gry		S				ASP	50	PY	5		
20836	YD59340	528799	6852681	PN	CG	Qz	gry		S				ASP	5	PY	2		
20837	YD59340	528798	6852684	PN	CG	Qz	gry		S				ASP	5	PY	2		
20838	YC89530	532604	6845340	PN	CG	Qz	gry		S				ASP	1	PY	1		
20839	YC89530	532573	6845407	PN	CG	Qz	bl-gry		S				ASP	1				
20840	YC89530	532510	6845528	PN	CG	Qz	wh		S				ASP	3	PY	2		
20841	YC89530	532522	6845541	PN	CG	Qz	wh		S				chalco-PY	15				
20842	YD24759	538949	6843651	PN	CG	Qz	gry		S				ASP	1	PY	1		
20843	YE85662	539662	6843996	PN	CG	Qz	gry		S				PY	1				
20844	YB85360	540272	6843348	PN	CG	Qz	wh		S				PY	1				
20845	YB85360	540286	6843370	PN	CG	Qz	gry		S				ASP	3	PY	2		
20846	YB85378	539224	6843503	PN	CG	PHY	gry		S				PY	10				
20847	YB85378	539251	6843515	PN	CG	PHY	gry		S				ASP	5	PY	5		
20848	YB85379	539568	6843297	PN	CG	Qz	gry		S				ASP	10				
20849	YB85379	539597	6843215	PN	CG	Qz	gry		S				ASP	20				
20850	YB85379	539599	6843321	PN	CG	Qz	brn		S				ASP	20				
20851	YB85379	539609	6843336	PN	CG	Qz	gry-brn		S				galena	10	PY	10		
20852	YB85379	539622	6843345	PN	CG	Qz	gry		S				ASP	75				
20853	YB85379	539584	6843310	PN	CG	Qz	brn		S				ASP	70				
20854	YB85364	539691	6842779	PN	CG	Qz	wh		S				PY	2				
20855	YB85362	539893	6842695	PN	CG	Qz	wh		S				PY	2				
20856	YB85364	539926	6842550	PN	CG	Qz	wh		S				ASP	2	PY	2		
20857	YB85365	539897	6842476	PN	CG	Qz	wh		S				PY	2				
20858	YB85363	540161	6842536	PN	CG	Qz	gry		S				ASP	1	PY	1		
20859	YB85365	539947	6842428	PN	CG	Qz	gry		S				ASP	25				
20860	YB85365	539956	6842438	PN	CG	Qz	gry		S				ASP	50	PY	5		
20861	YB85365	539929	6842448	PN	CG	Qz	gry		S				ASP	20				
20862	YB85365	540040	6842173	PN	CG	Qz	brn-wh		S				PY	4	ASP	2		
20863	YB85365	540067	6842151	PN	CG	Qz	wh		S				ASP	70				
20864	YB85365	540020	6842088	PN	CG	Qz	gry-wh		S				PY	4				
20865	YB85184	540536	6841098	PN	CG	QPC	gry-wh		S				ASP	60	PY	15		
20866	YB85184	540560	6841101	PN	CG	Qz	wh		S				ASP	10				
20867	YB85184	540571	6841114	PN	CG	QPC	gry-wh		S				ASP	20				
20868	YB85184	540593	6841127	PN	CG	QPC	gry-wh		S				ASP	25				
20869	YB85344	540617	6841142	PN	CG	QPC	gry-wh		S				ASP	20				
20870	YB85344	540620	6841118	PN	CG	SST	gry-wh		S				PY	5				
20871	YB85344	540613	6841136	PN	CG	Qz	wh		S				ASP	25				
20872	YB85184	540594	6841126	PN	CG	Qz	gry		S				ASP	15				
20873	YB85184	540595	6841157	PN	CG	Qz	gry		S				ASP	20				
20874	YB85184	540600	6841161	PN	CG	Qz	wh		S				ASP	10	PY	5		
20875	YB85184	540613	6841154	PN	CG	Qz	wh		S				ASP	4	PY	4		
20876	YB85344	540628	6841121	PN	CG	Qz	wh		S				PY	10				
20877	YB85344	540626	6841151	PN	CG	Qz	wh		S				PY	5	AS	5		
20878	YB85346	541026	6841405	PN	CG	Qz	brn-gry		S				PY	5				
20879	YB85184	540312	6841501	PN	CG	Qz	gry-wh		S				ASP	15				
20880	YB85185	540094	6841443	PN	CG	QPC	gry-wh		S				ASP	2	PY	2		
20881	YB85356	541052	6840200	PN	CG	QZ	Grey		3				AS	4				
20882	YB85356	541180	6840155	PN	CG	C	Grey		3				AS	10				
20883	YB85358	540989	6840059	PN	CG	QZ	Grey		3				AS	15				
20884	YB85343	541007	6840604	PN	CG	QZ	White		3				PY	20	AS	5		
20885	YB85343	541020	6840609	PN	CG	QZ	White		3				PY	20				
20886	YB85343	541010	6840574	PN	CG	QZ/PH	Grey/		3				AS	5	PY	5		

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
						Y	White											
20887	YB85343	540998	6840576	PN	CG	C	White		3				AS		PY			
20888	YB85343	540997	6840581	PN	CG	QZ	White		3				AS	5	PY	5		
20889	YB85345	541005	6840679	PN	CG	QPC	Grey/ White		3				AS	5	PY	5		
20890	YD25786	542103	6839338	PN	CG	QPC	Grey/ White		2				PY	15				
20891	YD25784	542575	6838982	PN	CG	QZ	White		3				AS	5				
20892	YD07124	533702	6843794	PN	CG	QPC	Grey		2				AS	0				
20893	YD10913	533727	6842798	PN	CG	QPC	Grey		2				Realgar					
20894	YD07124	533729	6843793	PN	CG	QPC	Light Grey		3				PY	0				
20895	YD07124	533666	6843739	PN	CG	QZ	Grey/ White		3				PY	0				
20896	YB85348	541421	6841923	PN	CG	SED	Grey		3				PY	5				
20897	YB85348	541487	6841866	PN	CG	QZ	Brown/ Grey		3				AS	5	PY	5		
20898	YB85348	541516	6841815	PN	CG	QZ	Grey/ White		3				AS	15	PY	15		
20899	YF33080	541518	6844806	PN	CG	QZ	Grey/ White		2				AS	20	PY	10		
20900	YB85348	541558	6841784	PN	CG	QZ	Grey/ White		3				AS	20				
20901	YB85349	541599	6841657	PN	CG	QZ	Dark Grey		3				AS	20				
20902	YB85349	541631	6841685	PN	CG	QZ	Grey/ White		3				AS	5	PY	2		
20903	YB85349	541635	6841631	PN	CG	QZ	Grey/ White		3				AS	20				
20904	YB85349	541637	6841630	PN	CG	QZ	Grey/ White		3				AS	5				
20905	YB85349	541648	6841630	PN	CG	QZ	Dark Grey		3				AS	15				
20906	YD26248	530345	6857405	PN	CG	QZ	Grey/ White		2				AS	2				
20907	YD26248	530351	6857375	PN	CG	QZ	Brown/ White		3				PY	10	AS	10		
20908	YD26248	530387	6857283	PN	CG	QZ	Brown/ White		2				PY	5	AS	5		
20909	YD26248	530398	6857281	PN	CG	QZ	Brown/ White		2				PY	2				
20910	YD59333	528037	6853161	PN	CG	QPC	Brown/ White		3				AS	10	PY	2		
20911	YD59333	528045	6853168	PN	CG	QPC	Brown/ White		3				AS	10	PY	0.5		
20912	YD59333	528057	6853159	PN	CG	QZ	White		3				PY	2				
20913	YD26300	527211	6854263	PN	CG	QZ	Smoke y blue		3									
20914	YD26300	527201	6854189	PN	CG	QZ	White		3				PY	1				
20915	YD26213	530895	6855441	PN	CG	QZ/SED	Grey/ White		2				AS	5				
20916	YD26213	531028	6855469	PN	CG	QPC	Grey		3				AS	2				
20917	YD26214	531227	6855616	PN	CG	QZ	White		2				AS	10	CPY	2		
20918	YD26189	531946	6856046	PN	CG	PHY	Grey		1				AS	10	PY	5		
20919	YD26189	531932	6856036	PN	CG	SED	Grey		3				AS	5	PY	2		
20920	YD26195	531871	6857082	PN	CG	QZ	Brown/ White		2				GN	5	Mal	1		
20921	YD26195	531905	6857095	PN	CG	QZ	White		2				CPY	1	Mal	1		
20922	YD59369	530247	6851488	PN	CG	PHY	Grey		2				PY	5				
20923	YD59420	531214	6850592	PN	CG	QPC	Brown/		2				PY	5				

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
							Grey											
20924	YD59391	531058	6850152	PN	CG	QZ	Brown		3				PY	10				
20925	YD59393	531067	6850153	PN	CG	QZ	Brown		3				PY	2				
20926	YD59391	531079	6850146	PN	CG	QZ	Brown		2				AS	60				
20927	YD59393	531062	6850161	PN	CG	QZ	Grey		3				PY	5				
20928	YD59393	531046	6850159	PN	CG	QZ	Grey		3				PY	5				
20929	YD59418	531324	6850129	PN	CG	PHY	Grey		1				PY	15				
20930	YD59418	531244	6849987	PN	CG	QZ	Grey		3				PY	20				
20931	YD59418	531244	6849987	PN	CG	QZ	DK-L G Grey		3				PY	10				
20932	YC72728	533855	6844233	PN	CG	QZ	White		2				AS	2				
20933	YC72728	533874	6844244	PN	CG	QPC	Brown/ White		2				AS	2				
20934	YC72728	533931	6844259	PN	CG	QPC	Brown/ White		2				AS	2				
20935	YC72728	533937	6844262	PN	CG	QV	White		3				GN	5				
20936	YC72728	533941	6844259	PN	CG	QV	White		3				AS	5				
20937	YC72728	533960	6844259	PN	CG	QZ	White		3				AS	15				
20938	YC72728	533979	6844306	PN	CG	QZ	Grey/ White		3				AS	5				
20940	YD26283	528023	6855516	PN	CG	QZ/Ph y	Gry		3				PY	5				
20941	YD26283	528016	6855560	PN	CG	QZ/SE D	Gry		3				PY	5				
20942	YD26283	528034	6855568	PN	CG	QZ	W		3				PY	5				
20943	YD26283	528040	6855574	PN	CG	QZ	W		3				PY	20				
20944	YD26306	527555	6855335	PN	CG	QZ	W		3				AS	15				
20945	YD26306	527556	6855334	PN	CG	QZ	W		3				PY	5				
20946	YD26306	527556	6855335	PN	CG	QZ	W		3				PY	2	Gn			
20947	YD26305	527373	6855266	PN	CG	QPC	Gry		3				PY	1				
20948	YD26305	527470	6855594	PN	CG	QZ	W		3				PY	2				
20949		519261	6855048	PN	CG	QZ	White						PY	5	CPY	5		
20950		518454	6852506	PN	CG	QZ	Grey						PYR	2	CPY	1		
20951		518487	6852485	PN	CG	QZ	Grey						PYR	10				
20952		518692	6852551	PN	CG	PHY	Brown/ Grey						PYR	5	PY	5		
20953		518814	6852694	PN	CG	QZ	Dark Grey						PYR	15				
20954		519022	6852875	PN	CG	QZ	White						PY	5				
20955		519072	6853075	PN	CG	QZ	Brown						PYR	5	CPY	5		
20956		519201	6853172	PN	CG	QZ	Dark Brown						PYR	50				
20957		519777	6853398	PN	CG	Qz/SE D	Brown/ Grey						PYR	10				
20958		519955	6853598	PN	CG	Qz/SE D	Dark Brown						PY	15				
20959		520019	6853533	PN	CG	SED	Dark Grey						PYR	40				
20960		520055	6853538	PN	CG	SED	Dark Grey						PYR	25	PY	15		
20961		520067	6853501	PN	CG	SED	Dark Grey						PYR	50				
20962		520055	6853504	PN	CG	Qz/SE D	Light Grey						PYR	20				
20963		520042	6853503	PN	CG	Qz/SE D	Dark Grey						PYR	40	PY	1		
20964	YC72454	535042	6845309	PN	CG	QZ	White						AS	10				
20965	YC72442	535013	6845319	PN	CG	QZ	White						AS	10				
20966	YC72442	534917	6845324	PN	CG	QZ	White						AS	10				
20967	YC72442	534888	6845323	PN	CG	QZ	White						AS	2				

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
20968	YC72442	535011	6845266	PN	CG	QZ	White						AS	5				
21001	YD59391	531077	6850142	JL	G	Qz	Brown		S				PY	1	AS	20		
21002	YD59418	531357	6850143	JL	G	PHY	Grey		S				PY	2				
21003	YD59418	531224	6850028	JL	G	Qz	Brown/ White		S				PY	10				
21004	YC72728	533837	6844224	JL	G	PHY	Grey		S				PY	2				
21005	YC72728	533861	6844238	JL	G	Qz	Grey/ White		S				PY	1				
21006	YC72728	533866	6844245	JL	G	Qz	Brown		S				PY	1				
21007	YC72728	533936	6844262	JL	G	Qz	White		S				AS	50	PY	2		
21008	YC72728	533951	6844275	JL	G	Qz	White		S				AS	5				
21009	YC72728	533966	6844290	JL	G	Qz	Brown		S				AS	2	MAL	2		
21010	YC72728	533970	6844294	JL	G	Qz	Brown		S				AS	50	PY	1		
21013	YD26283	528022	6855539	JL	G	QZ	Brn		S				PY	1				
21014	YD26283	528025	6855547	JL	G	QZ	Brn		S				PY	2				
21015	YD26283	528034	6855547	JL	G	QZ	Brn		S				PY	3				
21016	YD26283	528014	6855560	JL	G	QZ	Gry		S				PY	4				
21017	YD26306	527825	6855397	JL	G	QZ	Brn		S				PY	1				
21018	YD26306	527806	6855342	JL	G	QZ	Brn		S				AS	2				
21019	YD26306	527675	6855216	JL	G	QZ	Brn		S				PY	1				
21020	YD26305	527481	6855594	JL	G	QZ	Gry		S				PY	2				
21021	YD26305	527494	6855591	JL	G	QZ	W		S				PY	3				
21022		519264	6855048	JL	G	QZ	Blue/ White		S				PY	20				
21023		518435	6852483	JL	G	QZ	Brown		S				PYR	30				
21024		518715	6852639	JL	G	QZ	Brown		S				PYR	5				
21025		518971	6852851	JL	G	QZ	Brown		S				PYR	20				
21026		519185	6853180	JL	G	QZ	Brown		S				PYR	3				
21027		519745	6853359	JL	G	QZ	Brown		S				PYR	20				
21028		519809	6853448	JL	G	QZ	Brown		S				CPY	5	PY	2		
21029		519905	6853787	JL	G	QZ	Brown		S				PY	10				
21030		520028	6853530	JL	G		Brown		S				PYR	30				
21031		520058	6853540	JL	G	QZ	Brown		S				PY	10				
21032		520052	6853575	JL	G		Brown		S				PY	10				
21033		520049	6853600	JL	G	QZ	Brown		S				PY	20				
21034	YC72442	535006	6845313	JL	G	QZ	White		S				ASP	10				
21035	YC72442	535010	6845317	JL	G	QZ	White		S				ASP	20				
21036	YC72442	535009	6845319	JL	G	QZ	White		S				ASP	5	Gn	50		
21037	YC72442	534912	6845321	JL	G	QZ	White		S				ASP	5				
21051	YB85348	541563	6841782	JL	G	Qz	Brown		S				AS	40				
21052	YB85349	541616	6841649	JL	G	Qz	Brown		S				AS	40	PY	30		
21053	YB85349	541633	6841626	JL	G	Qz	Brown		S				AS	60	PY	40		
21054	YB85349	541657	6841635	JL	G	Qz	Brown		S				AS	50	PY	10		
21055	YB85349	541650	6841638	JL	G	Qz	Brown		S						PY	40		
21056	YB85349	541650	6841634	JL	G	Qz	Grey		S				AS	40				
21057	YD26248	530353	6857363	JL	G	Qz	Brown		S				AS	20	PY	10		
21058	YD26248	530393	6857346	JL	G	Qz	Green/ White		S				AS	5	PY	5		
21059	YD26248	530397	6857326	JL	G	Qz	Brown		S						PY	10		
21060	YD26221	530770	6857326	JL	G	Qz	Brown		S				MAL	5	PY	15		
21061	YB85187	540230	6842069	JL	G	Qz	Brown		S				PY	20				
21062	YB85187	540210	6842075	JL	G	Qz	Brown		S				AS	40				
21063	YB85187	540234	6842129	JL	G	Qz	Green						AS	20				
21064	YB85187	540226	6842123	JL	G	Qz	Brown		S				PY	5				
21065	YB85187	540216	6842116	JL	G	Qz	Brown/ White		S				AS	1	PY	5		
21066	YB85187	540199	6842075	JL	G	Qz	Brown		S				PY	30				
21067	YD24788	530959	6845549	JL	G	Qz	White		S				AS	30	PY	2		

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
21068	YD26213	531077	6855529	JL	G	Qz	Brown		S				AS	40	PY	2		
21069	YD26213	531145	6855567	JL	G	Qz	Brown		S				PY	40				
21070	YD26213	531145	6855614	JL	G	Qz	Brown		S				AS	30	PY	1		
21071	YD26214	531222	6855612	JL	G	Qz	Brown		S				AS	35				
21072	YD26216	531230	6856033	JL	G	PHY	Green						PY	20				
21073	YD26189	531921	6856058	JL	G	PHY	Green		S				PY	40	AS	2		
21074	YD29167	532008	6843323	JL	G	Qz	Blue		S				PY	20				
21075	YD29167	532000	6843333	JL	G	Qz	Grey/ White		S									
21076	YD59328	527718	6852381	JL	G	PHY	Brown		S				PY	50				
21077	YD59333	528371	6853099	JL	G	Qz	White		S				AS	40				
21078	YD59342	528479	6853002	JL	G	Qz	Blue/ White		S				PY	5				
21079	YD59342	528501	6852977	JL	G	PHY	Brown/ Green						AS	10	PY	15		
21080	YD59342	528459	6852956	JL	G	Qz	Brown/ White		S				GA	1	CPY	2		
21081	YD59331	528336	6852867	JL	G	Qz	Brown		S				AS	5	PY	2		
21082	YD59341	528923	6852558	JL	G	Qz	Brown		S				PY	20				
21083	YD59341	528892	6852534	JL	G	Qz	Brown		S				PY	1				
21084	YD59338	528838	6852176	JL	G	Qz	Grey		S				PY	10				
21085	YD25482	526583	6847120	JL	G	Qz	Brown		S				AS	2				
21086	YD25431	527551	6847520	JL	G	Qz	Brown		S				PY	1				
21087	YD25431	527550	6847762	JL	G	Qz	Brown		S				AS	1				
21088	YD25431	527545	6847829	JL	G	Qz	Brown		S				PY	2	AS	5		
21089	YD25458	527210	6848037	JL	G	Qz	Brown		S				PY	3				
21090	YD25458	527350	6847952	JL	G	Qz	Brown		S				AS	40	PY	10		
21091	YD25431	527604	6847797	JL	G	Qz	Brown		S				AS	2				
21092	YD25431	527584	6847811	JL	G	Qz	Brown		S				AS	5	PY	1		
21093		524789	6850817	JL	G	Qz	Brown		S				PY	5				
21094		524802	6850822	JL	G	Qz	Brown		S				AS	5				
21095		525018	6850828	JL	G	Qz	Brown		S				AS	4				
21096		525038	6850784	JL	G	Qz	Brown		S				PY	60				
21097	YD59420	531207	6850550	JL	G	Qz	Grey/ White		S				PY	5				
21098	YD59420	531254	6850462	JL	G	Qz	Grey		S				PY	15				
21099	YD59393	531093	6850239	JL	G	Qz	Grey		S				PY	15				
21100	YD59391	531058	6850134	JL	G	Qz	Grey/ White		S				PY	20				
21101	YB85379	539592	6843312	JL	G	Qz	brn		S	C 1-3			ASP	50				
21102	YB85379	539609	6843325	JL	G	MS	grn		S					90				
21103	YB85379	539614	6843331	JL	G	Qz	brn-gry		S	C 1-3			ASP	45				
21104	YB85379	539623	6843346	JL	G	Qz	brn-gry		S	C 1-3			ASP	75				
21105	YB85379	539629	6843351	JL	G	Qz	brn		S	C 1-3			ASP	40				
21106	YB85381	539700	6843448	JL	G	Qz	brn		S	C 1-3			PY	40	Galena			
21107	YB85381	539742	6843417	JL	G	Qz	gry		S				PY	30				
21108	YB85362	539685	6842944	JL	G	Qz	gry		S				PY	40				
21109	YB85364	539940	6842559	JL	G	PHY	gry		S				PY	20				
21110	YB85363	540196	6842530	JL	G	Qz	brn		S				PY	40				
21111	YB85363	540158	6842496	JL	G	Qz	brn-wh		S				PY	1				
21112	YB85365	539962	6842164	JL	G	Qz	brn		S				ASP	50				
21113	YB85365	540032	6842174	JL	G	Qz	brn		S				PY	60				
21114	YB85365	540040	6842156	JL	G	Qz	gry		S				PY	70				
21115	YB85365	540017	6842084	JL	G	Qz	brn		S				ASP	40	PY		chalco-PY	

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21116	YB85185	540109	6841658	JL	G	Qz	brn-gry		S				PY	30				
21117	YB85346	541033	6841391	JL	G	sst	brn		S				PY	30				
21118	YB85346	541041	6841371	JL	G	cong	yel		S				PY	20				
21119	YB85346	541062	6841309	JL	G	Qz	brn	C					ASP	0				
21120	YB85346	541096	6841319	JL	G	Qz	brn	C					ASP	40				
21121	YB85346	541167	6841295	JL	G	Qz	brn						PY	30				
21122	YB85184	540538	6841090	JL	G	Qz	brn	C	S				PY	20				
21123	YB85344	540612	6841089	JL	G	Qz	brn		S				PY	10				
21124	YB85344	540619	6841087	JL	G	Qz	brn	C	S				PY	30	ASP			
21125	YB85344	540630	6841079	JL	G	Qz	brn	C	S				PY	30				
21126	YB85344	540662	6840999	JL	G	Qz	brn	C	S				PY	40				
21127	YB85344	540607	6841116	JL	G	Qz	brn		S				PY	10	ASP			
21128	YB85184	540622	6841195	JL	G	Qz	wh		S				PY	5				
21129	YB85344	540618	6841140	JL	G	Qz	wh		S				ASP	10				
21130	YB85184	540623	6841169	JL	G	Qz	yel	C	S				PY	40	ASP			
21131	YB85346	541037	6841267	JL	G	Qz	Green		1				AS	5				
21132	YB85190	541033	6842366	JL	G	Qz	Brown		S				AS	10	PY	2		
21133	YB85343	540852	6840427	JL	G	Qz	Brown		S				PY	50				
21134	YB85343	540973	6840507	JL	G	Qz	White		S				GN	5	CPY	10		
21135	YB85343	540991	6840552	JL	G	Qz	White		S				CPY	20	GN	10		
21136	YB85343	540959	6840521	JL	G	Qz	White		S				PY	10				
21137	YB85343	540972	6840551	JL	G	Qz	Brown		S				CPY	50				
21138	YB85343	541008	6840587	JL	G	Qz	Brown		S				PY	50	AS	5		
21139	YB85343	541022	6840616	JL	G	Qz	Brown		S				PY	50				
21140	YB85343	540999	6840572	JL	G	Qz	Brown		S				PY	15				
21141	YB85345	540997	6840668	JL	G	Qz	Brown		S				PY	50	AS	5		
21142	YD25788	541923	6839505	JL	G	Cong	Greyish		N				PY	20	AS	40		
21143	YD25786	542103	6839330	JL	G	Qz	Brown		S				PY	50				
21144	YD25782	543039	6838811	JL	G	Qz	Grey		S				PY	10	AS	50		
21145	YD07124	533708	6843798	JL	G	Qz	Grey		N				AS	2				
21146	YD07124	533744	6843811	JL	G	Qz	Grey		S									
21147	YD07124	533646	6843780	JL	G	Qz	Brown		S				PY	2				
21148	YB85348	541434	6841900	JL	G	Sandstone	Brown		S				PY	50				
21149	YB85348	541513	6841825	JL	G	Qz	Brown		S				AS	50	PY	10		
21150	YB85348	541504	6841820	JL	G	Qz	Brown		S				AS	40	PY	20		
21151	YC89528	533293	6845195	JL	G		GyBr	5	S	C 1-3			Qz	50	PY			
21152	YC72447	533241	6845503	JL	G		OGy	5	S	C 1-3			Cong					
21153	YC73856	533096	6845788	JL	G		BrW	2	S				Qz	20	PY			
21154	YB85188	541005	6842075	JL	G		BrGn	2	S	C 1-3			Qz	40	AN			
21155	YB85188	541008	6842067	JL	G		W		S				Qz	50	AN			
21156	YB85188	540991	6842092	JL	C		BrGn		S	C 1-3			Qz	20	AN			
21157	YB85188	540988	6842110	JL	G		BrW	5	S	C 1-3			Qz	80	AN			
21158	YB85188	540993	6842130	JL	G		OGy	5		C 1-3			Cong	20	AN			
21159	YB85188	540988	6842134	JL	G		BlkBr	2	S	C 1-3			PyAs	20	AN			
21160	YB85188	540976	6842162	JL	G		Br	2	S	C 1-3			Qz	20	AN			
21161	YB85188	540939	6842268	JL	G		Br	2	S	C 1-3			Qz	10	AN			
21162	YB85188	540939	6842268	JL	G		BrGn	1		C 1-3			Qz	40	AN			
21163	YB85188	541180	6842106	JL	G		BrW	9	S	C			Con	40	AN			

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										1-3			gQz					
21164	YB85188	541177	6842131	JL	G		BrW		S	C 1-3			Qz	50	AN			
21165	YB85188	541158	6842177	JL	G		BrW		S	C 1-3			Qz	80	AN			
21166	YB85190	541197	6842339	JL	G		Br		S	C 1-3			Qz	60	AN			
21167	YB85190	541208	6842366	JL	G	Qz	grn-gry	2	S	C 1-3			ASP	50				
21168	YB85188	541158	6842177	JL	G	Qz	wh	5	S				ASP	60				
21169	YB85189	540431	6842340	JL	G	Qz	yel		S	C 1-3			ASP	40				
21170	YB85189	540642	6842070	JL	G	cong	gry-wh		S	C 1-3			ASP	5				
21171	YB85346	541292	6841345	JL	G	Qz	yel-wh		S	C 1-3			ASP	2				
21172	YB85348	541281	6841702	JL	G	Qz	blk-wh		S	C 1-3			ASP	50				
21173	YB85348	541288	6841751	JL	G	sst	brn-grn		S	C 1-3			ASP	2				
21174	YB85348	541278	6841838	JL	G	Qz	brn-wh		S	C 1-3			ASP	50				
21175	YB85347	541646	6841117	JL	G	PHY	grn-gry		S	C 1-3			ASP	5				
21176	YB85352	541761	6841005	JL	G	Qz	yel-brn		S	C 1-3			ASP	10				
21177	YB85352	541950	6840797	JL	G	cong	wh-brn		S	C 1-3			ASP	20				
21178	YD25825	542795	6840563	JL	G	Qz	wh-brn		S	C 1-3			ASP	20				
21179	YC72730	533488	6844151	JL	G	Qz	wh		S	C 1-3			ASP	40				
21180	YC72730	533483	6844146	JL	G	Qz	wh		S	C 1-3								
21181	YC72730	533479	6844140	JL	G	Qz	brn-wh		S	C 1-3			ASP	20				
21182	YC72730	533573	6844529	JL	G	PHY	brn						ASP	20				
21183	YC72733	533622	6844859	JL	G	Qz	brn-wh		S	C 1-3			ASP	20				
21184	YC72733	533577	6844866	JL	G	Qz	brn-wh		S				ASP	5				
21185	YD59335	528224	6853553	JL	G	Qz	grn		S				ASP	20				
21186	YD59335	528241	6853396	JL	G	Qz	gry		S	C 1-3			ASP	15				
21187	YD59340	528511	6852706	JL	G	Qz	brn		S	C 1-3			chalco-PY		PY		Galena	
21188	YD59340	528755	6852716	JL	G	Qz	brn		S	C 1-3			ASP		Galena		PY/chalco	
21189	YD59340	528792	6852695	JL	G	Qz	brn-wh		S	C 1-3			ASP		Galena			
21190	YD59330	527885	6852723	JL	G	cong	brn		S	C 1-3			ASP	20				
21191	YD59328	527734	6852312	JL	G	PHY	brn		S	C 1-3								
21192	YC89530	532608	6845640	JL	G	Qz	gry		S				ASP	5				
21193	YC89530	532562	6845417	JL	G	Qz	wh		S				ASP	10				
21194	YC89530	532538	6845464	JL	G	Qz	brn		S	C 1-3			galena	20	ASP		chalco-PY	
21195	YC89530	532521	6845545	JL	G	Qz	brn		S	C 1-3			ASP		Galena		chalco-PY	
21196	YC89530	532521	6845542	JL	G	Qz	wh		S	C			ASP		chalco-			

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
										1-3					PY			
21197	YD24759	538972	6843652	JL	G	Qz	brn		S	C 1-3			PY					
21198	YE85662	539666	6843999	JL	G	Qz	brn		S	C 1-3			PY		Galena			
21199	YB85378	539221	6843509	JL	G	cong	brn		S	C 1-3			PY	20				
21200	YB85378	539238	6843497	JL	G	Qz	brn		S	C 1-3			ASP	40				
21351	YD07126	533253	6844125	LM	FLT	QV	brn-wh		S	L1-2			PY	2				
21352	YC72731	533563	6844686	LM	FLT	QV	brn-wh		S	L1-2			ASP	2	PY	1		
21353	YC72733	533552	6844834	LM	FLT	Sst	brn		1				ASP	1				
21354	YC72733	533556	6844854	LM	OC	Sst	brn-wh		1	L1			ASP	2				
21355	YD59335	528143	6853585	LM	FLT	Sst	wh		1				Gn	0				
21356	YD59342	528489	6853030	LM	RC	Phy	brn			L3			PY	0				
21357	YC72444	534369	6845747	LM	OC	QZ	RUST Y		S	L2								
21401	YC72730	533475	6844156	JI	OC	Sst	grn-gry		S				ASP	1	Hm	0.3		
21402	YC72730	533573	6844536	JI	RC	Phy	grn-gry		S				ASP	1	Hm	0.6		
21403	YD59335	528299	6853576	JI	RC	Phy	grn-gry			L3			ASP	0	Mn	0.5		
21404	YD59344	528574	6853522	JI	RC	Qzte	yel-brn		S				ASP	1	Mn	0.3		
21405	YD59342	528735	6853211	JI	RC	Qzte	yel-brn		S				ASP	1	Hm	0.2		
21451	YC72727	534599	6844322	Jw	OC	QZ	wh			L2			ASP ?	5	Py	1	Scor	1
21452	YC72727	534600	6844320	Jw	OC	QZ	Wh			L2			As	7	Scor	3	Py	05
21453	YC72727	534601	6844318	JW	OC	QZ	Wh			L2			As	7	Scor	3		
21454	YC72727	534601	6844316	JW	OC	QZ	Wh			L2			As	4	Scor	1	Py	0.3
21455	YC72727	534567	6844315	Jw	Oc	Qz	Wh			L2			As	5	scor	2	Py	0.3
21456	YC72727	534566	6844314	Jw	Oc	Qz	Wh			L2			As	2	Scor	0.5	Py	.3
21457	YC72727	534565	6844313	Jw	Oc	Qz	Wh			L2			As	2	Scor	0.5		
21458	YC72727	534594	6844320	Jw	Oc	Qz	Wh			L2			As	5	Scor	1	Py	0.3
21459	YC72727	534595	6844318	Jw	Oc	Qz	Wh			L2			As	4	Scor	1		
21460	YC72727	534596	6844316	Jw	Oc	Qz	Wh			L2			As	2	Scor	0.5		
21461	YC72727	534597	6844314	Jw	Oc	Qz	Wh			L2			As	2	Scor	0.5	Py	0.3
21462	YC72727	534604	6844323	Jw	Oc	Qz	Wh			L2			As	5	Scor	3	Py	1
21463	YC72727	534605	6844322	Jw	Oc	Qz	Wh			L2			As	6	Scor	2	Py	0.1
21464	YC72727	534605	6844320	Jw	Oc	Qz	Wh			L2			As	2	Scor	1		
21465	YC72727	534606	6844318	Jw	Oc	Qz	Wh			L2			As	4	Scor	2		
21466	YC72454	534729	6845550	Jw	Oc	Qz	Wh			L2			As		Scor			
21467	YD26299	527179	6853667	JW	OC	QV	wh			L1			ASP					
21468	YD26300	527221	6854177	JW	OC	QV	wh			L1								
21469	YD26322	526903	6853078	JW	OC	QV	wh			L1			ASP ?					
21470	YD26322	526903	6853078	JW	OC	QV	wh			L1			Scor ?		Hm			
22651	YB85188	541235	6842024	EM	Rubble Crop													
22652	YB85188	541150	6842033	EM	OC													
22653	YD25830	541519	6842043	EM	OC													
22654	YB85187	540217	6841961	EM	OC													
22655	YB85365	540223	6842172	EM	OC													
22656	YB85189	540783	6842329	EM	OC													
22657	YB85189	540785	6842343	EM	OC													
22658	YB85363	540179	6842489	EM	OC													
22659	YB85363	540163	6842761	EM	OC													
22660	YB85363	540122	6842764	EM	OC													
22661	YB85362	540087	6842807	EM	OC													
22662	YB85362	540006	6842847	EM	OC													
22663	YB85347	541298	6841216	EM	Float													

Sample Number	Minex License	Easting	Northing	Sampler	Source	Rock Code	Colour	Carbonate Presence	Silicification	Alteration 1	Alteration 2	Alteration 3	Mineralization 1	Min 1 %	Mineralization 2	Min 2 %	Mineralization 3	Min 3 %
22664	YB85349	541915	6841545	EM	Float													
22665	YD25829	542011	6841656	EM	OC													
22666	YB85365	539981	6842482	EM	Rc													
22667	YB85365	539960	6842504	EM	OC													
22668	YB85187	540161	6842071	EM	OC													
22669	YB85376	539035	6842989	EM	OC													
22670	YB85377	539280	6842907	EM	OC													
22671	YB85377	539272	6842887	EM	OC													
22672	YB85377	539376	6842886	EM	OC													
22673	YB85377	539438	6842905	EM	OC													
I034672	YC72730	533405	6844193	LM	OC	QV	W		3	S3	L2		ASP	2				
I034673	YC72730	533442	6844203	JI	RC	QV	Gry		3	S3	L2		ASP	1				

Silt Sample Descriptions

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0001	YC72728	533960	6843792	M/J	Stream	ESE	l	Shale	l	0
0002	YC72446	534121	6845535	M/J	Stream	ESE	l	Shale	l	0
0003	YC72444	534318	6845480	M/J	Stream	ESE	m	Shale	m	0
0004	YC72442	534637	6845248	M/J	Stream	ESE	m	Shale	m	0
0005	YC72440	534876	6844936	M/J	Stream	SE	m	Shale	m	5
0006	YC72440	535172	6844668	M/J	Stream	E	f	Shale	h	20
0007	YC72727	534450	6844378	M/J	Stream	E	f	Shale	h	10
0008	YD26273	529292	6857877	M/J	Stream	E	l	shale	l	10
0009	YD26274	529473	6858158	M/J	Stream	E	l	shale, qrtz	l	0
0010	YD26251	529857	6858045	M/J	Stream	E	l	shale, qrtz	l	5
0011	YD26251	530235	6857954	M/J	Stream	E	f	shale	m	10
0012	YD26250	530278	6857648	M/J	Stream	E	m	shale, qrtz	m	10
0013	YD26252	530691	6857970	M/J	Stream	E	l	shale	l	5
0014	YD26225	530753	6858018	M/J	Stream	E	m	shale	m	10
0015	YD26201	531661	6858494	M/J	Stream	SE	l	none	l	0
0016	YD26201	531707	6858482	M/J	Stream	E	f	shale, qrtz	h	0
0017	YD26202	532305	6858711	M/J	Stream	E	f	shale	m	0
0018	YD26298	527471	6853167	JW/AH	Stream	W	l	shale		20
0019	YD26298	527341	6853051	JW/AH	Stream	W	l	shale		50
0020	YD26298	527153	6853070	JW/AH	Stream	W	m	moss		40
0021	YD26322	526983	6853025	JW/AH	Stream	W	m	shale		40
0022	YD26322	526781	6853016	JW/AH	Stream	W	m	shale		40
0023	YD26322	526599	6852979	JW/AH	Stream	W	m	shale		20
0024	YD26321	526373	6852942	JW/AH	Stream	W	m	shale		40
0025	YD26321	526166	6852897	JW/AH	Stream	W	m	shale		20
0026	YD11186	525987	6852811	JW/AH	Stream	W	l	shale		20
0027	YD11186	525782	6852780	JW/AH	Stream	W	l	shale		10
0028	YD11191	525619	6852639	JW/AH	Stream	W	l	shale, qpg		15
0029	YD11189	525430	6852398	JW/AH	Stream	W	l	shale		25
0030	YD25476	527404	6852352	JW/AH	Stream	W		shale		20
0031	YD25476	527187	6852267	JW/AH	Stream	W		shale		15
0032	YD11185	526556	6852211	JW/AH	Stream	W		shale		20
0033	YD11185	526355	6852179	JW/AH	Stream	W		silt		5
0034	YD11184	526089	6852194	JW/AH	Stream	W	l	shale		25
0035	YD11182	525984	6851920	JW/AH	Stream	W	l	shale		10
0036	YD11182	525908	6851744	JW/AH	Stream	SW	l	silt		10
0037	YD11182	525908	6851744	JW/AH	Stream	SW	l	silt		10
0038	YD11182	525772	6851536	JW/AH	Stream	SW	l	shale, qpg, qrtz		5
0039	YD10809	537569	6837890	MM	Stream	W		shale		5
0040	YD24723	537363	6839856	MM	Stream	W		shale, qrtz		5
0041	YD24722	537139	6839806	MM	Stream	W		shale		5
0042	YD24722	536952	6839735	MM	Stream	W		shale, qrtz		5
0043	YD24722	536773	6839647	MM	Stream	W		shale, qrtz		5
0044	YD24705	536660	6839461	MM	Stream	W	l	shale	l	10
0045	YD24705	536573	6839269	MM	Stream	W	l		l	5
0046	YD24706	536404	6839200	MM	Stream	W	l		l	20
0047	YD24706	536285	6839111	MM	Stream	S				10
0048	YD24704	536100	6839057	MM	Stream	W				10
0049	YD59329	528366	6852176	MM/JW	Stream	W		qtz pbl cong		20
0050	YD25450	528207	6851979	MM/JW	Stream	W				10
0051	YD25450	528110	6851773	MM/JW	Stream	W		qtz pbl cong/ shale		10
0052	YD25450	528065	6851607	MM/JW	Stream	W	m	shale/ qtz pbl cong	l	20
0053	YD25448	528065	6851420	MM/JW	Stream	W	f	shale/ qtz pbl cong	m	10
0054	YD25448	528043	6851243	MM/JW	Stream	W	m	shale	m	30
0055	YD25446	528112	6851050	MM/JW	Stream	W	m	qtz pbl cong	l	10
0056	YD25446	528103	6850814	MM/JW	Stream	W	m	shale	m	20
0057	YD25446	528017	6850640	MM/JW	Stream	W	m	qtz pbl cong/shale	m	30
0058	YD25443	527836	6850513	MM/JW	Stream	W	m	qtz pbl	m	20

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
								cong/shale		
0059	YD25443	527626	6850504	MM/JW	Stream	W	m	qtz pbl cong	m	20
0071	YD26247	530148	6857341	AH/NG	Stream	NE	l	shale	l	25
0072	YD26247	530203	6857446	AH/NG	Stream	N	l	shale	l	5
0073	YD26249	530224	6857530	AH/NG	Stream	NE	l	shale	l	20
0074	YD26250	530383	6857699	AH/NG	Stream	NE	l	shale	l	15
0075	YD26250	530387	6857666	AH/NG	Stream	N	l	shale	l	90
0076	YD26250	530413	6857694	AH/NG	Stream	N	l	shale	l	30
0077	YD26250	530508	6857825	AH/NG	Stream	NE	m	shale	l	30
0078	YD26250	530504	6857828	AH/NG	Stream	NE	l	shale	l	80
0079	YD26225	530774	6858017	AH/NG	Stream	NE	l	shale	l	15
0080	YD26225	530789	6858033	AH/NG	Stream	NE	m	shale	l	60
0081	YD26225	530832	6858050	AH/NG	Stream	NE	l	shale	l	75
0082	YD26202	532231	6858661	AH/NG	Stream	NE	l	shale	l	90
0083	YD26202	532249	6858678	AH/NG	Stream	NE	m	shale	l	10
0084	YD26202	532274	6858683	AH/NG	Stream	NE	m	shale	l	5
0085	YD26242	530706	6855760	NG/AH	Stream	S	m	shale/quartz	l	15
0086	YD26240	530634	6855588	NG/AH	Stream	E	l	shale	l	5
0087	YD26240	530628	6855577	NG/AH	Stream	E	l	Shale	l	50
0088	YD26240	530678	6855580	NG/AH	Stream	E	l	shale	l	0
0089	YD26215	530792	6855672	NG/AH	Stream	E	l	shale	l	5
0090	YD26215	530838	6855741	NG/AH	Stream	E	l	shale	l	0
0091	YD26191	531676	6856146	NG/AH	Stream	NE	m	shale	l	0
0092	YD26191	531724	6856176	NG/AH	Stream	E	m	shale	l	0
0093	YD26191	531905	6856215	NG/AH	Stream	E	l	shale	l	0
0094	YD26207	530763	6854073	NG/AH	Stream	NE	l	shale	l	30
0095	YD26207	531095	6854230	NG/AH	Stream	NE	l	shale	l	10
0096	YD26207	531084	6854262	NG/AH	Stream	NE	m	shale	l	20
0097	YD26207	531137	6854249	NG/AH	Stream	N	l	shale	l	25
0098	YD26210	531182	6854298	NG/AH	Stream	NE	m	shale	l	15
0099	YD26210	531412	6854379	NG/AH	Stream	NE	l	shale	l	20
0100	YD26210	531449	6854387	NG/AH	Stream	NE	m	shale	l	30
0101	YD26164	533410	6856029	NG/AH	Stream	NE	m	shale	l	0
0102	YD26164	533432	6856071	NG/AH	Stream	NE	f	shale	l	40
0103	YD25071	533725	6856495	NG/AH	Stream	N	l	silt	l	0
0104	YD25075	533794	6857185	NG/AH	Stream	SE	l	shale	l	5
0105	YD25075	533808	6857171	NG/AH	Stream	N	m	shale	l	50
0106	YD59361	529882	6849650	NG/AH	Stream	SW	m	shale	l	40
0107	YD59360	529766	6849489	NG/AH	Stream	SW	m	shale	l	30
0108	YD59360	529592	6849390	NG/AH	Stream	SW	f	shale	m	40
0109	YD59360	529430	6849307	NG/AH	Stream	SW	m	shale	l	25
0110	YD25414	529261	6849207	NG/AH	Stream	SW	m	shale	l	10
0111	YD25414	529188	6849122	NG/AH	Stream	N	l	QTZ/ Shale	l	5
0112	YD25414	529104	6849140	NG/AH	Stream	SW	f	shale	m	15
0113	YD25414	528926	6849067	NG/AH	Stream	SW	f	shale	m	20
0114	YD25413	528729	6849001	NG/AH	Stream	SW	l	shale	l	15
0115	YD25413	528544	6849029	NG/AH	Stream	S	f	shale	m	10
0116	YD25438	528364	6848927	NG/AH	Stream	SW	m	shale	l	20
0117	YD25438	528178	6848877	NG/AH	Stream	SW	m	shale	l	15
0118	YD25438	527983	6848926	NG/AH	Stream	SW	l	shale	l	25
0119	YD25435	527823	6848756	NG/AH	Stream	SW	f	shale	m	0
0120	YD25435	527684	6848609	NG/AH	Stream	W	m	shale	m	15
0121	YD25435	527548	6848444	NG/AH	Stream	W	m	shale	l	20
0122	YD25458	527421	6848289	NG/AH	Stream	SW	m	shale	m	35
0123	YD25458	527266	6848154	NG/AH	Stream	SW	l	shale	l	10
0180	YB85792	538563	6840598	JW/MM	Stream	E	m	shale/ qtz	l	15
0181	YB85791	538811	6840597	JW/MM	Stream	E	m	shale/ qtz	l	10
0182	YB85791	538999	6840638	JW/MM	Stream	E	m	shale/qtz/qpc	l	25
0183	YB85791	539160	6840776	JW/MM	Stream	E	l	shale	l	10
0184	YB85371	539223	6840972	JW/MM	Stream	E	m	shale		10
0185	YB85371	539284	6841188	JW/MM	Stream	E	m	shale/qtz/qpc		15
0186	YB85369	539367	6841461	JW/MM	Stream	E	m			20

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0187	YB85369	539344	6841579	JW/MM	Stream	NE	l	shale/qtz/qpc		15
0188	YD10860	536724	6843149	JW/MM	Stream	NW		shale		30
0189	YD10860	536571	6843275	JW/MM	Stream	NW				10
0190	YD10862	536494	6843461	JW/MM	Stream	NW	l		l	20
0191	YD10862	536331	6843590	jW/MM	Stream	NW	l		l	10
0192	YD24967	535258	6849467	NG/JW	Stream	E	l	shale	l	30
0193	YD24968	535436	6849560	NG/JW	Stream	NE	m	shale	m	5
0194	YD24968	535436	6849560	NG/JW	Stream	NE	m	shale	m	5
0195	YD24968	535561	6849458	NG/JW	Stream	N	l	shale/ qpc	l	25
0196	YD24968	535608	6849484	NG/JW	Stream	NE	l		l	10
0197	YD24943	535775	6849487	NG/JW	Stream	N	l	shale/qpc	l	15
0198	YD24943	535815	6849516	NG/JW	Stream	NE	f	shale/qpc	h	10
0199	YD24943	535990	6849591	NG/JW	Stream	NE	m	shale/qpc	m	35
0200	YD24943	536175	6849689	NG/JW	Stream	NE	m	shale/qpc	m	10
0201	YD24946	536375	6849719	NG/JW	Stream	NE	f	shale/qpc	m	15
0202	YD24944	536570	6849673	NG/JW	Stream	E	m	qpc	m	25
0203	YD24915	536762	6849615	NG/JW	Stream	E	f	qpc	h	30
0204	YD24915	536852	6849425	NG/JW	Stream	S	l	shale/qpc	l	5
0205	YD24913	536848	6849224	NG/JW	Stream	s	l	qpc	l	30
0206	YD24913	536878	6849045	NG/JW	Stream	s	l	qpc	l	15
0207	YD24913	536908	6848974	NG/JW	Stream	s	l	qpc	l	15
0208	YD24911	536928	6848775	NG/JW	Stream	s	l		l	15
0209	YD24911	536913	6848558	NG/JW	Stream	s	l	shale/qpc	l	20
0210	YD24911	536902	6848354	NG/JW	Stream	s	l		l	15
0211	YD24909	536939	6848151	NG/JW	Stream	s	l	shale/qpc	l	5
0212	YD24909	536929	6847946	NG/JW	Stream	s	l	shale/qpc	l	5
0213	YD24907	536980	6847754	NG/JW	Stream	s	l	shale/qpc	l	20
0214	YD24907	537074	6847570	NG/JW	Stream	s	l		l	15
0215	YD24905	537099	6847368	NG/JW	Stream	s	m	shale/qpc	m	15
0216	YD24960	535712	6847623	NG/JW	Stream	E		shale/qpc		15
0217	YD24935	535950	6847649	NG/JW	Stream	E				40
0218	YD24935	536037	6847621	NG/JW	Stream	E	l	shale/qtz/qpc		10
0219	YD24935	536231	6847656	NG/JW	Stream	E	f	shale/qtz/qpc		20
0220	YD24936	536415	6847668	NG/JW	Stream	E	m	shale		10
0221				NG/JW	Stream	E	l	shale	l	
0222	YD24907	536789	6847544	NG/JW	Stream	SE	l			15
0223	YD24905	536898	6847363	NG/JW	Stream	SE	l			5
0224	YD24905	537095	6847186	NG/JW	Stream	SE	m	shale/qtz		5
0225	YD24981	535013	6852522	NG/JW	Stream	E	f	shale		30
0226	YD24981	534987	6852560	NG/JW	Stream	E	f	shale/qtz/qpc		15
0227	YD24981	535046	6852615	NG/JW	Stream	E	f	shale/qtz/qpc		
0228	YD24981	535232	6852841	NG/JW	Stream	E	f			35
0229		535327	6852933	NG/JW	Stream	E	m	shale/qtz		40
0230	YB85190	541098	6842547	NG/JW	Stream	NE	m	shale/qtz	m	15
0231	YB85190	541141	6842563	NG/JW	Stream	NW	m	shale/qtz	m	35
0232	YB85191	541137	6842649	NG/JW	Stream	N	m	shale/qtz	m	35
0233	YB85191	541138	6842649	NG/JW	Stream	N	m	shale/qtz	m	35
0234	YB91366	541158	6842854	NG/JW	Stream	N	m	shale/qtz/qpc	m	30
0235	YB91366	541188	6843052	NG/JW	Stream	N	m	shale/qtz	m	35
0236	YB91366	541217	6843247	NG/JW	Stream	N	l	shale/qpc	l	5
0237		541257	6843444	NG/JW	Stream	N	f	shale/qtz	h	40
0238		541310	6843656	NG/JW	Stream	N	m	shale/qpc	m	10
0239	YF33079	541467	6843813	NG/JW	Stream	N	m	shale/qpc	m	10
0240	YF33079	541540	6844004	NG/JW	Stream	N	m	shale	m	35
0241	YF33077	541679	6843972	NG/JW	Stream	NE	m	shale/qpc	h	25
0242	YF33077	541723	6843987	NG/JW	Stream	W	m	shale/qtz	m	40
0243	YF33079	541660	6844035	NG/JW	Stream	W	m	shale/qtz	m	35
0244	YF33079	541545	6844137	NG/JW	Stream	W	m	shale/qtz	m	20
0245	YF33079	541373	6844246	NG/JW	Stream	W	m	shale/qtz	m	5
0246	YF33081	541222	6844452	NG/JW	Stream	SW	f	shale/qtz	h	30
0247	YF33081	541068	6844584	NG/JW	Stream	W	m	shale/qtz	l	25
0248	YF33082	540902	6844759	NG/JW	Stream	SW	f	shale/qtz/qpc	m	15

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0249	YF33083	540700	6844781	NG/JW	Stream	W	m	shale/qtz	m	35
0250	YF33085	540598	6844947	NG/JW	Stream	W	m	shale/qtz	m	10
0251	YD25468	527432	6850462	MM/JW	Stream	W	m	qtz pbl cong	m	10
0252	YD25468	527266	6850389	MM/JW	Stream	W	m	qtz pbl cong	m	20
0253	YD25468	527109	6850329	MM/JW	Stream	W	m	silt	m	40
0254	YD25443	527922	6850199	MM/JW	Stream	W	m	silt	m	20
0255	YD25465	526672	6850105	MM/JW	Stream	W	f		l	40
0256	YD25494	526415	6849920	MM/JW	Stream	W	m		m	20
0257	YD25494	526281	6849876	MM/JW	Stream	W	m		m	20
0258	YD10914	532015	6844056	MM/JW	Stream	W	l	silt	l	10
0259	YD29168	532019	6843877	MM/JW	Stream	S	l	silt	l	5
0260	YD29168	532129	6843728	MM/JW	Stream	S	l	silt	l	5
0261	YD29166	532130	6843476	MM/JW	Stream	S	l	silt	l	5
0262	YD29167	531996	6843322	MM/JW	Stream	W	l	silt	l	5
0263	YD29167	531804	6843193	MM/JW	Stream	W	m	silt	l	5
0264	YD29190	531613	6843044	MM/JW	Stream	W	l	silt	l	
0265	YD29188	531794	6842995	MM/JW	Stream	SW	l	silt	l	20
0266	YD29189	531276	6842793	MM/JW	Stream	SW	l	silt	l	20
0267	YD29189	531347	6842609	MM/JW	Stream	S	l	silt	l	10
0268	YD29187	531464	6842432	MM/JW	Stream	S	l	silt	l	10
0269		531313	6842132	MM/JW	Stream	S	l	silt	l	20
0270	YB85343	541091	6840396		Stream	NW	l	shale	l	5
0271	YB85343	540900	6840491		Stream	NW	l	shale	l	10
0272	YB85343	540788	6840611		Stream	W	l	shale	l	10
0273	YB85342	540614	6840669		Stream	NW	l	shale	l	0
0274	YB85342	540482	6840868		Stream	NW	m	shale, qrtz	m	0
0275	YB85182	540349	6841028		Stream	NW	l	shale	l	10
0276	YB85182	540165	6841177		Stream	NW	l	shale, iron oxide	l	0
0277	YB85183	539961	6841213		Stream	NW	l	shale	l	0
0278	YB85364	539632	6842501	NG/AH	Stream	W	l	shale	l	50
0279	YB85364	539463	6842394	NG/AH	Stream	W	m	shale/ qtz	m	60
0280	YB85366	539287	6842310	NG/AH	Stream	W	f	qtz	m	80
0281	YB85375	539068	6842334	NG/AH	Stream	W	l		l	30
0282	YB85375	538870	6842387	NG/AH	Stream	NW	m	qtz	m	30
0283	YB85374	538747	6842558	NG/AH	Stream	W	m	qtz/ qpc	m	30
0284	YB85374	538617	6842720	NG/AH	Stream	W	m	qpc	m	20
0285	YB85788	538475	6842886	NG/AH	Stream	NW	f	qpc	m	60
0286	YB85788	538350	6843050	NG/AH	Stream	NW	m	qtz	m	40
0287	YB85788	538184	6843181	NG/AH	Stream	W	f	qpc	h	50
0288	YB85787	538006	6843288	NG/AH	Stream	W	m		m	5
0289	YB85787	537835	6843400	NG/AH	Stream	W	m	qpc	m	30
0290	YD07148	537684	6843528	NG/AH	Stream	W	m	qpc	m	40
0291	YD07148	537527	6843659	NG/AH	Stream	W	m	qpc	m	0
0292	YD11174	537339	6843742	NG/AH	Stream	NW	m	shale/ qpc	m	30
0293	YD11174	537211	6843904	NG/AH	Stream	W	l		l	20
0294	YD11174	537028	6844030	NG/AH	Stream	W	f	qpc	h	60
0295	YD10866	536834	6844090	NG/AH	Stream	W	m	shale/ qpc	m	50
0296	YD10863	536635	6844142	NG/AH	Stream	W	m	qpc	m	0
0297	YD10865	536466	6844262	NG/AH	Stream	W	m	qpc	m	30
0298	YD10865	536229	6844329	NG/AH	Stream	W	m	qpc	l	25
0302	YD25741	540261	6838928	AH/NG	Stream	SE	m		m	60
0303	YD25741	540264	6838729	AH/NG	Stream	SW	m		l	50
0304	YD25741	540260	6838542	AH/NG	Stream	W	m	Qtz PC	h	40
0305	YD25741	540182	6838541	AH/NG	Stream	W	l	Qtz PC	l	60
0306		539444	6838461	AH/NG	Stream	W	m	Qtz PC	m	60
0307	YD10815	539103	6838430	AH/NG	Stream	W	f	Qtz PC, shale	h	40
0308	YD10815	539039	6838419	AH/NG	Stream	S	l	shale	l	0
0309	YD10815	538964	6838368	AH/NG	Stream	W	m	Qtz PC, shale	m	35
0310	YD10813	538470	6838069	AH/NG	Stream	S	m	Qtz PC, shale	m	30
0311	YD10813	538473	6837996	AH/NG	Stream	N	m	Qtz PC, shale	m	30
0312	YD10811	538438	6837974	AH/NG	Stream	W	f	Qtz PC, shale	h	45

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0313	YD10810	538231	6837809	AH/NG	Stream	W	f	Qtz PC, shale	h	30
0314	YD10808	538024	6837709	AH/NG	Stream	W	f	Qtz PC, shale	h	80
0315	YD10808	537648	6837536	AH/NG	Stream	W	f	Qtz PC, shale	h	40
0316	YD10855	537625	6837449	AH/NG	Stream	W	f	Qtz PC, shale	h	50
0317	YD10854	537413	6837442	AH/NG	Stream	W	f	Qtz PC, shale	h	40
0318	YD10852	537243	6837310	AH/NG	Stream	W	f	Qtz PC, shale	h	30
0319	YD10852	537061	6837260	AH/NG	Stream	W	m	Qtz PC, shale	m	50
0501	YD26281	528031	6854802	AH/NG	Stream	N	l	shale, qrtz	l	25
0502	YD26281	528022	6854893	AH/NG	Stream	N	l	shale	l	5
0503	YD26281	528016	6854913	AH/NG	Stream	NE	m	shale, qrtz	m	15
0504	YD26281	528042	6854931	AH/NG	Stream	N	m	shale	l	5
0505	YD26281	528100	6855141	AH/NG	Stream	W	f	shale	h	0
0506	YD26281	528078	6855171	AH/NG	Stream	W	m	shale	m	5
0507	YD26306	527966	6855346	AH/NG	Stream	NW	f	shale, qrtz	h	5
0508	YD26283	527976	6855350	AH/NG	Stream	W	m	shale	m	40
0509	YD26306	527957	6855375	AH/NG	Stream	W	m	shale	m	30
0510	YD26306	527631	6855605	AH/NG	Stream	W	f	shale	h	10
0511	YD26306	527644	6855613	AH/NG	Stream	W	m	shale	m	0
0512	YD26306	527619	6855632	AH/NG	Stream	W	f	shale, qtz peb conglom	h	0
0513	YD26308	527552	6855697	AH/NG	Stream	W	l	shale	l	5
0514	YD26307	527505	6855707	AH/NG	Stream	W	m	shale	l	5
0515	YD26334	526591	6855960	AH/NG	Stream	W	f	shale, qtz peb conglom	h	10
0516	YD26333	526443	6855981	AH/NG	Stream	W	l	shale	l	20
0517	YD26333	526384	6856004	AH/NG	Stream	W	f	shale	h	0
0518	YD26333	526351	6855976	AH/NG	Stream	NW	l	shale	l	10
0519	YD26333	526283	6855981	AH/NG	Stream	W	f	shale	h	5
0520	YD25543	524564	6855915	AH/NG	Stream	SW	l	shale, qtz	l	10
0521	YD25543	524491	6855819	AH/NG	Stream	W	m	shale	l	5
0522	YD25543	524328	6855761	AH/NG	Stream	W	m	shale	l	0
0523	YD24724	537422	6839187	NG/AH	Stream	W		silt		15
0524	YD24707	537227	6839124	NG/AH	Stream	W	l	shale	l	90
0525	YD24707	537034	6839056	NG/AH	Stream	W	l	shale	l	80
0526	YD24707	536845	6838999	NG/AH	Stream	W	l	shale, qtz	l	60
0527	YD24706	536647	6838980	NG/AH	Stream	W		shale, qtz		85
0528	YD24706	536448	6838964	NG/AH	Stream	W		shale, qtz		50
0529	YD24706	536251	6838946	NG/AH	Stream	W		shale		30
0530	YD10919	531647	6845050	NG/AH	Stream	NW	m	shale, qtz conglomerate	l	10
0531	YD24786	531446	6845318	NG/AH	Stream	W	m	qtz conglomerate	m	20
0532	YD24786	531338	6845148	NG/AH	Stream	W	f	qtz conglomerate	h	10
0533	YD24785	531326	6845084	NG/AH	Stream	N	l	shale, qtz conglomerate	l	10
0534	YD24785	531284	6844989	NG/AH	Stream	W	f	shale, qtz conglomerate	h	30
0535	YD24785	531258	6844756	NG/AH	Stream	W	f	qtz conglomerate	h	30
0536	YD24774	531178	6844502	NG/AH	Stream	SW	f	qtz conglomerate	h	5
0537	YD29172	531121	6844291	NG/AH	Stream	SW	f	qtz conglomerate	m	25
0538	YD29171	531016	6844110	NG/AH	Stream	SW	f	qtz conglomerate	m	15
0539	YD29171	530974	6843865	NG/AH	Stream	SW	m	qtz conglomerate	l	50
0540	YD29194	530926	6843666	NG/AH	Stream	SW	m	qtz conglomerate	l	5
0541	YD29194	530898	6843476	NG/AH	Stream	SW	m	qtz conglomerate	m	10
0542	YD29194	530795	6843294	NG/AH	Stream	SW	m	qtz conglomerate	l	15

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0543	YD29191	530774	6843107	NG/AH	Stream	S	l	qtz conglomerate	l	0
0544	YD29191	530729	6842927	NG/AH	Stream	S	m	qtz conglomerate	l	10
0545		530671	6842735	NG/AH	Stream	S	m	qtz conglomerate	m	20
0546		530566	6842561	NG/AH	Stream	W	m	qtz conglomerate	m	5
0547		530375	6842534	NG/AH	Stream	W	m	qtz conglomerate	h	20
0548	YF33084	540435	6845080	NG/JW	Stream	W	m	shale/qtz	m	5
0549	YF33086	540267	6845203	NG/JW	Stream	W	f	shale/qtz	m	5
0550	YD10920	536830	6840708	NG/JW	Stream	NW	l	shale/qtz	m	20
0551	YD10920	536785	6840826	NG/JW	Stream	SW		shale/qtz		35
0552	YD10920	536712	6840821	NG/JW	Stream	NW	m	shale/qtz	m	40
0553	YD10920	536569	6840971	NG/JW	Stream	NW	m	shale/qtz	m	30
0554	YD10922	536465	6841140	NG/JW	Stream	NW	m	shale/qtz	m	35
0555	YD10922	536341	6841265	NG/JW	Stream	NW	m	shale/qtz	m	5
0556	YD07109	536145	6841288	NG/JW	Stream	W	f	shale	h	0
0557	YD10901	535956	6841251	NG/JW	Stream	W	m	shale	h	0
0559	YC72446	534132	6845527	NG/JW	Stream	E	S	shale	l	5
0560	YC72444	534550	6845422	NG/JW	Stream	E	F	shale/qtz	l	80
0561	YC72442	534746	6845090	NG/JW	Stream	E	S	shale	l	14
0562	YC72440	535040	6844799	NG/JW	Stream	E	S	shale	l	20
0563	YC89513	535315	6844537	NG/JW	Stream	E	S	shale	l	5
0564	YC89511	535633	6844283	NG/JW	Stream	E	S	shale	l	5
0565	YD26316	527740	6857716	MM/JW	Stream	W	m	shale	m	5
0566	YD26316	527668	6857660	MM/JW	Stream	NW		shale		5
0567	YD26316	527558	6857671	MM/JW	Stream	W	m	shale	m	0
0568	YD26342	526830	6857725	MM/JW	Stream	W	l	shale	l	0
0569	YD26342	526822	6857711	MM/JW	Stream	W	l	shale	l	0
0570	YD26342	526779	6857725	MM/JW	Stream	W	m		m	10
0571	YD26342	526677	6857805	MM/JW	Stream	SW	l		l	40
0572	YD26342	526595	6857771	MM/JW	Stream	W	m		m	20
0573	YD25580	526105	6857941	MM/JW	Stream	W	m	shale	m	10
0574	YD25580	525683	6858081	MM/JW	Stream	W	m		m	20
0575	YD25554	525206	6858029	MM/JW	Stream	W	m	shale	m	0
0576	YD25552	524869	6857691	MM/JW	Stream	W	l		l	10
0577	YD25529	523560	6858626	MM/JW	Stream	W	m		m	0
0578	YD25552	524869	6857564	MM/JW	Stream	W	l	ss, shale	l	0
0579	YD25521	523575	6856552	MM/JW	Stream	S	l		l	5
0580	YD25519	523535	6856537	MM/JW	Stream	S	l		l	0
0581	YD25521	523511	6856593	MM/JW	Stream	S	l	shale, qrtz	l	5
0582	YD25523	523694	6857338	MM/JW	Stream	W	l		l	20
0583	YD25523	523775	6857427	MM/JW	Stream	S	l		l	20
0584	YD59458	532136	6852706	MM/JW	Stream	NE	l	shale	l	0
0585	YD59458	532307	6852733	MM/JW	Stream	E	l	shale	l	0
0586	YD59458	532307	6852732	MM/JW	Stream	E	l	shale	l	0
0587	YD59458	532152	6852635	MM/JW	Stream	NE	l	shale	l	10
0588	YD59458	532122	6852453	MM/JW	Stream	NE	l	shale, qrtz	l	0
0589		523194	6852183	MM/JW	Stream	E	l	shale	l	10
0590	YD59455	532587	6851883	MM/JW	Stream	NE	m	shale, qrtz	m	5
0591	YD59455	532685	6851814	MM/JW	Stream	N	m	shale, qrtz	m	10
0592	YD59457	532786	6852113	MM/JW	Stream	N	l	shale	l	5
0593	YD59457	532811	6852397	MM/JW	Stream	N	m	shale	m	5
0594	YD59459	532886	6852473	MM/JW	Stream	NW	l	shale, qrtz	l	10
0595	YD59457	532872	6852325	MM/JW	Stream	N	m	shale	m	30
0596	YD59459	532913	6852676	MM/JW	Stream	NE	m	shale	m	5
0597	YD59459	532992	6852764	MM/JW	Stream	NE	f	shale	l	10
0598	YD26152	533174	6852987	MM/JW	Stream	NE	l		l	0
0599	YD26152	533177	6853346	MM/JW	Stream	N	m		m	5
0600	YD25073	533756	6856622	MM/JW	Stream	N	m	shale	m	0
0601	YD25075	533801	6857217	MM/JW	Stream	N	f		l	10

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0602	YD24723	537716	6839720	JW	Stream	W		shale		5
0603	YD24723	537529	6839675	JW	Stream	W				
0604	YD24724	537329	6839652	JW	Stream	W		shale/quartz		5
0605	YD24724	537137	6839561	JW	Stream	W		shale/quartz		5
0606	YD24722	536974	6839460	JW	Stream	W	l	shale/quartz		10
0607	YD24705	536794	6839373	JW	Stream	W		shale/quartz		35
0608	YD24705	536652	6839210	JW	Stream	W		shale/quartz		20
0609	YD24706	536500	6839095	JW	Stream	W		shale		35
0610	YD24706	536297	6839077	JW	Stream	W				10
0611	YB85183	539789	6841413		Stream	NW	m	shale, qrtz	m	5
0612	YB85369	539628	6841470		Stream	NW	m	shale, qrtz	m	0
0613	YB85369	539502	6841570		Stream	NW	m	shale	m	0
0614					Stream					
0615	YD29183	532297	6842132		Stream	NW	l	shale	l	50
0616	YB91751	537275	6842279		Stream	NW	l	shale	l	5
0617	YB85783	537180	6842457		Stream	NW	m	qpg	m	20
0618	YD24747	537121	6842648		Stream	NW	m	silt	m	30
0619	YD24758	537046	6842836		Stream	NW	m	moss	m	30
0620	YD24758	536925	6842993		Stream	NW	m	moss	m	30
0621	YD24976	535659	6851225	MM/RG	Stream	E	l	qrtz	l	20
0622	YD24951	535836	6851284	MM/RG	Stream	E	l	shale	l	0
0623	YD24951	535991	6851429	MM/RG	Stream	E	m	qrtz	l	20
0624	YD24953	536139	6851554	MM/RG	Stream	E	m	shale	l	0
0625	YD24954	536263	6851647	MM/RG	Stream	E		qpc, shale	m	10
0626	YD24954	536469	6851661	MM/RG	Stream	E	m	qpc	m	20
0627	YD24954	536654	6851650	MM/RG	Stream	E	l	qpc	l	20
0628	YD24925	537047	6851716	MM/RG	Stream	E	m	qpc	l	10
0629				MM/RG	Stream					
0630	YD24970	535539	6850001	MM/RG	Stream	E	l	shale	m	0
0631	YD24970	535738	6850057	MM/RG	Stream	E	m	qpc	m	10
0632	YD24945	535937	6850063	MM/RG	Stream	E	m	qrtz, shale	m	10
0633	YD24945	536116	6850048	MM/RG	Stream	E	m		l	20
0634	YD24946	536298	6850014	MM/RG	Stream	E	l		l	20
0635	YD24946	536515	6849972	MM/RG	Stream	E	m		m	20
0636	YD24917	536700	6849935	MM/RG	Stream	E	m		m	10
0637	YD24917	536950	6849879	MM/RG	Stream	E	l		l	10
0638	YD24917	537093	6849814	MM/RG	Stream	E	l		l	0
0639	YD07139	538892	6844644	MM/RG	Stream	W	l		l	30
0640	YD07140	538899	6844930	MM/RG	Stream	NW	l		l	20
0641	YD07142	538861	6845175	MM/RG	Stream	NW	l	qrtz, shale	l	10
0642	YD07142	538804	6845442	MM/RG	Stream	NW	l		l	10
0643	YF33094	538666	6845763	MM/RG	Stream	NW	l		l	10
0644	YF33097	538563	6846014	MM/RG	Stream	NW	l		l	10
0645	YF33097	538449	6846316	MM/RG	Stream	NW	l		l	10
0646	YF33108	538305	6846568	MM/RG	Stream	W	f		m	0
0647	YF33109	538054	6846724	MM/RG	Stream	W	f		h	0
0648		523221	6845104	MM/RG	Stream	NE		shale	m	0
0649		523342	6845236	MM/RG	Stream	NE	m	shale	h	10
0650		523351	6845418	MM/RG	Stream	NE	m	shale	h	10
0651		523356	6845672	MM/RG	Stream	NE	f	shale	h	0
0652		523457	6845962	MM/RG	Stream	NE	m		h	10
0653		523525	6846121	MM/RG	Stream	NE	f	shale	h	0
0654		523620	6846185	MM/RG	Stream	NE	f	shale	h	0
0655		523813	6846465	MM/RG	Stream	NE	m	shale	m	0
0656		523998	6846688	MM/RG	Stream	NE	f	shale	h	0
0657		524216	6846874	MM/RG	Stream	NE	m	shale	m	0
0658		524507	6847188	MM/RG	Stream	NE	f	shale	m	0
0659		524749	6847341	MM/RG	Stream	NE	f		h	0
0660		525013	6847366	MM/RG	Stream	E	f		h	10
0661	YD10901	535786	6841167	NG/JW	Stream	W	m	shale	h	5
0662	YD10901	535598	6841080	NG/JW	Stream	W	m	shale	m	20
0698		525255	6847390	MM/RG	Stream	E	f		h	20

Sample Number	Minex License	Easting	Northing	Sampler	Silt Source	Flow Direction	Flow Velocity	Composition	Turbidity	% Organics
0699		525668	6847247	MM/RG	Stream	E	f		h	20
0700	YD25481	525877	6847163	MM/RG	Stream	E	f		h	10
0701	YD25481	526070	6847006	MM/RG	Stream	E	f		h	0
0702	YD25482	526508	6847110	MM/RG	Stream	E	f		h	40
0703	YD25453	526849	6847257	MM/RG	Stream	E	f		h	10
0704	YD25454	527245	6847264	MM/RG	Stream	E	m		m	0
0705		525618	6845232	MM/RG	Stream	E	l	shale	l	5
0706		525812	6845343	MM/RG	Stream	E	m	shale	l	5
0707		525988	6845560	MM/RG	Stream	E	m		l	10
0708		526248	6845658	MM/RG	Stream	E	m		m	30
0709		526548	6845837	MM/RG	Stream	E	m		m	10
0710		526815	6846033	MM/RG	Stream	E	m		m	10
0711		527058	6846293	MM/RG	Stream	E	l		l	20
0712		527357	6846280	MM/RG	Stream	E	l		l	10
0713		527717	6846309	MM/RG	Stream	E	l		l	20
3910		518338	6852679	GL	Stream	E				
3911		518703	6853125	GL	Stream	E				
3912		519386	6853385	GL	Stream	E				

Soil Sample Descriptions

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0321	YD07128	532788.08	6844195.54	50N	3200E	AH/MMC	Soil-B	Grab	30	GYBR	BF	5
0322	YD07128	532764.12	6844173.59	50N	3175E	AH/MMC	Soil-B	Grab	40	GYBR	BF	10
0323	YD07128	532743.51	6844151.4	50N	3150E	AH/MMC	Soil-B	Grab	50	GYBR	BF	5
0324	YD07128	532727.81	6844134.97	50N	3125E	AH/MMC	Soil-B	Grab	45	GYBR	BF	10
0325	YD07128	532717.76	6844121.76	50N	3100E	AH/MMC	Soil-B	Grab	30	OBR	BF	10
0326	YD07127	532705.11	6844100.13	50N	3075E	AH/MMC	Soil-B	Grab	40	ROBR	BF	10
0327	YD07127	532691.1	6844073.34	50N	3050E	AH/MMC	Soil-B	Grab	5	GYBR	BF	15
0328	YD07127	532677.44	6844052.62	50N	3025E	AH/MMC	Soil-B	Grab	15	OBR	BF	0
0329	YD07127	532659.83	6844037.42	50N	3000E	AH/MMC	Soil-B	Grab	10	GYBR	BF	15
0330	YD07127	532648.89	6844020.61	50N	2975E	AH/MMC	Soil-B	Grab	10	GYBR	BF	10
0331	YD07127	532626.97	6843995.23	50N	2950E	AH/MMC	Soil-B	Grab	15	BR	BF	10
0332	YD07127	532614.05	6843976.42	50N	2925E	AH/MMC	Soil-B	Grab	35	OBR	BF	10
0333	YD07127	532593.82	6843958.46	50N	2900E	AH/MMC	Soil-B	Grab	15	OBR	BF	10
0334	YD07127	532578.52	6843940.34	50N	2875E	AH/MMC	Soil-B	Grab	30	GYBR	BF	10
0335	YD07127	532570.51	6843917.94	50N	2850E	AH/MMC	Soil-B	Grab	30	GYBR	BF	5
0336	YD07127	532559.74	6843897.2	50N	2825E	AH/MMC	Soil-B	Grab	30	BR	BF	15
0337	YD07127	532537.2	6843877.79	50N	2800E	AH/MMC	Soil-B	Grab	20	GYBR	BF	5
0338	YD07127	532508.51	6843846.71	50N	2750E	AH/MMC	Soil-B	Grab	30	GYBR	BF	5
0339	YD07127	532474.6	6843805.51	50N	2700E	AH/MMC	Soil-B	Grab	30	GYBR	BF	5
0340	YD07127	532459.66	6843780.26	50N	2675E	AH/MMC	Soil-B	Grab	30	GYBR	BF	20
0341	YD29166	532421	6843741.04	50N	2625E	AH/MMC	Soil-B	Grab	70	GYBR	BF	20
0342	YD29166	532418.11	6843741.35	50N	2600E	AH/MMC	Soil-B	Grab	40	GYBR	BF	20
0343	YD29166	532405.61	6843715.04	50N	2575E	AH/MMC	Soil-B	Grab	70	GYBR	BF	10
0344	YD29166	532394.87	6843696.27	50N	2550E	AH/MMC	Soil-B	Grab	50	GYBR	BF	10
0345	YD29166	532380.29	6843684.57	50N	2525E	AH/MMC	Soil-B	Grab	40	GYBR	BF	5
0346	YD29166	532361.33	6843660.09	50N	2500E	AH/MMC	Soil-B	Grab	30	OBR	BF	5
0347	YD29166	532349.96	6843646	50N	2475E	AH/MMC	Soil-B	Grab	50	T	BF	5
0371	YD07128	532855.81	6844132.77	49N	E3200	MMC/NG	Soil-B	Grab	40	NBR	BF	10
0372	YD07128	532841.52	6844115.02	49N	E3175	MMC/NG	Soil-B	Grab	60	NBR	BF	15
0373	YD07128	532828.73	6844093.85	49N	E3150	MMC/NG	Soil-B	Grab	50	OBR	BF	10
0374	YD07128	532810.83	6844076.92	49N	E3125	MMC/NG	Soil-B	Grab	30	ROBR	BF	5
0375	YD07128	532798.33	6844054.35	49N	E3100	MMC/NG	Soil-B	Grab	40	ROBR	BF	5
0376	YD07127	532782.93	6844033.65	49N	E3075	MMC/NG	Soil-B	Grab	15	OBR	BF	5
0377	YD07127	532755.21	6843993.5	49N	E3025	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0378	YD07127	532734.46	6843970.96	49N	E3000	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0379	YD07127	532717.67	6843951.21	49N	E2975	MMC/NG	Soil-B	Grab	40	OBR	BF	10
0380	YD07127	532707.57	6843937.4	49N	E2950	MMC/NG	Soil-B	Grab	30	OBR	BF	5
0381	YD07127	532676.76	6843893.68	49N	E2900	MMC/NG	Soil-B	Grab	30	ROBR	BF	5
0382	YD07127	532658.47	6843878.44	49N	E2875	MMC/NG	Soil-B	Grab	50	GYBR	BF	15
0383	YD07127	532643.4	6843859.11	49N	E2850	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0385	YD07127	532610.27	6843813.99	49N	E2800	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0386	YD07127	532595.73	6843797.89	49N	E2775	MMC/NG	Soil-B	Grab	40	GYBR	BF	15
0387	YD07127	532581.22	6843776.5	49N	E2750	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0388	YD07127	532566.72	6843758.26	49N	E2725	MMC/NG	Soil-B	Grab	40	T	BF	10
0389	YD07127	532552.51	6843740.98	49N	E2700	MMC/NG	Soil-B	Grab	40	GYBR	BF	10
0390	YD07127	532534.51	6843719.27	49N	E2675	MMC/NG	Soil-B	Grab	50	OBR	BF	15
0391	YD07127	532520.42	6843699.98	49N	E2650	MMC/NG	Soil-B	Grab	40	GYBR	BF	20
0392	YD29166	532508.11	6843676.34	49N	E2625	MMC/NG	Soil-B	Grab	60	GRY	BF	10
0393	YD29166	532487.23	6843655.39	49N	E2600	MMC/NG	Soil-B	Grab	40	OBR	BF	10
0394	YD29166	532474.81	6843636.55	49N	E2575	MMC/NG	Soil-B	Grab	70	GYBR	BF	15
0395	YD29166	532463.7	6843622.48	49N	E2550	MMC/NG	Soil-B	Grab	40	GYBR	BF	10
0396	YD29166	532443.35	6843605.97	49N	E2525	MMC/NG	Soil-B	Grab	40	BR	BF	10
0397	YD29166	532429.8	6843577.36	49N	E2500	MMC/NG	Soil-B	Grab	40	GYBR	BF	15
0398	YD29166	532406.97	6843559.13	49N	E2475	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0399	YD29166	532402.22	6843543.71	49N	E2450	MMC/NG	Soil-B	Grab	40	GYBR	BF	10
0400	YD29166	532383.38	6843514.62	49N	E2425	MMC/NG	Soil-B	Grab	50	GRY	BF	5
0401	YD29166	532367.58	6843503.64	49N	E2400	MMC/NG	Soil-B	Grab	40	OBR	BF	10
0402	YD29166	532346.16	6843475.7	49N	E2375	MMC/NG	Soil-B	Grab	50	GYBR	BF	20
0403	YD29166	532334.9	6843462.56	49N	E2350	MMC/NG	Soil-B	Grab	40	GYBR	BF	15
0404	YD29166	532317.13	6843438.1	49N	E2325	MMC/NG	Soil-B	Grab	60	GYBR	BF	15
0405	YD29166	532299.14	6843415.57	49N	E2300	MMC/NG	Soil-B	Grab	60	OBR	BF	10
0406	YD29166	532291.84	6843406.66	49N	E2275	MMC/NG	Soil-B	Grab	80	NGY	BF	20
0407	YD29166	532273.42	6843387.96	49N	E2250	MMC/NG	Soil-B	Grab	40	GRY	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0408	YD29166	532258.67	6843367.82	49N	E2225	MMC/NG	Soil-B	Grab	60	BR	BF	5
0409	YD29166	532241.52	6843347.85	49N	E2200	MMC/NG	Soil-B	Grab	60	GYBR	BF	10
0410	YD29165	532227.46	6843329.11	49N	E2175	MMC/NG	Soil-B	Grab	40	GRY	BF	15
0411	YD29165	532182.4	6843264.76	49N	E2100	MMC/NG	Soil-B	Grab	40	OBR	BF	5
0412	YD29165	532163.84	6843245.65	49N	E2075	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0413	YD29165	532153.43	6843225.23	49N	E2050	MMC/NG	Soil-B	Grab	30	OBR	BF	5
0414	YD29165	532137.02	6843208.89	49N	E2025	MMC/NG	Soil-B	Grab	50	T	BF	5
0415	YD29165	532122.28	6843189.2	49N	E2000	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0416	YD29165	532103.13	6843171.92	49N	E1975	MMC/NG	Soil-B	Grab	50	GYBR	BF	5
0417	YD29165	532089.52	6843150.42	49N	E1950	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0418	YD29165	532072.01	6843130.32	49N	E1925	MMC/NG	Soil-B	Grab	40	GYBR	BF	10
0419	YD29165	532057.11	6843108.81	49N	E1900	MMC/NG	Soil-B	Grab	40	GYBR	BF	5
0420	YD29165	532044.18	6843086.4	49N	E1875	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0421	YD29165	532029.04	6843070.73	49N	E1850	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0422	YD29165	532008.26	6843051.26	49N	E1825	MMC/NG	Soil-B	Grab	30	GYBR	BF	0
0423	YD29165	531997.51	6843033.99	49N	E1800	MMC/NG	Soil-B	Grab	30	OBR	BF	5
0424	YD29165	531980.2	6843013.07	49N	E1775	MMC/NG	Soil-B	Grab	30	GYBR	BF	5
0425	YD29165	531966.53	6842986	49N	E1750	MMC/NG	Soil-B	Grab	40	GRY	BF	10
0426	YD07128	532952.35	6844086.99	48N	3225E	MMc/NG	Soil-B	Grab	30	GY	BF	5
0427	YD07128	532942.22	6844072.73	48N	3200E	MMc/NG	Soil-B	Grab	30	GY	BF	10
0428	YD07128	532921.57	6844052.43	48N	3175E	MMc/NG	Soil-B	Grab	30	GY	BF	10
0429	YD07128	532908.5	6844033.66	48N	3150E	MMc/NG	Soil-B	Grab	30	GY	BF	10
0430	YD07128	532889.73	6844012.14	48N	3125E	MMc/NG	Soil-B	Grab	30	GYBR	BF	10
0431	YD07127	532874.67	6843991.33	48N	3100E	MMc/NG	Soil-B	Grab	40	BR	BF	5
0432	YD07127	532858.23	6843972.29	48N	3075E	MMc/NG	Soil-B	Grab	30	GYBR	BF	5
0433	YD07127	532847.88	6843953.79	48N	3050E	MMc/NG	Soil-B	Grab	40	BR	BF	5
0434	YD07127	532784.67	6843874.66	48N	2950E	MMc/NG	Soil-B	Grab	30	BR	BF	5
0435	YD07127	532770.82	6843852.49	48N	2925E	MMc/NG	Soil-B	Grab	40	GYBR	BF	10
0436	YD07127	532741.03	6843819.36	48N	2875E	MMc/NG	Soil-B	Grab	30	GYBR	BF	10
0437	YD07127	532721.92	6843797.63	48N	2850E	MMc/NG	Soil-B	Grab	30	GYBR	BF	10
0438	YD07127	532707.18	6843774.98	48N	2825E	MMc/NG	Soil-B	Grab	30	BR	BF	5
0439	YD07127	532695	6843757.16	48N	2800E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0440	YD07127	532676.97	6843738.1	48N	2775E	MMc/NG	Soil-B	Grab	40	BR	BF	5
0441	YD07127	532664.24	6843717.67	48N	2750E	MMc/NG	Soil-B	Grab	40	OBR	BF	5
0442	YD07127	532645.98	6843700.19	48N	2725E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0443	YD07127	532632.09	6843677.65	48N	2700E	MMc/NG	Soil-B	Grab	40	GYBR	BF	10
0444	YD07127	532617.83	6843658.63	48N	2675E	MMc/NG	Soil-B	Grab	40	GYBR	BF	10
0445	YD07127	532599.36	6843637.26	48N	2650E	MMc/NG	Soil-B	Grab	30	GYBR	BF	5
0446	YD29166	532581.27	6843618.94	48N	2625E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0447	YD29166	532570.13	6843601.14	48N	2600E	MMc/NG	Soil-B	Grab	40	BR	BF	5
0448	YD29166	532559.91	6843584.12	48N	2575E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0449	YD29166	532538.22	6843559.5	48N	2550E	MMc/NG	Soil-B	Grab	30	ROBR	BF	5
0450	YD29166	532521.75	6843540.07	48N	2525E	MMc/NG	Soil-B	Grab	40	OBR	BF	5
0451	YD29166	532505.62	6843518.31	48N	2500E	MMc/NG	Soil-B	Grab	30	ROBR	BF	5
0452	YD29166	532489.77	6843501.17	48N	2475E	MMc/NG	Soil-B	Grab	25	GYBR	BF	10
0453	YD29166	532478.73	6843480.4	48N	2450E	MMc/NG	Soil-B	Grab	30	GYBR	BF	10
0454	YD29166	532463.27	6843463.96	48N	2425E	MMc/NG	Soil-B	Grab	60	GYBR	BF	10
0455	YD29166	532446.53	6843439.41	48N	2400E	MMc/NG	Soil-B	Grab	40	GYBR	BF	10
0456	YD29166	532430.83	6843421.81	48N	2375E	MMc/NG	Soil-B	Grab	40	GYBR	BF	10
0457	YD29166	532399.99	6843382.57	48N	2325E	MMc/NG	Soil-B	Grab	50	GY	BF	15
0458	YD29166	532383.79	6843362.91	48N	2300E	MMc/NG	Soil-B	Grab	80	BR	BF	5
0459	YD29166	532368.08	6843344.58	48N	2275E	MMc/NG	Soil-B	Grab	80	BR	BF	10
0460	YD29166	532354.35	6843324.24	48N	2250E	MMc/NG	Soil-B	Grab	50	GYBR	BF	10
0461	YD29166	532355.08	6843324.88	48N	2250E	MMc/NG	Soil-B	Grab	50	GYBR	BF	10
0462	YD29166	532338.57	6843299.58	48N	2225E	MMc/NG	Soil-B	Grab	30	BR	BF	10
0463	YD29166	532324.27	6843282.77	48N	2200E	MMc/NG	Soil-B	Grab	80	GY	BF	5
0464	YD29165	532306.27	6843264.82	48N	2175E	MMc/NG	Soil-B	Grab	70	GY	BF	10
0465	YD29165	532287.54	6843248.06	48N	2150E	MMc/NG	Soil-B	Grab	90	GYBR	BF	10
0466	YD29165	532273.65	6843222.71	48N	2125E	MMc/NG	Soil-B	Grab	30	GY	BF	10
0467	YD29165	532264.83	6843208.86	48N	2100E	MMc/NG	Soil-B	Grab	30	GYBR	BF	10
0468	YD29165	532232.1	6843165.51	48N	2050E	MMc/NG	Soil-B	Grab	30	GY	BF	5
0469	YD29165	532214.64	6843144.7	48N	2025E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0470	YD29165	532198.91	6843125.88	48N	2000E	MMc/NG	Soil-B	Grab	40	OBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0471	YD29165	532187.15	6843108.05	48N	1975E	MMc/NG	Soil-B	Grab	40	ROBR	BF	5
0472	YD29165	532168.99	6843085.01	48N	1950E	MMc/NG	Soil-B	Grab	40	GY	BF	5
0473	YD29165	532151.86	6843067.24	48N	1925E	MMc/NG	Soil-B	Grab	30	GYBR	BF	5
0474	YD29165	532141.24	6843052.61	48N	1900E	MMc/NG	Soil-B	Grab	30	GYBR	BF	5
0475	YD29165	532108.14	6843006.13	48N	1850E	MMc/NG	Soil-B	Grab	25	ROBR	BF	5
0476	YD29165	532095.24	6842988.09	48N	1825E	MMc/NG	Soil-B	Grab	30	GYBR	BF	5
0477	YD29165	532075.09	6842969.28	48N	1800E	MMc/NG	Soil-B	Grab	40	GYBR	BF	5
0478	YD29165	532062.87	6842947.68	48N	1775E	MMc/NG	Soil-B	Grab	40	BR	BF	5
0479	YC72447	533215.33	6845723.19	56N	4675E	MMc/JW	Soil-B	Grab	40	BR	AM	10
0480	YC72447	533202.31	6845709.31	56N	4650E	MMc/JW	Soil-B	Grab	40	BR	AM	10
0481	YC72447	533185.53	6845686.41	56N	4625E	MMc/JW	Soil-B	Grab	40	BR	AM	5
0482	YC72447	533170.28	6845668.05	56N	4600E	MMc/JW	Soil-B	Grab	40	GYBR	AM	5
0483	YC72447	533155.81	6845648.17	56N	4575E	MMc/JW	Soil-B	Grab	40	GYBR	AM	10
0484	YC72447	533140.25	6845628.37	56N	4550E	MMc/JW	Soil-B	Grab	10	GYBR	AM	5
0485	YC72447	533124.6	6845608.73	56N	4525E	MMc/JW	Soil-B	Grab	25	GYBR	AM	10
0486	YC72447	533108.28	6845586.94	56N	4500E	MMc/JW	Soil-B	Grab	15	GYBR	AM	10
0487	YC72447	533093.21	6845569.91	56N	4475E	MMc/JW	Soil-B	Grab	15	GYBR	BF	10
0488	YC72447	533077.79	6845549.47	56N	4450E	MMc/JW	Soil-B	Grab	20	GYBR	BF	5
0489	YC89528	533061.86	6845530.58	56N	4425E	MMc/JW	Soil-B	Grab	20	GYBR	BF	5
0490	YC89528	533047.03	6845508.61	56N	4400E	MMc/JW	Soil-B	Grab	20	GYBR	BF	5
0491	YC89528	533033.65	6845491.67	56N	4375E	MMc/JW	Soil-B	Grab	40	GYBR	BF	10
0492	YC89528	533016.82	6845472.02	56N	4350E	MMc/JW	Soil-B	Grab	40	GYBR	BF	10
0493	YC89528	533003.3	6845450.43	56N	4325E	MMc/JW	Soil-B	Grab	40	RGYBR	BF	5
0494	YC89528	532985.88	6845432.82	56N	4300E	MMc/JW	Soil-B	Grab	50	GYBR	BF	10
0495	YC89528	532970.02	6845412.76	56N	4275E	MMc/JW	Soil-B	Grab	40	BR	BF	15
0496	YC89528	532953.29	6845393.74	56N	4250E	MMc/JW	Soil-B	Grab	40	RBR	BF	15
0497	YC89528	532941.07	6845373.23	56N	4225E	MMc/JW	Soil-B	Grab	30	GYBR	BF	5
0498	YC89528	532923.08	6845352.06	56N	4200E	MMc/JW	Soil-B	Grab	30	GYBR	BF	5
0499	YC89528	532907.42	6845334.13	56N	4175E	MMc/JW	Soil-B	Grab	15	GYBR	BF	5
0500	YC89528	532892.88	6845313.4	56N	4150E	MMc/JW	Soil-B	Grab	25	GYBR	BF	5
0663	YD07126	533269.58	6843842.21	44N	3225E	NG/RG	Soil-B	Grab	40	OBR	BF	5
0664	YD07126	533255.61	6843823.21	44N	3200E	NG/RG	Soil-B	Grab	40	OBR	BF	0
0665	YD07126	533237.04	6843807.22	44N	3175E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0666	YD07126	533221.84	6843787.97	44N	3150E	NG/RG	Soil-B	Grab	40	ROBR	BF	15
0667	YD07126	533201.84	6843765.15	44N	3125E	NG/RG	Soil-B	Grab	40	BR	BF	5
0668	YD07125	533190.74	6843749.15	44N	3100E	NG/RG	Soil-B	Grab	40	T	BF	0
0669	YD07125	533172.91	6843731.34	44N	3075E	NG/RG	Soil-B	Grab	50	BR	BF	0
0670	YD07125	533159.43	6843700.6	44N	3050E	NG/RG	Soil-B	Grab	30	BR	BF	5
0671	YD07125	533140.88	6843688.55	44N	3025E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0672	YD07125	533110.96	6843645	44N	3000E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0673	YD07125	533130.95	6843665.09	44N	2975E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0674	YD07125	533100.4	6843627.33	44N	2950E	NG/RG	Soil-B	Grab	30	GYBR	BF	10
0675	YD07125	533085.9	6843607.52	44N	2925E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
0676	YD07125	533072.79	6843583.23	44N	2900E	NG/RG	Soil-B	Grab	40	GYBR	BF	15
0677	YD07125	533053.73	6843569.3	44N	2875E	NG/RG	Soil-B	Grab	30	GYBR	BF	0
0678	YD07125	533038.43	6843556.07	44N	2850E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0679	YD07125	533019.21	6843537.89	44N	2825E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0680	YD07125	533003.53	6843512.12	44N	2800E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
0681	YD07125	532994.13	6843497.37	44N	2775E	NG/RG	Soil-B	Grab	40	GYBR	BF	10
0682	YD07125	532970.91	6843471.79	44N	2750E	NG/RG	Soil-B	Grab	40	BR	BF	0
0683	YD07125	532959.86	6843456.29	44N	2725E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
0684	YD07125	532943.83	6843431.77	44N	2700E	NG/RG	Soil-B	Grab	40	GYBR	BF	0
0685	YD07125	532937.94	6843409.87	44N	2675E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0686	YD18936	532918.42	6843391.97	44N	2650E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0687	YD18936	532895.52	6843373.13	44N	2625E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
0688	YD18936	532883.96	6843354.62	44N	2600E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
0689	YD18936	532869.66	6843333.19	44N	2575E	NG/RG	Soil-B	Grab	40	GYBR	BF	0
0690	YD18936	532857.6	6843311.13	44N	2550E	NG/RG	Soil-B	Grab	30	GYBR	BF	0
0691	YD18936	532842.52	6843291.2	44N	2525E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
0692	YD18936	532824.66	6843277.78	44N	2500E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
0693	YD18936	532789.39	6843235.74	44N	2450E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0694	YD18936	532778.34	6843209.59	44N	2425E	NG/RG	Soil-B	Grab	60	ROBR	BF	15
0695	YD18936	532747.45	6843174.66	44N	2375E	NG/RG	Soil-B	Grab	40	ROBR	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0696	YD18936	532730.77	6843152.54	44N	2350E	NG/RG	Soil-B	Grab	40	BR	BF	5
0697	YD18936	532712.56	6843134.6	44N	2325E	NG/RG	Soil-B	Grab	30	BR	BF	10
0726	YD29165	532169.67	6842924.98	47N	1825E	MM/LF	Soil-B	Grab	30	T	BF	0
0727	YD29165	532153.06	6842900.89	47N	1800E	MM/LF	Soil-B	Grab	20	T	BF	0
0728	YD29165	532131.01	6842887.59	47N	1775E	MM/LF	Soil-B	Grab	20	T	BF	0
0729	YD29165	532121.49	6842874.05	47N	1750E	MM/LF	Soil-B	Grab	30	T	BF	0
0730	YD07126	533121.28	6843973.27	46N	3225E	MM/LF	Soil-B	Grab	20	T	BF	0
0731	YD07126	533096.61	6843949.88	46N	3200E	MM/LF	Soil-B	Grab	30	T	BF	0
0732	YD07126	533085.07	6843930.06	46N	3175E	MM/LF	Soil-B	Grab	40	GYBR	BF	5
0733	YD07126	533068.6	6843911.3	46N	3150E	MM/LF	Soil-B	Grab	30	GYBR	BF	5
0734	YD07126	533052.27	6843891.32	46N	3125E	MM/LF	Soil-B	Grab	30	T	BF	0
0735	YD07125	533034.37	6843868.44	46N	3100E	MM/LF	Soil-B	Grab	40	GYBR	BF	0
0736	YD07125	533020.78	6843849.9	46N	3075E	MM/LF	Soil-B	Grab	30	T	BF	0
0737	YD07125	533011.5	6843828.7	46N	3050E	MM/LF	Soil-B	Grab	30	BR	BF	5
0738	YD07125	532992.45	6843815.41	46N	3025E	MM/LF	Soil-B	Grab	30	BR	BF	0
0739	YD07125	532969.13	6843795.25	46N	3000E	MM/LF	Soil-B	Grab	40	GYBR	BF	5
0740	YD07125	532956.77	6843774.37	46N	2975E	MM/LF	Soil-B	Grab	30	GYBR	BF	5
0741	YD07125	532940.24	6843751.33	46N	2950E	MM/LF	Soil-B	Grab	30	GYBR	BF	5
0742	YD07125	532929.35	6843734.36	46N	2925E	MM/LF	Soil-B	Grab	30	BR	BF	5
0743	YD07125	532910.22	6843713.31	46N	2900E	MM/LF	Soil-B	Grab	20	BR	BF	5
0744	YD07125	532896.94	6843691.81	46N	2875E	MM/LF	Soil-B	Grab	20	GYBR	BF	5
0745	YD07125	532871.13	6843672.64	46N	2850E	MM/LF	Soil-B	Grab	20	BR	BF	0
0746	YD07125	532861.97	6843657.9	46N	2825E	MM/LF	Soil-B	Grab	50	GYBR	BF	5
0747	YD07125	532832.17	6843614.62	46N	2775E	MM/LF	Soil-B	Grab	30	n	BF	30
0748	YD07125	532817.84	6843594.1	46N	2750E	MM/LF	Soil-B	Grab	40	T	BF	20
0749	YD07125	532804.53	6843579.77	46N	2725E	MM/LF	Soil-B	Grab	41	T	BF	10
0750	YD07125	532783.01	6843551.08	46N	2700E	MM/LF	Soil-B	Grab	30	T	BF	10
0751	YD07125	532778.73	6843545.14	46N	2675E	MM/LF	Soil-B	Grab	30	T	BF	5
0752	YD18936	532759.41	6843517.63	46N	2650E	MM/LF	Soil-B	Grab	30	T	BF	5
0753	YD18936	532752.34	6843502.54	46N	2625E	MM/LF	Soil-B	Grab	70	OBR	BF	5
0754	YD18936	532727.56	6843478.58	46N	2600E	MM/LF	Soil-B	Grab	20	ROBR	BF	5
0755	YD18936	532712	6843448.75	46N	2575E	MM/LF	Soil-B	Grab	20	BR	BF	0
0756	YD18936	532693.46	6843438.37	46N	2550E	MM/LF	Soil-B	Grab	20	BR	BF	5
0757	YD18936	532684.61	6843415.06	46N	2525E	MM/LF	Soil-B	Grab	20	OBR	BF	5
0758	YD18936	532669.47	6843395.78	46N	2500E	MM/LF	Soil-B	Grab	20	GYBR	BF	5
0759	YD18936	532653.52	6843381.38	46N	2475E	MM/LF	Soil-B	Grab	20	GYBR	BF	5
0760	YD18936	532632.07	6843356.74	46N	2450E	MM/LF	Soil-B	Grab	20	GYBR	BF	5
0761	YD18936	532615.64	6843343.47	46N	2425E	MM/LF	Soil-B	Grab	20	GYBR	BF	5
0762	YD18936	532600.17	6843326.16	46N	2400E	MM/LF	Soil-B	Grab	40	T	BF	5
0763	YD18936	532588.19	6843301.36	46N	2375E	MM/LF	Soil-B	Grab	20	GYBR	BF	10
0764	YD18936	532571.49	6843283.61	46N	2350E	MM/LF	Soil-B	Grab	20	ROBR	BF	5
0767	YD18936	532698.18	6843121.62	44N	2300E	NG/RG	Soil-B	Grab	30	T	BF	0
0768	YD18936	532666.61	6843070.61	44N	2250E	NG/RG	Soil-B	Grab	25	BR	BF	0
0769	YD18936	532651.63	6843055.31	44N	2225E	NG/RG	Soil-B	Grab	20	T	BF	15
0770	YD18937	532638.27	6843034.1	44N	2200E	NG/RG	Soil-B	Grab	30	BR	BF	5
0771	YD18937	532622.45	6843013.32	44N	2175E	NG/RG	Soil-B	Grab	30	BR	BF	5
0772	YD18937	532605.33	6842995.35	44N	2150E	NG/RG	Soil-B	Grab	30	ROBR	BF	5
0773	YD18937	532586.4	6842975.34	44N	2125E	NG/RG	Soil-B	Grab	30	ROBR	BF	5
0774	YD18937	532575.79	6842957.05	44N	2100E	NG/RG	Soil-B	Grab	30	ROBR	BF	5
0775	YD18937	532563.79	6842937.76	44N	2075E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0776	YD18937	532545.12	6842919.14	44N	2050E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0777	YD18937	532523.58	6842903.54	44N	2025E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0778	YD18937	532510.95	6842881.89	44N	2000E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0779	YD18937	532499.23	6842855.42	44N	1975E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0780	YD18937	532482.94	6842842.92	44N	1950E	NG/RG	Soil-B	Grab	40	BR	BF	5
0781	YD18937	532464.24	6842821.52	44N	1925E	NG/RG	Soil-B	Grab	50	T	BF	10
0782	YD18937	532453.63	6842799.68	44N	1900E	NG/RG	Soil-B	Grab	30	BR	BF	15
0783	YD18937	532437.29	6842781.17	44N	1875E	NG/RG	Soil-B	Grab	30	BR	BF	5
0784	YD18937	532418.75	6842761.5	44N	1850E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
0785	YD18937	532404.89	6842741	44N	1825E	NG/RG	Soil-B	Grab	40	T	BF	0
0786	YD18937	532388.48	6842722.88	44N	1800E	NG/RG	Soil-B	Grab	40	T	BF	0
0787	YD18937	532374.57	6842699.15	44N	1775E	NG/RG	Soil-B	Grab	40	BR	BF	5
0788	YD29186	532361.18	6842680.55	44N	1750E	NG/RG	Soil-B	Grab	40	BR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0789	YD07123	533461	6843114	38N	2750E		Soil-B	Grab	50	GY	BF	0
0790	YD07123	533433	6843079	38N	2725E		Soil-C	Grab	60	GY	BF	0
0792	YD18938	533393	6843022	38N	2675E		Soil-B	Grab	60	GYBR	BF	10
0793	YD18938	533381	6843029	38N	2650E		Soil-C	Grab	60	GY	BF	0
0794	YD18938	533372	6843002	38N	2625E		Soil-C	Grab	60	BR	BF	0
0795	YD18938	533354	6842990	38N	2600E		Soil-B	Grab	60	T	BF	0
0799	YC73858	532627.91	6845865.76	6150N	4425E	AH/NG	Soil-B	Grab	10	GY	AM	15
0800	YD29195	532611.24	6845845.67	6150N	4400E	AH/NG	Soil-B	Grab	30	GYBR	AM	10
0801	YD29195	532596.45	6845824.83	6150N	4375E	AH/NG	Soil-B	Grab	30	ROBR	AM	10
0802	YD29195	532580.99	6845807.1	6150N	4350E	AH/NG	Soil-B	Grab	30	GYBR	AM	10
0803	YD29195	532564.82	6845787.23	6150N	4325E	AH/NG	Soil-B	Grab	20	ROBR	AM	15
0804	YD29195	532550.69	6845766.44	6150N	4300E	AH/NG	Soil-B	Grab	40	ROBR	AM	15
0805	YD29195	532535.09	6845745.26	6150N	4275E	AH/NG	Soil-B	Grab	20	ROBR	AM	15
0806	YD29195	532518	6845728.88	6150N	4250E	AH/NG	Soil-B	Grab	20	ROBR	AM	15
0807	YD29195	532503.65	6845706.93	6150N	4225E	AH/NG	Soil-B	Grab	40	BR	AM	15
0808	YD29195	532486.97	6845685.11	6150N	4200E	AH/NG	Soil-B	Grab	20	BR	AM	10
0809	YD29195	532471.59	6845667.01	6150N	4175E	AH/NG	Soil-B	Grab	20	GYBR	AM	10
0810	YD29195	532455.58	6845647.69	6150N	4150E	AH/NG	Soil-B	Grab	10	GY	B	5
0811	YD29195	532443.77	6845630.62	6150N	4125E	AH/NG	Soil-B	Grab	30	GY	B	10
0812	YD29195	532427.58	6845610.92	6150N	4100E	AH/NG	Soil-B	Grab	10	GY	B	5
0813	YC89530	532504.1	6845543.14	6050N	4100E	AH/NG	Soil-B	Grab	20	ROBR	AM	10
0814	YC89530	532522.15	6845567.99	6050N	4125E	AH/NG	Soil-B	Grab	20	BR	AM	5
0815	YC89530	532534.39	6845586.95	6050N	4150E	AH/NG	Soil-B	Grab	10	GYBR	AM	5
0816	YC89530	532552.05	6845605.61	6050N	4175E	AH/NG	Soil-B	Grab	20	ROBR	AM	5
0817	YC89530	532565.89	6845627.05	6050N	4200E	AH/NG	Soil-B	Grab	40	BR	AM	5
0818	YC89530	532584.02	6845644.43	6050N	4225E	AH/NG	Soil-B	Grab	30	GYBR	AM	5
0819	YC89530	532595.79	6845665.83	6050N	4250E	AH/NG	Soil-B	Grab	30	BR	AM	
0820	YC89530	532612.2	6845684.82	6050N	4275E	AH/NG	Soil-B	Grab	30	BR	AM	10
0821	YC89530	532627.47	6845704.8	6050N	4300E	AH/NG	Soil-B	Grab	30	BR	AM	5
0822	YC89530	532644.99	6845723.88	6050N	4325E	AH/NG	Soil-B	Grab	30	ROBR	AM	5
0823	YC89530	532659.1	6845742.04	6050N	4350E	AH/NG	Soil-B	Grab	30	ROBR	AM	10
0824	YC89530	532670.71	6845764.69	6050N	4375E	AH/NG	Soil-B	Grab	10	ROBR	AM	10
0825	YC89530	532690.73	6845784.06	6050N	4400E	AH/NG	Soil-B	Grab	30	ROBR	AM	5
0826	YC89530	532704.67	6845802.2	6050N	4425E	AH/NG	Soil-B	Grab	30	GY	AM	5
0827	YC73856	532720.87	6845821.08	6050N	4450E	AH/NG	Soil-B	Grab	30	ROBR	AM	5
0828	YC73856	532736.03	6845843.56	6050N	4475E	AH/NG	Soil-B	Grab	20	ROBR	AM	10
0829	YC73856	532751.18	6845859.18	6050N	4500E	AH/NG	Soil-B	Grab	20	ROBR	AM	10
0830	YC73856	532767.69	6845881.6	6050N	4525E	AH/NG	Soil-B	Grab	20	GY	AM	5
0831	YC73856	532847.54	6845817.53	5950	4525	AH/NG	Soil-B	Grab	20	GY	B	5
0832	YC73856	532831.89	6845798.5	5950	4500	AH/NG	Soil-B	Grab	20	ROBR	B	5
0833	YC73856	532812.83	6845781.63	5950	4475	AH/NG	Soil-B	Grab	20	ROBR	B	5
0834	YC73856	532801.4	6845759.02	5950	4450	AH/NG	Soil-B	Grab	30	BR	B	5
0835	YC89530	532783.31	6845741.47	5950	4425	AH/NG	Soil-B	Grab	30	BR	B	5
0836	YC89530	532769.12	6845722.81	5950	4400	AH/NG	Soil-B	Grab	30	BR	B	5
0837	YC89530	532753.55	6845700.63	5950	4375	AH/NG	Soil-B	Grab	20	GY	B	5
0838	YC89530	532739.41	6845679.03	5950	4350	AH/NG	Soil-B	Grab	20	ROBR	B	5
0839	YC89530	532723.22	6845663.14	5950	4325	AH/NG	Soil-B	Grab	20	BR	B	5
0840	YC89530	532707.86	6845644.67	5950	4300	AH/NG	Soil-B	Grab	15	BR	B	5
0841	YC89530	532693.17	6845624.49	5950	4275	AH/NG	Soil-B	Grab	30	BR	B	5
0842	YC89530	532674.63	6845605.3	5950	4250	AH/NG	Soil-B	Grab	5	T	B	5
0843	YC89530	532657.45	6845582.58	5950	4225	AH/NG	Soil-B	Grab	30	BR	B	5
0844	YC89530	532647.44	6845564.74	5950	4200	AH/NG	Soil-B	Grab	30	GY	B	10
0845	YC89530	532629.99	6845543.44	5950	4175	AH/NG	Soil-B	Grab	30	GY	B	5
0846	YC89530	532614.55	6845525.3	5950	4150	AH/NG	Soil-B	Grab	30	ROBR	B	5
0847	YC89530	532595.62	6845503.98	5950	4125	AH/NG	Soil-B	Grab	40	ROBR	B	5
0848	YC89530	532583.09	6845486.2	5950	4100	AH/NG	Soil-B	Grab	20	BR	B	5
0856	YD29166	532327	6843624	50N	2450E	AH/MMC	Soil-B	Grab	70	GY	BF	10
0857	YD29166	532314.52	6843601.42	50N	2425E	AH/MMC	Soil-B	Grab	50	GYBR	BF	10
0858	YD29166	532298.48	6843580.89	50N	2400E	AH/MMC	Soil-B	Grab	50	GYBR	BF	5
0859	YD29166	532284.36	6843563.33	50N	2375E	AH/MMC	Soil-B	Grab	80	T	BF	10
0860	YD29166	532266.35	6843543.59	50N	2350E	AH/MMC	Soil-B	Grab	60	GYBR	BF	10
0861	YD29166	532254.97	6843522.45	50N	2325E	AH/MMC	Soil-B	Grab	70	T	BF	20
0862	YD29166	532239.15	6843502.35	50N	2300E	AH/MMC	Soil-B	Grab	50	OBR	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0863	YD29166	532228.69	6843483.19	50N	2275E	AH/MMC	Soil-B	Grab	60	GYBR	BF	10
0864	YD29166	532211.95	6843465.32	50N	2250E	AH/MMC	Soil-B	Grab	90	GYBR	BF	10
0865	YD29166	532187.67	6843445.45	50N	2225E	AH/MMC	Soil-B	Grab	80	OBR	BF	15
0866	YD29166	532171.16	6843420.71	50N	2200E	AH/MMC	Soil-B	Grab	50	OBR	BF	10
0867	YD29165	532151.04	6843389.88	50N	2175E	AH/MMC	Soil-A	Grab	30	n	BF	50
0868	YD29165	532134.2	6843366.94	50N	2150E	AH/MMC	Soil-B	Grab	30	GYBR	BF	15
0869	YD29165	532120.73	6843346.81	50N	2125E	AH/MMC	Soil-B	Grab	20	T	BF	0
0870	YD29165	532103.38	6843328.07	50N	2100E	AH/MMC	Soil-B	Grab	40	T	BF	0
0871	YD29165	532090.97	6843306.61	50N	2075E	AH/MMC	Soil-B	Grab	40	OBR	BF	0
0872	YD29165	532066.67	6843291.54	50N	2050E	AH/MMC	Soil-A	Grab	90	n	BF	50
0873	YD29165	532062.95	6843269.44	50N	2025E	AH/MMC	Soil-B	Grab	50	ROBR	BF	10
0874	YD29165	532035.73	6843245.94	50N	2000E	AH/MMC	Soil-B	Grab	40	ROBR	BF	20
0875	YD29165	532019.59	6843231.45	50N	1975E	AH/MMC	Soil-A	Grab	70	n	BF	25
0876	YD29165	532009.93	6843212.63	50N	1950E	AH/MMC	Soil-B	Grab	30	ROBR	BF	10
0877	YD29165	531990.76	6843192.87	50N	1925E	AH/MMC	Soil-B	Grab	70	RBR	BF	20
0878	YD29165	531974.87	6843160.37	50N	1900E	AH/MMC	Soil-A	Grab	50	n	BF	50
0879	YD29165	531963.37	6843143.35	50N	1875E	AH/MMC	Soil-B	Grab	30	GYBR	BF	15
0880	YD29165	531949.59	6843136.1	50N	1850E	AH/MMC	Soil-B	Grab	70	GYBR	BF	20
0881	YD29165	531931.82	6843108.48	50N	1825E	AH/MMC	Soil-B	Grab	30	T	BF	5
0882	YD29165	531915.93	6843086.54	50N	1800E	AH/MMC	Soil-B	Grab	30	OBR	BF	10
0883	YD29165	531909.37	6843072.8	50N	1775E	AH/MMC	Soil-B	Grab	30	T	BF	10
0884	YD29165	531889.89	6843054.34	50N	1750E	AH/MMC	Soil-B	Grab	30	T	BF	5
0894	YD18937	532548.5	6842599.43	42N	1825E	MM/RG	Soil-B	Grab	40	OBR	BF	0
0895	YD18937	532535.06	6842580.05	42N	1800E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
0896	YD29186	532506.21	6842554.78	42N	1775E	MM/RG	Soil-B	Grab	70	OBR	BF	15
0897	YD07128	532868.07	6844153.71	49N	E3225	MMC/NG	Soil-B	Grab	30	GRY	BF	5
0898	YD07128	533016.58	6844009.22	47N	3200E	MM/LF	Soil-B	Grab	30	GYBR	BF	20
0899	YD07128	533002.08	6843983.29	47N	3175E	MM/LF	Soil-B	Grab	20	GYBR	BF	10
0900	YD07128	532984.25	6843967.26	47N	3150E	MM/LF	Soil-B	Grab	30	GYBR	BF	10
0901	YD07128	532969.42	6843952.02	47N	3125E	MM/LF	Soil-B	Grab	40	GYBR	BF	20
0902	YD07127	532955.31	6843924.39	47N	3100E	MM/LF	Soil-B	Grab	30	GYBR	BF	10
0903	YD07127	532943.28	6843907.75	47N	3075E	MM/LF	Soil-B	Grab	40	OBR	BF	10
0904	YD07127	532922.45	6843884.88	47N	3050E	MM/LF	Soil-B	Grab	20	GYBR	BF	10
0905	YD07127	532908.19	6843865.38	47N	3025E	MM/LF	Soil-B	Grab	40	OBR	BF	0
0907	YD07127	532882.11	6843832.46	47N	2975E	MM/LF	Soil-B	Grab	30	OBR	BF	0
0908	YD07127	532858.71	6843806.81	47N	2950E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0909	YD07127	532844.36	6843783.3	47N	2925E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0910	YD07127	532819.63	6843776.02	47N	2900E	MM/LF	Soil-B	Grab	30	GYBR	BF	10
0911	YD07127	532819.2	6843748.59	47N	2875E	MM/LF	Soil-B	Grab	50	BR	BF	10
0912	YD07127	532795.22	6843731.67	47N	2850E	MM/LF	Soil-B	Grab	50	BR	BF	10
0913	YD07127	532774.98	6843716.55	47N	2825E	MM/LF	Soil-B	Grab	50	BR	BF	10
0914	YD07127	532771.54	6843696.17	47N	2800E	MM/LF	Soil-B	Grab	30	BR	BF	0
0915	YD07127	532747.16	6843677.39	47N	2775E	MM/LF	Soil-B	Grab	30	BR	BF	0
0916	YD07127	532735.21	6843654.86	47N	2750E	MM/LF	Soil-B	Grab	30	BR	BF	10
0917	YD07127	532725.21	6843630.54	47N	2725E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0918	YD07127	532705.84	6843612.92	47N	2700E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0919	YD07127	532685.35	6843596.41	47N	2675E	MM/LF	Soil-B	Grab	30	OBR	BF	0
0920	YD29166	532675.07	6843571.43	47N	2650E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0921	YD29166	532664.27	6843553.9	47N	2625E	MM/LF	Soil-B	Grab	30	OBR	BF	5
0922	YD29166	532646.46	6843528.14	47N	2600E	MM/LF	Soil-B	Grab	30	OBR	BF	0
0923	YD29166	532634.26	6843510.88	47N	2575E	MM/LF	Soil-B	Grab	30	OBR	BF	0
0924	YD29166	532614.94	6843490.91	47N	2550E	MM/LF	Soil-B	Grab	30	OBR	BF	10
0925	YD29166	532596.49	6843478.76	47N	2525E	MM/LF	Soil-B	Grab	20	OBR	BF	10
0926	YD29166	532579.11	6843459.55	47N	2500E	MM/LF	Soil-B	Grab	30	T	BF	0
0927	YD29166	532567.65	6843441.76	47N	2475E	MM/LF	Soil-B	Grab	30	T	BF	10
0928	YD29166	532558.82	6843414.99	47N	2450E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0929	YD29166	532532.71	6843407.41	47N	2425E	MM/LF	Soil-B	Grab	20	BR	BF	0
0930	YD29166	532518.92	6843383.86	47N	2400E	MM/LF	Soil-B	Grab	20	BR	BF	0
0931	YD29166	532504.47	6843354.87	47N	2375E	MM/LF	Soil-B	Grab	20	BR	BF	0
0932	YD29166	532489.82	6843340.46	47N	2350E	MM/LF	Soil-B	Grab	30	T	BF	0
0933	YD29166	532472.06	6843317.09	47N	2325E	MM/LF	Soil-B	Grab	20	T	BF	0
0934	YD29166	532464	6843293.75	47N	2300E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0935	YD29166	532445.33	6843281.29	47N	2275E	MM/LF	Soil-B	Grab	40	OBR	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
0936	YD29166	532423.95	6843256.46	47N	2250E	MM/LF	Soil-B	Grab	40	OBR	BF	0
0937	YD29166	532414.25	6843246.14	47N	2225E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0938	YD29166	532395.39	6843224.69	47N	2200E	MM/LF	Soil-B	Grab	30	T	BF	10
0939	YD29165	532393.35	6843195.55	47N	2175E	MM/LF	Soil-B	Grab	20	T	BF	10
0940	YD29165	532367.46	6843182.44	47N	2150E	MM/LF	Soil-B	Grab	20	T	BF	5
0941	YD29165	532340.61	6843165.12	47N	2125E	MM/LF	Soil-B	Grab	20	T	BF	0
0942	YD29165	532335.18	6843141.77	47N	2100E	MM/LF	Soil-B	Grab	20	T	BF	0
0943	YD29165	532318.9	6843123.17	47N	2075E	MM/LF	Soil-B	Grab	30	T	BF	20
0944	YD29165	532304.89	6843101.99	47N	2050E	MM/LF	Soil-B	Grab	30	T	BF	20
0945	YD29165	532292.5	6843086.25	47N	2025E	MM/LF	Soil-B	Grab	30	T	BF	20
0946	YD29165	532272.82	6843050.13	47N	1975E	MM/LF	Soil-B	Grab	20	OBR	BF	0
0947	YD29165	532253.54	6843026.36	47N	1950E	MM/LF	Soil-B	Grab	30	T	BF	0
0948	YD29165	532210.76	6842986.28	47N	1900E	MM/LF	Soil-B	Grab	30	T	BF	0
0949	YD29165	532185.93	6842967.03	47N	1875E	MM/LF	Soil-B	Grab	20	T	BF	0
0950	YD29165	532179.94	6842944.76	47N	1850E	MM/LF	Soil-B	Grab	20	T	BF	0
0974	YC73858	532681.31	6846116.19	6250N	4650E	AH/NG	Soil-B	Grab	20	LBR	AM	0
0975	YC73858	532670.07	6846086.75	6250N	4625E	AH/NG	Soil-B	Grab	20	LBR	B	0
0976	YC73858	532653.38	6846066.44	6250N	4600E	AH/NG	Soil-B	Grab	30	LBR	AM	0
0977	YC73858	532635.58	6846047.26	6250N	4575E	AH/NG	Soil-B	Grab	30	GYBR	AM	0
0978	YC73858	532625.3	6846024.08	6250N	4550E	AH/NG	Soil-B	Grab	30	BR	B	5
0979	YC73858	532601.9	6846005.37	6250N	4525E	AH/NG	Soil-B	Grab	30	BR	AM	5
0980	YC73858	532594.47	6845985.98	6250N	4500E	AH/NG	Soil-B	Grab	30	BR	AM	5
0981	YC73858	532573.24	6845971.02	6250N	4475E	AH/NG	Soil-B	Grab	30	GYBR	AM	0
0982	YC73858	532562.63	6845947.18	6250N	4450E	AH/NG	Soil-B	Grab	25	BR	AM	0
0983	YC73858	532545.82	6845925.69	6250N	4425E	AH/NG	Soil-B	Grab	30	BR	AM	5
0984	YD29195	532529.47	6845906.89	6250N	4400E	AH/NG	Soil-B	Grab	20	LBR	AM	0
0985	YD29195	532529.99	6845909.52	6250N	4400E	AH/NG	Soil-B	Grab	20	LBR	AM	0
0986	YD29195	532518	6845886.19	6250N	4375E	AH/NG	Soil-B	Grab	10	BR	AM	5
0987	YD29195	532504.46	6845865.99	6250N	4350E	AH/NG	Soil-B	Grab	30	BR	AM	10
0988	YD29195	532487.62	6845844.39	6250N	4325E	AH/NG	Soil-B	Grab	30	BR	AM	10
0989	YD29195	532471.4	6845830.7	6250N	4300E	AH/NG	Soil-B	Grab	20	BR	AM	5
0990	YD29195	532456.02	6845808.69	6250N	4275E	AH/NG	Soil-B	Grab	15	GYBR	AM	5
0991	YD29195	532442.99	6845790.8	6250N	4250E	AH/NG	Soil-B	Grab	20	LBR	AM	5
0992	YD29195	532429.44	6845769.5	6250N	4225E	AH/NG	Soil-B	Grab	20	BR	AM	5
0993	YD29195	532412.94	6845754.65	6250N	4200E	AH/NG	Soil-B	Grab	20	LBR	AM	5
0994	YD29195	532392.75	6845731.93	6250N	4175E	AH/NG	Soil-B	Grab	20	BR	AM	5
0995	YD29195	532378.01	6845709.76	6250N	4150E	AH/NG	Soil-B	Grab	30	LBR	AM	5
0996	YD29195	532363.35	6845691.63	6250N	4125E	AH/NG	Soil-B	Grab	30	LBR	B	5
0997	YD29195	532352.48	6845672.45	6250N	4100E	AH/NG	Soil-B	Grab	30	GY	B	5
0998	YC73858	532834.68	6846140.66	6150N	4750E	AH/NG	Soil-TF	Grab	20	GY	AM	10
0999	YC73858	532828.41	6846116.59	6150N	4775E	AH/NG	Soil-B	Grab	20	BR	AM	25
1000	YC73858	532811.07	6846099.69	6150N	4725E	AH/NG	Soil-B	Grab	20	BR	AM	25
1001	YC73851	534064.5	6847060.93	5750	6250	AH/NG	Soil-B	Grab	20	BR	AM	5
1002	YC73851	534048.95	6847037	5750	6225	AH/NG	Soil-B	Grab	20	BR	AM	5
1003	YC73851	534033.76	6847015.88	5750	6200	AH/NG	Soil-B	Grab	20	BR	AM	5
1004	YC73851	534018.64	6846997.04	5750	6175	AH/NG	Soil-B	Grab	20	GYBR	AM	5
1005	YC73851	534001.14	6846976.57	5750	6150	AH/NG	Soil-B	Grab	20	GYBR	AM	0
1006	YC73851	533988.09	6846958.25	5750	6125	AH/NG	Soil-B	Grab	20	BR	AM	0
1007	YC73851	533970.17	6846936.34	5750	6100	AH/NG	Soil-B	Grab	20	GYBR	AM	0
1008	YC73851	533955	6846920	5750	6075	AH/NG	Soil-B	Grab	40	BR	AM	0
1009	YC73851	533940.8	6846905.99	5750	6050	AH/NG	Soil-B	Grab	20	BR	AM	5
1010	YC73851	533923.7	6846880.9	5750	6025	AH/NG	Soil-B	Grab	20	BR	AM	5
1011	YC73851	533908.06	6846861.45	5750	6000	AH/NG	Soil-B	Grab	30	GYBR	AM	0
1012	YC73851	533893.48	6846841.71	5750	5975	AH/NG	Soil-B	Grab	20	BR	AM	0
1013	YC73851	533879.29	6846819.44	5750	5950	AH/NG	Soil-B	Grab	20	GYBR	AM	0
1014	YC73851	533864.66	6846800.65	5750	5925	AH/NG	Soil-B	Grab	20	GYBR	AM	0
1015	YC73851	533848.03	6846782.41	5750	5900	AH/NG	Soil-B	Grab	20	BR	AM	5
1016	YC73851	533831.64	6846761.61	5750	5875	AH/NG	Soil-TF	Grab	0	GY	TA	0
1017	YC73851	533818.4	6846742.26	5750	5850	AH/NG	Soil-TF	Grab	0	GY	TA	0
1018	YC73850	533802.56	6846728.72	5750	5825	AH/NG	Soil-TF	Grab	0	GY	TA	0
1019	YC73850	533802	6846729	5750	5800	AH/NG	Soil-TF	Grab	0	GY	TA	0
1020	YC73850	533771.6	6846687.41	5750	5775	AH/NG	Soil-TF	Grab	20	GY	TA	0
1021	YC73850	533756.85	6846661.72	5750	5750	AH/NG	Soil-TF	Grab	20	GY	TA	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1022	YC73850	533741.57	6846644.88	5750	5725	AH/NG	Soil-TF	Grab	20	GY	TA	0
1023	YC73850	533725.33	6846624.19	5750	5700	AH/NG	Soil-TF	Grab	0	GY	TA	0
1024	YC73850	533682.24	6846567.14	5750	5625	AH/NG	Soil-B	Grab	20	BR	AM	10
1025	YC73850	533663.6	6846545.08	5750	5600	AH/NG	Soil-TF	Grab	20	GY	TA	0
1026	YC73850	533647.12	6846526.48	5750	5575	AH/NG	Soil-B	Grab	20	BR	AM	0
1027	YC73850	533631.38	6846506.02	5750	5550	AH/NG	Soil-B	Grab	20	BR	AM	5
1028	YC73850	533617.93	6846482.3	5750	5525	AH/NG	Soil-B	Grab	20	BR	AM	10
1029	YC73850	533601.88	6846465.82	5750	5500	AH/NG	Soil-B	Grab	20	BR	AM	10
1030	YC73850	533587.34	6846445.34	5750	5475	AH/NG	Soil-TF	Grab	20	GY	TA	0
1031	YC73850	533573.43	6846427.36	5750	5450	AH/NG	Soil-B	Grab	20	BR	AM	5
1032	YC73850	533558.15	6846407.06	5750	5425	AH/NG	Soil-B	Grab	30	GYBR	AM	5
1033	YC73850	533540.48	6846384.96	5750	5400	AH/NG	Soil-B	Grab	20	GY	AM	5
1034	YC73850	533525.91	6846372.3	5750	5375	AH/NG	Soil-B	Grab	30	GYBR	AM	0
1035	YC73857	533510.76	6846352.55	5750	5350	AH/NG	Soil-B	Grab	20	GY	AM	5
1036	YC73857	533495.11	6846325.5	5750	5325	AH/JI	Soil-TF	Grab	10	GY	TA	0
1037	YC73857	533480.21	6846309.03	5750	5300	AH/JI	Soil-B	Grab	20	GY	AM	0
1038	YC73857	533465.83	6846288.13	5750	5275	AH/JI	Soil-B	Grab	20	GY	AM	0
1039	YC73857	533451.13	6846269.69	5750	5250	AH/JI	Soil-B	Grab	20	GY	AM	0
1040	YC73857	533435.77	6846251.41	5750	5225	AH/JI	Soil-B	Grab	20	GY	AM	0
1041	YC73857	533418.19	6846232.76	5750	5200	AH/JI	Soil-TF	Grab	10	GY	TA	0
1042	YC73857	533405.71	6846213.97	5750	5175	AH/JI	Soil-TF	Grab	10	GY	TA	0
1043	YC73857	533389.33	6846189.88	5750	5150	AH/JI	Soil-TF	Grab	10	GY	TA	0
1044	YC73857	533371.82	6846173.4	5750	5125	AH/JI	Soil-TF	Grab	10	GY	TA	0
1045	YC73857	533357.54	6846154.56	5750	5100	AH/JI	Soil-TF	Grab	10	GY	TA	0
1046	YC73857	533333.5	6846142.71	5750	5075	AH/JI	Soil-TF	Grab	10	GY	TA	0
1047	YC73857	533316.61	6846113.39	5750	5050	AH/JI	Soil-TF	Grab	10	GY	TA	0
1048	YC73857	533311.72	6846096.04	5750	5000	AH/JI	Soil-TF	Grab	10	GY	TA	0
1049	YC73856	532925.12	6845758.59	5850	4525	AH/JI	Soil-TF	Grab	10	GY	TA	0
1050	YC73856	532906.68	6845742.38	5850	4500	AH/JI	Soil-B	Grab	20	BR	TA	10
1051	YC89530	532845.68	6845661.04	5850	4400	AH/JI	Soil-B	Grab	20	GY	B	0
1052	YC89530	532830.25	6845645.39	5850	4375	AH/JI	Soil-B	Grab	40	GY	B	0
1053	YC89530	532808.89	6845618	5850	4350	AH/JI	Soil-B	Grab	40	GY	B	0
1054	YC89530	532799.71	6845601.4	5850	4325	AH/JI	Soil-B	Grab	40	GY	B	0
1055	YC89530	532784.27	6845582.75	5850	4300	AH/JI	Soil-B	Grab	20	BR	B	5
1056	YC89530	532773.21	6845566.15	5850	4275	AH/JI	Soil-B	Grab	40	GY	B	5
1057	YC89530	532755.54	6845543.32	5850	4250	AH/JI	Soil-B	Grab	40	BR	B	5
1058	YC89530	532734.93	6845523.58	5850	4225	AH/JI	Soil-B	Grab	30	BR	B	5
1059	YC89530	532723.6	6845510.17	5850	4200	AH/JI	Soil-B	Grab	40	BR	B	5
1060	YC89530	532708.17	6845488.01	5850	4175	AH/JI	Soil-B	Grab	30	BR	B	5
1061	YC89530	532690.11	6845472.98	5850	4150	AH/JI	Soil-B	Grab	30	BR	AM	5
1062	YC89530	532670.41	6845452.85	5850	4125	AH/JI	Soil-B	Grab	30	BR	B	5
1063	YC89530	532655.69	6845431.93	5850	4100	AH/JI	Soil-B	Grab	30	BR	B	0
1066	YC73851	534028.57	6847088.62	58	6250	AH/JI	Soil-B	Grab	20	BR	AM	5
1067	YC73851	534015.42	6847071.38	58	6225	AH/JI	Soil-B	Grab	20	GY	AM	5
1068	YC73851	533998.44	6847056.22	58	6200	AH/JI	Soil-B	Grab	40	BR	AM	5
1069	YC73851	533982.13	6847030.04	58	6175	AH/JI	Soil-B	Grab	30	GYBR	AM	0
1070	YC73851	533966.31	6847014.51	58	6150	AH/JI	Soil-B	Grab	20	GYBR	AM	5
1071	YC73851	533951.04	6846993.13	58	6125	AH/JI	Soil-B	Grab	20	GY	AM	5
1072	YC73851	533934.5	6846973.47	58	6100	AH/JI	Soil-B	Grab	20	BR	AM	0
1073	YC73851	533917.98	6846952.3	58	6075	AH/JI	Soil-B	Grab	30	GYBR	AM	5
1074	YC73851	533904.94	6846934.22	58	6050	AH/JI	Soil-B	Grab	30	BR	AM	0
1075	YC73851	533886.47	6846912.45	58	6025	AH/JI	Soil-B	Grab	20	GY	AM	0
1076	YC73851	533873.47	6846899.58	58	6000	AH/JI	Soil-TF	Grab	10	GY	TA	0
1077	YC73851	533856.67	6846876.53	58	5975	AH/JI	Soil-B	Grab	30	GY	AM	5
1078	YC73851	533842.66	6846853.41	58	5950	AH/JI	Soil-B	Grab	30	BR	AM	5
1079	YC73851	533827.39	6846834.61	58	5925	AH/JI	Soil-B	Grab	20	BR	AM	5
1080	YC73851	533813.95	6846807.38	58	5900	AH/JI	Soil-B	Grab	15	BR	AM	10
1081	YC73851	533794.07	6846795.99	58	5875	AH/JI	Soil-B	Grab	30	BR	AM	5
1082	YC73851	533777.7	6846776.25	58	5850	AH/JI	Soil-B	Grab	30	BR	AM	10
1083	YC73850	533765.65	6846755.51	58	5825	AH/JI	Soil-B	Grab	30	BR	AM	10
1084	YC73850	533750.37	6846736.59	58	5800	AH/JI	Soil-B	Grab	50	GYBR	AM	0
1085	YC73850	533736.41	6846714.77	58	5775	AH/JI	Soil-B	Grab	20	GY	AM	0
1086	YC73850	533719.46	6846693.6	58	5750	AH/JI	Soil-B	Grab	20	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1087	YC73850	533642.61	6846597.29	58	5625	AH/JI	Soil-B	Grab	30	TA	AM	0
1088	YC73850	533626.08	6846576.98	58	5600	AH/JI	Soil-B	Grab	30	BR	AM	5
1089	YC73850	533607.44	6846556.04	58	5575	AH/JI	Soil-TF	Grab	10	GY	TA	10
1090	YC73850	533596.47	6846536.78	58	5550	AH/JI	Soil-TF	Grab	20	GY	TA	0
1091	YC73850	533581.87	6846516.36	58	5525	AH/JI	Soil-TF	Grab	20	GY	TA	0
1092	YC73850	533566.66	6846501.01	58	5500	AH/JI	Soil-B	Grab	30	GYBR	AM	0
1093	YC73850	533549.63	6846474.91	58	5475	AH/JI	Soil-B	Grab	40	GYBR	AM	5
1094	YC73850	533534	6846458.16	58	5450	AH/JI	Soil-B	Grab	40	ROBR	AM	5
1095	YC73850	533517.03	6846436.88	58	5425	AH/JI	Soil-B	Grab	30	GY	AM	0
1096	YC73850	533506.67	6846418.97	58	5400	AH/JI	Soil-B	Grab	40	ROBR	AM	0
1097	YC73850	533490.44	6846397.79	58	5375	AH/JI	Soil-B	Grab	30	BR	AM	5
1098	YC73857	533470.58	6846379.91	58	5350	AH/JI	Soil-B	Grab	30	GY	AM	0
1099	YC73857	533453.89	6846359.83	58	5325	AH/JI	Soil-B	Grab	20	BR	AM	10
1100	YC73857	533442.77	6846340.33	58	5300	AH/JI	Soil-B	Grab	30	GYBR	AM	5
1101	YC72731	533902.32	6844898.71	4550	4450	NG/AH	Soil-B	Grab	30	ROBR	B	5
1102	YC72731	533902.32	6844898.71	4550	4450	NG/AH	Soil-B	Grab	30	ROBR	B	5
1103	YC72731	533888.61	6844879.1	4550	4425	NG/AH	Soil-B	Grab	30	ROBR	B	5
1104	YC72731	533871.16	6844857.51	4550	4400	NG/AH	Soil-B	Grab	30	ROBR	B	5
1105	YC72731	533794.9	6844920.99	4650	4400	NG/AH	Soil-B	Grab	30	ROBR	B	5
1106	YC72731	533808.31	6844940.85	4650	4425	NG/AH	Soil-B	Grab	30	ROBR	B	5
1107	YC72731	533821.48	6844961.36	4650	4450	NG/AH	Soil-B	Grab	40	ROBR	B	15
1108	YC72731	533837.49	6844979.15	4650	4475	NG/AH	Soil-B	Grab	30	ROBR	B	10
1109	YC72443	533854.44	6844999.96	4650	4500	NG/AH	Soil-TF	Grab	20	GYBR	B	10
1110	YC72443	533870.45	6845017.88	4650	4525	NG/AH	Soil-B	Grab	40	ROBR	B	5
1111	YC72443	533885.85	6845036	4650	4550	NG/AH	Soil-TF	Grab	10	GY	B	0
1112	YC72443	533901.48	6845059.5	4650	4575	NG/AH	Soil-B	Grab	30	ROBR	B	10
1113	YC72443	533913.74	6845079.64	4650	4600	NG/AH	Soil-B	Grab	25	ROBR	B	5
1114	YC72443	533929.62	6845099.12	4650	4625	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1115	YC72443	533947.29	6845118.7	4650	4650	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1116	YC72443	533960.32	6845138.74	4650	4675	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1117	YC72443	533977.86	6845157.95	4650	4700	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1118	YC72443	533990.76	6845174.27	4650	4725	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1119	YC72443	534007.28	6845196.16	4650	4750	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1120	YC72443	534025.01	6845217.8	4650	4775	AH/JW	Soil-B	Grab	30	GY	AM	5
1121	YC72443	534039.9	6845236.79	4650	4800	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1122	YC72443	534054.71	6845255.87	4650	4825	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1123	YC72443	534071.93	6845271.43	4650	4850	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1124	YC72443	534084.35	6845295.17	4650	4875	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1125	YC72443	534101.25	6845314.55	4650	4900	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1126	YC72443	534115.26	6845335.78	4650	4925	AH/JW	Soil-B	Grab	30	GY	AM	5
1127	YC72443	534131.68	6845355.31	4650	4950	AH/JW	Soil-B	Grab	30	GY	AM	5
1128	YC72444	534144.81	6845373.93	4650	4975	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1129	YC72444	534162.03	6845394.28	4650	5000	AH/JW	Soil-B	Grab	40	GYBR	AM	5
1130	YC72444	534177.61	6845414.44	4650	5025	AH/JW	Soil-B	Grab	30	GY	AM	5
1131	YC72444	534192.23	6845433.95	4650	5050	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1132	YC72444	534208.19	6845452.74	4650	5075	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1133	YC72444	534222.75	6845471.51	4650	5100	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1134	YC72457	534932.42	6846381.91	4650	6250	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1135	YC72457	534915.98	6846361.68	4650	6225	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1136	YC72457	534899.9	6846339.35	4650	6200	AH/JW	Soil-B	Grab	30	ROBR	AM	10
1137	YC72457	534885.01	6846322.2	4650	6175	AH/JW	Soil-B	Grab	30	BR	AM	10
1138	YC72457	534873.2	6846299.57	4650	6150	AH/JW	Soil-B	Grab	30	ROBR	AM	10
1139	YC72457	534854.87	6846283.9	4650	6125	AH/JW	Soil-B	Grab	30	ROBR	AM	10
1140	YC72457	534838.34	6846264.01	4650	6100	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1141	YC72457	534822.05	6846242.05	4650	6075	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1142	YC72457	534807.9	6846221.83	4650	6050	AH/JW	Soil-B	Grab	50	BR	AM	5
1143	YC72457	534788.76	6846202.25	4650	6025	AH/JW	Soil-B	Grab	30	GY	AM	5
1144	YC72457	534774.29	6846181.49	4650	6000	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1145	YC72457	534763.51	6846162.85	4650	5975	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1146	YC72457	534747.4	6846141.31	4650	5950	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1147	YC72457	534732.21	6846124.78	4650	5925	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1148	YC72457	534715.05	6846102.72	4650	5900	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1149	YC72456	534702.28	6846085.6	4650	5875	AH/JW	Soil-B	Grab	30	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1150	YC72456	534683.57	6846063.3	4650	5850	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1151	YC72456	534670.03	6846043.4	4650	5825	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1152	YC72456	534651.78	6846025.43	4650	5800	AH/JW	Soil-B	Grab	40	GYBR	AM	5
1153	YC72456	534640.19	6846004.09	4650	5775	AH/JW	Soil-B	Grab	30	ROBR	AM	10
1154	YC72456	534623.09	6845985.68	4650	5750	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1155	YC72456	534604.18	6845966.07	4650	5725	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1156	YC72456	534592.85	6845945.24	4650	5700	AH/JW	Soil-B	Grab	30	GY	AM	5
1157	YC72456	534575.82	6845926.45	4650	5675	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1158	YC72456	534561.19	6845903.7	4650	5650	AH/JW	Soil-B	Grab	30	ROBR	AM	5
1159	YC72456	534540.22	6845886.81	4650	5625	AH/JW	Soil-B	Grab	30	GY	AM	5
1160	YC72456	534529.53	6845869.35	4650	5600	AH/JW	Soil-B	Grab	30	BR	AM	5
1161	YC72456	534482.59	6845809.18	4650	5525	AH/JW	Soil-B	Grab	30	GYBR	AM	5
1162	YC72456	534470.16	6845790.91	4650	5500	AH/JW	Soil-B	Grab	30	GY	AM	5
1163	YC72456	534430.04	6845729.72	4650	5425	AH/JW	Soil-TF	Grab	10	GY	AM	5
1164	YC72457	534974.79	6846353.15	4600	6250	NG/JW	Soil-B	Grab	40	ROBR	B	5
1165	YC72457	534956.38	6846330.19	4600	6225	NG/JW	Soil-B	Grab	35	ROBR	B	5
1166	YC72457	534940.03	6846309.68	4600	6200	NG/JW	Soil-B	Grab	35	ROBR	B	5
1167	YC72457	534927.64	6846292.45	4600	6175	NG/JW	Soil-B	Grab	40	ROBR	B	5
1168	YC72457	534913.65	6846271.33	4600	6150	NG/JW	Soil-B	Grab	35	ROBR	B	5
1169	YC72457	534896.55	6846253.06	4600	6125	NG/JW	Soil-B	Grab	40	ROBR	B	5
1170	YC72457	534883.22	6846233.86	4600	6100	NG/JW	Soil-B	Grab	40	ROBR	B	5
1206	YC72457	535128.8	6846227.89	4400	6250	NG/JW	Soil-B	Grab	21	ROBR	B	5
1207	YC73848	533934.37	6846395.24	5450	5650	JW/TM	Soil-B	Grab	30	ROBR		5
1208	YC73848	533918.07	6846379	5450	5625	JW/TM	Soil-B	Grab	30	ROBR		5
1209	YC73848	533901.61	6846359.54	5450	5600	JW/TM	Soil-B	Grab	30	GYBR		5
1210	YC73848	533886.37	6846339.31	5450	5575	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1211	YC73848	533871.47	6846320.45	5450	5550	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1212	YC73848	533857.05	6846298.84	5450	5525	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1213	YC73848	533841.64	6846278.83	5450	5500	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1214	YC73848	533822.42	6846258.65	5450	5475	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1215	YC73848	533807.54	6846241.63	5450	5450	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1216	YC73848	533794.54	6846221.48	5450	5425	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1217	YC73848	533779.38	6846202.14	5450	5400	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1218	YC72448	533764.5	6846180.6	5450	5375	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1219	YC72448	533749.82	6846163.45	5450	5350	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1220	YC72448	533733.93	6846143.5	5450	5325	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1221	YC72448	533715.67	6846122.62	5450	5300	JW/TM	Soil-B	Grab	20	ROBR	AM	5
1222	YC72448	533702.08	6846101.61	5450	5275	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1223	YC72448	533685.22	6846081.47	5450	5250	JW/TM	Soil-B	Grab	50	GYBR	AM	5
1224	YC72448	533669.71	6846063.62	5450	5225	JW/TM	Soil-B	Grab	50	GYBR	AM	5
1225	YC72448	533655.39	6846044.12	5450	5200	JW/TM	Soil-TF	Grab	30	Gy	AM	5
1226	YC72448	533639.78	6846022.57	5450	5175	JW/TM	Soil-TF	Grab	50	Gy	AM	5
1227	YC72448	533680.89	6845997.66	5400	5175	JW/TM	Soil-TF	Grab	40	Gy	AM	5
1228	YC72448	533696.88	6846016.58	5400	5200	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1229	YC72448	533712.68	6846032.27	5400	5225	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1230	YC72448	533727.14	6846055.56	5400	5250	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1231	YC72448	533741.89	6846074.9	5400	5275	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1232	YC72448	533758.39	6846094.1	5400	5300	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1233	YC72448	533774.55	6846113.85	5400	5325	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1234	YC72448	533788.51	6846131.33	5400	5350	JW/TM	Soil-B	Grab	40	GYBR	AM	5
1235	YC72448	533803.88	6846153.29	5400	5375	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1236	YC73848	533820.27	6846173.29	5400	5400	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1237	YC73848	533835.98	6846193.03	5400	5425	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1238	YC73848	533850.38	6846212.17	5400	5450	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1239	YC73848	533865.48	6846235.12	5400	5475	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1240	YC73848	533881.65	6846251.38	5400	5500	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1241	YC73848	533897.13	6846271.54	5400	5525	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1242	YC73848	533911.19	6846294.93	5400	5550	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1243	YC73848	533928.7	6846311.9	5400	5575	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1244	YC73848	533941.19	6846331.95	5400	5600	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1245	YC73848	533963.7	6846348.31	5400	5625	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1246	YC73848	533973.51	6846371.31	5400	5650	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1247	YC73848	534011.66	6846337.17	5350	5650	JW/TM	Soil-B	Grab	30	ROBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1248	YC73848	533995.91	6846319.86	5350	5625	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1249	YC73848	533980.03	6846298.69	5350	5600	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1250	YC73848	533963.7	6846277.37	5350	5575	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1251	YC73848	533949	6846260.09	5350	5550	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1252	YC73848	533935.84	6846238.96	5350	5525	JW/TM	Soil-B	Grab	40	ROBR	AM	5
1253	YC73848	533917.44	6846218.03	5350	5500	JW/TM	Soil-B	Grab	50	ROBR	AM	5
1254	YC73848	533903.16	6846199.87	5350	5475	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1255	YC73848	533887.36	6846182.36	5350	5450	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1256	YC73848	533871.76	6846158.88	5350	5425	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1257	YC73848	533856.49	6846139.27	5350	5400	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1258	YC72448	533842.51	6846119.35	5350	5375	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1259	YC72448	533826.66	6846100.37	5350	5350	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1260	YC72448	533810.5	6846079.32	5350	5325	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1261	YC72448	533796.3	6846060.62	5350	5300	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1262	YC72448	533780.52	6846041.93	5350	5275	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1263	YC72448	533764.93	6846024.23	5350	5250	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1264	YC72448	533750.44	6846002.94	5350	5225	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1265	YC72448	533735.97	6845982.21	5350	5200	JW/TM	Soil-TF	Grab	30	Gy	AM	5
1266	YC72448	533735.97	6845982.21	5350	5200	JW/TM	Soil-TF	Grab	30	Gy	AM	5
1267	YC72448	533718.41	6845962.38	5350	5175	JW/TM	Soil-TF	Grab	30	Gy	AM	5
1268	YC72445	533547	6845338.26	5100N	4575E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1269	YC72445	533532.07	6845319.75	5100N	4550E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1270	YC72445	533517.85	6845299.43	5100N	4525E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1271	YC72445	533503	6845279.75	5100N	4500E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1272	YC72445	533489.19	6845259.91	5100N	4475E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1273	YC72733	533471.19	6845240.07	5100N	4450E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1274	YC72733	533455.82	6845220.59	5100N	4425E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1275	YC72733	533440.53	6845199.35	5100N	4400E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1276	YC72733	533422.57	6845179.2	5100N	4375E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1277	YC72733	533409.22	6845160.31	5100N	4350E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1278	YC72733	533394.56	6845142.68	5100N	4325E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1279	YC72733	533377.86	6845123.27	5100N	4300E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1280	YC72733	533363.35	6845101.83	5100N	4275E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1281	YC72733	533346.45	6845083.1	5100N	4250E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1282	YC72733	533334.17	6845063.61	5100N	4225E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1283	YC72733	533317.39	6845044.6	5100N	4200E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1284	YC72733	533301.2	6845024.28	5100N	4175E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1285	YC72733	533285.24	6845005.12	5100N	4150E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1286	YC72733	533271.54	6844981.89	5100N	4125E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
1287	YC72733	533253.67	6844965.28	5100N	4100E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1288	YC72733	533241.58	6844943.89	5100N	4075E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1289	YC72733	533224.22	6844925.7	5100N	4050E	JW/TM	Soil-B	Grab	30	GYBR	AM	5
1301	YC72444	534410.39	6845709.02	4650	5400	NG/LF	Soil-B	Grab	30	BR	B	5
1302	YC72444	534393.46	6845684.42	4650	5375	NG/LF	Soil-B	Grab	20	BR	B	10
1303	YC72444	534381.38	6845670.55	4650	5350	NG/LF	Soil-B	Grab	30	GYBR	B	5
1304	YC72444	534362.26	6845651.53	4650	5325	NG/LF	Soil-B	Grab	20	GYBR	B	5
1305	YC72444	534348.05	6845631.02	4650	5300	NG/LF	Soil-B	Grab	30	BR	B	5
1306	YC72444	534334.22	6845610.62	4650	5275	NG/LF	Soil-B	Grab	20	GY	B	5
1307	YC72444	534317.98	6845590.71	4650	5250	NG/LF	Soil-B	Grab	20	GYBR	B	5
1308	YC72444	534301.78	6845569.72	4650	5225	NG/LF	Soil-B	Grab	40	ROBR	B	5
1309	YC72444	534288.44	6845552.51	4650	5200	NG/LF	Soil-B	Grab	30	GYBR	B	5
1310	YC72444	534270.1	6845532.78	4650	5175	NG/LF	Soil-B	Grab	40	ROBR	B	5
1311	YC72444	534256.89	6845512.68	4650	5150	NG/LF	Soil-B	Grab	20	BR	B	5
1312	YC72444	534240.84	6845497.32	4650	5125	NG/LF	Soil-B	Grab	30	GYBR	B	5
1313	YC72441	534261.57	6844868.79	4250	4650	NG/LF	Soil-B	Grab	30	BR	BF	5
1314	YC72441	534261.57	6844868.79	4250	4650	NG/LF	Soil-B	Grab	30	BR	BF	5
1315	YC72441	534278.71	6844892.92	4250	4675	NG/LF	Soil-B	Grab	30	BR	BF	5
1316	YC72441	534294.47	6844907.94	4250	4700	NG/LF	Soil-B	Grab	40	BR	BF	5
1317	YC72441	534309.51	6844930.52	4250	4725	NG/LF	Soil-B	Grab	30	BR	BF	5
1318	YC72441	534322.47	6844948.59	4250	4750	NG/LF	Soil-B	Grab	40	GYBR	BF	5
1319	YC72441	534341.17	6844970.06	4250	4775	NG/LF	Soil-B	Grab	30	ROBR	BF	5
1320	YC72441	534356.48	6844989.86	4250	4800	NG/LF	Soil-B	Grab	30	GYBR	BF	5
1321	YC72441	534370.95	6845009.01	4250	4825	NG/LF	Soil-B	Grab	30	BR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1322	YC72441	534385.41	6845029.98	4250	4850	NG/LF	Soil-B	Grab	20	BR	BF	5
1323	YC72441	534403.16	6845046.95	4250	4875	NG/LF	Soil-B	Grab	30	BR	BF	5
1324	YC72441	534418.13	6845068.27	4250	4900	NG/LF	Soil-B	Grab	20	BR	BF	5
1325	YC72441	534431.8	6845088.65	4250	4925	NG/LF	Soil-B	Grab	30	GYBR	BF	5
1326	YC72441	534447.89	6845107.91	4250	4950	NG/LF	Soil-B	Grab	30	BR	BF	5
1327	YC72441	534462.73	6845125.92	4250	4975	NG/LF	Soil-B	Grab	50	GY	BF	5
1328	YC72442	534478.19	6845145.68	4250	5000	NG/LF	Soil-B	Grab	40	BR	BF	5
1329	YC72442	534494.79	6845165.17	4250	5025	NG/LF	Soil-B	Grab	30	BR	BF	5
1330	YC72442	534507.83	6845186.51	4250	5050	NG/LF	Soil-B	Grab	20	ROBR	BF	5
1331	YC72442	534525.79	6845207.42	4250	5075	NG/LF	Soil-B	Grab	40	BR	BF	5
1332	YC72442	534541.81	6845227.88	4250	5100	NG/LF	Soil-B	Grab	30	ROBR	BF	5
1333	YC72442	534556.18	6845247.85	4250	5125	NG/LF	Soil-B	Grab	30	ROBR	B	5
1334	YC72442	534570.72	6845265.86	4250	5150	NG/LF	Soil-B	Grab	20	ROBR	B	5
1335	YC72442	534586.57	6845286.17	4250	5175	NG/LF	Soil-B	Grab	30	ROBR	B	5
1336	YC72442	534603.33	6845300.92	4250	5200	NG/LF	Soil-B	Grab	30	BR	B	5
1337	YC72442	534613.73	6845327.95	4250	5225	NG/LF	Soil-B	Grab	20	GYBR	B	5
1338	YC72442	534646.94	6845367.66	4250	5275	NG/LF	Soil-B	Grab	20	BR	B	5
1339	YC72442	534662.42	6845382.23	4250	5300	NG/LF	Soil-B	Grab	30	GYBR	B	5
1340	YC72442	534675.28	6845400.57	4250	5325	NG/LF	Soil-B	Grab	20	GYBR	B	5
1341	YC72442	534697.35	6845421.37	4250	5350	NG/LF	Soil-B	Grab	20	GYBR	B	5
1342	YC72442	534706.81	6845442.29	4250	5375	NG/LF	Soil-B	Grab	20	ROBR	B	5
1343	YC72442	534727.07	6845459.86	4250	5400	NG/LF	Soil-B	Grab	20	BR	B	5
1344	YC72442	534740.3	6845483.03	4250	5425	NG/LF	Soil-TF	Grab	10	GY	B	
1345	YC72454	534755.23	6845502.38	4250	5450	NG/LF	Soil-B	Grab	20	BR	B	5
1346	YC72454	534772.81	6845518.76	4250	5475	NG/LF	Soil-B	Grab	20	BR	B	10
1347	YC72454	534783.28	6845544.68	4250	5500	NG/LF	Soil-TF	Grab	10	BR	B	5
1348	YC72454	534799.39	6845562.73	4250	5525	NG/LF	Soil-TF	Grab	10	BR	B	5
1349	YC72454	534817.76	6845579.49	4250	5550	NG/LF	Soil-B	Grab	30	GYBR	B	5
1350	YC72454	534833.13	6845597.64	4250	5575	NG/LF	Soil-B	Grab	30	BR	B	5
1351	YC72454	534848.24	6845616.7	4250	5600	NG/LF	Soil-TF	Grab	10	BR	B	5
1352	YC72454	534863.21	6845637.81	4250	5625	NG/LF	Soil-B	Grab	20	ROBR	B	5
1353	YC72455	535364.62	6846040.63	4100	6250	LF/TM	Soil-B	Grab	30	BR	AM	5
1354	YC72455	535348.88	6846024.51	4100	6225	LF/TM	Soil-B	Grab	30	BR	AM	5
1355	YC72455	535333.97	6846011.46	4100	6200	LF/TM	Soil-B	Grab	30	BR	AM	5
1356	YC72455	535294.03	6845943.93	4100	6125	LF/TM	Soil-B	Grab	30	BR	AM	5
1357	YC72455	535275.09	6845925.46	4100	6100	LF/TM	Soil-B	Grab	30	BR	AM	5
1358	YC72455	535254.14	6845908.8	4100	6075	LF/TM	Soil-B	Grab	30	BR	AM	5
1359	YC72455	535245	6845884.59	4100	6050	LF/TM	Soil-B	Grab	30	BR	AM	5
1360	YC72455	535229.73	6845866.94	4100	6025	LF/TM	Soil-B	Grab	30	BR	AM	5
1361	YC72455	535213.94	6845844.27	4100	6000	LF/TM	Soil-B	Grab	30	BR	AM	5
1362	YC72455	535200.36	6845826.6	4100	5975	LF/TM	Soil-B	Grab	20	BR	AM	5
1363	YC72455	535178.28	6845806.73	4100	5950	LF/TM	Soil-B	Grab	30	BR	AM	5
1364	YC72455	535164.28	6845788.8	4100	5925	LF/TM	Soil-B	Grab	30	BR	AM	5
1365	YC72454	535153.54	6845770.26	4100	5900	LF/TM	Soil-B	Grab	30	BR	AM	5
1366	YC72454	535136.24	6845744.73	4100	5875	LF/TM	Soil-B	Grab	30	BR	AM	5
1367	YC72454	535100.1	6845702.32	4100	5825	LF/TM	Soil-B	Grab	20	BR	AM	5
1368	YC72454	535088.7	6845685.19	4100	5800	LF/TM	Soil-B	Grab	20	BR	AM	5
1369	YC72454	535069.6	6845666.76	4100	5775	LF/TM	Soil-B	Grab	30	BR	AM	5
1370	YC72454	535055.3	6845647.94	4100	5750	LF/TM	Soil-B	Grab	30	BR	AM	5
1371	YC72454	535042.96	6845629.7	4100	5725	LF/TM	Soil-B	Grab	30	BR	AM	5
1372	YC72454	535028.65	6845605.89	4100	5700	LF/TM	Soil-B	Grab	30	BR	AM	5
1373	YC72454	535014.96	6845585.69	4100	5675	LF/TM	Soil-B	Grab	30	BR	AM	5
1374	YC72454	534998.01	6845572.7	4100	5650	LF/TM	Soil-B	Grab	30	BR	AM	5
1375	YC72454	534973.56	6845551.9	4100	5625	LF/TM	Soil-TF	Grab	30	BR	AM	5
1376	YC72454	534949.81	6845513.93	4100	5575	LF/TM	Soil-TF	Grab	20	BR	AM	5
1377	YC72454	534937.62	6845490.37	4100	5550	LF/TM	Soil-B	Grab	30	BR	AM	10
1378	YC72454	534918.54	6845472.96	4100	5525	LF/TM	Soil-B	Grab	30	BR	AM	5
1379	YC72454	534903.76	6845452.93	4100	5500	LF/TM	Soil-B	Grab	30	BR	AM	5
1380	YC72454	534890.49	6845438.19	4100	5475	LF/TM	Soil-B	Grab	30	BR	AM	5
1381	YC72442	534870.33	6845410.36	4100	5450	LF/TM	Soil-B	Grab	30	BR	AM	5
1382	YC72442	534855.19	6845385.75	4100	5425	LF/TM	Soil-B	Grab	30	BR	AM	5
1383	YC72442	534845.02	6845371.91	4100	5400	LF/TM	Soil-B	Grab	30	BR	AM	5
1384	YC72442	534828.34	6845355.27	4100	5375	LF/TM	Soil-B	Grab	30	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1385	YC72442	534813.6	6845332.01	4100	5350	LF/TM	Soil-B	Grab	30	BR	AM	5
1386	YC72442	534796.19	6845313.77	4100	5325	LF/TM	Soil-B	Grab	40	BR	AM	5
1387	YC72442	534783.73	6845295.95	4100	5300	LF/TM	Soil-B	Grab	20	BR	AM	5
1388	YC72442	534763.4	6845274.19	4100	5275	LF/TM	Soil-B	Grab	30	BR	AM	10
1389	YC72442	534752.23	6845251.89	4100	5250	LF/TM	Soil-B	Grab	30	BR	AM	5
1390	YC72442	534735.34	6845233.94	4100	5225	LF/TM	Soil-B	Grab	30	BR	AM	5
1391	YC72442	534722.2	6845215.84	4100	5200	LF/TM	Soil-B	Grab	30	BR	AM	5
1392	YC72442	534686.05	6845172.61	4100	5150	LF/TM	Soil-B	Grab	30	BR	AM	5
1393	YC72442	534671.8	6845161.43	4100	5125	LF/TM	Soil-B	Grab	40	GYBR	AM	10
1394	YC72442	534661.89	6845137.46	4100	5100	LF/TM	Soil-B	Grab	30	BR	AM	5
1395	YC72442	534642.75	6845120.84	4100	5075	LF/TM	Soil-B	Grab	30	BR	AM	5
1396	YC72442	534629.66	6845110.69	4100	5050	LF/TM	Soil-B	Grab	30	BR	AM	5
1397	YC72442	534614.43	6845078.59	4100	5025	LF/TM	Soil-B	Grab	30	GYBR	AM	5
1398	YC72442	534599.16	6845061.83	4100	5000	LF/TM	Soil-B	Grab	30	BR	AM	5
1399	YC72441	534580.01	6845040.38	4100	4975	LF/TM	Soil-B	Grab	30	BR	AM	5
1400	YC72441	534569.02	6845018.12	4100	4950	LF/TM	Soil-B	Grab	40	BR	AM	5
1532	YD07124	533510.91	6843655.51	41N	3225E	MM/LM	Soil-B	Grab	40	BR		0
1533	YD07124	533491.51	6843644.1	41N	3200E	MM/LM	Soil-B	Grab	40	OBR		0
1534	YD07124	533476.67	6843624.89	41N	3175E	MM/LM	Soil-B	Grab	40	BR		0
1535	YD07124	533460.12	6843604.3	41N	3150E	MM/LM	Soil-B	Grab	40	BR		0
1536	YD07123	533445.65	6843581.01	41N	3125E	MM/LM	Soil-B	Grab	40	BR		0
1537	YD07123	533428.36	6843560.49	41N	3100E	MM/LM	Soil-B	Grab	40	GYBR		5
1538	YD07123	533412.76	6843544.31	41N	3075E	MM/LM	Soil-B	Grab	40	GYBR		5
1539	YD07123	533397.91	6843524.85	41N	3050E	MM/LM	Soil-B	Grab	40	GYBR		0
1540	YD07123	533381.78	6843508.28	41N	3025E	MM/LM	Soil-B	Grab	40	GYBR		0
1541	YD07123	533370.2	6843483.7	41N	3000E	MM/LM	Soil-B	Grab	40	GYBR		0
1542	YD07123	533353.91	6843460.9	41N	2975E	MM/LM	Soil-B	Grab	40	GYBR		0
1543	YD07123	533340.54	6843441.02	41N	2950E	MM/LM	Soil-B	Grab	40	GYBR		0
1544	YD07123	533320.53	6843426.28	41N	2925E	MM/LM	Soil-B	Grab	40	GYBR		5
1545	YD07123	533305.35	6843406.7	41N	2900E	MM/LM	Soil-B	Grab	40	GYBR		0
1546	YD07123	533287.48	6843383.69	41N	2875E	MM/LM	Soil-B	Grab	40	GYBR		0
1547	YD07123	533272.36	6843367.26	41N	2850E	MM/LM	Soil-B	Grab	40	GYBR		0
1548	YD07123	533256.59	6843343.97	41N	2825E	MM/LM	Soil-B	Grab	40	GYBR		0
1549	YD07123	533243.3	6843321.27	41N	2800E	MM/LM	Soil-B	Grab	40	BR		10
1550	YD07123	533232.23	6843304.47	41N	2775E	MM/LM	Soil-B	Grab	40	GYBR		10
1551	YD07123	533211.66	6843284.89	41N	2750E	MM/LM	Soil-B	Grab	40	OBR		10
1552	YD07123	533193.55	6843265.8	41N	2725E	MM/LM	Soil-B	Grab	40	OBR		0
1553	YD07123	533181.73	6843248.73	41N	2700E	MM/LM	Soil-B	Grab	40	OBR		0
1554	YD18938	533169.66	6843223.1	41N	2675E	MM/LM	Soil-B	Grab	50	OBR		0
1555	YD18938	533146.98	6843206.67	41N	2650E	MM/LM	Soil-B	Grab	40	OBR		10
1556	YD18938	533137.87	6843188.62	41N	2625E	MM/LM	Soil-B	Grab	50	OBR		20
1557	YD18938	533119.56	6843162.57	41N	2600E	MM/LM	Soil-B	Grab	40	OBR		0
1558	YD18938	533105.26	6843146.5	41N	2575E	MM/LM	Soil-B	Grab	40	OBR		10
1559	YD18938	533087.29	6843120.01	41N	2550E	MM/LM	Soil-B	Grab	40	OBR		10
1560	YD18938	533074.61	6843103.24	41N	2525E	MM/LM	Soil-B	Grab	40	BR		5
1561	YD18938	533060.68	6843089.55	41N	2500E	MM/LM	Soil-B	Grab	40	BR		10
1562	YD18938	533041.82	6843060.05	41N	2475E	MM/LM	Soil-B	Grab	40	OBR		10
1563	YD18938	533031.45	6843050.14	41N	2450E	MM/LM	Soil-B	Grab	40	OBR		5
1564	YD18938	533020.14	6843029.67	41N	2425E	MM/LM	Soil-B	Grab	40	BR		10
1565	YD18938	532993.37	6843010.06	41N	2400E	MM/LM	Soil-B	Grab	40	BR		10
1566	YD18938	532988.31	6842983.93	41N	2375E	MM/LM	Soil-B	Grab	40	BR		10
1567	YD18938	532969.17	6842971.09	41N	2350E	MM/LM	Soil-B	Grab	40	BR		10
1568	YD18938	532948.17	6842954.86	41N	2325E	MM/LM	Soil-B	Grab	40	BR		10
1569	YD18938	532928.93	6842919.46	41N	2300E	MM/LM	Soil-B	Grab	40	BR		5
1570	YD18938	532910.16	6842914.47	41N	2275E	MM/LM	Soil-B	Grab	40	BR		30
1571	YD18938	532904.37	6842894.68	41N	2250E	MM/LM	Soil-B	Grab	40	GYBR		30
1572	YD18938	532889.63	6842877.67	41N	2225E	MM/LM	Soil-B	Grab	40	OBR		10
1573	YD18939	532875.03	6842853.56	41N	2200E	MM/LM	Soil-B	Grab	30	OBR		5
1574	YD18939	532855.34	6842832.09	41N	2175E	MM/LM	Soil-B	Grab	30	GYBR		0
1575	YD18939	532840.85	6842816.44	41N	2150E	MM/LM	Soil-B	Grab	40	OBR		5
1576	YD18939	532827.61	6842793.88	41N	2125E	MM/LM	Soil-B	Grab	40	GYBR		0
1577	YD18939	532810.88	6842772.93	41N	2100E	MM/LM	Soil-B	Grab	40	GYBR		0
1578	YD18939	532794.94	6842754.94	41N	2075E	MM/LM	Soil-B	Grab	40	GYBR		0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1579	YC73856	532885.81	6845788.04	59N	4525E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
1580	YC73856	532872.92	6845774.27	59N	4500E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
1581	YC73856	532856.87	6845750.49	59N	4475E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
1582	YC73856	532839.01	6845734.27	59N	4450E	LM/JMc	Soil-B	Grab	40	GY	Bf	10
1583	YC89530	532824.71	6845712.9	59N	4425E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
1584	YC89530	532810.62	6845693.68	59N	4400E	LM/JMc	Soil-B	Grab	60	GY	Bf	0
1585	YC89530	532795.06	6845671.6	59N	4375E	LM/JMc	Soil-B	Grab	20	GY	Bf	0
1586	YC89530	532780.41	6845655.33	59N	4350E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
1587	YC89530	532763.96	6845630.99	59N	4325E	LM/JMc	Soil-B	Grab	30	GY	Bf	10
1588	YC89530	532746.48	6845614.88	59N	4300E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
1589	YC89530	532732.03	6845594.77	59N	4275E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
1590	YC89530	532717.89	6845574.56	59N	4250E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
1591	YC89530	532704.33	6845552.19	59N	4225E	LM/JMc	Soil-B	Grab	20	GYBR	Bf	0
1592	YC89530	532685.2	6845536.72	59N	4200E	LM/JMc	Soil-B	Grab	60	GYBR	Bf	5
1593	YC73853	533673.05	6847359.67	6250N	6250	AH/NG	Soil-TF	Grab	15	GY	TA	0
1594	YC73853	533656.38	6847346.66	6250N	6225E	AH/NG	Soil-TF	Grab	20	GY	TA	0
1595	YC73853	533639.95	6847326.38	6250N	6200E	AH/NG	Soil-B	Grab	20	GY	TA	0
1596	YC73853	533624.31	6847303.26	6250N	6175E	AH/NG	Soil-B	Grab	20	GY	TA	10
1597	YC73853	533606.23	6847286.63	6250N	6150E	AH/NG	Soil-B	Grab	10	GY	TA	45
1598	YC73853	533595.39	6847267.87	6250N	6125E	AH/NG	Soil-B	Grab	5	GY	TA	0
1599	YC73853	533579.07	6847248.76	6250N	6100E	AH/NG	Soil-B	Grab	20	GY	TA	15
1600	YC73853	533564.52	6847228.57	6250N	6075E	AH/NG	Soil-B	Grab	20	GYBR	TA	15
1601	YC73853	533548.51	6847204.26	6250N	6050E	AH/NG	Soil-B	Grab	20	GYBR	TA	15
1602	YC73853	533533.61	6847187.28	6250N	6025E	AH/NG	Soil-B	Grab	40	GYBR	TA	15
1603	YC73853	533517.51	6847166.48	6250N	6000E	AH/NG	Soil-B	Grab	30	GYBR	TA	15
1604	YC73853	533503.96	6847147.09	6250N	5975E	AH/NG	Soil-B	Grab	40	GYBR	TA	15
1605	YC73853	533488.1	6847128.83	6250N	5950E	AH/NG	Soil-B	Grab	20	GYBR	TA	20
1606	YC73853	533472.16	6847108.41	6250N	5925E	AH/NG	Soil-B	Grab	30	GYBR	TA	35
1607	YC73853	533454.29	6847091.35	6250N	5900E	AH/NG	Soil-B	Grab	20	GY	TA	10
1608	YC73853	533441.03	6847071.55	6250N	5875E	AH/NG	Soil-B	Grab	30	GY	TA	10
1609	YC73853	533424.75	6847053.62	6250N	5850E	AH/NG	Soil-B	Grab	30	GY	TA	10
1610	YC73853	533409.34	6847029.27	6250N	5825E	AH/NG	Soil-TF	Grab	20	GY	TA	20
1611	YC73852	533394.91	6847010.82	6250N	5800E	AH/NG	Soil-B	Grab	25	BR	TA	10
1612	YC73852	533378.89	6846989.04	6250N	5775E	AH/NG	Soil-B	Grab	30	BR	TA	15
1613	YC73852	533363.14	6846970.36	6250N	5750E	AH/NG	Soil-B	Grab	20	BR	TA	25
1614	YC73852	533349.65	6846947.96	6250N	5725E	AH/NG	Soil-B	Grab	20	BR	TA	5
1615	YC73852	533331.36	6846931.17	6250N	5700E	AH/NG	Soil-B	Grab	25	GYBR	TA	10
1616	YC73852	533301.99	6846888.24	6250N	5675E	AH/NG	Soil-B	Grab	20	BR	TA	0
1617	YC73852	533317.23	6846912.16	6250N	5650E	AH/NG	Soil-B	Grab	25	BR	TA	10
1618	YC73852	533285.4	6846867.18	6250N	5625E	AH/NG	Soil-B	Grab	30	GYBR	TA	15
1619	YC73852	533268.6	6846848.27	6250N	5600E	AH/NG	Soil-B	Grab	40	RBR	TA	15
1620	YC73852	533253.66	6846833.23	6250N	5575E	AH/NG	Soil-B	Grab	30	GY	TA	0
1621	YC73852	533235.96	6846808.04	6250N	5550E	AH/NG	Soil-B	Grab	35	GY	TA	0
1622	YC73852	533221.75	6846795.58	6250N	5525E	AH/NG	Soil-TF	Grab	20	GY	TA	0
1623	YC73852	533211.55	6846771.05	6250N	5500E	AH/NG	Soil-B	Grab	30	GYBR	TA	10
1624	YC73852	533193.59	6846755.04	6250N	5475E	AH/NG	Soil-TF	Grab	20	GY	TA	0
1625	YC73852	533178.19	6846733.15	6250N	5450E	AH/NG	Soil-TF	Grab	10	GY	TA	0
1626	YC73852	533162.41	6846712.7	6250N	5425E	AH/NG	Soil-TF	Grab	20	GY	TA	0
1627	YC73852	533146.61	6846696.26	6250N	5400E	AH/NG	Soil-B	Grab	30	GY	TA	0
1628	YC73852	533131.5	6846676.57	6250N	5375E	AH/NG	Soil-TF	Grab	10	GY	TA	0
1629	YC73852	533135.27	6846673.35	6250N	5375E	AH/NG	Soil-TF	Grab	20	GY	TA	0
1630	YC73852	533114.59	6846653.42	6250N	5350E	AH/NG	Soil-B	Grab	25	GY	TA	0
1631	YC73859	533098.04	6846637.83	6250N	5325E	AH/NG	Soil-B	Grab	25	GY	TA	0
1632	YC73859	533086.85	6846616.54	6250N	5300E	AH/NG	Soil-B	Grab	20	GY	TA	0
1633	YC73859	533072.7	6846597.07	6250N	5275E	AH/NG	Soil-B	Grab	25	GYBR	TA	0
1634	YC73859	533057.73	6846576.3	6250N	5250E	AH/NG	Soil-B	Grab	25	BR	AM	0
1635	YC73859	533039.61	6846566.74	6250N	5225E	AH/NG	Soil-B	Grab	30	GYBR	TA	0
1636	YC73859	533017.56	6846539.83	6250N	5200E	AH/NG	Soil-B	Grab	20	BR	TA	0
1637	YC73859	533005.22	6846522.32	6250N	5175E	AH/NG	Soil-B	Grab	0	BR	TA	0
1638	YC73859	532994.88	6846497.52	6250N	5150E	AH/NG	Soil-B	Grab	40	BR	TA	0
1639	YC73859	532983.07	6846475.98	6250N	5125E	AH/NG	Soil-B	Grab	20	LBR	AM	5
1640	YC73859	532959.98	6846457.37	6250N	5100E	AH/NG	Soil-TF	Grab	10	GY	AM	0
1641	YC73859	532945.43	6846436.22	6250N	5075E	AH/NG	Soil-TF	Grab	10	GY	AM	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1642	YC73859	532928.82	6846416.5	6250N	5050E	AH/NG	Soil-B	Grab	30	GY	AM	0
1643	YC73859	532912.02	6846400.54	6250N	5025E	AH/NG	Soil-B	Grab	30	LBR	AM	5
1644	YC73859	532906.42	6846381.62	6250N	5000E	AH/NG	Soil-B	Grab	20	LBR	AM	5
1645	YC73859	532877.38	6846357.16	6250N	4975E	AH/NG	Soil-B	Grab	30	GYBR	B	5
1646	YC73859	532868.86	6846339.52	6250N	4950E	AH/NG	Soil-B	Grab	20	RBR	AM	10
1647	YC73859	532839.31	6846301.06	6250N	4900E	AH/NG	Soil-B	Grab	20	GY	AM	5
1648	YC73858	532820.23	6846280.37	6250N	4875E	AH/NG	Soil-B	Grab	30	BR	AM	0
1649	YC73858	532804.66	6846266.44	6250N	4850E	AH/NG	Soil-B	Grab	5	LBR	AM	5
1650	YC73858	532793.9	6846243.41	6250N	4825E	AH/NG	Soil-B	Grab	20	BR	AM	5
1651	YC73858	532776.74	6846224.3	6250N	4800E	AH/NG	Soil-B	Grab	15	RBR	AM	5
1652	YC73858	532717.94	6846150.22	6250N	4700E	AH/NG	Soil-B	Grab	10	BR	B	5
1653	YC73858	532705.65	6846124.76	6250N	4675E	AH/NG	Soil-B	Grab	40	LBR	AM	0
1664	YC89528	532879.07	6845292.43	56N	4125E	MMc/JW	Soil-B	Grab	20	BR	BF	5
1665	YC89528	532862.23	6845273.31	56N	4100E	MMc/JW	Soil-B	Grab	45	RBR	BF	5
1666	YC89528	532847.68	6845253.17	56N	4075E	MMc/JW	Soil-B	Grab	30	GYBR	BF	25
1667	YC89528	532830.7	6845233.85	56N	4050E	MMc/JW	Soil-B	Grab	40	GYBR	BF	5
1668	YC89528	532815.13	6845212.82	56N	4025E	MMc/JW	Soil-B	Grab	40	OBR	BF	5
1669	YC89528	532802.6	6845192.62	56N	4000E	MMc/JW	Soil-B	Grab	15	OBR	BF	0
1670	YC89527	532787.83	6845175.52	56N	3975E	MMc/JW	Soil-B	Grab	25	BR	BF	5
1671	YC89527	532770.3	6845154.05	56N	3950E	MMc/JW	Soil-B	Grab	50	BR	BF	0
1672	YC89527	532755.57	6845135.5	56N	3925E	MMc/JW	Soil-B	Grab	40	OBR	BF	5
1673	YC89527	532738.94	6845116.48	56N	3900E	MMc/JW	Soil-B	Grab	50	BR	BF	15
1674	YC89527	532724.31	6845095.33	56N	3875E	MMc/JW	Soil-B	Grab	50	GYBR	BF	10
1675	YC89527	532704.9	6845077.37	56N	3850E	MMc/JW	Soil-B	Grab	50	GY	BF	10
1676	YC89527	532693.56	6845055.41	56N	3825E	MMc/JW	Soil-B	Grab	60	OBR	BF	0
1677	YC89527	532677.74	6845038.52	56N	3800E	MMc/JW	Soil-B	Grab	50	OBR	BF	5
1678	YC89527	532664.29	6845018.37	56N	3775E	MMc/JW	Soil-B	Grab	35	ROBR	BF	5
1679	YC89527	532646.27	6844995.54	56N	3750E	MMc/JW	Soil-B	Grab	35	OBR	BF	5
1680	YC89527	532629.77	6844976.46	56N	3725E	MMc/JW	Soil-B	Grab	35	OBR	BF	5
1681	YC89527	532617.97	6844957.83	56N	3700E	MMc/JW	Soil-B	Grab	30	OBR	BF	5
1682	YC89527	532602.83	6844936.04	56N	3675E	MMc/JW	Soil-B	Grab	30	OBR	BF	5
1683	YC89527	532587.66	6844917.65	56N	3650E	MMc/JW	Soil-B	Grab	25	GYBR	BF	0
1684	YC89527	532556	6844880.2	56N	3600E	MMc/JW	Soil-B	Grab	40	GYBR	BF	5
1685	YC89527	532539.92	6844857.7	56N	3575E	MMc/JW	Soil-B	Grab	55	GYBR	BF	15
1686	YC89527	532522.96	6844837.22	56N	3550E	MMc/JW	Soil-B	Grab	60	GYBR	BF	20
1687	YC89527	532506.55	6844821.2	56N	3525E	MMc/JW	Soil-B	Grab	50	GYBR	BF	10
1688	YD10915	532491.42	6844798.99	56N	3500E	MMc/JW	Soil-B	Grab	50	GYBR	BF	20
1689	YD10915	532478.83	6844780.94	56N	3475E	MMc/JW	Soil-B	Grab	40	OBR	BF	10
1690	YD10917	532461.1	6844761.86	56N	3450E	MMc/JW	Soil-B	Grab	40	OBR	BF	0
1691	YD10917	532446.93	6844743.59	56N	3425E	MMc/JW	Soil-B	Grab	70	GYBR	BF	5
1692	YD10915	532433.06	6844718	56N	3400E	MMc/JW	Soil-B	Grab	100	GYBR	BF	15
1693	YD10917	532415.35	6844701.91	56N	3375E	MMc/JW	Soil-B	Grab	50	GY	BF	15
1694	YD10917	532399.55	6844679.17	56N	3350E	MMc/JW	Soil-B	Grab	20	OBR	BF	10
1695	YD10917	532385.02	6844664.18	56N	3325E	MMc/JW	Soil-B	Grab	40	GYBR	BF	5
1696	YD10917	532370.07	6844641.72	56N	3300E	MMc/JW	Soil-B	Grab	35	GYBR	BF	10
1697	YD10917	532353.63	6844622.62	56N	3275E	MMc/JW	Soil-B	Grab	30	GYBR	BF	5
1698	YD10917	532341.48	6844603.26	56N	3250E	MMc/JW	Soil-B	Grab	40	GYBR	BF	10
1699	YD10917	532322.47	6844584.23	56N	3225E	MMc/JW	Soil-B	Grab	20	GYBR	BF	5
1700	YD10917	532308.66	6844564.17	56N	3200E	MMc/JW	Soil-B	Grab	25	GYBR	BF	10
1701	YD10917	532290.9	6844545.57	56N	3175E	MMc/JW	Soil-B	Grab	25	GYBR	BF	10
1702	YD10917	532276.5	6844521.95	56N	3150E	MMc/JW	Soil-B	Grab	30	GYBR	BF	10
1703	YD29195	532606	6845760	61N	E4325	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1704	YD29195	532589.77	6845740.1	61N	E4300	RG/JI	Soil-B	Grab	30	GYBR		5
1705	YD29195	532577.64	6845720.09	61N	E4275	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1706	YD29195	532558.47	6845697.5	61N	E4250	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1707	YD29195	532546.48	6845679.26	61N	E4225	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1708	YD29195	532529.51	6845657.42	61N	E4200	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1709	YD29195	532513.65	6845641.58	61N	E4175	RG/JI	Soil-B	Grab	50	GYBR	BF	0
1710	YD29195	532498.67	6845622.18	61N	E4150	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1711	YD29195	532482.84	6845601.52	61N	E4125	RG/JI	Soil-B	Grab	50	GYBR	BF	5
1712	YD29195	532471.49	6845579.4	61N	E4100	RG/JI	Soil-B	Grab	30	OBR	BF	5
1713	YD29195	532452.01	6845562.55	61N	E4075	RG/JI	Soil-B	Grab	30	GYBR	BF	0
1714	YD29195	532437.18	6845541.23	61N	E4025	RG/JI	Soil-B	Grab	30	GYBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1715	YD29195	532419.47	6845522.02	61N	E4000	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1716	YD29195	532408.4	6845503.22	61N	E3975	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1717	YD29195	532391.58	6845484.28	61N	E3950	RG/JI	Soil-B	Grab	50	GYBR	BF	5
1718	YD24797	532370.73	6845462.89	61N	E3900	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1719	YD24797	532342.14	6845423.22	61N	E3875	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1720	YD24797	532330.8	6845406.73	61N	E3875	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1721	YD24797	532314.37	6845383.09	61N	E3850	RG/JI	Soil-B	Grab	50	OBR	BF	5
1722	YD24797	532300.22	6845363.83	61N	E3825	RG/JI	Soil-B	Grab	30	OBR	BF	5
1723	YD24797	532283.84	6845343.94	61N	E3800	RG/JI	Soil-B	Grab	40	OBR	BF	5
1724	YD24797	532268.04	6845326.31	61N	E3775	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1725	YD24797	532252.71	6845307.13	61N	E3750	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1726	YD24797	532238.48	6845284.11	61N	E3725	RG/JI	Soil-B	Grab	30	GYBR	BF	0
1727	YD24797	532206.59	6845245.27	61N	E3675	RG/JI	Soil-B	Grab	30	GYBR	BF	0
1728	YD24797	532192.59	6845228.91	61N	E3650	RG/JI	Soil-B	Grab	40	OBR	BF	5
1729	YD24797	532175.39	6845205.77	61N	E3625	RG/JI	Soil-B	Grab	30	OBR	BF	5
1730	YD24797	532154.45	6845184.27	61N	E3600	RG/JI	Soil-B	Grab	50	GYBR	BF	5
1731	YD24797	532145.11	6845163.63	61N	E3575	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1732	YD24797	532129.72	6845144.22	61N	E3550	RG/JI	Soil-B	Grab	50	GYBR	BF	0
1733	YD24797	532113.37	6845127	61N	E3525	RG/JI	Soil-B	Grab	40	GYBR	BF	0
1734		532100.07	6845107.96	61N	E3500	RG/JI	Soil-B	Grab	50	GYBR	BF	0
1735	YD10919	532083.83	6845087.68	61N	E3475	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1736	YD10919	532069.16	6845068.15	61N	E3450	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1737	YC73856	532809.04	6845851.27	60N	E4525	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1738	YC73856	532789.6	6845833.17	60N	E4500	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1739	YC73856	532777.83	6845813.03	60N	E4475	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1740	YC73856	532762.42	6845793.99	60N	E4450	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1741	YC89530	532746.48	6845773.83	60N	E4425	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1742	YC89530	532730.81	6845750.52	60N	E4400	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1743	YC89530	532711.67	6845736.21	60N	E4375	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1744	YC89530	532700.53	6845714.53	60N	E4350	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1745	YC89530	532682.79	6845697.43	60N	E4325	RG/JI	Soil-B	Grab	30	OBR	BF	5
1746	YC89530	532667.35	6845675.1	60N	E4300	RG/JI	Soil-B	Grab	30	OBR	BF	5
1747	YC89530	532654.43	6845656.49	60N	E4275	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1748	YC89530	532638.19	6845636.6	60N	E4250	RG/JI	Soil-B	Grab	30	GYBR	BF	5
1749	YC89530	532623.19	6845617.39	60N	E4225	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1750	YC89530	532607.13	6845601.46	60N	E4200	RG/JI	Soil-B	Grab	30	BR	BF	5
1751	YC89530	532592.69	6845577.82	60N	E4175	RG/JI	Soil-B	Grab	30	BR	BF	5
1752	YC89530	532580.06	6845560.57	60N	E4150	RG/JI	Soil-B	Grab	30	OBR	BF	5
1753	YC89530	532561.26	6845540.86	60N	E4125	RG/JI	Soil-B	Grab	40	GYBR	BF	5
1754	YC89530	532546.02	6845518.11	60N	E4100	RG/JI	Soil-B	Grab	30	GYBR	BF	0
1755	YC89530	532527.98	6845499.62	60N	E4075	RG/JI	Soil-B	Grab	30	GYBR	BF	0
1756	YC89530	532510.97	6845480.69	60N	E4050	RG/JI	Soil-B	Grab	30	OBR	BF	0
1757	YC89530	532480.76	6845437.9	60N	E4000	RG/JI	Soil-B	Grab	30	OBR	BF	0
1758	YC72447	533298.25	6845666.55	55N	4675E	MMc/LF	Soil-B	Grab	15	BR	AM	10
1759	YC72447	533280.13	6845647.32	55N	4650E	MMc/LF	Soil-B	Grab	20	BR	AM	10
1760	YC72447	533265.04	6845627.21	55N	4625E	MMc/LF	Soil-B	Grab	20	BR	AM	10
1761	YC72447	533251.39	6845609.55	55N	4600E	MMc/LF	Soil-B	Grab	30	BR	AM	15
1762	YC72447	533233.76	6845586.62	55N	4575E	MMc/LF	Soil-B	Grab	40	BR	AM	10
1763	YC72447	533217.56	6845566.62	55N	4550E	MMc/LF	Soil-B	Grab	40	GYBR	AM	15
1764	YC72447	533205.38	6845545.42	55N	4525E	MMc/LF	Soil-B	Grab	30	BR	AM	10
1765	YC72447	533189.11	6845529.95	55N	4500E	MMc/LF	Soil-B	Grab	40	GYBR	AM	25
1766	YC72447	533172.83	6845508.36	55N	4475E	MMc/LF	Soil-B	Grab	40	GYBR	AM	15
1767	YC89528	533148.73	6845490.08	55N	4450E	MMc/LF	Soil-B	Grab	20	GYBR	AM	10
1768	YC89528	533140.81	6845469.29	55N	4425E	MMc/LF	Soil-C	Grab	40	GYBR	AM	10
1769	YC89528	533130.28	6845446.52	55N	4400E	MMc/LF	Soil-B	Grab	40	GYBR	AM	20
1770	YC89528	533110.17	6845426.25	55N	4375E	MMc/LF	Soil-B	Grab	30	BR	BF	5
1771	YC89528	533095.84	6845410.16	55N	4350E	MMc/LF	Soil-B	Grab	20	BR	BF	10
1772	YC89528	533080.7	6845392.33	55N	4325E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1773	YC89528	533064.43	6845369.51	55N	4300E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1774	YC89528	533049.4	6845347.22	55N	4275E	MMc/LF	Soil-B	Grab	30	OBR	BF	5
1775	YC89528	533031.78	6845332.39	55N	4250E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1776	YC89528	533019.95	6845314.04	55N	4225E	MMc/LF	Soil-B	Grab	20	BR	BF	5
1777	YC89528	533000.57	6845286.25	55N	4200E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1778	YC89528	532987.46	6845273.14	55N	4175E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10
1779	YC89528	532972.61	6845254.76	55N	4150E	MMc/LF	Soil-B	Grab	20	GYBR	BF	10
1780	YC89528	532956.29	6845233.83	55N	4125E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1781	YC89528	532942.34	6845213.15	55N	4100E	MMc/LF	Soil-C	Grab	40	GYBR	BF	5
1782	YC89528	532927.41	6845194.31	55N	4075E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1783	YC89528	532916.37	6845174.56	55N	4050E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10
1784	YC89528	532893.71	6845153.77	55N	4025E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1785	YC89528	532879.61	6845129.11	55N	4000E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1786	YC89527	532863.25	6845109.52	55N	3975E	MMc/LF	Soil-B	Grab	40	GYBR	BF	10
1787	YC89527	532849.27	6845092.29	55N	3950E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1788	YC89527	532828.17	6845077.48	55N	3925E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10
1789	YC89527	532821.82	6845054.01	55N	3900E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1790	YC89527	532801.88	6845029.98	55N	3875E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1791	YC89527	532788.09	6845012.61	55N	3850E	MMc/LF	Soil-B	Grab	20	BR	BF	5
1792	YC89527	532775.36	6844994.71	55N	3825E	MMc/LF	Soil-B	Grab	20	BR	BF	20
1793	YC89527	532759.52	6844972.09	55N	3800E	MMc/LF	Soil-B	Grab	30	BR	BF	5
1794	YC89527	532741.92	6844955.97	55N	3775E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1795	YC89527	532726.33	6844934.25	55N	3750E	MMc/LF	Soil-B	Grab	20	GYBR	BF	5
1796	YC89527	532710.38	6844912.92	55N	3725E	MMc/LF	Soil-B	Grab	20	GYBR	BF	5
1797	YC89527	532696.59	6844898.02	55N	3700E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1798	YC89527	532681.01	6844883.53	55N	3675E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1799	YC89527	532666.09	6844855.79	55N	3650E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1800	YC89527	532651.8	6844837.12	55N	3625E	MMc/LF	Soil-B	Grab	20	OBR	BF	5
1801	YC89527	532633.4	6844815.82	55N	3600E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1802	YC89527	532619.85	6844799.14	55N	3575E	MMc/LF	Soil-B	Grab	40	BR	BF	5
1803	YC89527	532602.98	6844780.2	55N	3550E	MMc/LF	Soil-B	Grab	30	BR	BF	10
1804	YC89527	532588.86	6844759.11	55N	3525E	MMc/LF	Soil-B	Grab	30	BR	BF	10
1805	YD10915	532571.81	6844740.42	55N	3500E	MMc/LF	Soil-B	Grab	20	GYBR	BF	10
1806	YD10915	532555.19	6844722.46	55N	3475E	MMc/LF	Soil-B	Grab	20	GYBR	BF	10
1807	YD10915	532542.27	6844700.11	55N	3450E	MMc/LF	Soil-B	Grab	40	BR	BF	10
1808	YD10915	532526.31	6844680.03	55N	3425E	MMc/LF	Soil-B	Grab	30	BR	BF	5
1809	YD10915	532511.98	6844658.62	55N	3400E	MMc/LF	Soil-B	Grab	40	BR	BF	5
1810	YD10915	532500.88	6844635.63	55N	3375E	MMc/LF	Soil-B	Grab	30	BR	BF	5
1811	YD10915	532483.52	6844621.92	55N	3350E	MMc/LF	Soil-B	Grab	30	GYBR	BF	5
1812	YD10915	532465.63	6844604.44	55N	3325E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1813	YD10915	532449.38	6844577.87	55N	3300E	MMc/LF	Soil-B	Grab	30	GYBR	BF	20
1814	YD10915	532434.11	6844560.17	55N	3275E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1815	YD10915	532418.42	6844544.67	55N	3250E	MMc/LF	Soil-C	Grab	60	GY	BF	20
1816	YD10915	532404.04	6844523.85	55N	3225E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10
1817	YD10915	532387.88	6844500.12	55N	3200E	MMc/LF	Soil-B	Grab	40	BR	BF	5
1818	YD10915	532370.42	6844484.59	55N	3175E	MMc/LF	Soil-B	Grab	30	GYBR	BF	10
1819	YD10915	532355.38	6844463.74	55N	3150E	MMc/LF	Soil-B	Grab	40	GYBR	BF	5
1820	YC72447	533375.06	6845599.6	54N	E4675	MMC/LF	Soil-B	Grab	20	BR	AM	10
1821	YC72447	533360.77	6845582.89	54N	E4650	MMC/LF	Soil-B	Grab	20	BR	AM	5
1822	YC72447	533342.63	6845563.43	54N	E4625	MMC/LF	Soil-B	Grab	30	GYBR	AM	10
1823	YC72447	533326.3	6845547.6	54N	E4600	MMC/LF	Soil-B	Grab	30	GYBR	AM	10
1824	YC72447	533314.02	6845531.01	54N	E4575	MMC/LF	Soil-B	Grab	20	GYBR	AM	10
1825	YC72447	533298.66	6845507.06	54N	E4550	MMC/LF	Soil-B	Grab	40	BR	AM	15
1826	YC72447	533282.63	6845483.95	54N	E4525	MMC/LF	Soil-B	Grab	25	GYBR	AM	15
1827	YC72447	533265.58	6845467.19	54N	E4500	MMC/LF	Soil-B	Grab	30	GYBR	AM	15
1828	YC72447	533249.04	6845447.35	54N	E4475	MMC/LF	Soil-B	Grab	50	BR	AM	10
1829	YC89528	533235.2	6845423.98	54N	E4450	MMC/LF	Soil-B	Grab	30	GYBR	BF	15
1830	YC89528	533221.52	6845407.75	54N	E4425	MMC/LF	Soil-B	Grab	40	GRY	BF	15
1831	YC89528	533204.91	6845384.2	54N	E4400	MMC/LF	Soil-TF	Grab	30	GYBR	BF	10
1832	YC89528	533187.99	6845366.82	54N	E4375	MMC/LF	Soil-B	Grab	30	GYBR	AM	10
1833	YC89528	533171.7	6845347.09	54N	E4350	MMC/LF	Soil-B	Grab	30	GYBR	BF	10
1834	YC89528	533156.68	6845329.95	54N	E4325	MMC/LF	Soil-B	Grab	30	BR	BF	5
1835	YC89528	533146.16	6845308.94	54N	E4300	MMC/LF	Soil-B	Grab	30	BR	BF	5
1836	YC89528	533128.47	6845283.81	54N	E4275	MMC/LF	Soil-B	Grab	30	GYBR	BF	20
1837	YC89528	533119.03	6845268.5	54N	E4250	MMC/LF	Soil-B	Grab	20	ROBR	AM	10
1838	YC89528	533094	6845247.78	54N	E4225	MMC/LF	Soil-B	Grab	30	GYBR	AM	15
1839	YC89528	533077.71	6845229.47	54N	E4200	MMC/LF	Soil-B	Grab	30	BR	BF	15
1840	YC89528	533068.46	6845211.87	54N	E4175	MMC/LF	Soil-B	Grab	30	GYBR	BF	15

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1841	YC89528	533051.75	6845188.35	54N	E4150	MMC/LF	Soil-B	Grab	30	GYBR	BF	10
1842	YC89528	533036.13	6845168.55	54N	E4125	MMC/LF	Soil-B	Grab	30	GRY	BF	15
1843	YC89528	533019.24	6845148.83	54N	E4100	MMC/LF	Soil-TF	Grab	30	GRY	BF	15
1844	YC89528	533006.21	6845129.3	54N	E4075	MMC/LF	Soil-TF	Grab	20	GRY	AM	15
1845	YC89528	532988.58	6845109.79	54N	E4050	MMC/LF	Soil-TF	Grab	20	GRY	AM	5
1846	YC89528	532974.8	6845089.72	54N	E4025	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
1847	YC89528	532956.62	6845068.7	54N	E4000	MMC/LF	Soil-TF	Grab	40	GRY	AM	0
1848	YC89527	532940.9	6845053.97	54N	E3975	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
1849	YC89527	532927.54	6845026.99	54N	E3950	MMC/LF	Soil-B	Grab	30	GYBR	AM	15
1850	YC89527	532912.78	6845008.63	54N	E3925	MMC/LF	Soil-B	Grab	15	OBR	AM	15
1851	YC89527	532892.07	6844987.81	54N	E3900	MMC/LF	Soil-B	Grab	30	BR	AM	10
1852	YC89527	532881.69	6844971.04	54N	E3875	MMC/LF	Soil-B	Grab	30	GYBR	BF	15
1853	YC89527	532865.97	6844953.44	54N	E3850	MMC/LF	Soil-B	Grab	15	OBR	BF	15
1854	YC89527	532850.79	6844933.3	54N	E3825	MMC/LF	Soil-B	Grab	20	BR	BF	10
1855	YC89527	532832.5	6844914.03	54N	E3800	MMC/LF	Soil-B	Grab	30	GYBR	BF	10
1856	YC89527	532816.78	6844900.37	54N	E3775	MMC/LF	Soil-B	Grab	40	GYBR	BF	10
1857	YC89527	532814.79	6844904.32	54N	E3775	MMC/LF	Soil-B	Grab				
1858	YC89527	532805.6	6844871.64	54N	E3750	MMC/LF	Soil-B	Grab	20	BR	BF	5
1859	YC89527	532791.06	6844857.01	54N	E3725	MMC/LF	Soil-B	Grab	25	OBR	BF	5
1860	YC89527	532777.18	6844833.68	54N	E3700	MMC/LF	Soil-B	Grab	20	GYBR	BF	10
1861	YC89527	532761.46	6844818.73	54N	E3675	MMC/LF	Soil-B	Grab	40	GYBR	BF	20
1862	YC89527	532743.57	6844792.71	54N	E3650	MMC/LF	Soil-B	Grab	20	BR	BF	10
1863	YC89527	532727.84	6844771.27	54N	E3625	MMC/LF	Soil-B	Grab	30	OBR	BF	5
1864	YC89527	532712.7	6844753.06	54N	E3600	MMC/LF	Soil-B	Grab	20	OBR	BF	15
1865	YC89527	532695.52	6844738.54	54N	E3575	MMC/LF	Soil-B	Grab	30	BR	BF	10
1866	YC89527	532680.78	6844715.41	54N	E3550	MMC/LF	Soil-B	Grab	20	GYBR	BF	15
1867	YD10915	532665.09	6844694.35	54N	E3525	MMC/LF	Soil-B	Grab	30	BR	BF	10
1868	YD10915	532648.76	6844673.31	54N	E3500	MMC/LF	Soil-B	Grab	30	BR	BF	15
1869	YD10915	532637.61	6844657.52	54N	E3475	MMC/LF	Soil-B	Grab	30	GYBR	BF	10
1870	YD10915	532622.11	6844639.82	54N	E3450	MMC/LF	Soil-B	Grab	20	GYBR	BF	15
1871	YD10915	532604.1	6844614.51	54N	E3425	MMC/LF	Soil-B	Grab	30	GYBR	BF	10
1872	YD10915	532587.69	6844597.44	54N	E3400	MMC/LF	Soil-B	Grab	30	BR	BF	15
1873	YD10915	532566.76	6844579.59	54N	E3375	MMC/LF	Soil-B	Grab	30	BR	BF	10
1874	YD10915	532545.87	6844539	54N	E3350	MMC/LF	Soil-B	Grab	30	GYBR	BF	15
1875	YD10915	532524.66	6844524.57	54N	E3325	MMC/LF	Soil-B	Grab	30	BR	BF	10
1876	YD10915	532511.37	6844504.71	54N	E3300	MMC/LF	Soil-B	Grab	30	GYBR	BF	15
1877	YD10915	532492.37	6844483.58	54N	E3275	MMC/LF	Soil-C	Grab	30	GRY	BF	10
1878	YD10915	532479.09	6844456.83	54N	E3250	MMC/LF	Soil-B	Grab	30	GYBR	BF	15
1879	YD10915	532466.48	6844440.31	54N	E3225	MMC/LF	Soil-B	Grab	30	GYBR	BF	20
1880	YD10915	532433.76	6844402.44	54N	E3200	MMC/LF	Soil-B	Grab	40	GYBR	BF	20
1881	YC72447	533253.86	6845692.76	5550N	E4675	MMC/DM	Soil-B	Grab	40	BR	AM	10
1882	YC72447	533239.48	6845671.7	5550N	E4650	MMC/DM	Soil-B	Grab	40	BR	AM	10
1883	YC72447	533331.7	6845632.71	5450N	E4675	MMC/DM	Soil-B	Grab	30	BR	AM	10
1884	YC72447	533413.88	6845569.9	5350N	E4675	MMC/DM	Soil-B	Grab	40	BR	AM	10
1885	YC72447	533394.58	6845553.2	5350N	E4650	MMC/DM	Soil-B	Grab	40	GYBR	AM	10
1886	YC72447	533318.97	6845611.56	5450N	E4650	MMC/DM	Soil-B	Grab	30	BR	AM	10
1887	YC72447	533221.64	6845649.56	5550N	E4625	MMC/DM	Soil-B	Grab	30	BR	AM	15
1888	YC72447	533207.16	6845629.07	5550N	E4600	MMC/DM	Soil-B	Grab	30	BR	AM	10
1889	YC72447	533296.49	6845593.02	5450N	E4625	MMC/DM	Soil-B	Grab	40	BR	AM	5
1890	YC72447	533376.81	6845529.86	5350N	E4625	MMC/DM	Soil-B	Grab	30	BR	AM	10
1891	YC72447	533288.55	6845572.05	5450N	E4600	MMC/DM	Soil-B	Grab	50	BR	AM	5
1892	YC72447	533194.42	6845611.81	5550N	E4575	MMC/DM	Soil-B	Grab	40	GYBR	AM	10
1893	YC72447	533177.73	6845593.02	5550N	E4550	MMC/DM	Soil-TF	Grab	40	GRY	AM	5
1894	YC72447	533273.81	6845552.53	5450N	E4575	MMC/DM	Soil-B	Grab	40	BR	AM	10
1895	YC72447	533364.49	6845511.48	5350N	E4600	MMC/DM	Soil-B	Grab	70	GYBR	AM	0
1896	YC72447	533348.13	6845491.5	5350N	E4575	MMC/DM	Soil-B	Grab	60	GYBR	AM	15
1897	YC72447	533334.45	6845467.29	5350N	E4550	MMC/DM	Soil-B	Grab	50	GYBR	AM	15
1898	YC72447	533317.45	6845447.63	5350N	E4525	MMC/DM	Soil-B	Grab	40	BR	AM	5
1899	YC72447	533302.27	6845432.65	5350N	E4500	MMC/DM	Soil-B	Grab	30	BR	AM	15
1900	YC72447	533295.48	6845415.76	5350N	E4475	MMC/DM	Soil-B	Grab	30	GYBR	AM	10
1901	YC89528	533274.21	6845387.05	5350N	E4450	MMC/DM	Soil-B	Grab	40	BR	AM	10
1902	YC89528	533260.22	6845374.32	5350N	E4425	MMC/DM	Soil-B	Grab	50	BR	AM	10
1903	YC89528	533243.63	6845354.16	5350N	E4400	MMC/DM	Soil-B	Grab	30	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1904	YC89528	533229	6845330	5350N	E4375	MMC/DM	Soil-B	Grab	40	BR	AM	5
1905	YC89528	533212.29	6845314.13	5350N	E4350	MMC/DM	Soil-TF	Grab	40	GRY	B	5
1906	YC89528	533196.79	6845299.49	5350N	E4325	MMC/DM	Soil-B	Grab	30	BR	B	10
1907	YC89528	533182.29	6845276.57	5350N	E4300	MMC/DM	Soil-B	Grab	40	GYBR	B	15
1908	YC89528	533167.99	6845255.49	5350N	E4275	MMC/DM	Soil-B	Grab	40	GYBR	B	10
1909	YC89528	533148.68	6845236.91	5350N	E4250	MMC/DM	Soil-B	Grab	40	BR	AM	5
1910	YC89528	533134.33	6845214.18	5350N	E4225	MMC/DM	Soil-B	Grab	40	BR	AM	10
1911	YC89528	533120.32	6845195.18	5350N	E4200	MMC/DM	Soil-B	Grab	20	BR	AM	5
1912	YC89528	533106.52	6845175.26	5350N	E4175	MMC/DM	Soil-TF	Grab	30	GRY	AM	15
1913	YC89528	533087.29	6845157.28	5350N	E4150	MMC/DM	Soil-TF	Grab	30	GRY	AM	5
1914	YC89528	533072.42	6845137.25	5350N	E4125	MMC/DM	Soil-TF	Grab	30	GRY	AM	5
1915	YC89528	533053.63	6845118.33	5350N	E4100	MMC/DM	Soil-TF	Grab	30	GRY	AM	5
1916	YC72447	533113.77	6845672.52	5650N	E4575	MMC/JM	Soil-B	Grab	30	BR	AM	5
1917	YC72447	533098.08	6845655.93	5650N	E4550	MMC/JM	Soil-B	Grab	40	BR	AM	5
1918	YC73856	533081.38	6845636.88	5650N	E4525	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1919	YC73856	533066.58	6845613.2	5650N	E4500	MMC/JM	Soil-B	Grab	40	BR	AM	5
1920	YC73856	533053.24	6845594.8	5650N	E4475	MMC/JM	Soil-B	Grab	50	BR	AM	5
1921	YC73856	533037.96	6845575.24	5650N	E4450	MMC/JM	Soil-B	Grab	50	BR	AM	10
1922	YC89530	533021.21	6845556.85	5650N	E4425	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1923	YC89530	533006.5	6845537.08	5650N	E4400	MMC/JM	Soil-B	Grab	40	GYBR	B	15
1924	YC89530	532989.3	6845521.2	5650N	E4375	MMC/JM	Soil-B	Grab	60	GYBR	B	10
1925	YC89530	532970.65	6845496.78	5650N	E4350	MMC/JM	Soil-B	Grab	50	GYBR	B	15
1926	YC89530	532956.35	6845478.87	5650N	E4325	MMC/JM	Soil-B	Grab	70	GYBR	B	5
1927	YC89530	532945	6845457.16	5650N	E4300	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1928	YC89530	532930.63	6845437.66	5650N	E4275	MMC/JM	Soil-B	Grab	50	GYBR	B	5
1929	YC89530	532914.65	6845418.27	5650N	E4250	MMC/JM	Soil-B	Grab	70	GYBR	B	20
1930	YC89530	532898.92	6845399.93	5650N	E4225	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1931	YC89530	532882.54	6845382	5650N	E4200	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1932	YC89530	532868.12	6845358.46	5650N	E4175	MMC/JM	Soil-B	Grab	40	BR	B	5
1933	YC89530	532852.18	6845338.94	5650N	E4150	MMC/JM	Soil-B	Grab	30	BR	B	5
1934	YC89530	532836.55	6845320.16	5650N	E4125	MMC/JM	Soil-B	Grab	30	BR	B	5
1935	YC89530	532822.6	6845296.32	5650N	E4100	MMC/JM	Soil-B	Grab	40	BR	B	5
1936	YC89528	532895.86	6845237.1	5550N	E4100	MMC/JM	Soil-B	Grab	40	BR	B	0
1937	YC89528	532911.25	6845257.13	5550N	E4125	MMC/JM	Soil-B	Grab	40	GYBR	B	10
1938	YC89528	532927.6	6845277.04	5550N	E4150	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1939	YC89528	532941.89	6845300.59	5550N	E4175	MMC/JM	Soil-TF	Grab	30	GRY	B	0
1940	YC89528	532956.71	6845317.8	5550N	E4200	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1941	YC89528	532973.74	6845334.68	5550N	E4225	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1942	YC89528	532990.97	6845354.69	5550N	E4250	MMC/JM	Soil-B	Grab	50	GYBR	B	15
1943	YC89528	533008.96	6845374.67	5550N	E4275	MMC/JM	Soil-B	Grab	40	GYBR	B	15
1944	YC89528	533021.71	6845394.73	5550N	E4300	MMC/JM	Soil-B	Grab	40	GYBR	B	10
1945	YC89528	533034.85	6845413.01	5550N	E4325	MMC/JM	Soil-B	Grab	40	BR	B	5
1946	YC89528	533049.23	6845434.18	5550N	E4350	MMC/JM	Soil-B	Grab	40	BR	B	10
1947	YC89528	533064.97	6845454.2	5550N	E4375	MMC/JM	Soil-B	Grab	40	BR	B	5
1948	YC89528	533083.75	6845473.57	5550N	E4400	MMC/JM	Soil-B	Grab	25	BR	B	10
1949	YC89528	533101.24	6845495.76	5550N	E4425	MMC/JM	Soil-B	Grab	50	GYBR	B	5
1950	YC89528	533115.53	6845511.61	5550N	E4450	MMC/JM	Soil-B	Grab	70	GYBR	B	5
1952	YC72447	533128.43	6845531.23	5550N	E4475	MMC/JM	Soil-B	Grab				
1953	YC72447	533141.38	6845551.93	5550N	E4500	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1954	YC72447	533160.18	6845569.95	5550N	E4525	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1955	YC72447	533252.13	6845531.82	5450N	E4550	MMC/JM	Soil-B	Grab	20	BR	B	10
1956	YC72447	533241.31	6845512.67	5450N	E4525	MMC/JM	Soil-B	Grab	30	BR	B	10
1957	YC72447	533224.42	6845495.12	5450N	E4500	MMC/JM	Soil-B	Grab	30	BR	B	10
1958	YC72447	533210.83	6845473.65	5450N	E4475	MMC/JM	Soil-B	Grab	30	BR	B	10
1959	YC89528	533192.61	6845455.77	5450N	E4450	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1960	YC89528	533177.83	6845431.25	5450N	E4425	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1961	YC89528	533158.29	6845411.32	5450N	E4400	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1962	YC89528	533147.74	6845391.25	5450N	E4375	MMC/JM	Soil-B	Grab	50	GYBR	B	5
1963	YC89528	533134.11	6845376.56	5450N	E4350	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1964	YC89528	533119.32	6845351.63	5450N	E4325	MMC/JM	Soil-B	Grab	30	BR	B	5
1965	YC89528	533103.34	6845335.61	5450N	E4300	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1966	YC89528	533083.9	6845317.48	5450N	E4275	MMC/JM	Soil-B	Grab	40	GYBR	B	0
1967	YC89528	533068.99	6845297.59	5450N	E4250	MMC/JM	Soil-B	Grab	50	BR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
1968	YC89528	533056.53	6845276.87	5450N	E4225	MMC/JM	Soil-B	Grab	50	GYBR	B	5
1969	YC89528	533039.94	6845255.38	5450N	E4200	MMC/JM	Soil-TF	Grab	20	GRY	B	5
1970	YC89528	533024.49	6845233.83	5450N	E4175	MMC/JM	Soil-TF	Grab	20	GRY	B	10
1971	YC89528	533008.31	6845216.55	5450N	E4150	MMC/JM	Soil-TF	Grab	30	GRY	B	5
1972	YC89528	532992.55	6845197.64	5450N	E4125	MMC/JM	Soil-TF	Grab	30	GRY	B	5
1973	YC89528	532978.35	6845178.96	5450N	E4100	MMC/JM	Soil-C	Grab	40	GRY	B	5
1974	YC72447	533453.03	6845542.46	53N	E4675	MMC/JM	Soil-B	Grab			AM	
1975	YC72447	533435.4	6845522.99	53N	E4650	MMC/JM	Soil-B	Grab			AM	
1976	YC72447	533421.98	6845503.42	53N	E4625	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
1977	YC72447	533405.51	6845481.98	53N	E4600	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1978	YC72447	533391.16	6845463.09	53N	E4575	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
1979	YC72447	533374.44	6845439.43	53N	E4550	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1980	YC72447	533361.02	6845423.02	53N	E4525	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1981	YC72447	533345.43	6845403.92	53N	E4500	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
1982	YC72447	533329.86	6845384.73	53N	E4475	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
1983	YC89528	533315.05	6845364.9	53N	E4450	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1984	YC89528	533300.77	6845343.13	53N	E4425	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1985	YC89528	533282.4	6845327.47	53N	E4400	MMC/JM	Soil-B	Grab	40	BR	B	5
1986	YC89528	533266.88	6845304.6	53N	E4375	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1987	YC89528	533251.18	6845286.26	53N	E4350	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1988	YC89528	533238.48	6845264.8	53N	E4325	MMC/JM	Soil-B	Grab	30	GYBR	B	5
1989	YC89528	533222.91	6845246.31	53N	E4300	MMC/JM	Soil-B	Grab	40	GYBR	B	15
1990	YC89528	533207.8	6845226.79	53N	E4275	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1991	YC89528	533190.11	6845207.09	53N	E4250	MMC/JM	Soil-B	Grab	40	GYBR	B	5
1992	YC89528	533176.06	6845187.49	53N	E4225	MMC/JM	Soil-B	Grab	40	GYBR	AM	10
1993	YC89528	533160.32	6845166.56	53N	E4200	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1994	YC89528	533145.43	6845149.01	53N	E4175	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1995	YC89528	533130.68	6845129.01	53N	E4150	MMC/JM	Soil-B	Grab	60	GYBR	AM	15
1996	YC89528	533115.23	6845107.35	53N	E4125	MMC/JM	Soil-B	Grab	40	GYBR	AM	5
1997	YC89528	533098.55	6845088.15	53N	E4100	MMC/JM	Soil-TF	Grab	30	GRY	AM	0
1998	YC89528	533084.94	6845069.29	53N	E4075	MMC/JM	Soil-TF	Grab	40	GRY	AM	5
1999	YC89528	533066.58	6845048.25	53N	E4050	MMC/JM	Soil-B	Grab	15	GYBR	AM	10
2000	YC89528	533053.36	6845028.48	53N	E4025	MMC/JM	Soil-B	Grab	30	BR	AM	15
2052	YD10913	533493	6842996	37N	2700E		Soil-B	Grab	50	GYBR	BF	0
2053	YD10913	533480	6842975	37N	2675E		Soil-B	Grab	40	GYBR	BF	5
2054	YD10913	533547	6842765	37N	2650E		Soil-B	Grab	40	OBR	BF	0
2077	YD18938	533250	6843163	40N	2675E		Soil-B	Grab	50	GYBR	BF	60
2078	YD18938	533227	6843156	40N	2650E		Soil-B	Grab	70	GY	BF	20
2079	YD18938	533213	6843111	40N	2625E		Soil-B	Grab	60	GY	BF	20
2080	YD18938	533193	6843100	40N	2600E		Soil-B	Grab	40	GYBR	BF	20
2081	YD18938	533192	6843091	40N	2575E		Soil-B	Grab	50	BR	BF	10
2096	YD18938	533201	6842945	39N	2475E		Soil-B	Grab	80	ROBR	BF	0
2097	YD18938	533185	6842925	39N	2450E		Soil-C	Grab	70	OBR	BF	0
2098	YD18938	533170	6842906	39N	2425E		Soil-B	Grab	60	OBR	BF	0
2099	YD18938	533155	6842886	39N	2400E		Soil-B	Grab	60	BR	BF	0
2100	YD18938	533139	6842866	39N	2375E		Soil-B	Grab	50	BR	BF	0
2101	YD18938	533124	6842846	39N	2350E		Soil-B	Grab	60	BR	BF	0
2102	YD18938	533108	6842827	39N	2325E		Soil-B	Grab	60	OBR	BF	0
2103	YD18938	533093	6842807	39N	2300E		Soil-B	Grab	70	GYBR	BF	0
2104	YD18938	533078	6842787	39N	2275E		Soil-B	Grab	70	ROBR	BF	0
2105	YD18938	533062	6842768	39N	2250E		Soil-B	Grab	70	GYBR	BF	0
2106	YD18939	533047	6842748	39N	2225E		Soil-B	Grab	60	GYBR	BF	5
2107	YD18939	533031	6842728	39N	2200E		Soil-B	Grab	60	GYBR	BF	0
2108	YD18939	533016	6842709	39N	2175E		Soil-B	Grab	60	BR	BF	0
2109	YD18939	533001	6842689	39N	2150E		Soil-B	Grab	70	GYBR	BF	0
2110	YD18939	532986	6842669	39N	2125E		Soil-B	Grab	70	GYBR	BF	0
2111	YD18939	532970	6842649	39N	2100E		Soil-B	Grab	70	T	BF	0
2112	YD18939	532954	6842630	39N	2075E		Soil-B	Grab	70	T	BF	0
2113	YD18939	532939	6842610	39N	2050E		Soil-B	Grab	70	GYBR	BF	0
2114	YD07122	533883	6843332	36N	3200E		Soil-B	Grab	50	BR	BF	0
2115	YD07122	533869	6843313	36N	3175E		Soil-B	Grab	50	GYBR	BF	0
2116	YD07121	533853	6843292	36N	3150E		Soil-B	Grab	50	OBR	BF	0
2117	YD07121	533838	6843272	36N	3125E		Soil-B	Grab	50	BR	BF	0

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2118	YD07121	533822	6843253	36N	3100E		Soil-B	Grab	30	GY	BF	0
2119	YD07121	533806	6843233	36N	3075E		Soil-B	Grab	50	ROBR	BF	0
2120	YD07121	533791	6843213	36N	3050E		Soil-B	Grab	30	BR	BF	10
2121	YD07121	533776	6843194	36N	3025E		Soil-B	Grab	40	ROBR	BF	0
2122	YD07121	533761	6843174	36N	3000E		Soil-B	Grab	40	W	BF	0
2123	YD07121	533745	6843154	36N	2975E		Soil-B	Grab	50	GYBR	BF	0
2124	YD07121	533730	6843135	36N	2950E		Soil-B	Grab	50	GYBR	BF	0
2125	YD07121	533714	6843115	36N	2925E		Soil-B	Grab	50	BR	BF	0
2126	YD07121	533699	6843095	36N	2900E		Soil-B	Grab	50	BR	BF	0
2127	YD07121	533684	6843075	36N	2875E		Soil-B	Grab	60	BR	BF	0
2128	YD07121	533668	6843056	36N	2850E		Soil-B	Grab	30	BR	BF	10
2129	YD07121	533668	6843056	36N	2825E		Soil-B	Grab	30	BR	BF	0
2130	YD07121	533653	6843036	36N	2800E		Soil-B	Grab	30	BR	BF	0
2131	YD07121	533637	6843016	36N	2775E		Soil-B	Grab	40	BR	BF	0
2132	YD07121	533622	6842997	36N	2750E		Soil-B	Grab	40	GYBR	BF	0
2133	YD07121	533607	6842977	36N	2725E		Soil-B	Grab	40	BR	BF	0
2134	YD10913	533576	6842938	36N	2700E		Soil-B	Grab	30	W	BF	0
2136	YD10913	533560	6842917	36N	2675E		Soil-B	Grab	50	BR	BF	0
2137	YD10913	533545	6842899	36N	2650E		Soil-B	Grab	50	BR	BF	0
2138	YD10913	533530	6842878	36N	2625E		Soil-B	Grab	50	OBR	BF	0
2139	YD10913	533514	6842859	36N	2600E		Soil-B	Grab	60	T	BF	0
2140	YD10913	533499	6842839	36N	2575E		Soil-B	Grab	60	ROBR	BF	10
2141	YD10913	533483	6842819	36N	2550E		Soil-B	Grab	60	T	BF	0
2142	YD10913	533468	6842800	36N	2525E		Soil-B	Grab	60	ROBR	BF	0
2143	YD10913	533453	6842780	36N	2500E		Soil-B	Grab	60	OBR	BF	0
2144	YD10913	533438	6842760	36N	2475E		Soil-B	Grab	60	BR	BF	0
2145	YD10913	533422	6842741	36N	2450E		Soil-B	Grab	90	GYBR	BF	0
2146	YD10913	533406	6842721	36N	2425E		Soil-B	Grab	60	T	BF	10
2147	YD10913	533391	6842701	36N	2400E		Soil-B	Grab	60	T	BF	10
2148	YD10913	533376	6842681	36N	2375E		Soil-B	Grab	60	T	BF	10
2149	YD10913	533361	6842662	36N	2350E		Soil-B	Grab	60	BR	BF	0
2150	YD10913	533345	6842642	36N	2325E		Soil-B	Grab	60	T	BF	0
2151	YD10913	533329	6842622	36N	2300E		Soil-B	Grab	60	T	BF	10
2152	YD10913	533314	6842603	36N	2275E		Soil-B	Grab	70	BR	BF	0
2153	YD10912	533299	6842583	36N	2250E		Soil-B	Grab	50	T	BF	0
2154	YD10912	533284	6842563	36N	2225E		Soil-B	Grab	60	GYBR	BF	0
2155	YD10912	533268	6842544	36N	2200E		Soil-B	Grab	60	T	BF	0
2156	YD10912	533253	6842524	36N	2175E		Soil-B	Grab	90	GYBR	BF	10
2157	YD10912	533237	6842504	36N	2150E		Soil-B	Grab	60	BR	BF	10
2158	YD10912	533221	6842484	36N	2125E		Soil-B	Grab	60	BR	BF	10
2159	YD10912	533207	6842465	36N	2100E		Soil-B	Grab	60	BR	BF	10
2160	YD10912	533191	6842445	36N	2075E		Soil-B	Grab	60	T	BF	10
2161	YD10912	533176	6842425	36N	2050E		Soil-B	Grab	60	T	BF	0
2162	YD10912	533160	6842406	36N	2025E		Soil-B	Grab	60	T	BF	0
2163	YD10912	533145	6842386	36N	2000E		Soil-B	Grab	60	ROBR	BF	0
2164	YD10912	533129	6842366	36N	1975E		Soil-B	Grab	60	T	BF	0
2165	YD10912	533114	6842347	36N	1950E		Soil-B	Grab	60	BR	BF	5
2166	YD18938	533168	6843066	40N	2550E		Soil-B	Grab	60	BR	BF	10
2167	YD18938	533133	6843046	40N	2525E		Soil-B	Grab	90	BR	BF	0
2168	YD18938	533138	6843026	40N	2500E		Soil-B	Grab	60	GY	BF	10
2169	YD18938	533122	6843007	40N	2475E		Soil-B	Grab	70	BR	BF	0
2170	YD18938	533107	6842987	40N	2450E		Soil-B	Grab	60	GYBR	BF	0
2171	YD18938	533091	6842967	40N	2425E		Soil-B	Grab	60	BR	BF	0
2172	YD18938	533076	6842948	40N	2400E		Soil-B	Grab	60	BR	BF	10
2173	YD18938	533060	6842928	40N	2375E		Soil-B	Grab	60	GYBR	BF	0
2174	YD18938	533045	6842908	40N	2350E		Soil-B	Grab	60	BR	BF	10
2175	YD18938	533030	6842888	40N	2325E		Soil-B	Grab	60	GYBR	BF	10
2176	YD18938	533014	6842869	40N	2300E		Soil-B	Grab	60	BR	BF	10
2177	YD18938	532999	6842849	40N	2275E		Soil-B	Grab	60	OBR	BF	10
2178	YD18938	532983	6842829	40N	2250E		Soil-B	Grab	60	T	BF	0
2179	YD18939	532968	6842810	40N	2225E		Soil-B	Grab	60	BR	BF	0
2180	YD18939	532953	6842790	40N	2200E		Soil-B	Grab	60	ROBR	BF	0
2181	YD18939	532937	6842770	40N	2175E		Soil-B	Grab	60	OBR	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2182	YD18939	532922	6842751	40N	2150E		Soil-B	Grab	30	ROBR	BF	0
2183	YD18939	532906	6842731	40N	2125E		Soil-B	Grab	50	T	BF	0
2184	YD18939	532891	6842711	40N	2100E		Soil-B	Grab	40	BR	BF	10
2185	YD18939	532876	6842691	40N	2075E		Soil-B	Grab	60	GYBR	BF	10
2186	YD18939	532861	6842672	40N	2050E		Soil-B	Grab	50	BR	BF	10
2187	YD18939	532845	6842652	40N	2025E		Soil-B	Grab	50	BR	BF	0
2188	YD18939	532829	6842632	40N	2000E		Soil-B	Grab	60	T	BF	0
2189	YD18939	532814	6842613	40N	1975E		Soil-B	Grab	60	T	BF	0
2190	YD18939	532799	6842593	40N	1950E		Soil-B	Grab	50	T	BF	0
2191	YD18939	532784	6842573	40N	1925E		Soil-B	Grab	40	ROBR	BF	0
2192	YD18939	532768	6842554	40N	1900E		Soil-B	Grab	50	T	BF	0
2193	YD18939	532759	6842534	40N	1875E		Soil-B	Grab	50	OBR	BF	0
2194	YD18939	532737	6842514	40N	1850E		Soil-B	Grab	60	BR	BF	0
2195	YD07122	533851	6843452	37N	3275E		Soil-B	Grab	0	BR	B	0
2196	YD07122	533866	6843472	37N	3300E		Soil-B	Grab	0	GYBR	B	0
2197	YD07122	533882	6843492	37N	3325E		Soil-B	Grab	0	GYBR	B	0
2198	YD07122	533897	6843512	37N	3350E		Soil-B	Grab	0	GYBR	B	0
2199	YD07122	533912	6843531	37N	3375E		Soil-B	Grab	0	BR	B	10
2200	YD07122	533928	6843551	37N	3400E		Soil-B	Grab	10	BR	B	0
2201	YD07122	533943	6843571	37N	3425E		Soil-B	Grab	0	BR	B	0
2202	YD07122	533959	6843590	37N	3450E		Soil-B	Grab	0	T	B	0
2203	YD07122	533974	6843610	37N	3475E		Soil-B	Grab	0	T	B	0
2204	YD07122	533989	6843630	37N	3500E		Soil-B	Grab	0	BR	B	0
2205	YD07122	534005	6843649	37N	3525E		Soil-B	Grab	0	ROBR	B	0
2206	YD07122	534020	6843669	37N	3550E		Soil-B	Grab	10	BR	B	0
2207	YD07122	534036	6843689	37N	3575E		Soil-B	Grab	0	ROBR	B	0
2208	YD07122	534051	6843708	37N	3600E		Soil-B	Grab	0	BR	B	0
2209	YC72726	534066	6843728	37N	3625E		Soil-B	Grab	0	ROBR	B	0
2210	YC72726	534082	6843748	37N	3650E		Soil-B	Grab	0	ROBR	B	0
2211	YC72726	534097	6843768	37N	3675E		Soil-B	Grab	10	ROBR	B	0
2212	YC72726	534113	6843787	37N	3700E		Soil-B	Grab	0	T	B	0
2213	YC72726	534128	6843807	37N	3725E		Soil-B	Grab	0	T	B	0
2214	YC72726	534143	6843827	37N	3750E		Soil-B	Grab	0	T	B	0
2215	YC72726	534159	6843846	37N	3775E		Soil-B	Grab	0	T	B	0
2216	YC72726	534174	6843866	37N	3800E		Soil-B	Grab	10	BR	BF	0
2217	YC72726	534190	6843886	37N	3825E		Soil-B	Grab	0	BR	BF	0
2218	YC72726	534205	6843905	37N	3850E		Soil-B	Grab	10	BR	BF	0
2219	YC72726	534220	6843925	37N	3875E		Soil-B	Grab	0	BR	BF	0
2220	YC72726	534236	6843945	37N	3900E		Soil-B	Grab	10	BR	BF	0
2221	YC72726	534251	6843965	37N	3925E		Soil-B	Grab	0	BR	BF	0
2222	YC72726	534267	6843984	37N	3950E		Soil-B	Grab	10	GY	BF	0
2223	YC72726	534282	6844004	37N	3975E		Soil-B	Grab	10	GYBR	BF	10
2501	YC73858	532795.45	6846080.55	6150N	4700E	AH/NG	Soil-B	Grab	10	BR	AM	10
2502	YC73858	532781.78	6846060.49	6150N	4675E	AH/NG	Soil-B	Grab	10	T	AM	15
2503	YC73858	532766.56	6846041.91	6150N	4650E	AH/NG	Soil-B	Grab	30	GY	AM	15
2504	YC73858	532749.04	6846024.76	6150N	4625E	AH/NG	Soil-B	Grab	20	BR	AM	15
2505	YC73858	532728.57	6846003.22	6150N	4600E	AH/NG	Soil-B	Grab	30	BR	AM	10
2506	YC73858	532716.41	6845983.94	6150N	4575E	AH/NG	Soil-B	Grab	20	BR	AM	20
2507	YC73858	532700.88	6845961.81	6150N	4550E	AH/NG	Soil-B	Grab	40	BR	AM	10
2508	YC73858	532686.78	6845943.86	6150N	4525E	AH/NG	Soil-B	Grab	30	BR	AM	10
2509	YC73858	532671.25	6845923.52	6150N	4500E	AH/NG	Soil-B	Grab	20	BR	AM	15
2510	YC73858	532656.07	6845906.3	6150N	4475E	AH/NG	Soil-B	Grab	20	BR	AM	20
2511	YC73858	532643.36	6845885.28	6150N	4450E	AH/NG	Soil-B	Grab	20	GY	AM	10
2512	YD07126	533350.48	6843783.47	43N	3225E	NG/RG	Soil-B	Grab	40	ROBR	BF	5
2513	YD07126	533321.7	6843753.23	43N	3175E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2514	YD07126	533303.61	6843725.96	43N	3150E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2515	YD07126	533287.11	6843712.13	43N	3125E	NG/RG	Soil-B	Grab	40	GYBR	BF	10
2516	YD07125	533271.6	6843684.32	43N	3100E	NG/RG	Soil-B	Grab	40	BR	BF	5
2517	YD07125	533260.1	6843668.6	43N	3075E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2518	YD07125	533242.16	6843645.11	43N	3050E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2519	YD07125	533222.18	6843626.7	43N	3025E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2520	YD07125	533192.23	6843586.57	43N	2975E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2521	YD07125	533177.88	6843567.38	43N	2950E	NG/RG	Soil-B	Grab	40	GYBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2522	YD07125	533163.33	6843549	43N	2925E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2523	YD07125	533149.07	6843527.33	43N	2900E	NG/RG	Soil-B	Grab	30	GYBR	BF	5
2524	YD07125	533133.64	6843508.29	43N	2875E	NG/RG	Soil-B	Grab	40	GYBR	BF	0
2525	YD07125	533118.89	6843486.49	43N	2850E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2526	YD07125	533101.11	6843467.58	43N	2825E	NG/RG	Soil-B	Grab	50	GYBR	BF	10
2527	YD07125	533088.79	6843448.59	43N	2800E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2528	YD07125	533090.7	6843453.75	43N	2775E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2529	YD07125	533072.78	6843429.92	43N	2725E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2530	YD07125	533037.2	6843391.65	43N	2700E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2531	YD07125	533026.19	6843370.3	43N	2675E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2532	YD07125	533011.28	6843350.07	43N	2650E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2533	YD18936	532994.05	6843331.48	43N	2625E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2534	YD18936	532981.04	6843312.28	43N	2600E	NG/RG	Soil-B	Grab	40	GYBR	BF	5
2535	YD18936	532961.56	6843294.5	43N	2575E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2536	YD18936	532943.93	6843269.92	43N	2550E	NG/RG	Soil-B	Grab	60	GYBR	BF	5
2537	YD18936	532932.83	6843255.23	43N	2525E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2538	YD18936	532914.96	6843230.15	43N	2500E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2539	YD18936	532900.36	6843214.83	43N	2475E	NG/RG	Soil-B	Grab	50	GYBR	BF	5
2540	YD18936	532886.7	6843191.67	43N	2450E	NG/RG	Soil-B	Grab	50	GYBR	BF	0
2541	YD18936	532871.17	6843174.71	43N	2425E	NG/RG	Soil-B	Grab	50	GYBR	BF	0
2542	YD18936	532853.91	6843153.2	43N	2400E	NG/RG	Soil-B	Grab	50	GYBR	BF	0
2543	YD18936	532839.74	6843123.45	43N	2375E	NG/RG	Soil-B	Grab	50	GYBR	BF	0
2544	YD07124	533428.5	6843725.49	42N	3225E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2545	YD07124	533407.71	6843710.6	42N	3200E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2546	YD07124	533394.72	6843680.03	42N	3175E	MM/RG	Soil-B	Grab	40	T	BF	5
2547	YD07124	533381.83	6843656.92	42N	3150E	MM/RG	Soil-B	Grab	40	T	BF	5
2548	YD07123	533359.42	6843645.79	42N	3125E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2549	YD07123	533347.54	6843623.66	42N	3100E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2550	YD07123	533338.78	6843609.54	42N	3075E	MM/RG	Soil-B	Grab	40	T	BF	5
2551	YD07123	533314.23	6843585.74	42N	3050E	MM/RG	Soil-B	Grab	40	OBR	BF	5
2552	YD07123	533304.16	6843568.68	42N	3025E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2553	YD07123	533287.37	6843546.96	42N	3000E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2554	YD07123	533276.69	6843527.59	42N	2975E	MM/RG	Soil-B	Grab	40	ROBR	BF	5
2555	YD07125	533251.61	6843507.26	42N	2950E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2556	YD07125	533238.57	6843486.88	42N	2925E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2557	YD07125	533228.02	6843472.39	42N	2900E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2558	YD07125	533204.6	6843448.11	42N	2875E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2559	YD07125	533195.92	6843431.1	42N	2850E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2560	YD07125	533175.87	6843405.32	42N	2825E	MM/RG	Soil-B	Grab	40	GYBR	BF	15
2561	YD07125	533158.76	6843389.36	42N	2800E	MM/RG	Soil-B	Grab	40	GYBR	BF	20
2562	YD07125	533144.72	6843371.8	42N	2775E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2563	YD07125	533126.25	6843344.1	42N	2750E	MM/RG	Soil-B	Grab	50	GYBR	BF	10
2564	YD07125	533112.67	6843322	42N	2725E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2565	YD07125	533104.08	6843301.98	42N	2700E	MM/RG	Soil-B	Grab	50	GYBR	BF	5
2566	YD07125	533085.58	6843295.43	42N	2675E	MM/RG	Soil-B	Grab	50	GYBR	BF	5
2567	YD18936	533077.49	6843263.12	42N	2650E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2568	YD18936	533058.69	6843252.96	42N	2625E	MM/RG	Soil-B	Grab	40	GYBR	BF	25
2569	YD18936	533040.89	6843231.53	42N	2600E	MM/RG	Soil-B	Grab	40	GYBR	BF	15
2570	YD18936	533019.42	6843207.19	42N	2575E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2571	YD18936	533005.98	6843191.64	42N	2550E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2573	YD18936	532990.57	6843152.35	42N	2525E	MM/RG	Soil-B	Grab	70	n	BF	50
2574	YD18936	532941.93	6843117.68	42N	2500E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2575	YD18936	532929.82	6843095.81	42N	2450E	MM/RG	Soil-A	Grab	60	n	BF	50
2576	YD18936	532914.98	6843066.3	42N	2425E	MM/RG	Soil-A	Grab	40	GYBR	BF	5
2577	YD18936	532905.3	6843053.65	42N	2400E	MM/RG	Soil-B	Grab	80	GYBR	BF	2
2578	YD18936	532880.72	6843028.34	42N	2375E	MM/RG	Soil-B	Grab	50	GYBR	BF	0
2579	YD18936	532867.44	6843013.82	42N	2350E	MM/RG	Soil-B	Grab	50	OBR	BF	0
2580	YD18936	532852.92	6842991.72	42N	2325E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2581	YD18936	532834.01	6842970	42N	2300E	MM/RG	Soil-B	Grab	50	OBR	BF	5
2582	YD18936	532825.07	6842953.4	42N	2275E	MM/RG	Soil-B	Grab	40	OBR	BF	5
2583	YD18936	532809.63	6842930.5	42N	2250E	MM/RG	Soil-B	Grab	40	OBR	BF	0
2584	YD18937	532793.37	6842913.58	42N	2225E	MM/RG	Soil-B	Grab	25	GYBR	BF	5
2585	YD18937	532778.97	6842895.37	42N	2200E	MM/RG	Soil-B	Grab	40	OBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2586	YD18937	532760.89	6842876.92	42N	2175E	MM/RG	Soil-B	Grab	50	OBR	BF	5
2587	YD18937	532747.61	6842851.06	42N	2150E	MM/RG	Soil-B	Grab	50	GYBR	BF	10
2588	YD18937	532722.51	6842815.08	42N	2125E	MM/RG	Soil-B	Grab	40	OBR	BF	5
2589	YD18937	532701.7	6842796.39	42N	2075E	MM/RG	Soil-B	Grab	60	ROBR	BF	5
2590	YD18937	532688.14	6842777.39	42N	2050E	MM/RG	Soil-B	Grab	80	OBR	BF	35
2591	YD18937	532674.01	6842756.25	42N	2025E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2592	YD18937	532655.73	6842737	42N	2000E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2593	YD18937	532637.86	6842718.02	42N	1975E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2594	YD18937	532624.3	6842696.97	42N	1950E	MM/RG	Soil-B	Grab	50	GYBR	BF	35
2595	YD18937	532614.37	6842675.16	42N	1925E	MM/RG	Soil-B	Grab	60	GYBR	BF	5
2596	YD18937	532599.72	6842658.23	42N	1900E	MM/RG	Soil-B	Grab	50	GYBR	BF	5
2597	YD18937	532578.35	6842636.29	42N	1875E	MM/RG	Soil-B	Grab	40	GYBR	BF	10
2598	YD18937	532568.58	6842618.27	42N	1850E	MM/RG	Soil-B	Grab	50	GYBR	BF	15
2600	YD07126	533174.29	6843886.97	45N	3200E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2601	YD07126	533193	6843901	45N	3225E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2602	YD07126	533160.19	6843869.17	45N	3175E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2603	YD07126	533145.47	6843848.53	45N	3150E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2604	YD07126	533124.44	6843833.31	45N	3125E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2605	YD07125	533112.81	6843808.17	45N	3100E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2606	YD07125	533096.43	6843787.86	45N	3075E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2607	YD07125	533079.15	6843769.17	45N	3050E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2608	YD07125	533067.58	6843746.61	45N	3025E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2609	YD07125	533051.26	6843730.71	45N	3000E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2610	YD07125	533038.32	6843709.88	45N	2975E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2611	YD07125	533020.59	6843689.46	45N	2950E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2612	YD07125	533007.36	6843666.25	45N	2925E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2613	YD07125	532989.12	6843655.78	45N	2900E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2614	YD07125	532976.33	6843633.47	45N	2875E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2615	YD07125	532963.31	6843615.34	45N	2850E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2616	YD07125	532939.76	6843591.9	45N	2825E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2617	YD07125	532925.7	6843571.71	45N	2800E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2618	YD07125	532908.26	6843557.88	45N	2775E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2619	YD07125	532891.08	6843530.96	45N	2750E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2620	YD07125	532881.84	6843514.87	45N	2725E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2621	YD07125	532863.13	6843494.53	45N	2700E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2622	YD07125	532853.11	6843473.66	45N	2675E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2623	YD18936	532840.62	6843443.82	45N	2650E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2624	YD18936	532819.99	6843425.29	45N	2625E	MM/RG	Soil-B	Grab	40	GYBR	BF	0
2625	YD18936	532803.96	6843412.36	45N	2600E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2626	YD18936	532790.46	6843397.46	45N	2575E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2627	YD18936	532781.73	6843377.91	45N	2550E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2628	YD18936	532750.53	6843354.65	45N	2525E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2629	YD18936	532681.67	6843256.06	45N	2500E	MM/RG	Soil-B	Grab	40	T	BF	0
2630	YD18936	532654.27	6843215.06	45N	2475E	MM/RG	Soil-B	Grab	30	T	BF	0
2631	YD18936	532592.93	6843135.08	45N	2450E	MM/RG	Soil-B	Grab	40	GYBR	BF	20
2632	YD18936	532574.97	6843122.82	45N	2425E	MM/RG	Soil-B	Grab	40	OBR	BF	0
2633	YD18937	532556.18	6843099.61	45N	2400E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2634	YD18937	532546.6	6843082.2	45N	2350E	MM/RG	Soil-B	Grab	40	GYBR	BF	5
2635	YD18937	532530.01	6843059.11	45N	2250E	MM/RG	Soil-B	Grab	30	OBR	BF	0
2636	YD18937	532519.66	6843035	45N	2225E	MM/RG	Soil-B	Grab	30	OBR	BF	0
2637	YD18937	532501.95	6843016.17	45N	2200E	MM/RG	Soil-B	Grab	40	OBR	BF	0
2638	YD18937	532487.67	6842994.36	45N	2175E	MM/RG	Soil-B	Grab	40	OBR	BF	0
2639	YD18937	532462.12	6842980.42	45N	2150E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2640	YD18937	532446.75	6842963.68	45N	2125E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2641	YD18937	532424.03	6842936.49	45N	2100E	MM/RG	Soil-B	Grab	30	GYBR	BF	5
2642	YD18937	532394.87	6842906.28	45N	2075E	MM/RG	Soil-B	Grab	20	GYBR	BF	0
2643	YD18937	532388.9	6842878.03	45N	2050E	MM/RG	Soil-B	Grab	20	GYBR	BF	0
2644	YD18937	532360.45	6842844.8	45N	2025E	MM/RG	Soil-B	Grab	20	BR	BF	30
2645	YD18937	532352.24	6842826.71	45N	2000E	MM/RG	Soil-B	Grab	30	OBR	BF	0
2646	YD18937	532328.52	6842806.17	45N	1950E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2647	YD18937	532314.54	6842786.9	45N	1925E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2656	YD18936	532695.6	6843281.35	45N	1875E	MM/RG	Soil-B	Grab	30	GYBR	BF	0
2657	YD18936	532713.99	6843296.72	45N	1850E	MM/RG	Soil-B	Grab	30	GYBR	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2658	YD18936	532722.54	6843319	45N	1825E	MM/RG	Soil-B	Grab	30	GYBR	BF	15
2659	YD18936	532748.5	6843335.71	45N	1800E	MM/RG	Soil-B	Grab	30	GYBR	BF	15
2668	YD18937	532242.25	6842851.17	46N	1800E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2669	YD18937	532353.32	6843001.04	46N	2000E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2670	YD18937	532367.87	6843014.06	46N	2025E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2671	YD18937	532393.42	6843041.1	46N	2050E	RG/JI	Soil-B	Grab	40	ROBR	BF	5
2672	YD18937	532402.23	6843061.09	46N	2075E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2673	YD18937	532418.09	6843076.36	46N	2100E	RG/JI	Soil-B	Grab	40	ROBR	BF	5
2674	YD18937	532432.87	6843096.83	46N	2125E	RG/JI	Soil-B	Grab	50	OBR	BF	0
2675	YD18937	532461.94	6843140.92	46N	2175E	RG/JI	Soil-B	Grab	40	OBR	BF	5
2676	YD18936	532483.1	6843159.95	46N	2200E	RG/JI	Soil-B	Grab	40	OBR	BF	0
2677	YD18936	532497.31	6843178.54	46N	2225E	RG/JI	Soil-B	Grab	50	OBR	BF	5
2678	YD18936	532517.52	6843201.25	46N	2250E	RG/JI	Soil-B	Grab	40	OBR	BF	0
2679	YD18936	532529	6843215	46N	2275E	RG/JI	Soil-B	Grab	40	OBR	BF	0
2680	YD18936	532541.24	6843239.12	46N	2300E	RG/JI	Soil-B	Grab	40	OBR	BF	0
2681	YD18936	532554.64	6843261.36	46N	2325E	RG/JI	Soil-B	Grab	40	OBR	BF	5
2682	YD18936	532805.19	6843096.17	43N	2350E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2683	YD18936	532794.12	6843073.67	43N	2325E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2684	YD18936	532776.43	6843047.97	43N	2300E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2685	YD18936	532766.84	6843034.36	43N	2275E	RG/JI	Soil-B	Grab	40	OBR	BF	5
2686	YD18936	532747.79	6843010.42	43N	2250E	RG/JI	Soil-B	Grab	30	OBR	BF	5
2687	YD18936	532729	6842995.16	43N	2225E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2688	YD18937	532716.22	6842973.96	43N	2200E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2689	YD18937	532701.98	6842952	43N	2175E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2690	YD18937	532684.35	6842936.11	43N	2150E	RG/JI	Soil-B	Grab	50	OBR	BF	0
2691	YD18937	532655	6842895.16	43N	2100E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2692	YD18937	532636	6842874.16	43N	2075E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2693	YD18937	532622.77	6842850.2	43N	2050E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2694	YD18937	532614.63	6842842.37	43N	2025E	RG/JI	Soil-B	Grab	50	GYBR	BF	0
2695	YD18937	532592.08	6842818.39	43N	2000E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2696	YC73858	532774	6846130	62N	E4725	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2697	YC73858	532740	6846097	62N	E4675	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2698	YC73858	532712	6846051	62N	E4625	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2699	YC73858	532690	6846034	62N	E4600	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2700	YC73858	532651	6845974	62N	E4525	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2701	YC73858	532638	6845958	62N	E4500	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2702	YC73858	532605	6845917	62N	E4450	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2703	YC73858	532590	6845895	62N	E4425	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2704	YD29195	532574	6845876	62N	E4400	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2705	YD29195	532558	6845855	62N	E4375	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2706	YD29195	532538	6845837	62N	E4350	RG/JI	Soil-B	Grab	40	OBR	BF	5
2707	YD29195	532527	6845821	62N	E4325	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2708	YD29195	532514	6845801	62N	E4300	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2709	YD29195	532496	6845779	62N	E4275	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2710	YD29195	532478	6845758	62N	E4250	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2711	YD29195	532468	6845741	62N	E4225	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2712	YD29195	532431	6845698	62N	E4175	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2713	YD29195	532414	6845679	62N	E4150	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2714	YD29195	532403	6845664	62N	E4125	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2715	YD29195	532386	6845644	62N	E4100	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2716	YD29195	532375	6845626	62N	E4075	RG/JI	Soil-B	Grab	40	OBR	BF	5
2717	YD29195	532360	6845606	62N	E4050	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2718	YD29195	532346	6845583	62N	E4025	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2719	YD29195	532315	6845545	62N	E3975	RG/JI	Soil-B	Grab	30	OBR	BF	5
2720	YD24797	532291	6845522	62N	E3950	RG/JI	Soil-B	Grab	30	OBR	BF	0
2721	YD24797	532280	6845505	62N	E3925	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2722	YD24797	532268	6845486	62N	E3900	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2723	YD24797	532251	6845466	62N	E3875	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2724	YD24797	532238	6845448	62N	E3850	RG/JI	Soil-B	Grab	30	OBR	BF	5
2725	YD24797	532222	6845429	62N	E3825	RG/JI	Soil-B	Grab	30	OBR	BF	5
2726	YD24797	532207	6845407	62N	E3800	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2727	YD24797	532190	6845388	62N	E3775	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2728	YD24797	532160	6845347	62N	E3725	RG/JI	Soil-B	Grab	30	GYBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2729	YD24797	532144	6845330	62N	E3700	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2730	YD24797	532113	6845285	62N	E3650	RG/JI	Soil-B	Grab	30	OBR	BF	5
2731	YD24797	532102	6845267	62N	E3625	RG/JI	Soil-B	Grab	30	OBR	BF	5
2732	YD24797	532086	6845245	62N	E3600	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2733	YD24797	532060	6845225	62N	E3575	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2734	YD24797	532040	6845210	62N	E3550	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2735	YD24797	532033	6845188	62N	E3525	RG/JI	Soil-B	Grab	40	OBR	BF	5
2736		532019	6845164	62N	E3500	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2737	YC73856	532727.97	6845914.19	61N	E4550	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2739	YC73856	532713.27	6845893.96	61N	E4500	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2740	YC73856	532695.55	6845876.56	61N	E4475	RG/JI	Soil-B	Grab	30	GYBR	BF	5
2741	YC73856	532680.68	6845854.96	61N	E4450	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2742	YC73856	532669.16	6845837.86	61N	E4425	RG/JI	Soil-B	Grab	30	GYBR	BF	0
2743	YD29195	532652.21	6845818.32	61N	E4400	RG/JI	Soil-B	Grab	40	GYBR	BF	5
2744	YD29195	532636.82	6845797.29	61N	E4375	RG/JI	Soil-B	Grab	40	GYBR	BF	0
2745	YD29195	532621.56	6845778.57	61N	E4350	RG/JI	Soil-B	Grab	40	OBR	BF	0
2746	YD29195	532605.97	6845759.76	61N	E4350	RG/JI	Soil-B	Grab	30	OBR	BF	0
2748	YC89530	532671.32	6845516.78	59N	4175E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2749	YC89530	532655.23	6845495.74	59N	4150E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2750	YC89530	532643.39	6845476.39	59N	4125E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2751	YC89530	532624.93	6845456.8	59N	4100E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2752	YC89530	532610.19	6845438.86	59N	4075E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2753	YC89530	532594.69	6845417.42	59N	4050E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2754	YC89530	532578.64	6845401.09	59N	4025E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2755	YC89530	532564.99	6845378.19	59N	4000E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2756	YC89530	532548.48	6845362.24	59N	3975E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2757	YC89529	532533.94	6845340.38	59N	3950E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2758	YC89529	532516.45	6845320.4	59N	3925E	LM/JMc	Soil-B	Grab	50	GYBR	Bf	0
2759	YC89529	532502.61	6845300.64	59N	3900E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2760	YC89529	532489.25	6845279.35	59N	3875E	LM/JMc	Soil-B	Grab	50	GY	Bf	0
2761	YC89529	532473.82	6845260.55	59N	3850E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2762	YC89529	532455.49	6845239.27	59N	3825E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2763	YC89529	532443.32	6845218.58	59N	3800E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2764	YC89529	532424.6	6845201.97	59N	3775E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2765	YC89529	532412.32	6845181.81	59N	3750E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2766	YC73856	532935.62	6845692.88	58N	4475E	LM/JMc	Soil-B	Grab	10	BR	Bf	10
2767	YC73856	532917.97	6845670.17	58N	4450E	LM/JMc	Soil-B	Grab	35	BR	Bf	10
2768	YC89530	532907.58	6845648	58N	4425E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2769	YC89530	532890.35	6845631.5	58N	4400E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2770	YC89530	532875.41	6845613.05	58N	4375E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2771	YC89530	532860.78	6845594.68	58N	4350E	LM/JMc	Soil-B	Grab	25	GY	Bf	5
2772	YC89530	532841.17	6845576.17	58N	4325E	LM/JMc	Soil-B	Grab	25	GY	Bf	5
2773	YC89530	532829.38	6845553.86	58N	4300E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2774	YC89530	532814.67	6845537.06	58N	4275E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2775	YC89530	532798.39	6845513.68	58N	4250E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2776	YC89530	532783.66	6845494.08	58N	4225E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2777	YC89530	532767.94	6845476.7	58N	4200E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2778	YC89530	532749.53	6845457.51	58N	4175E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2779	YC89530	532740.97	6845432.77	58N	4150E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2780	YC89530	532722.04	6845416.22	58N	4125E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2781	YC89530	532707.26	6845400.48	58N	4100E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2782	YC89530	532689.63	6845373.91	58N	4075E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2783	YC89530	532672.46	6845357.25	58N	4050E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2784	YC89530	532657.19	6845334.31	58N	4025E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2785	YC89530	532644.59	6845317.89	58N	4000E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2786	YC89529	532629.63	6845291.94	58N	3975E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2787	YC89529	532616.76	6845275.47	58N	3950E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2788	YC89529	532595.74	6845260.57	58N	3925E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2789	YC89529	532578.12	6845238.77	58N	3900E	LM/JMc	Soil-B	Grab	50	GY	Bf	0
2790	YC89529	532565.43	6845219.2	58N	3875E	LM/JMc	Soil-B	Grab	45	GY	Bf	0
2791	YC89529	532555.81	6845194.87	58N	3850E	LM/JMc	Soil-B	Grab	20	GY	Bf	0
2792	YC89529	532534.97	6845180.64	58N	3825E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2793	YC89529	532522.55	6845158.36	58N	3800E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2794	YC89529	532392.26	6845155.61	59N	3725E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2795	YC89529	532376.28	6845142.33	59N	3700E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2796	YC89529	532360.32	6845120.98	59N	3675E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
2797	YC89529	532347.65	6845104.67	59N	3650E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2798	YC89529	532329.87	6845078.89	59N	3625E	LM/JMc	Soil-B	Grab	20	T	Bf	5
2799	YC89529	532317	6845064.31	59N	3600E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2800	YC89529	532303.25	6845044.45	59N	3575E	LM/JMc	Soil-B	Grab	25	GYBR	Bf	5
2801	YC89529	532283.96	6845022.73	59N	3550E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2802	YC89529	532273.97	6845001.29	59N	3525E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2803	YC89529	532256.89	6844986.17	59N	3500E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2804	YD10917	532239.64	6844957.15	59N	3475E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2805	YD10917	532226.66	6844941.66	59N	3450E	LM/JMc	Soil-B	Grab	50	GYBR	Bf	5
2806	YD10917	532207.74	6844926.95	59N	3425E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2807	YD10917	532198.92	6844904.69	59N	3400E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2808	YD10917	532180.67	6844886.85	59N	3375E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2809	YD10917	532163.45	6844863.18	59N	3350E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2810	YD10917	532152.53	6844845.36	59N	3325E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2811	YD10917	532133.53	6844827.22	59N	3300E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	5
2812	YD10917	532116.59	6844808.81	59N	3275E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
2813	YD10917	532105.29	6844790.93	59N	3250E	LM/JMc	Soil-B	Grab	20	GY	Bf	0
2814	YD10917	532088.82	6844768.42	59N	3225E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2815	YC89529	532503.94	6845137.16	58N	3775E	LM/JMc	Soil-B	Grab	20	BR	Bf	5
2816	YC89529	532487.12	6845120.89	58N	3750E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2817	YC89529	532471.46	6845100.58	58N	3725E	LM/JMc	Soil-B	Grab	25	BR	Bf	5
2818	YC89529	532460.85	6845079.4	58N	3700E	LM/JMc	Soil-B	Grab	25	BR	Bf	5
2819	YC89529	532440.16	6845058.3	58N	3675E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2820	YC89529	532430.96	6845044.85	58N	3650E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2821	YC89529	532412.51	6845019.1	58N	3625E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2822	YC89529	532395.54	6845001.65	58N	3600E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2823	YC89529	532378.91	6844977.7	58N	3575E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2824	YC89529	532365.73	6844961.08	58N	3550E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2825	YC89529	532346.48	6844944.3	58N	3525E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2826	YD10917	532333.12	6844923.39	58N	3500E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2827	YD10917	532319.69	6844900.93	58N	3475E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2828	YD10917	532305.43	6844881.12	58N	3450E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2829	YD10917	532288.35	6844862.21	58N	3425E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2830	YD10917	532273.78	6844843.54	58N	3400E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2831	YD10917	532259.34	6844826.99	58N	3375E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2832	YD10917	532239.91	6844802.37	58N	3350E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2833	YD10917	532225.99	6844783.98	58N	3325E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	0
2834	YD10917	532211.18	6844765.41	58N	3300E	LM/JMc	Soil-B	Grab	40	GY	Bf	10
2835	YD10917	532196.87	6844749.97	58N	3275E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2836	YD10917	532180.04	6844725.22	58N	3250E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	0
2837	YC73856	533014.26	6845628.87	57N	4475E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2838	YC73856	533002.16	6845611.79	57N	4450E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2839	YC89530	532986.16	6845592.7	57N	4425E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
2840	YC89530	532969.03	6845570.33	57N	4400E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
2841	YC89530	532955.31	6845549.38	57N	4375E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2842	YC89530	532938.35	6845531.49	57N	4350E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2843	YC89530	532926.65	6845512.97	57N	4325E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2844	YC89530	532907.81	6845493.06	57N	4300E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	5
2845	YC89530	532891.25	6845470.39	57N	4275E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2846	YC89530	532876.76	6845451.07	57N	4250E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2847	YC89530	532863.07	6845431.17	57N	4225E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2848	YC89530	532849.48	6845410.24	57N	4200E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2849	YC89530	532833.91	6845395.51	57N	4175E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2850	YC89530	532816.19	6845372.59	57N	4150E	LM/JMc	Soil-B	Grab	30	GY	Bf	5
2851	YC89530	532797.91	6845357.71	57N	4125E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2852	YC89530	532785.35	6845337.58	57N	4100E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2853	YC89530	532771.31	6845311.29	57N	4075E	LM/JMc	Soil-B	Grab	30	BR	Bf	5
2854	YC89530	532755.57	6845296.9	57N	4050E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2855	YC89530	532739.1	6845277.39	57N	4025E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2856	YC89530	532718.36	6845258.76	57N	4000E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
2857	YC89529	532708.88	6845235.84	57N	3975E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2858	YC89529	532693.81	6845218.28	57N	3950E	LM/JMc	Soil-B	Grab	20	GY	Bf	5
2859	YC89529	532680.23	6845200.42	57N	3925E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	0
2860	YC89529	532663.14	6845177.52	57N	3900E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2861	YC89529	532643.75	6845160.85	57N	3875E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	0
2862	YC89529	532627.54	6845138.55	57N	3850E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2863	YC89529	532610.79	6845116.96	57N	3825E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2864	YC89529	532596.39	6845099.84	57N	3800E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2865	YC89529	532582.69	6845075.2	57N	3775E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2866	YC89529	532568.12	6845055.85	57N	3750E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2867	YC89529	532551.64	6845040.19	57N	3725E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2868	YC89529	532535.66	6845021.55	57N	3700E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2869	YC89529	532523.81	6844996.45	57N	3675E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2870	YC89529	532507.88	6844982	57N	3650E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2871	YC89529	532492.28	6844958.13	57N	3625E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2872	YC89529	532478.17	6844940	57N	3600E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2873	YC89529	532457.45	6844920.8	57N	3575E	LM/JMc	Soil-B	Grab	40	BR	Bf	0
2874	YC89529	532449.11	6844904.6	57N	3550E	LM/JMc	Soil-B	Grab	30	GYBR	Bf	0
2875	YC89529	532429.41	6844882.68	57N	3525E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2876	YD10917	532416.3	6844860.83	57N	3500E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2877	YD10917	532400.59	6844844.99	57N	3475E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2878	YD10917	532381.58	6844823.12	57N	3450E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2879	YD10917	532364.8	6844801.19	57N	3425E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2880	YD10917	532355.2	6844783.29	57N	3400E	LM/JMc	Soil-B	Grab	40	GYBR	Bf	0
2881	YD10917	532338.22	6844766.82	57N	3375E	LM/JMc	Soil-B	Grab	40	GY	Bf	0
2882	YD10917	532322.93	6844745.16	57N	3350E	LM/JMc	Soil-B	Grab	40	BR	Bf	5
2883	YD10917	532309.12	6844724.19	57N	3325E	LM/JMc	Soil-B	Grab	30	BR	Bf	0
2884	YD10917	532288.56	6844705.55	57N	3300E	LM/JMc	Soil-B	Grab	40	GY	Bf	5
2885	YD10917	532272.26	6844681.31	57N	3275E	LM/JMc	Soil-B	Grab	35	GY	Bf	0
2886	YD10917	532259.94	6844663.54	57N	3250E	LM/JMc	Soil-B	Grab	30	GY	Bf	0
2887	YC89529	532596.39	6845099.84	57N	3800E	LM/JMc	Soil-B	Grab				
3001	YC72733	533521.42	6845137.74	50N	4400E	JI/T	Soil-B	Grab	30	BR	Bf	5
3002	YC72733	533531.01	6845161.04	50N	4425E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3003	YC72733	533548.02	6845178.17	50N	4450E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3004	YC72733	533564.99	6845197.99	50N	4475E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3005	YC72445	533581.58	6845217.89	50N	4500E	JI/T	Soil-B	Grab	50	GYBR	Bf	5
3006	YC72445	533596.18	6845236.22	50N	4525E	JI/T	Soil-B	Grab	30	GYBR	Bf	5
3007	YC72445	533609.2	6845258.28	50N	4550E	JI/T	Soil-B	Grab	60	GYBR	Bf	0
3008	YC72445	533627.77	6845280.24	50N	4575E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3009	YC72445	533640.61	6845297.88	50N	4600E	JI/T	Soil-B	Grab	30	GYBR	Bf	0
3010	YC72445	533655.71	6845317.03	50N	4625E	JI/T	Soil-B	Grab	50	GYBR	Bf	0
3011	YC72445	533673.24	6845338.49	50N	4650E	JI/T	Soil-B	Grab	50	GYBR	Bf	5
3012	YC72445	533686.2	6845356.14	50N	4675E	JI/T	Soil-B	Grab	40	GYBR	Bf	0
3013	YC72445	533702.6	6845375.94	50N	4700E	JI/T	Soil-B	Grab	50	GYBR	Bf	5
3014	YC72445	533718.24	6845394.05	50N	4725E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3015	YC72445	533732.99	6845414.49	50N	4750E	JI/T	Soil-B	Grab	50	GYBR	Bf	0
3016	YC72445	533748.05	6845435.81	50N	4775E	JI/T	Soil-B	Grab	40	GYBR	Bf	0
3017	YC72445	533765.13	6845453.87	50N	4800E	JI/T	Soil-B	Grab	50	GYBR	Bf	5
3018	YC72445	533781.41	6845474.2	50N	4825E	JI/T	Soil-B	Grab	30	GYBR	Bf	10
3019	YC72445	533796.02	6845494.26	50N	4850E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3020	YC72445	533810.51	6845513.01	50N	4875E	JI/T	Soil-B	Grab	30	GYBR	Bf	10
3021	YC72445	533826.14	6845530.67	50N	4900E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3022	YC72445	533842.51	6845553.23	50N	4925E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3023	YC72445	533855.56	6845571.96	50N	4950E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3024	YC72446	533871.78	6845590.98	50N	4975E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3025	YC72446	533886.63	6845613.12	50N	5000E	JI/T	Soil-B	Grab	30	BR	Bf	10
3026	YC72446	533904.88	6845631.49	50N	5025E	JI/T	Soil-B	Grab	30	BR	Bf	10
3027	YC72446	533919.82	6845649.27	50N	5075E	JI/T	Soil-B	Grab	40	BR	Bf	10
3028	YC72446	533934.25	6845670.1	50N	5050E	JI/T	Soil-B	Grab	40	BR	Bf	5
3029	YC72446	533951.1	6845687.58	50N	5100E	JI/T	Soil-B	Grab	50	GYBR	Bf	5
3030	YC72446	533966.39	6845709.26	50N	5125E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3031	YC72446	533981.32	6845729.86	50N	5150E	JI/T	Soil-B	Grab	30	GYBR	Bf	10
3032	YC72446	534012.28	6845769.7	50N	5200E	JI/T	Soil-B	Grab	50	GYBR	Bf	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3033	YC72446	534028.27	6845791.04	50N	5225E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3034	YC72446	534042.19	6845809.16	50N	5250E	JI/T	Soil-B	Grab	30	GYBR	Bf	10
3035	YC72446	534056.06	6845829.96	50N	5275E	JI/T	Soil-B	Grab	30	BR	Bf	10
3036	YC72446	534086.38	6845867.87	50N	5325E	JI/T	Soil-B	Grab	50	BR	Bf	10
3037	YC72446	534102.05	6845887.03	50N	5350E	JI/T	Soil-B	Grab	40	BR	Bf	10
3038	YC72446	534118.7	6845906.92	50N	5375E	JI/T	Soil-B	Grab	40	BR	Bf	5
3039	YC72446	534133.05	6845926.73	50N	5400E	JI/T	Soil-B	Grab	40	BR	Bf	5
3040	YC72458	534149.39	6845945.96	50N	5425E	JI/T	Soil-B	Grab	40	GYBR	Bf	0
3041	YC72458	534166.95	6845966.84	50N	5450E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3042	YC72458	534181.35	6845985.72	50N	5475E	JI/T	Soil-B	Grab	40	GYBR	Bf	0
3043	YC72458	534195.97	6846004.7	50N	5500E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3044	YC72458	534213	6846024.63	50N	5525E	JI/T	Soil-B	Grab	40	GYBR	Bf	5
3045	YC72458	534226.12	6846045.61	50N	5550E	JI/T	Soil-B	Grab	30	GYBR	Bf	10
3046	YC72458	534243.64	6846065.67	50N	5575E	JI/T	Soil-B	Grab	40	GYBR	Bf	10
3047	YC72458	534258.03	6846087.31	50N	5600E	JI/T	Soil-B	Grab	40	BR	Bf	5
3048	YC72458	534271.6	6846104.39	50N	5625E	JI/T	Soil-B	Grab	40	BR	Bf	10
3049	YC72458	534286.51	6846124.98	50N	5650E	JI/T	Soil-B	Grab	40	BR	Bf	5
3050	YC72458	534364.98	6846220.15	50N	5775E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
3051	YC72458	534379.14	6846242.79	50N	5800E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3052	YC72458	534396.11	6846261.79	50N	5825E	RG/JI	Soil-B	Grab	40	OBR	BF	0
3053	YC72458	534410.73	6846281.11	50N	5850E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3054	YC72459	534426.11	6846302.15	50N	5875E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3055	YC72459	534441.08	6846321.56	50N	5900E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3056	YC72459	534458.14	6846341.91	50N	5925E	RG/JI	Soil-B	Grab	40	OBR	BF	5
3057	YC72459	534487.47	6846378.62	50N	5975E	RG/JI	Soil-B	Grab	40	OBR	BF	5
3058	YC72459	534503.98	6846401.56	50N	6000E	RG/JI	Soil-B	Grab	40	OBR	BF	5
3059	YC72459	534520.03	6846421.33	50N	6025E	RG/JI	Soil-B	Grab	30	OBR	BF	5
3060	YC72459	534534.93	6846439.07	50N	6050E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
3061	YC72459	534549.32	6846458.66	50N	6075E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
3063	YC72459	534580.99	6846499.05	50N	6100E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3064	YC72459	534597.25	6846519.12	50N	6125E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
3065	YC72459	534611.67	6846539.13	50N	6150E	RG/JI	Soil-B	Grab	30	OBR	BF	5
3066	YC72459	534626.4	6846555.78	50N	6175E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
3067	YC72459	534643.13	6846577.29	50N	6200E	RG/JI	Soil-B	Grab	40	OBR	BF	5
3068	YC72459	534658.79	6846597.13	50N	6225E	RG/JI	Soil-B	Grab	30	OBR	BF	0
3071	YC72733	533568.41	6845126.07	4950	4400	LF/JM	Soil-B	Grab	20	BR	AM	5
3072	YC72733	533557.02	6845105.8	4950	4425	LF/JM	Soil-B	Grab	30	BR	AM	0
3073	YC72733	533569.1	6845126.66	4950	4450	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3074	YC72733	533583.2	6845144.31	4950	4475	LF/JM	Soil-B	Grab	30	BR	AM	0
3075	YC72733	533603.2	6845169.37	4950	4500	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3076	YC72445	533634	6845206	4950	4525	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3077	YC72445	533617.67	6845191.27	4950	4550	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3078	YC72445	533648.78	6845223.1	4950	4575	LF/JM	Soil-B	Grab	30	GYBR	AM	0
3079	YC72445	533663.74	6845238.91	4950	4600	LF/JM	Soil-B	Grab	40	GYBR	AM	0
3080	YC72445	533680.17	6845262.9	4950	4625	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3081	YC72445	533693.57	6845282.34	4950	4650	LF/JM	Soil-B	Grab	40	BR	AM	0
3082	YC72445	533710.96	6845307.33	4950	4675	LF/JM	Soil-B	Grab	30	GYBR	AM	0
3083	YC72445	533727.71	6845321.8	4950	4700	LF/JM	Soil-B	Grab	30	BR	AM	5
3084	YC72445	533741.22	6845343.51	4950	4725	LF/JM	Soil-B	Grab	50	BR	AM	0
3085	YC72445	533753.84	6845362.69	4950	4750	LF/JM	Soil-B	Grab	30	BR	AM	5
3086	YC72445	533769.23	6845382.66	4950	4775	LF/JM	Soil-B	Grab	30	GYBR	AM	0
3087	YC72445	533784.84	6845410.08	4950	4800	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3088	YC72445	533801.71	6845422.56	4950	4825	LF/JM	Soil-B	Grab	30	BR	AM	5
3089	YC72445	533823.38	6845444.71	4950	4850	LF/JM	Soil-B	Grab	20	BR	AM	5
3090	YC72445	533833.14	6845466.8	4950	4875	LF/JM	Soil-B	Grab	30	BR	AM	5
3091	YC72445	533847	6845480.43	4950	4900	LF/JM	Soil-B	Grab	30	BR	AM	5
3092	YC72445	533869.51	6845499.29	4950	4925	LF/JM	Soil-B	Grab	30	BR	AM	5
3093	YC72445	533881.72	6845517.84	4950	4950	LF/JM	Soil-B	Grab	30	BR	AM	0
3094	YC72445	533894.1	6845539.21	4950	4975	LF/JM	Soil-B	Grab	30	BR	AM	5
3095	YC72446	533906.55	6845559.11	4950	5000	LF/JM	Soil-B	Grab	30	BR	AM	0
3096	YC72446	533925.01	6845575.9	4950	5025	LF/JM	Soil-B	Grab	30	BR	AM	0
3097	YC72446	533935.43	6845595.05	4950	5050	LF/JM	Soil-B	Grab	30	GYBR	AM	0
3098	YC72446	533960.57	6845613.94	4950	5075	LF/JM	Soil-B	Grab	30	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3099	YC72446	533978.08	6845634.14	4950	5100	LF/JM	Soil-B	Grab	30	BR	AM	10
3100	YC72446	533988.74	6845656.88	4950	5125	LF/JM	Soil-B	Grab	30	GYBR	AM	5
3101	YC72446	534004.4	6845673.87	4950	5150	LF/JM	Soil-B	Grab	30	BR	AM	5
3102	YC72446	534015.11	6845695.58	4950	5175	LF/JM	Soil-B	Grab	20	BR	AM	10
3103	YC72446	534028.3	6845709.35	4950	5200	LF/JM	Soil-B	Grab	30	BR	AM	5
3104	YC72446	534047.11	6845732.58	4950	5225	LF/JM	Soil-TF	Grab	30	GY	AM	0
3105	YC72446	534066.84	6845754.57	4950	5250	LF/JM	Soil-TF	Grab	20	GY	AM	5
3106	YC72446	534079.76	6845768.54	4950	5275	LF/JM	Soil-B	Grab	40	BR	AM	5
3107	YC72446	534090.54	6845792.22	4950	5300	LF/JM	Soil-B	Grab	40	BR	AM	5
3108	YC72446	534111.02	6845813.99	4950	5325	LF/JM	Soil-B	Grab	40	BR	AM	5
3109	YC72446	534123.11	6845835.99	4950	5350	LF/JM	Soil-B	Grab	40	BR	AM	5
3110	YC72446	534137.62	6845855.35	4950	5375	LF/JM	Soil-B	Grab	50	BR	AM	5
3111	YC72446	534158.93	6845877.08	4950	5400	LF/JM	Soil-B	Grab	30	BR	AM	5
3112	YC72446	534171.55	6845892.49	4950	5425	LF/JM	Soil-B	Grab	40	BR	AM	5
3113	YC72458	534196.05	6845933.48	4950	5450	LF/TM	Soil-B	Grab	40	BR	AM	5
3114	YC72458	534214.52	6845952.16	4950	5475	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3115	YC72458	534237.76	6845970.22	4950	5500	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3116	YC72458	534250.33	6845994.84	4950	5525	LF/TM	Soil-B	Grab	20	BR	AM	5
3117	YC72458	534261.95	6846013.25	4950	5550	LF/TM	Soil-B	Grab	20	BR	AM	5
3118	YC72458	534286.3	6846029.08	4950	5575	LF/TM	Soil-B	Grab	20	GYBR	AM	10
3119	YC72458	534292.25	6846048.51	4950	5600	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3120	YC72458	534308.11	6846070.47	4950	5625	LF/TM	Soil-B	Grab	20	BR	AM	5
3121	YC72458	534325.71	6846099.82	4950	5650	LF/TM	Soil-B	Grab	30	BR	AM	5
3122	YC72458	534338.2	6846112.86	4950	5675	LF/TM	Soil-B	Grab	20	BR	AM	5
3123	YC72458	534359.83	6846132.36	4950	5700	LF/TM	Soil-B	Grab	20	BR	AM	5
3124	YC72458	534374.52	6846144.63	4950	5725	LF/TM	Soil-B	Grab	30	BR	AM	5
3125	YC72458	534388.96	6846170.83	4950	5750	LF/TM	Soil-B	Grab	30	BR	AM	10
3126	YC72458	534402.92	6846192.25	4950	5775	LF/TM	Soil-B	Grab	30	BR	AM	5
3127	YC72458	534414.51	6846211.29	4950	5800	LF/TM	Soil-B	Grab	20	BR	AM	10
3128	YC72458	534428.99	6846228.43	4950	5825	LF/TM	Soil-B	Grab	30	BR	AM	5
3129	YC72458	534451.18	6846249.92	4950	5850	LF/TM	Soil-B	Grab	30	BR	AM	5
3130	YC72458	534461.59	6846266.1	4950	5875	LF/TM	Soil-B	Grab	30	BR	AM	10
3131	YC72459	534480.54	6846292.04	4950	5900	LF/TM	Soil-B	Grab	30	BR	AM	5
3132	YC72459	534497.16	6846304.91	4950	5925	LF/TM	Soil-B	Grab	20	BR	AM	20
3153	YC72459	534511.27	6846330.41	4950	5950	LF/TM	Soil-B	Grab	20	BR	AM	5
3154	YC72459	534522.96	6846350.31	4950	5975	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3155	YC72459	534543.39	6846370.27	4950	6000	LF/TM	Soil-B	Grab	20	BR	AM	10
3156	YC72459	534553.05	6846388.16	4950	6025	LF/TM	Soil-B	Grab	20	BR	AM	10
3157	YC72459	534573.62	6846408.25	4950	6050	LF/TM	Soil-B	Grab	20	BR	AM	20
3158	YC72459	534587.49	6846428.24	4950	6075	LF/TM	Soil-B	Grab	30	BR	AM	5
3159	YC72459	534600.03	6846449.45	4950	6100	LF/TM	Soil-B	Grab	30	BR	AM	0
3160	YC72459	534622.06	6846467.26	4950	6125	LF/TM	Soil-B	Grab	40	BR	AM	10
3161	YC72459	534630.49	6846482.4	4950	6150	LF/TM	Soil-B	Grab	30	BR	AM	10
3162	YC72459	534647.92	6846507.59	4950	6175	LF/TM	Soil-B	Grab	30	BR	AM	10
3163	YC72459	534659.78	6846523.49	4950	6200	LF/TM	Soil-B	Grab	30	BR	AM	5
3164	YC72459	534680.67	6846548.68	4950	6225	LF/TM	Soil-B	Grab	30	BR	AM	10
3165	YC72459	534688.56	6846562.88	4950	6250	LF/TM	Soil-B	Grab	20	BR	AM	5
3166	YC72459	534738.72	6846536.43	4900	6250	LF/TM	Soil-B	Grab	20	BR	AM	10
3167	YC72459	534716.78	6846514.79	4900	6225	LF/TM	Soil-B	Grab	20	BR	AM	5
3168	YC72459	534703.92	6846498.06	4900	6200	LF/TM	Soil-B	Grab	20	BR	AM	10
3169	YC72459	534690.53	6846476.79	4900	6175	LF/TM	Soil-B	Grab	20	BR	AM	10
3170	YC72459	534673.79	6846452.2	4900	6150	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3171	YC72459	534660.19	6846434.78	4900	6125	LF/TM	Soil-B	Grab	30	BR	AM	10
3172	YC72459	534644.64	6846416.1	4900	6100	LF/TM	Soil-B	Grab	20	GYBR	AM	20
3173	YC72459	534629.57	6846397.85	4900	6075	LF/TM	Soil-B	Grab	20	BR	AM	0
3174	YC72459	534613.95	6846374.89	4900	6050	LF/TM	Soil-B	Grab	20	BR	AM	0
3175	YC72459	534594.27	6846360	4900	6025	LF/TM	Soil-B	Grab	30	BR	AM	5
3176	YC72459	534580.95	6846340.72	4900	6000	LF/TM	Soil-B	Grab	20	BR	AM	5
3177	YC72459	534564	6846314.88	4900	5975	LF/TM	Soil-B	Grab	30	GYBR	AM	10
3178	YC72459	534552.32	6846298.1	4900	5950	LF/TM	Soil-B	Grab	20	BR	AM	10
3179	YC72459	534537.73	6846282.47	4900	5925	LF/TM	Soil-B	Grab	20	BR	AM	5
3180	YC72459	534521.73	6846256.36	4900	5900	LF/TM	Soil-B	Grab	20	BR	AM	10
3181	YC72458	534502.49	6846237.65	4900	5875	LF/TM	Soil-B	Grab	20	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3182	YC72458	534488.43	6846216.73	4900	5850	LF/TM	Soil-B	Grab	20	BR	AM	5
3183	YC72458	534474.41	6846199.96	4900	5825	LF/TM	Soil-B	Grab	20	BR	AM	10
3184	YC72458	534462.52	6846179.31	4900	5800	LF/TM	Soil-B	Grab	30	BR	AM	5
3185	YC72458	534446.21	6846159.23	4900	5775	LF/TM	Soil-B	Grab	20	BR	AM	5
3186	YC72458	534430.09	6846144.26	4900	5750	LF/TM	Soil-B	Grab	20	GYBR	AM	10
3187	YC72458	534413.9	6846122.61	4900	5725	LF/TM	Soil-B	Grab	40	BR	AM	5
3188	YC72458	534395.04	6846107.02	4900	5700	LF/TM	Soil-B	Grab	20	BR	AM	10
3189	YC72458	534386.51	6846084.63	4900	5675	LF/TM	Soil-B	Grab	30	BR	AM	5
3190	YC72458	534366.9	6846062.94	4900	5650	LF/TM	Soil-B	Grab	30	BR	AM	5
3191	YC72458	534353.74	6846044.01	4900	5625	LF/TM	Soil-B	Grab	20	BR	AM	5
3192	YC72458	534336.66	6846025.39	4900	5600	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3193	YC72458	534321.55	6846006.06	4900	5575	LF/TM	Soil-B	Grab	30	BR	AM	5
3194	YC72458	534305.76	6845983.19	4900	5550	LF/TM	Soil-B	Grab	40	GYBR	AM	10
3195	YC72458	534290.58	6845967.02	4900	5525	LF/TM	Soil-B	Grab	30	BR	AM	10
3196	YC72458	534275.34	6845950.28	4900	5500	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3197	YC72458	534255.42	6845923.75	4900	5475	LF/TM	Soil-B	Grab	40	GYBR	AM	0
3198	YC72458	534245.76	6845905.32	4900	5450	LF/TM	Soil-B	Grab	30	GY	AM	5
3199	YC72458	534229.52	6845883.98	4900	5425	LF/TM	Soil-B	Grab	30	BR	AM	10
3200	YC72446	534211.28	6845865.18	4900	5400	LF/TM	Soil-B	Grab	30	BR	B	5
3201	YC72446	534196.03	6845847	4900	5375	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3202	YC72446	534183.45	6845826.72	4900	5350	LF/TM	Soil-B	Grab	30	BR	AM	5
3203	YC72446	534166.57	6845806.22	4900	5325	LF/TM	Soil-B	Grab	30	BR	AM	10
3204	YC72446	534153.22	6845784.84	4900	5300	LF/TM	Soil-B	Grab	30	BR	B	5
3205	YC72446	534139.68	6845768.04	4900	5275	LF/TM	Soil-B	Grab	40	BR	B	5
3206	YC72446	534120.23	6845748.66	4900	5250	LF/TM	Soil-B	Grab	40	BR	B	5
3207	YC72446	534108.29	6845725.24	4900	5225	LF/TM	Soil-B	Grab	40	BR	B	5
3208	YC72446	534088.67	6845713.34	4900	5200	LF/TM	Soil-TF	Grab	5	GYBR	AM	0
3209	YC72446	534074.6	6845692.46	4900	5175	LF/TM	Soil-TF	Grab	5	GYBR	AM	0
3210	YC72446	534060.24	6845667.11	4900	5150	LF/TM	Soil-TF	Grab	5	GYBR	AM	0
3211	YC72446	534040.39	6845648.57	4900	5125	LF/TM	Soil-B	Grab	30	BR	B	5
3212	YC72446	534030.62	6845628.24	4900	5100	LF/TM	Soil-B	Grab	30	BR	B	10
3213	YC72446	534013.73	6845606.57	4900	5075	LF/TM	Soil-B	Grab	20	BR	B	10
3214	YC72446	533998.22	6845587.42	4900	5050	LF/TM	Soil-B	Grab	20	BR	B	5
3215	YC72446	533983.21	6845567.16	4900	5025	LF/TM	Soil-B	Grab	20	BR	B	10
3216	YC72446	533967.72	6845550.81	4900	5000	LF/TM	Soil-B	Grab	20	OBR	B	5
3217	YC72446	533952	6845528.79	4900	4975	LF/TM	Soil-B	Grab	40	BR	B	5
3218	YC72445	533935.18	6845510.74	4900	4950	LF/TM	Soil-B	Grab	30	GYBR	B	5
3219	YC72445	533919.93	6845485.04	4900	4925	LF/TM	Soil-B	Grab	30	BR	B	5
3220	YC72445	533906.77	6845468.83	4900	4900	LF/TM	Soil-B	Grab	30	BR	B	5
3221	YC72445	533893.24	6845450.14	4900	4875	LF/TM	Soil-B	Grab	20	BR	B	5
3222	YC72445	533876.1	6845431.44	4900	4850	LF/TM	Soil-B	Grab	20	BR	B	5
3223	YC72445	533861.35	6845410.69	4900	4825	LF/TM	Soil-B	Grab	20	GYBR	B	10
3224	YC72445	533843.44	6845389.48	4900	4800	LF/TM	Soil-B	Grab	20	GYBR	B	10
3225	YC72445	533829.7	6845373.16	4900	4775	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3226	YC72445	533813.73	6845352.98	4900	4750	LF/TM	Soil-B	Grab	30	BR	AM	5
3227	YC72445	533796.99	6845330.84	4900	4725	LF/TM	Soil-B	Grab	40	BR	AM	10
3228	YC72445	533783.41	6845314.22	4900	4700	LF/TM	Soil-B	Grab	20	BR	AM	5
3229	YC72445	533767.69	6845294.45	4900	4675	LF/TM	Soil-B	Grab	20	BR	AM	10
3230	YC72445	533746.7	6845277.85	4900	4650	LF/TM	Soil-B	Grab	20	BR	AM	5
3231	YC72445	533737.63	6845254.59	4900	4625	LF/TM	Soil-B	Grab	20	BR	AM	10
3232	YC72445	533721.39	6845236.66	4900	4600	LF/TM	Soil-B	Grab	20	BR	AM	5
3233	YC72445	533704.59	6845214.33	4900	4575	LF/TM	Soil-B	Grab	20	BR	AM	10
3234	YC72445	533687.86	6845195.59	4900	4550	LF/TM	Soil-B	Grab	20	BR	AM	10
3235	YC72445	533674.02	6845175.55	4900	4525	LF/TM	Soil-B	Grab	20	BR	AM	10
3236	YC72445	533658.53	6845156.54	4900	4500	LF/TM	Soil-B	Grab	20	BR	AM	5
3237	YC72733	533642.53	6845136.39	4900	4475	LF/TM	Soil-B	Grab	20	GYBR	AM	0
3238	YC72733	533627.19	6845117.05	4900	4450	LF/TM	Soil-B	Grab	20	GYBR	AM	10
3239	YC72733	533613.93	6845101.38	4900	4425	LF/TM	Soil-B	Grab	20	BR	AM	5
3240	YC72733	533595.73	6845078.65	4900	4400	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3241	YC72733	533636.54	6845044.75	4850	4400	LF/TM	Soil-B	Grab	20	BR	AM	5
3242	YC72733	533649.72	6845060.77	4850	4425	LF/TM	Soil-B	Grab	20	BR	AM	5
3243	YC72733	533665.72	6845081.14	4850	4450	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3244	YC72733	533680.69	6845100.35	4850	4475	LF/TM	Soil-B	Grab	20	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3245	YC72445	533695.36	6845125.4	4850	4500	LF/TM	Soil-B	Grab	20	BR	AM	5
3246	YC72445	533711.74	6845142.5	4850	4525	LF/TM	Soil-B	Grab	20	BR	AM	10
3247	YC72445	533728.38	6845164.44	4850	4550	LF/TM	Soil-B	Grab	20	BR	AM	5
3248	YC72445	533741.36	6845181.04	4850	4575	LF/TM	Soil-B	Grab	20	BR	AM	5
3249	YC72445	533759.27	6845202.15	4850	4600	LF/TM	Soil-B	Grab	20	BR	AM	0
3250	YC72445	533775.15	6845220.17	4850	4625	LF/TM	Soil-B	Grab	20	BR	AM	0
3251	YC72445	533788.22	6845241.19	4850	4650	LF/TM	Soil-B	Grab	20	BR	AM	10
3252	YC72445	533804.6	6845263.66	4850	4675	LF/TM	Soil-B	Grab	20	BR	AM	5
3253	YC72445	533822.15	6845280.44	4850	4700	LF/TM	Soil-B	Grab	20	BR	AM	5
3254	YC72445	533837.57	6845297.79	4850	4725	LF/TM	Soil-B	Grab	30	BR	AM	5
3255	YC72445	533851.75	6845322.51	4850	4750	LF/TM	Soil-B	Grab	40	BR	AM	20
3256	YC72445	533866.04	6845341.16	4850	4775	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3257	YC72445	533882.31	6845360.77	4850	4800	LF/TM	Soil-B	Grab	30	BR	AM	10
3258	YC72445	533913.66	6845398.91	4850	4850	LF/TM	Soil-B	Grab	30	BR	AM	10
3259	YC72445	533928.47	6845422.04	4850	4875	LF/TM	Soil-B	Grab	20	BR	AM	5
3260	YC72445	533944.36	6845434.52	4850	4900	LF/TM	Soil-B	Grab	20	BR	AM	5
3261	YC72445	533959.32	6845456.16	4850	4925	LF/TM	Soil-B	Grab	20	BR	AM	5
3262	YC72445	533975.46	6845476.99	4850	4950	LF/TM	Soil-B	Grab	20	BR	AM	5
3263	YC72446	533991.87	6845499.15	4850	4975	LF/TM	Soil-B	Grab	30	BR	AM	5
3264	YC72446	534001.78	6845515.55	4850	5000	LF/TM	Soil-B	Grab	30	BR	AM	0
3265	YC72446	534020.69	6845533.57	4850	5025	LF/TM	Soil-B	Grab	40	BR	AM	0
3266	YC72446	534035.89	6845550.09	4850	5050	LF/TM	Soil-B	Grab	20	BR	AM	5
3267	YC72446	534051.98	6845572.21	4850	5075	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3268	YC72446	534071.49	6845585.96	4850	5100	LF/TM	Soil-B	Grab	20	BR	B	5
3269	YC72446	534079.36	6845616.64	4850	5125	LF/TM	Soil-B	Grab	20	GYBR	B	10
3270	YC72446	534110.23	6845656.51	4850	5175	LF/TM	Soil-B	Grab	20	BR	B	5
3271	YC72446	534124.75	6845674.14	4850	5200	LF/TM	Soil-B	Grab	20	BR	B	10
3272	YC72446	534141.52	6845693.09	4850	5225	LF/TM	Soil-B	Grab	40	BR	B	5
3273	YC72446	534159.79	6845713.53	4850	5250	LF/TM	Soil-B	Grab	20	BR	B	20
3274	YC72446	534173.37	6845734.78	4850	5275	LF/TM	Soil-B	Grab	40	BR	B	5
3275	YC72446	534202.41	6845774.88	4850	5325	LF/TM	Soil-B	Grab	30	BR	B	0
3276	YC72446	534221.84	6845793.91	4850	5350	LF/TM	Soil-B	Grab	30	GYBR	B	5
3277	YC72446	534231.84	6845811.99	4850	5375	LF/TM	Soil-B	Grab	30	BR	B	5
3278	YC72446	534248.08	6845838.26	4850	5400	LF/TM	Soil-B	Grab	40	BR	B	5
3279	YC72458	534266.41	6845851.81	4850	5425	LF/TM	Soil-B	Grab	20	GYBR	B	5
3280	YC72458	534283.76	6845869.12	4850	5450	LF/TM	Soil-B	Grab	20	BR	B	5
3281	YC72458	534299.49	6845887.25	4850	5475	LF/TM	Soil-B	Grab	20	BR	B	10
3282	YC72458	534312	6845909.19	4850	5500	LF/TM	Soil-C	Grab	20	BR	B	5
3283	YC72458	534323.82	6845934.91	4850	5525	LF/TM	Soil-B	Grab	20	GYBR	AM	10
3284	YC72458	534343.03	6845952.01	4850	5550	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3285	YC72458	534357.6	6845976.39	4850	5575	LF/TM	Soil-B	Grab	20	GYBR	AM	5
3286	YC72458	534371.97	6845989.25	4850	5600	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3287	YC72458	534386.05	6846007.69	4850	5625	LF/TM	Soil-B	Grab	30	BR	AM	10
3288	YC72458	534404.84	6846031.48	4850	5650	LF/TM	Soil-B	Grab	30	BR	AM	10
3289	YC72458	534422.6	6846050.66	4850	5675	LF/TM	Soil-B	Grab	20	BR	AM	5
3290	YC72458	534435.2	6846068.48	4850	5700	LF/TM	Soil-B	Grab	20	BR	AM	0
3291	YC72458	534447.89	6846089.51	4850	5725	LF/TM	Soil-B	Grab	20	BR	AM	10
3292	YC72458	534462.67	6846110.5	4850	5750	LF/TM	Soil-B	Grab	20	BR	AM	10
3293	YC72458	534483.81	6846130.05	4850	5775	LF/TM	Soil-B	Grab	20	BR	AM	10
3294	YC72458	534498.52	6846144.94	4850	5800	LF/TM	Soil-B	Grab	20	BR	AM	10
3295	YC72458	534513.38	6846167.29	4850	5825	LF/TM	Soil-B	Grab	20	BR	AM	10
3296	YC72458	534525.85	6846189.54	4850	5850	LF/TM	Soil-B	Grab	20	BR	AM	0
3297	YC72458	534543.29	6846206.49	4850	5875	LF/TM	Soil-B	Grab	30	BR	AM	10
3298	YC72459	534555.95	6846224.43	4850	5900	LF/TM	Soil-B	Grab	20	BR	AM	10
3299	YC72459	534573.8	6846246.93	4850	5925	LF/TM	Soil-B	Grab	20	BR	AM	5
3300	YC72459	534592.78	6846268.4	4850	5950	LF/TM	Soil-B	Grab	30	BR	AM	10
3301	YC72459	534605.17	6846285.77	4850	5975	LF/TM	Soil-B	Grab	20	BR	AM	5
3302	YC72459	534622.29	6846306.15	4850	6000	LF/TM	Soil-B	Grab	30	BR	AM	5
3303	YC72459	534635.98	6846326.68	4850	6025	LF/TM	Soil-B	Grab	20	BR	AM	10
3304	YC72459	534650.14	6846348.33	4850	6050	LF/TM	Soil-B	Grab	20	BR	AM	5
3305	YC72459	534667.34	6846370.04	4850	6075	LF/TM	Soil-B	Grab	30	BR	AM	10
3306	YC72459	534684.01	6846385.41	4850	6100	LF/TM	Soil-B	Grab	30	BR	AM	5
3307	YC72459	534696.46	6846403.94	4850	6125	LF/TM	Soil-B	Grab	30	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3308	YC72459	534710.06	6846424.19	4850	6150	LF/TM	Soil-B	Grab	20	BR	AM	10
3309	YC72459	534724.4	6846442.75	4850	6175	LF/TM	Soil-B	Grab	20	BR	AM	10
3310	YC72459	534744.5	6846466.1	4850	6200	LF/TM	Soil-B	Grab	20	BR	AM	0
3311	YC72459	534760.3	6846486.55	4850	6225	LF/TM	Soil-B	Grab	20	BR	AM	5
3312	YC72459	534777.16	6846504.6	4850	6250	LF/TM	Soil-B	Grab	20	BR	AM	5
3317	YC72443	534094.41	6845227.29	46	4825	JM/TI	Soil-B	Grab	40	BR	AM	5
3318	YC72443	534111.62	6845246.81	46	4850	JM/TI	Soil-B	Grab	30	BR	AM	5
3319	YC72443	534126.86	6845265.99	46	4875	JM/TI	Soil-B	Grab	30	BR	B	5
3320	YC72443	534141.47	6845286.36	46	4900	JM/TI	Soil-B	Grab	30	BR	B	5
3321	YC72443	534157.35	6845308.28	46	4925	JM/TI	Soil-B	Grab	30	BR	B	5
3322	YC72443	534172.13	6845327.25	46	4950	JM/TI	Soil-B	Grab	30	BR	B	5
3323	YC72444	534187.66	6845344.7	46	4975	JM/TI	Soil-B	Grab	30	BR	B	5
3324	YC72444	534204.08	6845364.55	46	5000	JM/TI	Soil-B	Grab	30	BR	B	5
3325	YC72444	534218.04	6845384.88	46	5025	JM/TI	Soil-B	Grab	30	GRBR	B	5
3326	YC72444	534234.34	6845403.09	46	5050	JM/TI	Soil-B	Grab	30	BR	BF	10
3327	YC72444	534247.77	6845424.37	46	5075	JM/TI	Soil-B	Grab	30	BR	BF	0
3328	YC72444	534264.76	6845442.88	46	5100	JM/TI	Soil-B	Grab	30	BR	BF	5
3329	YC72444	534278.85	6845464.3	46	5125	JM/TI	Soil-B	Grab	30	BR	BF	20
3330	YC72444	534293.24	6845481.98	46	5150	JM/TI	Soil-B	Grab	20	BR	BF	10
3415	YC72443	533818.62	6845032.74	4700	4500	LF/JM	Soil-B	Grab	20	BR	AM	10
3416	YC72731	533799.42	6845012.78	4700	4475	LF/JM	Soil-B	Grab	30	BR	AM	5
3417	YC72731	533786.13	6844992.18	4700	4450	LF/JM	Soil-B	Grab	30	BR	AM	10
3418	YC72731	533769.73	6844974.27	4700	4425	LF/JM	Soil-B	Grab	30	BR	AM	5
3419	YC72731	533758.66	6844954.48	4700	4400	LF/JM	Soil-B	Grab	30	BR	AM	5
3420	YC72444	534623.19	6845579.39	4400	5425	AH/LF	Soil-B	Grab	30	BR	TA	10
3421	YC72444	534605.12	6845559.74	4400	5400	AH/LF	Soil-B	Grab	20	BR	B	5
3422	YC72444	534593.3	6845541.23	4400	5375	AH/LF	Soil-B	Grab	20	BR	B	5
3423	YC72444	534560.89	6845506.78	4400	5325	AH/LF	Soil-B	Grab	30	BR	B	10
3424	YC72444	534545.57	6845481.19	4400	5300	AH/LF	Soil-B	Grab	30	GYBR	B	5
3425	YC72444	534530.54	6845460.37	4400	5275	AH/LF	Soil-B	Grab	30	GYBR	B	10
3426	YC72444	534503.32	6845424.38	4400	5225	AH/LF	Soil-B	Grab	30	ROBR	B	5
3427	YC72444	534486.49	6845405.42	4400	5200	AH/LF	Soil-B	Grab	30	BR	B	5
3428	YC72444	534471.45	6845387.75	4400	5175	AH/LF	Soil-B	Grab	30	OBR	AM	5
3429	YC72444	534453.92	6845364.46	4400	5150	AH/LF	Soil-B	Grab	30	BR	AM	5
3430	YC72444	534439.45	6845343.72	4400	5125	AH/LF	Soil-B	Grab	20	BR	AM	20
3431	YC72444	534424.9	6845326.19	4400	5100	AH/LF	Soil-B	Grab	30	GYBR	B	5
3432	YC72455	535168.24	6846191.72	4350	6250	LF/TM	Soil-B	Grab	40	GYBR	B	5
3433	YC72455	535151.71	6846173.47	4350	6225	LF/TM	Soil-B	Grab	20	BR	B	5
3434	YC72455	535136.48	6846155.82	4350	6200	LF/TM	Soil-B	Grab	30	GY	B	5
3435	YC72455	535119.45	6846135.01	4350	6175	LF/TM	Soil-B	Grab	30	BR	B	5
3502	YC72441	534353.14	6844744.52	4100	4600	LF/TM	Soil-B	Grab	30	BR	AM	5
3503	YC72441	534335.41	6844726.52	4100	4575	LF/TM	Soil-B	Grab	30	BR	AM	5
3504	YC72441	534322.62	6844705.84	4100	4550	LF/TM	Soil-B	Grab	30	BR	AM	5
3505	YC72729	534301.42	6844680.89	4100	4525	LF/TM	Soil-B	Grab	30	BR	AM	5
3506	YC72729	534291.25	6844663.95	4100	4500	LF/TM	Soil-B	Grab	30	BR	AM	5
3507	YC72729	534275.72	6844646.1	4100	4475	LF/TM	Soil-B	Grab	30	BR	AM	5
3508	YC72729	534257.02	6844624.64	4100	4450	LF/TM	Soil-B	Grab	30	BR	AM	5
3509	YC72729	534246.05	6844604.12	4100	4425	LF/TM	Soil-B	Grab	30	BR	AM	5
3510	YC72729	534230.66	6844590.92	4100	4400	LF/TM	Soil-B	Grab	30	BR	AM	5
3511	YC72729	534264.55	6844552.66	4050	4400	LF/TM	Soil-B	Grab	30	BR	AM	5
3512	YC72729	534285.36	6844570.16	4050	4425	LF/TM	Soil-B	Grab	30	BR	AM	5
3513	YC72729	534295.48	6844585.83	4050	4450	LF/TM	Soil-B	Grab	30	BR	AM	5
3514	YC72729	534311.22	6844607.85	4050	4475	LF/TM	Soil-B	Grab	30	BR	AM	5
3515	YC72729	534328.31	6844631.49	4050	4500	LF/TM	Soil-B	Grab	30	BR	AM	5
3516	YC72729	534345.1	6844647.77	4050	4525	LF/TM	Soil-B	Grab	30	BR	AM	5
3517	YC72441	534361.72	6844664.74	4050	4550	LF/TM	Soil-B	Grab	30	BR	AM	5
3518	YC72441	534374.57	6844684.08	4050	4575	LF/TM	Soil-B	Grab	30	BR	AM	5
3519	YC72441	534392.1	6844709.02	4050	4600	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3520	YC72441	534407.26	6844727.04	4050	4625	LF/TM	Soil-B	Grab	30	BR	AM	5
3521	YC72441	534424.88	6844746.29	4050	4650	LF/TM	Soil-B	Grab	30	BR	AM	5
3522	YC72441	534433.59	6844766.45	4050	4675	LF/TM	Soil-B	Grab	30	BR	AM	5
3523	YC72441	534452.65	6844780.39	4050	4700	LF/TM	Soil-B	Grab	30	BR	AM	5
3524	YC72441	534470.58	6844809.14	4050	4725	LF/TM	Soil-B	Grab	30	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3525	YC72441	534479.07	6844832.47	4050	4750	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3526	YC72441	534498.32	6844839.81	4050	4775	LF/TM	Soil-B	Grab	30	BR	AM	5
3527	YC72441	534515.75	6844866.87	4050	4800	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3528	YC72441	534531.45	6844881.65	4050	4825	LF/TM	Soil-B	Grab	30	BR	AM	5
3529	YC72441	534537.44	6844901.73	4050	4850	LF/TM	Soil-B	Grab	30	BR	AM	5
3530	YC72441	534562.21	6844920.27	4050	4875	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3531	YC72441	534574	6844944.46	4050	4900	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3532	YC72441	534582.08	6844966.93	4050	4925	LF/TM	Soil-B	Grab	30	BR	AM	5
3533	YC72441	534605.55	6844984.81	4050	4950	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3534	YC72441	534621.83	6845006.06	4050	4975	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3676	YC72441	534635.2	6845020.51	4050	5000	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3677	YC72442	534653.39	6845042.57	4050	5025	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3678	YC72455	535403.27	6846014.62	4050N	6250E	LF/TM	Soil-B	Grab	30	BR	AM	5
3679	YC72455	535389.37	6845992.17	4050N	6225E	LF/TM	Soil-B	Grab	20	BR	AM	5
3680	YC72455	535377.4	6845959.84	4050N	6200E	LF/TM	Soil-B	Grab	30	BR	AM	5
3681	YC72455	535363.82	6845952.09	4050N	6175E	LF/TM	Soil-B	Grab	30	BR	AM	5
3682	YC72455	535348.11	6845929.44	4050N	6150E	LF/TM	Soil-B	Grab	30	BR	AM	5
3683	YC72455	535328.97	6845910.19	4050N	6125E	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3684	YC72455	535311.5	6845893.28	4050N	6100E	LF/TM	Soil-B	Grab	30	BR	AM	5
3685	YC72455	535294.35	6845879.76	4050N	6075E	LF/TM	Soil-B	Grab	30	BR	AM	5
3686	YC72455	535277.26	6845854.4	4050N	6050E	LF/TM	Soil-B	Grab	30	BR	AM	5
3687	YC72455	535268.23	6845831.54	4050N	6025E	LF/TM	Soil-B	Grab	30	BR	AM	5
3688	YC72455	535254.08	6845813.29	4050N	6000E	LF/TM	Soil-B	Grab	30	BR	AM	5
3689	YC72455	535238.37	6845792.53	4050N	5975E	LF/TM	Soil-B	Grab	30	BR	AM	5
3690	YC72455	535219.66	6845772.34	4050N	5950E	LF/TM	Soil-B	Grab	30	BR	AM	5
3691	YC72455	535202.65	6845756.62	4050N	5925E	LF/TM	Soil-B	Grab	30	BR	AM	5
3692	YC72454	535192.05	6845733.64	4050N	5900E	LF/TM	Soil-B	Grab	50	BR	AM	5
3693	YC72454	535176.19	6845711.24	4050N	5875E	LF/TM	Soil-B	Grab	30	BR	AM	5
3694	YC72454	535158.17	6845696.14	4050N	5850E	LF/TM	Soil-B	Grab	30	BR	AM	5
3695	YC72454	535142.65	6845671.79	4050N	5825E	LF/TM	Soil-TF	Grab	0	BR	AM	5
3696	YC72454	535110.3	6845634.28	4050N	5775E	LF/TM	Soil-B	Grab	30	GYBR	AM	10
3697	YC72454	535101.17	6845616.26	4050N	5750E	LF/TM	Soil-TF	Grab	0	BR	AM	5
3698	YC72454	535082.79	6845595.43	4050N	5725E	LF/TM	Soil-B	Grab	30	BR	AM	10
3699	YC72454	535067.64	6845568.66	4050N	5700E	LF/TM	Soil-B	Grab	30	BR	AM	5
3700	YC72454	535049.94	6845549.91	4050N	5675E	LF/TM	Soil-B	Grab	30	BR	AM	5
3701	YC72454	535029.71	6845538.69	4050N	5650E	LF/TM	Soil-B	Grab	30	BR	AM	5
3702	YC72454	535015.35	6845518.69	4050N	5625E	LF/TM	Soil-TF	Grab	0	BR	AM	5
3703	YC72454	535007.31	6845499.3	4050N	5600E	LF/TM	Soil-TF	Grab	0	BR	AM	5
3704	YC72454	534992.55	6845468.9	4050N	5575E	LF/TM	Soil-TF	Grab	0	BR	AM	5
3705	YC72454	534953.26	6845432.04	4050N	5525E	LF/TM	Soil-B	Grab	30	BR	AM	5
3706	YC72454	534942.92	6845420.46	4050N	5500E	LF/TM	Soil-B	Grab	40	BR	AM	5
3707	YC72454	534927.84	6845402.08	4050N	5475E	LF/TM	Soil-B	Grab	20	BR	AM	5
3708	YC72442	534914.06	6845373.35	4050N	5450E	LF/TM	Soil-B	Grab	40	BR	AM	5
3709	YC72442	534893.36	6845363.64	4050N	5425E	LF/TM	Soil-B	Grab	40	BR	AM	5
3710	YC72442	534876.86	6845337.57	4050N	5400E	LF/TM	Soil-B	Grab	40	BR	AM	5
3711	YC72442	534867.95	6845321.43	4050N	5375E	LF/TM	Soil-B	Grab	40	BR	AM	5
3712	YC72442	534847.34	6845301.8	4050N	5350E	LF/TM	Soil-B	Grab	40	BR	AM	5
3713	YC72442	534836.1	6845282.07	4050N	5325E	LF/TM	Soil-B	Grab	40	BR	AM	5
3714	YC72442	534836.08	6845281.99	4050N	5325E	LF/TM	Soil-B	Grab	40	BR	AM	5
3715	YC72442	534805.08	6845240.54	4050N	5275E	LF/TM	Soil-B	Grab	40	BR	AM	5
3716	YC72442	534784.51	6845218.11	4050N	5250E	LF/TM	Soil-B	Grab	40	BR	AM	5
3717	YC72442	534769.54	6845197.36	4050N	5225E	LF/TM	Soil-B	Grab	30	BR	AM	5
3718	YC72442	534756.86	6845184.52	4050N	5200E	LF/TM	Soil-B	Grab	30	BR	AM	5
3719	YC72442	534747.34	6845163.71	4050N	5175E	LF/TM	Soil-B	Grab	30	BR	AM	5
3720	YC72442	534725.31	6845136.03	4050N	5150E	LF/TM	Soil-B	Grab	30	GYBR	AM	5
3721	YC72442	534701.98	6845125.63	4050N	5125E	LF/TM	Soil-B	Grab	40	GYBR	AM	5
3722	YC72442	534692.7	6845101.66	4050N	5100E	LF/TM	Soil-B	Grab	50	BR	AM	5
3723	YC72442	534679.07	6845083.63	4050N	5075E	LF/TM	Soil-B	Grab	30	BR	AM	5
3724	YC72442	534663.64	6845062.47	4050N	5050E	LF/TM	Soil-B	Grab	40	BR	AM	5
3800	YD07124	533663	6843534	39N	3225E		Soil-B	Grab	50	GYBR	B	0
3801	YD07124	533649	6843519	39N	3200E		Soil-B	Grab	60	GYBR	B	0
3802	YD07124	533633	6843497	39N	3175E		Soil-B	Grab	50	BR	B	0
3803	YD07124	533618	6843478	39N	3150E		Soil-C	Grab	70	BR	B	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3804	YD07123	533601	6843457	39N	3125E		Soil-B	Grab	30	GYBR	B	0
3805	YD07123	533587	6843439	39N	3100E		Soil-B	Grab	70	GYBR	B	0
3806	YD07123	533571	6843418	39N	3075E		Soil-B	Grab	50	BR	B	0
3807	YD07123	533555	6843398	39N	3050E		Soil-B	Grab	50	BR	B	0
3808	YD07123	533539	6843378	39N	3025E		Soil-B	Grab	70	BR	B	0
3809	YD07123	533524	6843359	39N	3000E		Soil-B	Grab	50	BR	BF	0
3810	YD07123	533509	6843339	39N	2975E		Soil-B	Grab	70	GYBR	BF	0
3811	YD07123	533494	6843319	39N	2950E		Soil-B	Grab	70	GYBR	BF	0
3812	YD07123	533478	6843300	39N	2925E		Soil-B	Grab	60	GY	BF	0
3813	YD07123	533462	6843280	39N	2900E		Soil-B	Grab	70	GY	BF	0
3814	YD07123	533447	6843260	39N	2875E		Soil-B	Grab	60	GYBR	BF	0
3815	YD07123	533432	6843240	39N	2850E		Soil-B	Grab	90	GY	BF	0
3816	YD07123	533417	6843221	39N	2825E		Soil-B	Grab	70	GYBR	BF	0
3817	YD07123	533401	6843201	39N	2800E		Soil-B	Grab	70	GYBR	BF	10
3818	YD07123	533386	6843181	39N	2775E		Soil-B	Grab	70	GY	BF	10
3819	YD07123	533370	6843162	39N	2750E		Soil-B	Grab	60	GYBR	BF	0
3820	YD07123	533354	6843142	39N	2725E		Soil-B	Grab	50	GYBR	BF	0
3821	YD07123	533340	6843122	39N	2700E		Soil-B	Grab	70	GYBR	BF	10
3822	YD18938	533324	6843103	39N	2675E		Soil-B	Grab	70	GYBR	BF	0
3823	YD18938	533309	6843083	39N	2650E		Soil-B	Grab	70	GYBR	BF	0
3824	YD18938	533293	6843063	39N	2625E		Soil-B	Grab	60	GYBR	BF	0
3825	YD18938	533278	6843043	39N	2600E		Soil-B	Grab	60	GYBR	BF	10
3826	YD07126	533262	6843824	39N	2575E		Soil-B	Grab	90	GYBR	BF	10
3827	YD18938	533247	6843004	39N	2550E		Soil-B	Grab	90	GYBR	BF	10
3828	YD18938	533232	6842984	39N	2525E		Soil-B	Grab	70	GYBR	BF	10
3829	YD18938	533216	6842965	39N	2500E		Soil-B	Grab	90	GYBR	BF	10
3843	YD07121	533508	6843020	37N	2725E		Soil-C	Grab	50	OBR	BF	0
3848	YD07122	533830	6843434	37N	3250E		Soil-B	Grab	30	T	AM	0
3849	YD07122	533818	6843413	37N	3225E		Soil-B	Grab	30	OBR	AM	0
3850	YD07122	533803	6843396	37N	3200E		Soil-B	Grab	30	GYBR	AM	10
3851	YD07122	533791	6843369	37N	3175E		Soil-B	Grab	40	GYBR	AM	0
3852	YD07121	533775	6843352	37N	3150E		Soil-C	Grab	40	GY	AM	0
3853	YD07121	533759	6843333	37N	3125E		Soil-C	Grab	50	GYBR	AM	5
3854	YD07121	533743	6843311	37N	3100E		Soil-B	Grab	30	GYBR	AM	10
3855	YD07121	533729	6843289	37N	3075E		Soil-B	Grab	20	BR	AM	10
3856	YD07121	533718	6843275	37N	3050E		Soil-B	Grab	40	T	BF	10
3857	YD07121	533701	6843255	37N	3025E		Soil-B	Grab	40	GY	BF	10
3858	YD07121	533687	6843231	37N	3000E		Soil-C	Grab	70	GY	BF	0
3859	YD07121	533667	6843218	37N	2975E		Soil-B	Grab	40	OBR	BF	0
3860	YD07121	533652	6843197	37N	2950E		Soil-B	Grab	30	ROBR	BF	10
3861	YD07121	533636	6843173	37N	2925E		Soil-B	Grab	60	ROBR	BF	20
3862	YD07121	533620	6843154	37N	2900E		Soil-B	Grab	50	ROBR	BF	10
3863	YD07121	533605	6843137	37N	2875E		Soil-C	Grab	60	OBR	BF	0
3864	YD07121	533594	6843111	37N	2850E		Soil-C	Grab	60	ROBR	BF	0
3865	YD07121	533572	6843095	37N	2825E		Soil-C	Grab	80	GYBR	BF	0
3866	YD07121	533549	6843075	37N	2800E		Soil-C	Grab	50	T	BF	0
3867	YD07121	533539	6843056	37N	2775E		Soil-B	Grab	50	ROBR	BF	10
3868	YD07121	533524	6843041	37N	2750E		Soil-B	Grab	60	T	BF	0
3870	YD07124	533585	6843596	40N	3225E		Soil-B	Grab	60	OBR	BF	5
3871	YD07124	533564	6843577	40N	3200E		Soil-B	Grab	60	BR	BF	5
3872	YD07124	533559	6843567	40N	3175E		Soil-B	Grab	50	OBR	BF	5
3873	YD07124	533537	6843540	40N	3150E		Soil-B	Grab	70	GYBR	BF	5
3874	YD07123	533526	6843519	40N	3125E		Soil-C	Grab	70	GYBR	BF	5
3875	YD07123	533502	6843507	40N	3100E		Soil-B	Grab	70	GYBR	BF	5
3876	YD07123	533491	6843476	40N	3075E		Soil-B	Grab	40	GYBR	BF	5
3877	YD07123	533476	6843460	40N	3050E		Soil-B	Grab	40	BR	BF	10
3878	YD07123	533464	6843443	40N	3025E		Soil-B	Grab	80	GYBR	BF	5
3879	YD07123	533444	6843417	40N	3000E		Soil-C	Grab	70	GYBR	BF	10
3880	YD07123	533423	6843399	40N	2975E		Soil-B	Grab	70	T	BF	5
3881	YD07123	533398	6843379	40N	2950E		Soil-C	Grab	60	T	BF	10
3882	YD07123	533400	6843366	40N	2925E		Soil-B	Grab	60	T	BF	10
3883	YD07123	533378	6843334	40N	2900E		Soil-B	Grab	60	GYBR	BF	10
3884	YD07123	533373	6843317	40N	2875E		Soil-B	Grab	60	GYBR	BF	20

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
3885	YD07123	533349	6843298	40N	2850E		Soil-B	Grab	60	GY	BF	30
3886	YD07123	533341	6843276	40N	2825E		Soil-B	Grab	60	GY	BF	10
3887	YD07123	533319	6843255	40N	2800E		Soil-B	Grab	60	GYBR	BF	40
3888	YD07123	533307	6843242	40N	2775E		Soil-B	Grab	50	GYBR	BF	40
3889	YD07123	533288	6843226	40N	2750E		Soil-B	Grab	50	GYBR	BF	20
3890	YD07123	533283	6843200	40N	2725E		Soil-B	Grab	50	GYBR	BF	20
3891	YD07123	533276	6843188	40N	2700E		Soil-B	Grab	50	GY	BF	20
3892	YD07123	533521	6843195	38N	2875E		Soil-B	Grab	50	N	BF	25
3893	YD07123	533506	6843173	38N	2850E		Soil-B	Grab	30	N	BF	20
3894	YD07123	533497	6843160	38N	2825E		Soil-C	Grab	70	GY	BF	0
3895	YD07123	533467	6843109	38N	2800E		Soil-B	Grab	60	GY	BF	0
3896	YD07124	533740	6843479	38N	3225E		Soil-B	Grab	30	BR	BF	0
3897	YD07124	533727	6843455	38N	3200E		Soil-B	Grab	60	BR	BF	0
3898	YD07124	533711	6843439	38N	3175E		Soil-B	Grab	30	BR	BF	5
3899	YD07124	533693	6843417	38N	3150E		Soil-B	Grab	40	BR	BF	5
3900	YD07123	533677	6843400	38N	3125E		Soil-B	Grab	30	BR	BF	0
3901	YD07123	533666	6843375	38N	3100E		Soil-B	Grab	70	GYBR	BF	5
3902	YD07123	533648	6843356	38N	3075E		Soil-B	Grab	50	BR	BF	0
3903	YD07123	533636	6843335	38N	3050E		Soil-B	Grab	70	T	BF	5
3904	YD07123	533613	6843318	38N	3025E		Soil-B	Grab	65	BR	BF	0
3905	YD07123	533606	6843292	38N	3000E		Soil-B	Grab	35	BR	BF	0
3906	YD07123	533588	6843277	38N	2975E		Soil-B	Grab	50	OBR	BF	0
3907	YD07123	533569	6843258	38N	2950E		Soil-C	Grab	80	GY	BF	0
3908	YD07123	533559	6843245	38N	2925E		Soil-C	Grab	60	GY	BF	0
3909	YD07123	533542	6843217	38N	2900E		Soil-B	Grab	60	OBR	BF	0
4001	YC89528	533037.45	6845009.47	53N	E4000	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
4002	YC89527	533021.22	6844989.6	53N	E3975	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
4003	YC89527	533004.93	6844968.57	53N	E3950	MMC/JM	Soil-B	Grab	30	GYBR	AM	5
4004	YC89527	532990.58	6844948.89	53N	E3925	MMC/JM	Soil-B	Grab	30	OBR	AM	5
4005	YC89527	532974.75	6844930.09	53N	E3900	MMC/JM	Soil-B	Grab	40	BR	AM	5
4006	YC89527	532960.3	6844910.54	53N	E3875	MMC/JM	Soil-B	Grab	20	BR	AM	5
4007	YC89527	532944.74	6844890.83	53N	E3850	MMC/JM	Soil-B	Grab	40	BR	B	5
4008	YC89527	532928.79	6844871.6	53N	E3825	MMC/JM	Soil-B	Grab	60	GYBR	B	5
4009	YC89527	532913.4	6844852.35	53N	E3800	MMC/JM	Soil-B	Grab	50	GYBR	B	5
4010	YC89527	532898.71	6844832.27	53N	E3775	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4011	YC89527	532883.28	6844812.74	53N	E3750	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4012	YC89527	532867.91	6844791.79	53N	E3725	MMC/JM	Soil-B	Grab	20	BR	B	10
4013	YC89527	532852.4	6844773.28	53N	E3700	MMC/JM	Soil-B	Grab	30	BR	B	10
4014	YC89527	532837.91	6844752.71	53N	E3675	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4015	YC89527	532821.42	6844733.35	53N	E3650	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4016	YC89527	532806.94	6844714.17	53N	E3625	MMC/JM	Soil-B	Grab	30	GYBR	B	5
4017	YC89527	532790.44	6844696.52	53N	E3600	MMC/JM	Soil-B	Grab	20	GYBR	B	10
4018	YC89527	532776.01	6844676.01	53N	E3575	MMC/JM	Soil-B	Grab	30	GYBR	B	10
4019	YC89527	532759.47	6844655.7	53N	E3550	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4020	YD10915	532745.89	6844633.8	53N	E3525	MMC/JM	Soil-B	Grab	40	GYBR	B	5
4021	YD10915	532728.94	6844616.42	53N	E3500	MMC/JM	Soil-B	Grab	30	BR	B	5
4022	YD10915	532714.43	6844596.21	53N	E3475	MMC/JM	Soil-B	Grab	30	BR	B	5
4023	YD10915	532701.61	6844576.49	53N	E3450	MMC/JM	Soil-B	Grab	30	BR	B	5
4024	YD10915	532510.56	6844341.68	53N	E3450	MMC/JM	Soil-B	Grab			B	
4025	YD10915	532682.61	6844557.1	53N	E3425	MMC/JM	Soil-B	Grab	40	BR	B	10
4026	YD10915	532671.28	6844535.38	53N	E3400	MMC/JM	Soil-B	Grab	30	BR	B	5
4027	YD10915	532652.3	6844515.24	53N	E3375	MMC/JM	Soil-B	Grab	30	T	B	5
4028	YD10915	532638.92	6844497.84	53N	E3350	MMC/JM	Soil-B	Grab	40	T	B	5
4029	YD10915	532620.7	6844476.28	53N	E3325	MMC/JM	Soil-B	Grab	40	T	B	5
4030	YD10915	532606.07	6844456.9	53N	E3300	MMC/JM	Soil-B	Grab	40	BR	B	5
4031	YD10915	532590.73	6844437.64	53N	E3275	MMC/JM	Soil-B	Grab	40	BR	B	5
4032	YD10915	532577.02	6844416.31	53N	E3250	MMC/JM	Soil-B	Grab	40	BR	B	10
4033	YD10915	532560.63	6844398.93	53N	E3225	MMC/JM	Soil-B	Grab	30	BR	B	10
4034	YD10915	532544.95	6844379.75	53N	E3200	MMC/JM	Soil-B	Grab	30	BR	B	5
4035	YD10915	532524.52	6844357.71	53N	E3175	MMC/JM	Soil-B	Grab	40	T	B	5
4036	YD10915	532510.56	6844341.68	53N	E3150	MMC/JM	Soil-B	Grab	30	BR	B	10
4037	YC72456	534603.15	6845721.79	45N	E5525	MMC/LF	Soil-B	Grab	20	GYBR	AM	5
4038	YC72456	534602	6845723.16	45N	E5525		Soil-B	Grab			AM	

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4039	YC72456	534585.37	6845702.97	45N	E5500	MMC/LF	Soil-B	Grab	20	GYBR	AM	5
4040	YC72456	534569.88	6845677.8	45N	E5475	MMC/LF	Soil-B	Grab	30	BR	AM	5
4041	YC72456	534554.93	6845651.28	45N	E5450	MMC/LF	Soil-B	Grab	20	BR	AM	5
4042	YC72444	534531.33	6845619.19	45N	E5400	MMC/LF	Soil-B	Grab	30	BR	AM	5
4043	YC72444	534515.94	6845600.26	45N	E5375	MMC/LF	Soil-B	Grab	30	BR	AM	5
4044	YC72444	534503.73	6845583.05	45N	E5350	MMC/LF	Soil-B	Grab	40	GYBR	AM	5
4045	YC72457	535089.28	6846257.19	4450N	E6250	MMC/LF	Soil-B	Grab	30	BR	AM	5
4046	YC72457	535073.71	6846236.46	4450N	E6225	MMC/LF	Soil-B	Grab	30	BR	AM	5
4047	YC72457	535058.1	6846215.79	4450N	E6200	MMC/LF	Soil-B	Grab	30	BR	AM	10
4048	YC72457	535042.29	6846196.86	4450N	E6175	MMC/LF	Soil-B	Grab	20	BR	AM	5
4049	YC72457	535029.55	6846175.5	4450N	E6150	MMC/LF	Soil-B	Grab	40	BR	AM	5
4050	YC72457	535015.25	6846158.43	4450N	E6125	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
4051	YC72457	534997.49	6846135.7	4450N	E6100	MMC/LF	Soil-B	Grab	30	BR	AM	5
4052	YC72457	534983.68	6846116.8	4450N	E6075	MMC/LF	Soil-B	Grab	20	OBR	AM	5
4053	YC72457	534967.28	6846099.48	4450N	E6050	MMC/LF	Soil-B	Grab	30	BR	B	5
4054	YC72457	534953.64	6846079.81	4450N	E6025	MMC/LF	Soil-B	Grab	20	GYBR	B	5
4055	YC72457	534936.18	6846058.68	4450N	E6000	MMC/LF	Soil-B	Grab	30	BR	AM	5
4056	YC72457	534922.78	6846038.16	4450N	E5975	MMC/LF	Soil-B	Grab	20	BR	AM	5
4057	YC72457	534905.44	6846020.63	4450N	E5950	MMC/LF	Soil-B	Grab	20	BR	B	5
4058	YC72457	534891.22	6846000.12	4450N	E5925	MMC/LF	Soil-B	Grab	20	OBR	B	5
4059	YC72457	534875.2	6845981.64	4450N	E5900	MMC/LF	Soil-B	Grab	30	BR	B	5
4060	YC72456	534857.5	6845960.59	4450N	E5875	MMC/LF	Soil-B	Grab	30	BR	AM	5
4061	YC72456	534844.71	6845942.52	4450N	E5850	MMC/LF	Soil-B	Grab	30	BR	AM	10
4062	YC72456	534826.69	6845920.95	4450N	E5825	MMC/LF	Soil-B	Grab	30	BR	AM	5
4063	YC72456	534813.61	6845903.02	4450N	E5800	MMC/LF	Soil-B	Grab	30	BR	AM	5
4064	YC72456	534798.47	6845881.95	4450N	E5775	MMC/LF	Soil-B	Grab	40	BR	AM	5
4065	YC72456	534783.34	6845859.07	4450N	E5750	MMC/LF	Soil-B	Grab	20	BR	AM	10
4066	YC72456	534752.04	6845823.09	4450N	E5700	MMC/LF	Soil-B	Grab	30	BR	B	5
4067	YC72456	534736.84	6845803.03	4450N	E5675	MMC/LF	Soil-B	Grab	20	BR	B	5
4068	YC72456	534720.49	6845782.87	4450N	E5650	MMC/LF	Soil-B	Grab	30	BR	B	10
4069	YC72456	534705.35	6845764.31	4450N	E5625	MMC/LF	Soil-C	Grab	40	GRY	B	10
4070	YC72456	534689.37	6845745.71	4450N	E5600	MMC/LF	Soil-B	Grab	40	GYBR	B	5
4071	YC72456	534673.96	6845724.83	4450N	E5575	MMC/LF	Soil-B	Grab	40	BR	B	5
4072	YC72456	534657.05	6845701.7	4450N	E5550	MMC/LF	Soil-B	Grab	40	BR	B	5
4073	YC72456	534641.19	6845686.53	4450N	E5525	MMC/LF	Soil-B	Grab	20	BR	B	5
4074	YC72456	534631.81	6845662.07	4450N	E5500	MMC/LF	Soil-B	Grab	30	T	B	5
4075	YC72456	534596.12	6845626.73	4450N	E5450	MMC/LF	Soil-B	Grab	40	GYBR	B	5
4076	YC72456	534594.72	6845622.54	4450N		MMC/LF	Soil-B	Grab				
4077	YC72444	534579.47	6845607.93	4450N	E5425	MMC/LF	Soil-B	Grab	20	BR	B	5
4078	YC72444	534564.27	6845589.49	4450N	E5400	MMC/LF	Soil-B	Grab	30	GYBR	B	5
4079	YC72444	534551.26	6845568.03	4450N	E5375	MMC/LF	Soil-B	Grab	20	GYBR	B	5
4080	YC72444	534538.31	6845547.15	4450N	E5350	MMC/LF	Soil-B	Grab	20	T	B	5
4081	YC72444	534520.79	6845524.22	4450N	E5325	MMC/LF	Soil-B	Grab	30	GYBR	B	5
4082	YC72444	534490.08	6845484.89	4450N	E5275	MMC/LF	Soil-B	Grab	30	GYBR	B	5
4083	YC72444	534422	6845481.17	45N	E5225	MMC/LF	Soil-B	Grab	20	GYBR	B	5
4084	YC72444	534476.47	6845467.17	4450N	E5250	MMC/LF	Soil-B	Grab	20	GYBR	B	5
4085	YC72444	534459.98	6845447.76	4450N	E5225	MMC/LF	Soil-B	Grab	20	GYBR	B	5
4086	YC72444	534444	6845422.17	4450N	E5200	MMC/LF	Soil-B	Grab	20	BR	B	5
4087	YC72444	534426.19	6845416.13	4450N	E5175	MMC/LF	Soil-B	Grab	40	GYBR	B	15
4088	YC72444	534382.19	6845347.74	4450N	E5100	MMC/NG	Soil-B	Grab	20	BR	B	5
4089	YC72444	534366.09	6845330.88	4450N	E5075	MMC/NG	Soil-B	Grab	30	BR	B	5
4090	YC72444	534351.37	6845309.81	4450N	E5050	MMC/NG	Soil-B	Grab	15	BR	B	5
4091	YC72444	534335.19	6845290.55	4450N	E5025	MMC/NG	Soil-B	Grab	20	BR	B	10
4092	YC72444	534318.66	6845271.24	4450N	E5000	MMC/NG	Soil-B	Grab	30	BR	B	10
4093	YC72443	534304.51	6845250.64	4450N	E4975	MMC/NG	Soil-B	Grab	30	BR	B	5
4094	YC72443	534289.73	6845229.13	4450N	E4950	MMC/NG	Soil-B	Grab	30	BR	B	10
4095	YC72443	534274.5	6845212.66	4450N	E4925	MMC/NG	Soil-B	Grab	40	BR	B	10
4096	YC72443	534259.48	6845190.82	4450N	E4900	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4097	YC72443	534244.38	6845171.64	4450N	E4875	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4098	YC72443	534228.52	6845155.35	4450N	E4850	MMC/NG	Soil-B	Grab	30	GYBR	B	10
4099	YC72443	534213.87	6845134.38	4450N	E4825	MMC/NG	Soil-B	Grab	40	BR	B	5
4100	YC72443	534198.44	6845116	4450N	E4800	MMC/NG	Soil-B	Grab	30	GYBR	B	10
4101	YC72443	534182.91	6845094.08	4450N	E4775	MMC/NG	Soil-B	Grab	30	BR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4102	YC72443	534167.17	6845073.33	4450N	E4750	MMC/NG	Soil-B	Grab	30	BR	B	5
4103	YC72443	534151.3	6845054.98	4450N	E4725	MMC/NG	Soil-B	Grab	30	BR	B	5
4104	YC72443	534134.61	6845038.38	4450N	E4700	MMC/NG	Soil-B	Grab	30	BR	B	5
4105	YC72443	534120.34	6845017.44	4450N	E4675	MMC/NG	Soil-B	Grab	40	BR	B	5
4106	YC72443	534108.36	6844996.06	4450N	E4650	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4107	YC72443	534093.09	6844975.55	4450N	E4625	MMC/NG	Soil-B	Grab	40	BR	B	15
4108	YC72443	534077.74	6844953.97	4450N	E4600	MMC/NG	Soil-B	Grab	40	BR	B	10
4109	YC72443	534060.05	6844935.58	4450N	E4575	MMC/NG	Soil-B	Grab	40	BR	B	10
4110	YC72443	534042.78	6844916.41	4450N	E4550	MMC/NG	Soil-B	Grab	30	GYBR	B	5
4111	YC72443	534026.7	6844898.45	4450N	E4525	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4112	YC72731	534014.5	6844876.98	4450N	E4500	MMC/NG	Soil-B	Grab	30	GYBR	B	10
4113	YC72731	533998.41	6844859.11	4450N	E4475	MMC/NG	Soil-B	Grab	40	BR	B	5
4114	YC72731	533982.35	6844838.06	4450N	E4450	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4115	YC72731	533965.21	6844820.06	4450N	E4425	MMC/NG	Soil-B	Grab	40	BR	B	5
4116	YC72731	533952.82	6844797.91	4450N	E4400	MMC/NG	Soil-B	Grab	30	BR	B	10
4117	YC72731	533993.12	6844770.83	44	E4400	MMC/NG	Soil-B	Grab	30	BR	B	0
4118	YC72731	534004.66	6844791.07	44	E4425	MMC/NG	Soil-B	Grab	30	BR	B	10
4119	YC72731	534022.1	6844811.21	44	E4450	MMC/NG	Soil-B	Grab	30	BR	B	5
4120	YC72731	534023.38	6844815.7	44	E4475	MMC/NG	Soil-B	Grab				
4121	YC72731	534036.61	6844828.99	44	E4500	MMC/NG	Soil-B	Grab	40	BR	B	10
4122	YC72731	534053.44	6844850.12	44	E4525	MMC/NG	Soil-B	Grab	30	GYBR	B	5
4123	YC72443	534070.67	6844867.43	44	E4550	MMC/NG	Soil-B	Grab	40	BR	B	10
4124	YC72443	534083.89	6844889.57	44	E4575	MMC/NG	Soil-B	Grab	40	BR	B	5
4125	YC72443	534098.06	6844907.69	44	E4600	MMC/NG	Soil-B	Grab	30	GYBR	B	5
4126	YC72443	534113.53	6844924.03	44	E4625	MMC/NG	Soil-B	Grab	30	BR	B	5
4127	YC72443	534129.06	6844945.39	44	E4650	MMC/NG	Soil-B	Grab	30	GYBR	B	15
4128	YC72443	534145.28	6844968.47	44	E4675	MMC/NG	Soil-B	Grab	40	BR	B	5
4129	YC72443	534159.64	6844985.44	44	E4700	MMC/NG	Soil-B	Grab	30	BR	B	10
4130	YC72443	534175.33	6845006.75	44	E4725	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4131	YC72443	534189.33	6845025.86	44	E4750	MMC/NG	Soil-B	Grab	20	BR	B	5
4132	YC72443	534205.85	6845047.69	44	E4775	MMC/NG	Soil-B	Grab	30	GYBR	B	10
4133	YC72443	534221.11	6845066.2	44	E4800	MMC/NG	Soil-B	Grab	30	BR	B	10
4134	YC72443	534236.44	6845084.66	44	E4825	MMC/NG	Soil-B	Grab	30	BR	B	5
4135	YC72443	534253	6845103.49	44	E4850	MMC/NG	Soil-B	Grab	30	BR	B	5
4136	YC72443	534266.82	6845124.74	44	E4875	MMC/NG	Soil-B	Grab	40	BR	B	5
4137	YC72443	534280.38	6845146.22	44	E4900	MMC/NG	Soil-B	Grab	40	GYBR	B	10
4138	YC72443	534298.17	6845164.97	44	E4925	MMC/NG	Soil-B	Grab	30	GYBR	B	5
4139	YC72443	534311.93	6845183.82	44	E4950	MMC/NG	Soil-C	Grab	40	GRY	B	15
4140	YC72443	534330.86	6845201.06	44	E4975	MMC/NG	Soil-B	Grab	40	GYBR	B	5
4141	YC72443	534347.02	6845220.21	44	E5000	MMC/NG	Soil-B	Grab	40	OBR	B	0
4142	YC72444	534361.5	6845240.72	44	E5025	MMC/NG	Soil-B	Grab	30	OBR	B	5
4143	YC72444	534375.59	6845264.68	44	E5050	MMC/NG	Soil-B	Grab	30	BR	B	5
4144	YC72444	534387.83	6845282.65	44	E5075	MMC/NG	Soil-B	Grab	30	BR	B	5
4145	YC72447	533489.02	6845505.5	5250N	E4675	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4146	YC72447	533473.34	6845487.18	5250N	E4650	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4147	YC72447	533456.99	6845467.03	5250N	E4625	MMC/JI	Soil-B	Grab	50	GYBR	AM	5
4148	YC72447	533444.2	6845448.72	5250N	E4600	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4149	YC72447	533428.01	6845429.3	5250N	E4575	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4150	YC72447	533412.73	6845408.69	5250N	E4550	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4151	YC72447	533397.82	6845389.85	5250N	E4525	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4152	YC72447	533381.35	6845370.06	5250N	E4500	MMC/JI	Soil-B	Grab	50	OBR	AM	5
4153	YC72447	533366.77	6845352.17	5250N	E4475	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4154	YC89528	533354.53	6845333.41	5250N	E4450	MMC/JI	Soil-B	Grab	30	OBR	B	10
4155	YC89528	533335.66	6845310.15	5250N	E4425	MMC/JI	Soil-B	Grab	40	OBR	B	5
4156	YC89528	533318.62	6845292.6	5250N	E4400	MMC/JI	Soil-B	Grab	50	OBR	B	5
4157	YC89528	533305.11	6845271.85	5250N	E4375	MMC/JI	Soil-B	Grab	30	OBR	B	10
4158	YC89528	533289.61	6845250.87	5250N	E4350	MMC/JI	Soil-B	Grab	50	GYBR	B	20
4159	YC89528	533272.61	6845229.52	5250N	E4325	MMC/JI	Soil-B	Grab	50	GYBR	B	0
4160	YC89528	533258.43	6845212.19	5250N	E4300	MMC/JI	Soil-B	Grab	30	GYBR	B	5
4161	YC89528	533242.57	6845193.23	5250N	E4275	MMC/JI	Soil-B	Grab	50	GYBR	B	5
4162	YC89528	533227.87	6845173.35	5250N	E4250	MMC/JI	Soil-B	Grab	30	GYBR	B	5
4164	YC89528	533212.98	6845152.98	5250N	E4225	MMC/JI	Soil-B	Grab	40	OBR	B	5
4165	YC89528	533198.04	6845133.72	5250N	E4200	MMC/JI	Soil-TF	Grab	60	GRY	AM	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4166	YC89528	533181.07	6845112.51	5250N	E4175	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4167	YC89528	533165.73	6845093.83	5250N	E4150	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4168	YC89528	533151.55	6845075.72	5250N	E4125	MMC/JI	Soil-TF	Grab	40	GRY	AM	15
4169	YC89528	533136.64	6845052.9	5250N	E4100	MMC/JI	Soil-TF	Grab	30	GRY	AM	5
4170	YC89528	533161.77	6845005.01	52N	E4075	MMC/JI	Soil-TF	Grab	30	GRY	AM	5
4171	YC89528	533176.21	6845024.51	52N	E4100	MMC/JI	Soil-TF	Grab	40	GRY	AM	5
4172	YC89528	533194.04	6845044.58	52N	E4125	MMC/JI	Soil-TF	Grab	30	GRY	AM	5
4173	YC89528	533206.97	6845065.55	52N	E4150	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4174	YC89528	533222.12	6845084.51	52N	E4175	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4175	YC89528	533236.49	6845104.21	52N	E4200	MMC/JI	Soil-B	Grab	30	GYBR	AM	5
4176	YC89528	533254.7	6845122.29	52N	E4225	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4177	YC89528	533268.61	6845145.29	52N	E4250	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4178	YC89528	533285.82	6845161.98	52N	E4275	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4179	YC89528	533300.14	6845181.26	52N	E4300	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4180	YC89528	533313.15	6845203.6	52N	E4325	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4181	YC89528	533329.89	6845222.55	52N	E4350	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4182	YC89528	533344.31	6845242.23	52N	E4375	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4183	YC89528	533358.18	6845263.59	52N	E4400	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4184	YC89528	533376.36	6845280.74	52N	E4425	MMC/JI	Soil-B	Grab	40	OBR	B	5
4185	YC89528	533391.34	6845299.77	52N	E4450	MMC/JI	Soil-B	Grab	40	OBR	B	10
4186	YC72447	533407.01	6845320.67	52N	E4475	MMC/JI	Soil-B	Grab	40	OBR	B	15
4187	YC72447	533406.67	6845322.07	52N	E4475	MMC/JI	Soil-B	Grab				
4188	YC72447	533421.16	6845342.34	52N	E4500	MMC/JI	Soil-B	Grab	30	OBR	B	5
4189	YC72447	533437.08	6845360.4	52N	E4525	MMC/JI	Soil-B	Grab	40	OBR	B	5
4190	YC72447	533451.57	6845379.33	52N	E4550	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4191	YC72447	533467.74	6845399.21	52N	E4575	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4192	YC72447	533498.83	6845437.72	52N	E4625	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4193	YC72447	533516.03	6845458.3	52N	E4650	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4194	YC72447	533529.43	6845477.44	52N	E4675	MMC/JI	Soil-B	Grab	20	OBR	AM	5
4195	YC72733	533214.89	6844992.58	5150N	E4100	MMC/JI	Soil-B	Grab	30	GYBR	AM	5
4196	YC72733	533230.86	6845010.27	5150N	E4125	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4197	YC72733	533244.3	6845029.82	5150N	E4150	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4198	YC72733	533259.38	6845052.03	5150N	E4175	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4199	YC72733	533274.19	6845071.43	5150N	E4200	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4200	YC72733	533292.94	6845091.79	5150N	E4225	MMC/JI	Soil-B	Grab	30	GYBR	AM	5
4201	YC72733	533307.61	6845112.54	5150N	E4250	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4202	YC72733	533323.36	6845130.11	5150N	E4275	MMC/JI	Soil-B	Grab	30	GYBR	AM	5
4203	YC72448	533599.16	6846057.32	55N	E4175	MMC/JI	Soil-TF	Grab	30	GRY	AM	0
4204	YC72448	533614.46	6846076.39	55N	E4200	MMC/JI	Soil-B	Grab	40	OBR	AM	10
4205	YC72448	533635.54	6846096.2	55N	E4225	MMC/JI	Soil-B	Grab	40	OBR	AM	10
4206	YC72448	533647.36	6846115.25	55N	E4250	MMC/JI	Soil-B	Grab	40	OBR	AM	10
4207	YC72448	533662.85	6846139.18	55N	E4275	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4208	YC72448	533677.8	6846155.17	55N	E4300	MMC/JI	Soil-B	Grab	40	GYBR	AM	5
4209	YC72448	533694.32	6846178.51	55N	E4325	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4210	YC72448	533708.07	6846196.5	55N	E4350	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4211	YC72448	533726.97	6846213.28	55N	E4375	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4212	YC73848	533740.29	6846232.63	55N	E4400	MMC/JI	Soil-B	Grab	40	OBR	AM	10
4213	YC73848	533756.67	6846253.14	55N	E4425	MMC/JI	Soil-B	Grab	40	OBR	AM	10
4214	YC73848	533769.59	6846275.73	55N	E4450	MMC/JI	Soil-B	Grab	30	OBR	AM	10
4215	YC73848	533786.04	6846293.89	55N	E4475	MMC/JI	Soil-B	Grab	50	OBR	AM	10
4216	YC73848	533803.16	6846315.46	55N	E4500	MMC/JI	Soil-B	Grab	30	GYBR	AM	5
4217	YC73848	533819.02	6846333.72	55N	E4525	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4218	YC73848	533833.88	6846354.71	55N	E4550	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4219	YC73848	533846.83	6846372.51	55N	E4575	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4220	YC73848	533862.03	6846396.13	55N	E4600	MMC/JI	Soil-B	Grab	30	OBR	AM	5
4221	YC73848	533884.81	6846412.41	55N	E4625	MMC/JI	Soil-B	Grab	20	GYBR	AM	0
4222	YC73848	533896.73	6846431.83	55N	E4650	MMC/JI	Soil-B	Grab	40	OBR	AM	5
4223	YC73848	533897.26	6846431.17	55N	E4650	MMC/JI	Soil-B	Grab				
4224	YC73848	533854.27	6846460.51	5550N	E5650	MMC/TM	Soil-B	Grab	30	OBR	AM	10
4225	YC73848	533839.88	6846440.46	5550N	E5625	MMC/TM	Soil-B	Grab	30	OBR	AM	5
4299	YC72455	535105.96	6846111.16	4350	6150	LF/TM	Soil-B	Grab	50	GYBR	B	5
4300	YC72455	535091.54	6846094.36	4350	6125	LF/TM	Soil-B	Grab	30	BR	B	5
4301	YC72455	535078.26	6846075.73	4350	6100	LF/TM	Soil-B	Grab	30	BR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4302	YC72457	535059.31	6846059.61	4350	6075	LF/TM	Soil-B	Grab	30	BR	B	10
4303	YC72457	535044.29	6846038.19	4350	6050	LF/TM	Soil-B	Grab	30	BR	B	5
4304	YC72457	535028.24	6846018.98	4350	6025	LF/TM	Soil-B	Grab	20	BR	B	5
4305	YC72457	535013.71	6845996.94	4350	6000	LF/TM	Soil-B	Grab	30	OBR	B	5
4306	YC72457	534996.24	6845977.95	4350	5975	LF/TM	Soil-B	Grab	20	OBR	B	10
4307	YC72457	534982.39	6845955.29	4350	5950	LF/TM	Soil-B	Grab	30	BR	B	5
4308	YC72457	534970.09	6845936.84	4350	5925	LF/TM	Soil-B	Grab	20	BR	B	5
4309	YC72456	534951.23	6845915.14	4350	5900	LF/TM	Soil-B	Grab	30	BR	B	5
4310	YC72456	534942.14	6845897.87	4350	5875	LF/TM	Soil-B	Grab	30	BR	B	5
4311	YC72456	534920.19	6845877.37	4350	5850	LF/TM	Soil-B	Grab	30	BR	B	0
4312	YC72456	534908.98	6845863.99	4350	5825	LF/TM	Soil-B	Grab	30	BR	B	0
4313	YC72456	534889	6845841.27	4350	5800	LF/TM	Soil-B	Grab	30	BR	B	5
4314	YC72456	534876.38	6845819.84	4350	5775	LF/TM	Soil-B	Grab	30	BR	B	0
4315	YC72456	534859.79	6845803.66	4350	5750	LF/TM	Soil-B	Grab	30	BR	AM	5
4316	YC72456	534844.53	6845781.94	4350	5725	LF/TM	Soil-B	Grab	30	BR	AM	5
4317	YC72456	534828.47	6845760.32	4350	5700	LF/TM	Soil-B	Grab	40	BR	AM	5
4318	YC72456	534814.1	6845745.02	4350	5675	LF/TM	Soil-B	Grab	30	BR	AM	5
4319	YC72456	534798.91	6845718.82	4350	5650	LF/TM	Soil-B	Grab	30	BR	AM	10
4320	YC72456	534779.12	6845702.31	4350	5625	LF/TM	Soil-B	Grab	40	BR	AM	5
4321	YC72456	534765.82	6845681.71	4350	5600	LF/TM	Soil-B	Grab	30	BR	AM	5
4322	YC72456	534752.13	6845662.39	4350	5575	LF/TM	Soil-B	Grab	30	BR	AM	5
4323	YC72456	534739.17	6845644.9	4350	5550	LF/TM	Soil-B	Grab	20	BR	AM	5
4324	YC72456	534716.33	6845619.06	4350	5525	LF/TM	Soil-B	Grab	30	GYBR	B	0
4395	YC72456	534708.17	6845606.08	4350	5500	LF/TM	Soil-B	Grab	20	BR	B	20
4396	YC72456	534688.26	6845580.71	4350	5475	LF/TM	Soil-B	Grab	30	BR	B	5
4397	YC72444	534662.45	6845547.09	4350	5425	LF/TM	Soil-B	Grab	30	GY	B	5
4398	YC72444	534624.19	6845504.72	4350	5375	LF/TM	Soil-B	Grab	30	BR	B	5
4399	YC72444	534615.07	6845490.15	4350	5350	LF/TM	Soil-B	Grab	30	BR	B	5
4400	YC72444	534568.07	6845428.78	4350	5275	LF/TM	Soil-B	Grab	20	BR	B	5
4401	YC72444	534551.91	6845405.54	4350	5250	LF/TM	Soil-B	Grab	20	BR	B	5
4402	YC72444	534538.22	6845387.49	4350	5225	LF/TM	Soil-B	Grab	30	BR	B	5
4403	YC72444	534522.75	6845368.32	4350	5200	LF/TM	Soil-B	Grab	40	BR	B	5
4404	YC72444	534510.26	6845350.69	4350	5175	LF/TM	Soil-B	Grab	40	BR	B	5
4411	YC72444	534474.61	6845306.88	4350	5125	AH/LF	Soil-B	Grab	30	GY	AM	0
4412	YC72444	534459.99	6845287.33	4350	5100	AH/LF	Soil-B	Grab	30	BR	AM	10
4413	YC72444	534442.96	6845271.2	4350	5075	AH/LF	Soil-TF	Grab	10	GYBR	AM	0
4414	YC72444	534426.6	6845249.93	4350	5050	AH/LF	Soil-B	Grab	30	ROBR	AM	0
4415	YC72444	534417.09	6845231.99	4350	5025	AH/LF	Soil-B	Grab	30	ROBR	AM	0
4416	YC72444	534397.11	6845210.3	4350	5000	AH/LF	Soil-B	Grab	30	ROBR	AM	0
4417	YC72443	534378.52	6845189.84	4350	4975	AH/LF	Soil-B	Grab	30	ROBR	AM	0
4418	YC72443	534367.73	6845169.79	4350	4950	AH/LF	Soil-B	Grab	50	GY	B	5
4419	YC72443	534351.87	6845150.17	4350	4925	AH/LF	Soil-B	Grab	30	GY	BF	0
4420	YC72443	534337.83	6845129.81	4350	4900	AH/LF	Soil-B	Grab	30	ROBR	AM	0
4421	YC72443	534321.24	6845109.51	4350	4875	AH/LF	Soil-B	Grab	20	ROBR	BF	5
4422	YC72443	534306.17	6845095.25	4350	4850	AH/LF	Soil-B	Grab	20	ROBR	BF	5
4423	YC72443	534290.58	6845074.07	4350	4825	AH/LF	Soil-B	Grab	30	ROBR	B	5
4424	YC72443	534275.22	6845053.6	4350	4800	AH/LF	Soil-B	Grab	30	ROBR	BF	5
4425	YC72443	534259.48	6845033.53	4350	4775	AH/LF	Soil-B	Grab	30	ROBR	BF	5
4426	YC72457	534867.8	6846211.97	4600	6075	NG/JW	Soil-B	Grab	30	ROBR	B	5
4427	YC72457	534850.17	6846193.9	4600	6050	NG/JW	Soil-B	Grab	35	ROBR	B	5
4428	YC72457	534837.16	6846171.31	4600	6025	NG/JW	Soil-B	Grab	40	ROBR	B	5
4429	YC72457	534816.89	6846154.67	4600	6000	NG/JW	Soil-B	Grab	40	ROBR	B	5
4430	YC72457	534803.27	6846132.19	4600	5975	NG/JW	Soil-B	Grab	30	ROBR	B	5
4431	YC72457	534789.67	6846112.82	4600	5950	NG/JW	Soil-B	Grab	30	GYBR	B	5
4432	YC72457	534773.34	6846094.96	4600	5925	NG/JW	Soil-B	Grab	20	GYBR	B	5
4433	YC72457	534758.02	6846075.22	4600	5900	NG/JW	Soil-B	Grab	30	ROBR	B	5
4434	YC72456	534743	6846056.1	4600	5875	NG/JW	Soil-B	Grab	40	ROBR	B	5
4435	YC72456	534725.01	6846035.76	4600	5850	NG/JW	Soil-B	Grab	25	GYBR	B	5
4436	YC72456	534710.97	6846016.35	4600	5825	NG/JW	Soil-B	Grab	30	ROBR	B	5
4437	YC72456	534695.09	6845997.27	4600	5800	NG/JW	Soil-B	Grab	30	ROBR	B	5
4438	YC72456	534679.9	6845975.92	4600	5775	NG/JW	Soil-B	Grab	40	ROBR	B	5
4439	YC72456	534665.92	6845953.76	4600	5750	NG/JW	Soil-B	Grab	30	ROBR	B	5
4440	YC72456	534650.4	6845936.65	4600	5725	NG/JW	Soil-B	Grab	30	GYBR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4441	YC72456	534634.62	6845918.31	4600	5700	NG/JW	Soil-B	Grab	30	ROBR	B	5
4442	YC72456	534619.04	6845896.88	4600	5675	NG/JW	Soil-B	Grab	20	GYBR	B	10
4443	YC72456	534604.19	6845876.57	4600	5650	NG/JW	Soil-B	Grab	30	ROBR	B	5
4444	YC72456	534589.15	6845857.82	4600	5625	NG/JW	Soil-B	Grab	30	ROBR	B	5
4445	YC72456	534573.15	6845838.25	4600	5600	NG/JW	Soil-B	Grab	30	GYBR	B	5
4446	YC72456	534557.29	6845819.72	4600	5575	NG/JW	Soil-B	Grab	30	GYBR	B	5
4447	YC72456	534542.71	6845799.27	4600	5550	NG/JW	Soil-B	Grab	30	GYBR	B	10
4448	YC72456	534529.98	6845779.43	4600	5525	NG/JW	Soil-B	Grab	30	GYBR	B	5
4449	YC72456	534513.42	6845759.62	4600	5500	NG/JW	Soil-B	Grab	30	GYBR	B	5
4450	YC72456	534497.2	6845741.11	4600	5475	NG/JW	Soil-B	Grab	30	GYBR	B	5
4451	YC72456	534484.21	6845724.07	4600	5450	NG/JW	Soil-B	Grab	30	GYBR	B	5
4452	YC72444	534471.44	6845694.15	4600	5425	NG/JW	Soil-B	Grab	20	GYBR	B	10
4453	YC72444	534452.07	6845683.8	4600	5400	NG/JW	Soil-B	Grab	20	GYBR	B	5
4454	YC72444	534435.66	6845667.52	4600	5375	NG/JW	Soil-B	Grab	20	ROBR	B	5
4455	YC72444	534419.74	6845640.67	4600	5350	NG/JW	Soil-B	Grab	20	ROBR	B	5
4456	YC72444	534402.62	6845623.48	4600	5325	NG/JW	Soil-B	Grab	20	GYBR	B	5
4457	YC72444	534389.55	6845602.11	4600	5300	NG/JW	Soil-B	Grab	30	GYBR	B	5
4458	YC72444	534372.6	6845582.42	4600	5275	NG/JW	Soil-B	Grab	45	GYBR	B	5
4459	YC72444	534358.93	6845564.53	4600	5250	NG/JW	Soil-B	Grab	25	GYBR	B	5
4460	YC72444	534341.81	6845543.99	4600	5225	NG/JW	Soil-B	Grab	15	GYBR	B	5
4461	YC72444	534328.21	6845524.94	4600	5200	NG/JW	Soil-B	Grab	20	ROBR	B	5
4462	YC72444	534310.99	6845500.12	4600	5175	NG/JW	Soil-TF	Grab	30	GY	B	20
4463	YC72444	534297.18	6845485.88	4600	5150	NG/JW	Soil-B	Grab	30	GYBR	B	5
4464	YC72444	534297.18	6845485.88	4600	5150	NG/JW	Soil-B	Grab	30	GYBR	B	5
4465	YC72733	533209.72	6844906.34	5100N	4025E	JW/TM	Soil-B	Grab	30	ROBR	AM	5
4466	YC72732	533193.11	6844885.36	5100N	4000E	JW/TM	Soil-B	Grab	30	GYBR	B	5
4467	YC72732	533179.14	6844865.29	5100N	3975E	JW/TM	Soil-B	Grab	30	GYBR	B	5
4468	YC72732	533163.55	6844848.22	5100N	3950E	JW/TM	Soil-B	Grab	30	ROBR	B	5
4469	YC72732	533147.85	6844827.19	5100N	3925E	JW/TM	Soil-B	Grab	30	ROBR	B	5
4470	YC72732	533131.79	6844808.83	5100N	3900E	JW/TM	Soil-B	Grab	30	GYBR	B	5
4471	YC72732	533118.21	6844784.9	5100N	3875E	JW/TM	Soil-B	Grab	30	GYBR	B	5
4472	YC72732	533102	6844765.62	5100N	3850E	JW/TM	Soil-B	Grab	30	GYBR	B	5
4473	YC72732	533085.49	6844749.99	5100N	3825E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4474	YC72732	533072.61	6844724.96	5100N	3800E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4475	YC72732	533056.05	6844709.65	5100N	3775E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4476	YC72732	533040.33	6844689.49	5100N	3750E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4477	YC72732	533024.27	6844670.08	5100N	3725E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4478	YC72732	533009.69	6844649.61	5100N	3700E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4479	YC72732	532996.25	6844630.71	5100N	3675E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4480	YC72732	532977.82	6844610.05	5100N	3650E	JW/TM	Soil-B	Grab	30	GYBR	BF	5
4481	YC72732	532964.01	6844591.86	5100N	3625E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4482	YC72732	532946.34	6844568.24	5100N	3600E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4483	YC72732	532932.46	6844550.15	5100N	3575E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4484	YC72732	532932.46	6844550.15	5100N	3575E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4485	YC72732	532916.39	6844533.3	5100N	3550E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4486	YD07128	532899.67	6844511.17	5100N	3525E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4487	YD07128	532885.71	6844494.43	5100N	3500E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4488	YD07128	532872.02	6844473.52	5100N	3475E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4489	YD07128	532855.35	6844453.42	5100N	3450E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4490	YD07128	532842.23	6844433.88	5100N	3425E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4491	YD07128	532822.88	6844412.65	5100N	3400E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4492	YD07128	532808.23	6844394.55	5100N	3375E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4493	YD07128	532793.67	6844375	5100N	3350E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4494	YD07128	532780.35	6844354.9	5100N	3325E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4495	YD07128	532767.07	6844335.21	5100N	3300E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4496	YD07128	532747.68	6844313.5	5100N	3275E	JW/TM	Soil-B	Grab	30	ROBR	BF	5
4501	YD10913	533453	6842937	37N	2625E		Soil-B	Grab	50	GYBR	BF	5
4502	YD10913	533436	6842916	37N	2600E		Soil-C	Grab	60	GYBR	BF	0
4503	YD10913	533421	6842907	37N	2575E		Soil-C	Grab	50	GYBR	BF	0
4504	YD10913	533401	6842887	37N	2550E		Soil-B	Grab	60	T	BF	0
4505	YD10913	533403	6842863	37N	2525E		Soil-B	Grab	50	T	BF	0
4506	YD10913	533370	6842833	37N	2500E		Soil-C	Grab	90	OBR	BF	0
4507	YD10913	533357	6842823	37N	2475E		Soil-C	Grab	60	T	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4508	YD10913	533343	6842802	37N	2450E		Soil-C	Grab	80	T	BF	0
4509	YD10913	533328	6842783	37N	2425E		Soil-B	Grab	70	GYBR	BF	0
4510	YD10913	533313	6842763	37N	2400E		Soil-B	Grab	90	GYBR	BF	30
4511	YD10913	533297	6842743	37N	2375E		Soil-C	Grab	90	GYBR	BF	0
4512	YD10913	533288	6842725	37N	2350E		Soil-C	Grab	90	GYBR	BF	0
4513	YD10913	533265	6842704	37N	2325E		Soil-B	Grab	90	GYBR	BF	0
4514	YD10913	533256	6842687	37N	2300E		Soil-B	Grab	90	GYBR	BF	0
4515	YD10913	533233	6842664	37N	2275E		Soil-B	Grab	60	GYBR	BF	0
4516	YD10913	533221	6842646	37N	2250E		Soil-C	Grab	80	T	BF	0
4517	YD10912	533205	6842623	37N	2225E		Soil-C	Grab	70	GYBR	BF	0
4518	YD10912	533191	6842605	37N	2200E		Soil-C	Grab	70	T	BF	0
4519	YD10912	533173	6842580	37N	2175E		Soil-C	Grab	90	GY	BF	0
4520	YD10912	533159	6842567	37N	2150E		Soil-C	Grab	90	ROBR	BF	0
4521	YD10912	533148	6842545	37N	2125E		Soil-B	Grab	60	GYBR	BF	0
4522	YD10912	533128	6842530	37N	2100E		Soil-B	Grab	50	ROBR	BF	0
4523	YD10912	533113	6842503	37N	2075E		Soil-B	Grab	50	GYBR	BF	0
4524	YD10912	533098	6842490	37N	2050E		Soil-B	Grab	50	GYBR	BF	0
4525	YD10912	533082	6842467	37N	2025E		Soil-B	Grab	50	GYBR	BF	0
4526	YD18939	533066	6842447	37N	2000E		Soil-C	Grab	70	GYBR	BF	0
4527	YD18939	533049	6842429	37N	1975E		Soil-C	Grab	60	T	BF	0
4528	YD18939	533034	6842408	37N	1950E		Soil-B	Grab	50	GYBR	BF	0
4529	YD18939	533022	6842387	37N	1925E		Soil-B	Grab	60	GYBR	BF	0
4530	YD18939	533007	6842369	37N	1900E		Soil-B	Grab	50	GY	BF	0
4531	YD18939	532988	6842349	37N	1875E		Soil-B	Grab	40	T	BF	0
4532	YD18939	532973	6842329	37N	1850E		Soil-B	Grab	70	GYBR	BF	0
4533	YD18939	532958	6842310	37N	1825E		Soil-B	Grab	70	GYBR	BF	0
4534	YD18939	532942	6842290	37N	1800E		Soil-B	Grab	60	GYBR	BF	0
4535	YD29184	532927	6842271	37N	1775E		Soil-B	Grab	70	T	BF	0
4536	YD07122	534041	6843211	34N	3200E		Soil-B	Grab	40	OBR	BF	10
4537	YD07122	534027	6843193	34N	3175E		Soil-B	Grab	30	OBR	BF	10
4538	YD07121	534011	6843171	34N	3150E		Soil-B	Grab	30	OBR	BF	10
4539	YD07121	533993	6843151	34N	3125E		Soil-B	Grab	40	OBR	BF	10
4540	YD07121	533981	6843129	34N	3100E		Soil-B	Grab	50	GYBR	BF	0
4541	YD07121	533964	6843111	34N	3075E		Soil-B	Grab	40	OBR	BF	0
4542	YD07121	533946	6843091	34N	3050E		Soil-B	Grab	50	OBR	BF	0
4543	YD07121	533931	6843070	34N	3025E		Soil-B	Grab	30	OBR	BF	20
4544	YD07121	533916	6843048	34N	3000E		Soil-B	Grab	30	OBR	BF	20
4545	YD07121	533905	6843031	34N	2975E		Soil-B	Grab	30	OBR	BF	20
4546	YD07121	533892	6843010	34N	2950E		Soil-B	Grab	40	OBR	BF	20
4547	YD07121	533874	6842993	34N	2925E		Soil-B	Grab	40	GYBR	BF	20
4548	YD07121	533851	6842975	34N	2900E		Soil-C	Grab	50	GYBR	BF	10
4549	YD07121	533841	6842951	34N	2875E		Soil-C	Grab	50	GY	BF	10
4550	YD07121	533820	6842933	34N	2850E		Soil-C	Grab	70	BR	BF	10
4551	YD07121	533807	6842910	34N	2825E		Soil-C	Grab	70	GYBR	BF	0
4552	YD07121	533797	6842900	34N	2800E		Soil-B	Grab	60	GYBR	BF	10
4553	YD07121	533778	6842873	34N	2775E		Soil-B	Grab	60	ROBR	BF	10
4554	YD07121	533763	6842849	34N	2750E		Soil-B	Grab	50	ROBR	BF	10
4555	YD10913	533746	6842828	34N	2725E		Soil-B	Grab	40	OBR	BF	10
4556	YD10913	533732	6842812	34N	2700E		Soil-B	Grab	80	T	BF	0
4557	YD10913	533721	6842796	34N	2675E		Soil-B	Grab	50	GYBR	BF	10
4558	YD10913	533701	6842769	34N	2650E		Soil-B	Grab	70	GYBR	BF	10
4559	YD10913	533688	6842752	34N	2625E		Soil-B	Grab	60	ROBR	BF	20
4560	YD10913	533668	6842729	34N	2600E		Soil-B	Grab	60	GYBR	BF	0
4561	YD10913	533651	6842715	34N	2575E		Soil-B	Grab	70	GYBR	BF	50
4562	YD10913	533639	6842698	34N	2550E		Soil-B	Grab	80	GY	BF	40
4563	YD10913	533626	6842673	34N	2525E		Soil-B	Grab	80	T	BF	10
4564	YD10913	533611	6842664	34N	2500E		Soil-B	Grab	90	GYBR	BF	10
4565	YD10913	533588	6842634	34N	2475E		Soil-B	Grab	70	T	BF	10
4566	YD10913	533578	6842616	34N	2450E		Soil-B	Grab	70	T	BF	10
4567	YD10913	533563	6842595	34N	2425E		Soil-B	Grab	70	T	BF	10
4568	YD10913	533555	6842581	34N	2400E		Soil-B	Grab	60	T	BF	0
4569	YD10913	533533	6842556	34N	2375E		Soil-B	Grab	80	T	BF	0
4570	YD10913	533515	6842538	34N	2350E		Soil-B	Grab	50	OBR	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4571	YD10913	533501	6842518	34N	2325E		Soil-B	Grab	50	T	BF	0
4572	YD10913	533487	6842499	34N	2300E		Soil-B	Grab	30	ROBR	BF	0
4573	YD10913	533469	6842477	34N	2275E		Soil-B	Grab	40	T	BF	0
4574	YD10912	533453	6842463	34N	2250E		Soil-B	Grab	60	GYBR	BF	10
4575	YD10912	533436	6842441	34N	2225E		Soil-B	Grab	40	T	BF	0
4576	YD10912	533420	6842421	34N	2200E		Soil-B	Grab	70	T	BF	10
4577	YD10912	533406	6842395	34N	2175E		Soil-B	Grab	60	T	BF	10
4578	YD10912	533394	6842375	34N	2150E		Soil-B	Grab	60	T	BF	10
4579	YD10912	533377	6842362	34N	2125E		Soil-B	Grab	60	GYBR	BF	0
4580	YD10912	533353	6842341	34N	2100E		Soil-B	Grab	50	GYBR	BF	0
4581	YD10912	533347	6842319	34N	2075E		Soil-B	Grab	60	T	BF	10
4582	YD10912	533329	6842300	34N	2050E		Soil-B	Grab	80	GY	BF	10
4583	YD10912	533322	6842284	34N	2025E		Soil-B	Grab	80	GYBR	BF	10
4584	YD10912	533305	6842260	34N	2000E		Soil-B	Grab	90	T	BF	10
4585	YD10912	533282	6842240	34N	1975E		Soil-B	Grab	80	GY	BF	0
4586	YD10912	533264	6842222	34N	1950E		Soil-B	Grab	70	GY	BF	0
4587	YD10912	533257	6842208	34N	1925E		Soil-B	Grab	80	GY	BF	10
4588	YD10912	533235	6842183	34N	1900E		Soil-B	Grab	70	T	BF	0
4589	YD10912	533219	6842160	34N	1875E		Soil-B	Grab	70	T	BF	0
4590	YD10912	533207	6842141	34N	1850E		Soil-B	Grab	40	ROBR	BF	0
4591	YD10912	533193	6842124	34N	1825E		Soil-B	Grab	60	GYBR	BF	10
4592	YD58297	533177	6842108	34N	1800E		Soil-B	Grab	60	GYBR	BF	10
4593	YD58297	533164	6842084	34N	1775E		Soil-B	Grab	60	GY	BF	10
4594	YD58297	533146	6842065	34N	1750E		Soil-B	Grab	80	GYBR	BF	10
4595	YC72731	533850	6844843	4550N	4375E		Soil-B	Grab	50	BR	AM	30
4596		533835	6844820	4550N	4350E		Soil-B	Grab	40	BR	AM	20
4597	YC72731	533821	6844801	4550N	4325E		Soil-B	Grab	30	BR	AM	20
4598				4550N	4300E		Soil-B	Grab	20	GYBR	AM	10
4599				4550N	4275E		Soil-B	Grab	30	GYBR	AM	0
4600	YC72731	533899	6844811	4500N	4375E		Soil-B	Grab	40	GYBR	AM	10
4601	YC72731	533884	6844790	4500N	4350E		Soil-B	Grab	40	GYBR	AM	10
4602				4500N	4325E		Soil-B	Grab	20	GYBR	AM	20
4603				4500N	4300E		Soil-B	Grab	30	GYBR	AM	30
4604				4500N	4275E		Soil-B	Grab	60	GYBR	AM	0
4605				4450N	4375E		Soil-B	Grab	50	BR	AM	10
4606	YC72731	533921	6844762	4450N	4350E		Soil-B	Grab	60	BR	AM	10
4607	YC72731	533903	6844739	4450N	4325E		Soil-B	Grab	40	GY	AM	0
4608	YC72731	533888	6844716	4450N	4300E		Soil-B	Grab	40	GYBR	AM	10
4609	YC72731	533871	6844700	4450N	4275E		Soil-B	Grab	50	BR	AM	10
4610	YC72731	533917	6844671	4400N	4275E		Soil-B	Grab	70	GYBR	AM	0
4611	YC72731	533931	6844691	4400N	4300E		Soil-B	Grab	50	GYBR	AM	0
4612	YC72731	533944	6844711	4400N	4325E		Soil-B	Grab	50	GYBR	AM	0
4613	YC72731	533961	6844728	4400N	4350E		Soil-B	Grab	60	GYBR	AM	10
4614	YC72731	533976	6844752	4400N	4375E		Soil-B	Grab	70	BR	AM	10
4615	YC72731	534015	6844720	4350N	4375E		Soil-B	Grab	40	GYBR	AM	0
4616	YC72731	533997	6844701	4350N	4350E		Soil-B	Grab	30	BR	AM	10
4617	YC72731	533980	6844682	4350N	4325E		Soil-B	Grab	40	GYBR	AM	0
4618	YC72731	533968	6844663	4350N	4300E		Soil-B	Grab	40	GYBR	AM	0
4619	YC72731	533953	6844639	4350N	4275E		Soil-B	Grab	80	GYBR	AM	10
4620	YC72731	533991	6844611	4300N	4275E		Soil-B	Grab	70	GY	AM	0
4621	YC72731	534009	6844629	4300N	4300E		Soil-C	Grab	10	GY	AM	10
4622	YC72731	534025	6844649	4300N	4325E		Soil-B	Grab	10	GYBR	AM	10
4623	YC72731	534040	6844669	4300N	4350E		Soil-B	Grab	10	GYBR	AM	10
4624	YC72731	534055	6844688	4300N	4375E		Soil-B	Grab	10	GYBR	AM	10
4625	YC72729	534093	6844655	4250N	4375E		Soil-B	Grab	10	GYBR	BF	10
4626	YC72729	534077	6844635	4250N	4350E		Soil-B	Grab	10	GYBR	BF	10
4627	YC72729	534062	6844616	4250N	4325E		Soil-B	Grab	10	GYBR	BF	10
4628	YC72729	534046	6844596	4250N	4300E		Soil-B	Grab	10	GYBR	BF	10
4629	YC72729	534031	6844576	4250N	4275E		Soil-B	Grab	0	GY	BF	10
4630	YC72729	534073	6844548	4200N	4275E		Soil-B	Grab	10	BR	BF	10
4631	YC72729	534088	6844568	4200N	4300E		Soil-B	Grab	0	GYBR	BF	0
4632	YC72729	534103	6844587	4200N	4325E		Soil-B	Grab	0	GYBR	BF	0
4633	YC72729	534119	6844607	4200N	4350E		Soil-B	Grab	0	GYBR	BF	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
4634	YC72729	534134	6844627	4200N	4375E		Soil-B	Grab	0	GYBR	BF	0
4635	YC72729	534171	6844593	4150N	4375E		Soil-B	Grab	10	GYBR	BF	0
4636	YC72729	534156	6844574	4150N	4350E		Soil-B	Grab	0	GYBR	BF	10
4637	YC72729	534141	6844554	4150N	4325E		Soil-B	Grab	10	GYBR	BF	0
4638	YC72729	534125	6844534	4150N	4300E		Soil-B	Grab	10	GYBR	BF	10
4639	YC72729	534110	6844515	4150N	4275E		Soil-B	Grab	0	GYBR	BF	10
4640	YC72729	534151	6844486	4100N	4275E		Soil-B	Grab	10	GYBR	BF	0
4641	YC72729	534167	6844506	4100N	4300E		Soil-B	Grab	10	GY	BF	10
4642	YC72729	534182	6844526	4100N	4325E		Soil-B	Grab	0	GY	BF	10
4643	YC72729	534198	6844546	4100N	4350E		Soil-B	Grab	0	BR	BF	0
4644	YC72729	534213	6844565	4100N	4375E		Soil-B	Grab	20	GY	BF	0
4645	YC72729	534250	6844532	4050N	4375E		Soil-B	Grab	10	GY	BF	20
4647	YC72729	534219	6844492	4050N	4325E		Soil-B	Grab	20	GYBR	BF	20
4648	YC72729	534204	6844473	4050N	4300E		Soil-B	Grab	0	GYBR	BF	0
4649	YC72729	534188	6844453	4050N	4275E		Soil-B	Grab	10	GYBR	BF	10
5001	YD07122	534118	6843147	33N	3200E		Soil-B	Grab	40	GYBR	BF	40
5002	YD07122	534107	6843129	33N	3175E		Soil-B	Grab	30	T	BF	10
5003	YD07121	534089	6843105	33N	3150E		Soil-B	Grab	30	GYBR	BF	40
5004	YD07121	534073	6843082	33N	3125E		Soil-B	Grab	50	T	BF	0
5005	YD07121	534061	6843063	33N	3100E		Soil-C	Grab	70	GY	BF	10
5006	YD07121	534044	6843049	33N	3075E		Soil-B	Grab	40	GYBR	BF	10
5007	YD07121	534027	6843031	33N	3050E		Soil-B	Grab	30	BR	BF	10
5008	YD07121	534016	6843007	33N	3025E		Soil-B	Grab	30	T	BF	20
5009	YD07121	533994	6842986	33N	3000E		Soil-B	Grab	60	BR	BF	10
5010	YD07121	533985	6842965	33N	2975E		Soil-B	Grab	60	GYBR	BF	20
5011	YD07121	533972	6842950	33N	2950E		Soil-B	Grab	50	GYBR	BF	10
5012	YD07121	533948	6842924	33N	2925E		Soil-B	Grab	50	GYBR	BF	10
5013	YD07121	533933	6842910	33N	2900E		Soil-B	Grab	70	T	BF	0
5014	YD07121	533917	6842900	33N	2875E		Soil-B	Grab	50	T	BF	10
5015	YD07121	533902	6842866	33N	2850E		Soil-B	Grab	50	T	BF	0
5016	YD07121	533887	6842850	33N	2825E		Soil-B	Grab	60	T	BF	10
5017	YD07121	533867	6842824	33N	2800E		Soil-B	Grab	30	BR	BF	10
5018	YD07121	533853	6842803	33N	2775E		Soil-B	Grab	50	GYBR	BF	10
5019	YD07121	533842	6842791	33N	2750E		Soil-B	Grab	60	T	BF	10
5020	YD07121	533834	6842773	33N	2725E		Soil-B	Grab	60	GYBR	BF	10
5021	YD10913	533818	6842759	33N	2700E		Soil-B	Grab	60	T	BF	0
5022	YD10913	533794	6842728	33N	2675E		Soil-B	Grab	30	ROBR	BF	10
5023	YD10913	533780	6842712	33N	2650E		Soil-C	Grab	80	OBR	BF	20
5024	YD10913	533762	6842691	33N	2625E		Soil-C	Grab	70	T	BF	10
5025	YD10913	533732	6842665	33N	2600E		Soil-B	Grab	50	T	BF	30
5026		533738	6842658	33N	2575E		Soil-B	Grab	0	T	BF	10
5027	YD10913	533720	6842640	33N	2550E		Soil-B	Grab	70	T	BF	10
5028	YD10913	533706	6842612	33N	2525E		Soil-B	Grab	50	T	BF	10
5029	YD10913	533689	6842595	33N	2500E		Soil-B	Grab	70	T	BF	20
5030	YD10913	533668	6842567	33N	2475E		Soil-B	Grab	70	OBR	BF	70
5031	YD10913	533653	6842561	33N	2450E		Soil-C	Grab	70	T	BF	10
5032	YD10913	533641	6842532	33N	2425E		Soil-C	Grab	70	GYBR	BF	20
5033	YD10913	533634	6842515	33N	2400E		Soil-C	Grab	80	T	BF	20
5034	YD10913	533613	6842500	33N	2375E		Soil-C	Grab	70	T	BF	20
5035	YD10913	533590	6842474	33N	2350E		Soil-C	Grab	70	T	BF	10
5036	YD10913	533576	6842448	33N	2325E		Soil-B	Grab	60	T	BF	10
5037	YD10913	533563	6842439	33N	2300E		Soil-C	Grab	40	T	BF	10
5038	YD10912	533544	6842409	33N	2275E		Soil-B	Grab	90	T	BF	10
5039	YD10912	533535	6842393	33N	2250E		Soil-B	Grab	70	BR	BF	30
5040	YD10912	533521	6842384	33N	2225E		Soil-B	Grab	50	T	BF	30
5041	YD10912	533501	6842347	33N	2200E		Soil-B	Grab	70	GYBR	BF	30
5042	YD10912	533483	6842342	33N	2175E		Soil-B	Grab	60	T	BF	10
5043	YD10912	533472	6842327	33N	2150E		Soil-B	Grab	30	BR	BF	30
5044	YD10912	533460	6842294	33N	2125E		Soil-B	Grab	60	T	BF	10
5045	YD10912	533441	6842273	33N	2100E		Soil-B	Grab	60	T	BF	10
5046	YD10912	533432	6842263	33N	2075E		Soil-B	Grab	40	ROBR	BF	30
5047	YD10912	533407	6842243	33N	2050E		Soil-B	Grab	40	T	BF	30
5048	YD10912	533394	6842211	33N	2025E		Soil-B	Grab	70	W	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5049	YD10912	533377	6842206	33N	2000E		Soil-B	Grab	50	T	BF	20
5050	YD10912	533365	6842181	33N	1975E		Soil-B	Grab	70	T	BF	20
5051	YD10912	533348	6842161	33N	1950E		Soil-B	Grab	50	T	BF	30
5052	YD10912	533334	6842145	33N	1925E		Soil-B	Grab	70	T	BF	20
5053	YD10912	533318	6842116	33N	1900E		Soil-B	Grab	50	T	BF	40
5054	YD10912	533298	6842097	33N	1875E		Soil-B	Grab	70	T	BF	20
5055	YD10912	533293	6842080	33N	1850E		Soil-B	Grab	50	W	BF	20
5056	YC72731	533758	6844796	4600N	4275E		Soil-B	Grab	70	BR	AM	20
5057	YC72731	533772	6844616	4600N	4300E		Soil-B	Grab	60	BR	AM	20
5058	YC72731	533788	6844834	4600N	4325E		Soil-B	Grab	70	BR	AM	10
5059	YC72731	533801	6844857	4600N	4350E		Soil-B	Grab	50	BR	AM	10
5060	YC72731	533815	6844876	4600N	4375E		Soil-B	Grab	70	T	AM	10
5061	YC72731	533777	6844900	4650N	4375E		Soil-B	Grab	70	BR	AM	10
5062	YC72731	533761	6844884	4650N	4350E		Soil-B	Grab	70	BR	AM	10
5063	YC72731	533745	6844861	4650N	4325E		Soil-B	Grab	50	GYBR	AM	10
5064	YC72731	533734	6844844	4650N	4300E		Soil-B	Grab	50	BR	AM	10
5065	YC72731	533719	6844822	4650N	4275E		Soil-B	Grab	60	BR	AM	10
5066	YC72731	533681	6844857	4700N	4275E		Soil-B	Grab	40	BR	AM	20
5067	YC72731	533698	6844875	4700N	4300E		Soil-B	Grab	60	BR	AM	10
5068	YC72731	533713	6844897	4700N	4325E		Soil-B	Grab	60	BR	AM	10
5069	YC72731	533723	6844916	4700N	4350E		Soil-B	Grab	60	GYBR	AM	10
5070	YC72731	533743	6844937	4700N	4375E		Soil-B	Grab	70	BR	AM	10
5071	YC72733	533699	6844964	4750N	4375E		Soil-B	Grab	70	BR	AM	0
5072	YC72733	533683	6844946	4750N	4350E		Soil-B	Grab	60	BR	AM	0
5073	YC72733	533667	6844925	4750N	4325E		Soil-B	Grab	50	BR	AM	10
5074	YC72733	533652	6844909	4750N	4300E		Soil-B	Grab	60	BR	AM	10
5075	YC72733	533596	6844923	4800N	4275E		Soil-B	Grab	30	OBR	AM	10
5076	YC72733	533615	6844939	4800N	4300E		Soil-B	Grab	50	BR	AM	10
5077	YC72733	533629	6844957	4800N	4325E		Soil-B	Grab	40	BR	AM	0
5078	YC72733	533642	6844980	4800N	4350E		Soil-B	Grab	70	T	AM	10
5079	YC72733	533660	6844995	4800N	4375E		Soil-B	Grab	50	BR	AM	0
5080	YC72733	533618	6845027	4850N	4375E		Soil-B	Grab	50	GYBR	AM	10
5081	YC72733	533603	6845013	4850N	4350E		Soil-B	Grab	40	OBR	AM	10
5082	YC72733	533588	6844990	4850N	4325E		Soil-B	Grab	50	GYBR	AM	10
5083	YC72733	533573	6844963	4850N	4300E		Soil-B	Grab	40	T	AM	0
5084	YD07126	533553	6843948	4850N	4275E		Soil-B	Grab	50	GYBR	AM	10
5085	YC72733	533520	6844977	4900N	4275E		Soil-B	Grab	50	BR	AM	10
5086	YC72733	533534	6844999	4900N	4300E		Soil-B	Grab	60	T	AM	10
5087	YC72733	533551	6845019	4900N	4325E		Soil-B	Grab	40	T	AM	10
5088	YC72733	533565	6845037	4900N	4350E		Soil-B	Grab	40	T	AM	10
5089	YC72733	533582	6845061	4900N	4375E		Soil-B	Grab	50	GYBR	AM	0
5090	YC72733	533539	6845083	4950N	4375E		Soil-B	Grab	30	OBR	AM	20
5091	YC72733	533525	6845064	4950N	4350E		Soil-B	Grab	70	GY	AM	0
5092	YC72733	533510	6845044	4950N	4325E		Soil-B	Grab	40	GY	AM	0
5093	YC72733	533495	6845025	4950N	4300E		Soil-B	Grab	60	GY	AM	10
5094	YC72733	533479	6845008	4950N	4275E		Soil-B	Grab	70	GY	AM	10
5095	YC72733	533444	6845039	5000N	4275E		Soil-B	Grab	60	GY	TA	0
5096	YC72733	533458	6845061	5000N	4300E		Soil-B	Grab	40	GY	TA	0
5097	YC72733	533471	6845081	5000N	4325E		Soil-B	Grab	70	T	TA	10
5098	YC72733	533486	6845015	5000N	4350E		Soil-B	Grab	60	GY	TA	0
5099	YC72733	533503	6845120	5000N	4375E		Soil-B	Grab	60	GY	TA	10
5100	YC72733	533465	6845146	5050N	4375E		Soil-B	Grab	70	GYGY	AM	10
5101	YC72733	533450	6845126	5050N	4350E		Soil-B	Grab	40	T	AM	10
5102	YC72733	533431	6845107	5050N	4325E		Soil-B	Grab	70	GY	AM	10
5103	YC72733	533414	6845092	5050N	4300E		Soil-C	Grab	60	GY	AM	0
5104	YC72733	533401	6845068	5050N	4275E		Soil-B	Grab	90	T	AM	0
5501	YC72457	534816.04	6846478.11	48N	6250E	JW/JI	Soil-B	Grab	30	GYBR	AM	5
5502	YC72457	534800.43	6846452.91	48N	6225E	JW/JI	Soil-B	Grab	40	GYBR	AM	10
5503	YC72457	534785.74	6846433.45	48N	6200E	JW/JI	Soil-B	Grab	40	GYBR	AM	10
5504	YC72457	534772.16	6846416.54	48N	6175E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5505	YC72457	534755.9	6846395.21	48N	6150E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5506	YC72457	534741.57	6846375.56	48N	6125E	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5507	YC72457	534724.79	6846356.23	48N	6100E	JW/JI	Soil-B	Grab	40	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5508	YC72457	534708.94	6846336.22	48N	6075E	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5509	YC72457	534693.59	6846317.07	48N	6050E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5510	YC72457	534678.6	6846296.08	48N	6025E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5511	YC72457	534662.31	6846277.23	48N	6000E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5512	YC72457	534646.95	6846256.23	48N	5975E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5513	YC72459	534630.43	6846237.41	48N	5950E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5514	YC72459	534616.01	6846216.79	48N	5925E	JW/JI	Soil-B	Grab	50	ROBR	AM	5
5515	YC72459	534600.74	6846199.05	48N	5900E	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5516	YC72458	534582.63	6846179.88	48N	5875E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5517	YC72458	534570.83	6846159.63	48N	5850E	JW/JI	Soil-B	Grab	30	GYBR	AM	5
5518	YC72458	534554.7	6846139.76	48N	5825E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5519	YC72458	534539.35	6846120.2	48N	5800E	JW/JI	Soil-B	Grab	35	ROBR	AM	5
5520	YC72458	534523.73	6846100.89	48N	5775E	JW/JI	Soil-B	Grab	70	ROBR	AM	5
5521	YC72458	534507.66	6846080.13	48N	5750E	JW/JI	Soil-B	Grab	50	GYBR	AM	5
5522	YC72458	534492.75	6846060.98	48N	5725E	JW/JI	Soil-B	Grab	30	ROBR	AM	10
5523	YC72458	534478.85	6846041.66	48N	5700E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5524	YC72458	534463.39	6846022.55	48N	5675E	JW/JI	Soil-B	Grab	50	ROBR	AM	5
5525	YC72458	534448.05	6846001.14	48N	5650E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5526	YC72458	534431.44	6845982.74	48N	5625E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5527	YC72458	534414.09	6845963.21	48N	5600E	JW/JI	Soil-B	Grab	40	ROBR	AM	10
5528	YC72458	534399.37	6845943.8	48N	5575E	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5529	YC72458	534382.95	6845922.57	48N	5550E	JW/JI	Soil-B	Grab	60	ROBR	AM	5
5530	YC72458	534368.65	6845903.99	48N	5525E	JW/JI	Soil-TF	Grab	25	GY	AM	5
5531	YC72458	534355.7	6845885.27	48N	5500E	JW/JI	Soil-B	Grab	50	GYBR	AM	5
5532	YC72458	534339.01	6845863.14	48N	5475E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5533	YC72458	534321.53	6845846.1	48N	5450E	JW/JI	Soil-B	Grab	60	GYBR	B	5
5534	YC72458	534310.46	6845823.55	48N	5425E	JW/JI	Soil-TF	Grab	60	GY	B	5
5535	YC72446	534296.55	6845805.66	48N	5400E	JW/JI	Soil-TF	Grab	50	GY	B	5
5536	YC72446	534276.58	6845786.26	48N	5375E	JW/JI	Soil-TF	Grab	40	GY	B	5
5537	YC72446	534258.72	6845764.37	48N	5350E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5538	YC72446	534244.52	6845746.88	48N	5325E	JW/JI	Soil-B	Grab	40	GYBR	B	5
5539	YC72446	534227.31	6845723.98	48N	5300E	JW/JI	Soil-B	Grab	40	GYBR	B	5
5540	YC72446	534214.78	6845707.66	48N	5275E	JW/JI	Soil-B	Grab	40	GYBR	B	5
5541	YC72446	534199.97	6845686.71	48N	5250E	JW/JI	Soil-B	Grab	30	GYBR	B	5
5542	YC72446	534184.14	6845665.98	48N	5225E	JW/JI	Soil-B	Grab	80	GYBR	B	5
5543	YC72446	534168.9	6845648.72	48N	5200E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5544	YC72446	534156.88	6845628.5	48N	5175E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5545	YC72446	534139.01	6845608.18	48N	5150E	JW/JI	Soil-B	Grab	40	ROBR	B	5
5546	YC72446	534106.87	6845565	48N	5100E	JW/JI	Soil-B	Grab	40	GYBR	B	5
5547	YC72446	534092.39	6845547.33	48N	5075E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5548	YC72446	534075.35	6845528.53	48N	5050E	JW/JI	Soil-B	Grab	40	ROBR	B	5
5549	YC72446	534060.2	6845510.05	48N	5025E	JW/JI	Soil-B	Grab	50	GYBR	B	5
5550	YC72446	534046.29	6845493.19	48N	5000E	JW/JI	Soil-B	Grab	40	ROBR	B	5
5551	YC72446	534029.85	6845471.69	48N	4975E	JW/JI	Soil-B	Grab	40	ROBR	B	10
5552	YC72445	534017.26	6845451.57	48N	4950E	JW/JI	Soil-B	Grab	30	ROBR	B	5
5553	YC72445	533999.63	6845429.18	48N	4925E	JW/JI	Soil-B	Grab	40	GYBR	B	10
5554	YC72445	533985.39	6845409.83	48N	4900E	JW/JI	Soil-B	Grab	40	ROBR	B	10
5555	YC72445	533970.66	6845389.24	48N	4875E	JW/JI	Soil-B	Grab	40	ROBR	B	10
5556	YC72445	533952.34	6845369.13	48N	4850E	JW/JI	Soil-B	Grab	40	GYBR	B	10
5557	YC72445	533937.52	6845353.19	48N	4825E	JW/JI	Soil-TF	Grab	30	GY	B	5
5558	YC72445	533924.72	6845332.92	48N	4800E	JW/JI	Soil-B	Grab	40	ROBR	B	5
5559	YC72445	533906.09	6845313.22	48N	4775E	JW/JI	Soil-B	Grab	40	ROBR	B	5
5560	YC72445	533893.23	6845289.43	48N	4750E	JW/JI	Soil-B	Grab	50	ROBR	B	5
5561	YC72445	533874	6845271	48N	4725E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5562	YC72445	533862.41	6845253.74	48N	4700E	JW/JI	Soil-B	Grab	40	ROBR	AM	10
5563	YC72445	533848.22	6845232.5	48N	4675E	JW/JI	Soil-B	Grab	30	ROBR	AM	10
5564	YC72445	533831.88	6845212.59	48N	4650E	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5565	YC72445	533817.16	6845194.23	48N	4625E	JW/JI	Soil-B	Grab	30	ROBR	AM	10
5566	YC72445	533802.03	6845173.68	48N	4600E	JW/JI	Soil-B	Grab	30	GYBR	AM	10
5567	YC72445	533786.4	6845154.68	48N	4575E	JW/JI	Soil-B	Grab	25	ROBR	AM	5
5568	YC72445	533770.99	6845133.47	48N	4550E	JW/JI	Soil-B	Grab	30	GYBR	AM	10
5569	YC72445	533754.95	6845114.72	48N	4525E	JW/JI	Soil-B	Grab	25	ROBR	AM	5
5570	YC72445	533739.91	6845094.32	48N	4500E	JW/JI	Soil-B	Grab	25	ROBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5571	YC72733	533724.68	6845074.88	48N	4475E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5572	YC72733	533709.19	6845055.37	48N	4450E	JW/JI	Soil-B	Grab	30	ROBR	AM	15
5573	YC72733	533693.25	6845035.84	48N	4425E	JW/JI	Soil-B	Grab	50	GYBR	AM	5
5574	YC72733	533678.18	6845016.53	48N	4400E	JW/JI	Soil-B	Grab	50	ROBR	AM	5
5575	YC72733	533719.1	6844988.21	4750N	4400	JW/JI	Soil-B	Grab	25	ROBR	AM	10
5576	YC72733	533732.92	6845008.21	4750N	4425	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5577	YC72733	533744	6845030.16	4750N	4450	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5578	YC72733	533759.12	6845049.49	4750N	4475	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5579	YC72445	533773.36	6845068.4	4750N	4500	JW/JI	Soil-B	Grab	50	ROBR	AM	10
5580	YC72445	533788.87	6845086.66	4750N	4525	JW/JI	Soil-B	Grab	50	GYBR	AM	5
5581	YC72445	533802.6	6845105.46	4750N	4550	JW/JI	Soil-B	Grab	50	ROBR	AM	10
5582	YC72445	533810.89	6845126.75	4750N	4575	JW/JI	Soil-B	Grab	40	ROBR	AM	10
5583	YC72445	533829.16	6845143.42	4750N	4600	JW/JI	Soil-B	Grab	50	ROBR	AM	5
5584	YC72445	533844.68	6845162.47	4750N	4625	JW/JI	Soil-B	Grab	40	ROBR	AM	10
5585	YC72445	533864.9	6845177.76	4750N	4650	JW/JI	Soil-B	Grab	50	GYBR	AM	5
5586	YC72445	533881.35	6845198.62	4750N	4675	JW/JI	Soil-B	Grab	30	ROBR	AM	10
5587	YC72445	533898.93	6845218.02	4750N	4700	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5588	YC72445	533913.87	6845236.83	4750N	4725	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5589	YC72445	533925.93	6845258.67	4750N	4750	JW/JI	Soil-B	Grab	50	ROBR	AM	5
5590	YC72445	533939.49	6845282.44	4750N	4775	JW/JI	Soil-B	Grab	15	ROBR	AM	10
5591	YC72445	533960.89	6845296.21	4750N	4800	JW/JI	Soil-B	Grab	50	GYBR	AM	10
5592	YC72445	533974.9	6845317.51	4750N	4825	JW/JI	Soil-B	Grab	40	GYBR	AM	10
5593	YC72445	533990.71	6845339.94	4750N	4850	JW/JI	Soil-B	Grab	40	ROBR	AM	0
5594	YC72445	534040.54	6845390.85	4750N	4925	JW/JI	Soil-TF	Grab	40	GY	AM	5
5595	YC72445	534048.58	6845415.52	4750N	4950	JW/JI	Soil-B	Grab	40	ROBR	AM	10
5596	YC72446	534057.46	6845439.59	4750N	4975	JW/JI	Soil-B	Grab	20	ROBR	AM	10
5597	YC72446	534078.1	6845454.5	4750N	5000	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5598	YC72446	534097.15	6845470.09	4750N	5025	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5599	YC72444	534113.66	6845488.73	4750N	5050	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5600	YC72444	534129.83	6845506.97	4750N	5075	JW/JI	Soil-B	Grab	35	ROBR	AM	5
5601	YC72444	534175.32	6845485.09	4700N	5075	JW/JI	Soil-B	Grab	20	ROBR	AM	5
5602	YC72444	534154.52	6845467.58	4700N	5050	JW/JI	Soil-B	Grab	25	ROBR	AM	5
5603	YC72444	534138.63	6845447.55	4700N	5025	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5604	YC72444	534121.63	6845426.77	4700N	5000	JW/JI	Soil-B	Grab	30	ROBR	AM	10
5605	YC72444	534105.77	6845407.19	4700N	4975	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5606	YC72443	534088.42	6845385.54	4700N	4950	JW/JI	Soil-B	Grab	40	ROBR	AM	5
5607	YC72443	534072.31	6845366.11	4700N	4925	JW/JI	Soil-B	Grab	40	GYBR	AM	5
5608	YC72443	534056.75	6845348.24	4700N	4900	JW/JI	Soil-B	Grab	60	GYBR	AM	5
5609	YC72443	534039.99	6845324.17	4700N	4875	JW/JI	Soil-B	Grab	60	ROBR	AM	5
5610	YC72443	534025.06	6845304.72	4700N	4850	JW/JI	Soil-B	Grab	30	ROBR	AM	5
5611	YC72731	533916.12	6844828.79	4500	4400	LF/LM	Soil-B	Grab	20	BR	AM	10
5612	YC72731	533923.99	6844851.55	4500	4425	LF/LM	Soil-B	Grab	20	BR	AM	5
5613	YC72731	533944.69	6844869.74	4500	4450	LF/LM	Soil-B	Grab	40	BR	AM	5
5614	YC72731	533957.04	6844891.14	4500	4475	LF/LM	Soil-B	Grab	30	BR	AM	5
5615	YC72731	533972.78	6844912.35	4500	4500	LF/LM	Soil-B	Grab	50	BR	AM	5
5616	YC72443	533986.48	6844927.75	4500	4525	LF/LM	Soil-B	Grab	20	BR	AM	5
5617	YC72443	534008.62	6844946.44	4500	4550	LF/LM	Soil-B	Grab	50	BR	AM	5
5618	YC72443	534019.21	6844968.29	4500	4575	LF/LM	Soil-B	Grab	20	BR	AM	5
5619	YC72443	534034.54	6844986.04	4500	4600	LF/LM	Soil-B	Grab	30	BR	AM	5
5620	YC72443	534050.4	6845008.49	4500	4625	LF/LM	Soil-B	Grab	30	BR	AM	5
5621	YC72443	534064.48	6845031.64	4500	4650	LF/LM	Soil-B	Grab	30	BR	AM	10
5622	YC72443	534082.95	6845049.05	4500	4675	LF/LM	Soil-B	Grab	30	BR	AM	5
5623	YC72443	534100.7	6845069.93	4500	4700	LF/LM	Soil-B	Grab	30	BR	AM	5
5624	YC72443	534113.53	6845082.93	4500	4725	LF/LM	Soil-B	Grab	30	BR	AM	5
5625	YC72443	534128.16	6845108.28	4500	4750	LF/LM	Soil-B	Grab	20	BR	AM	5
5626	YC72443	534147.19	6845125.92	4500	4775	LF/LM	Soil-B	Grab	30	BR	AM	5
5627	YC72443	534163.32	6845142.93	4500	4800	LF/LM	Soil-B	Grab	20	BR	AM	5
5628	YC72443	534174.64	6845161.05	4500	4825	LF/LM	Soil-B	Grab	20	BR	BF	5
5629	YC72443	534187.39	6845185.88	4500	4850	LF/LM	Soil-B	Grab	30	BR	BF	5
5630	YC72443	534203.2	6845206.94	4500	4875	LF/LM	Soil-B	Grab	40	BR	BF	5
5631	YC72443	534218.88	6845223.35	4500	4900	LF/LM	Soil-B	Grab	30	GYBR	AM	5
5632	YC72443	534239.57	6845245.29	4500	4925	LF/LM	Soil-B	Grab	40	BR	AM	5
5633	YC72443	534253.55	6845264.73	4500	4950	LF/LM	Soil-B	Grab	40	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5634	YC72443	534259.67	6845290.03	4500	4975	LF/LM	Soil-B	Grab	20	BR	AM	5
5635	YC72444	534285.55	6845304.62	4500	5000	LF/LM	Soil-B	Grab	30	GYBR	AM	5
5636	YC72444	534297.99	6845319.37	4500	5025	LF/LM	Soil-B	Grab	30	BR	AM	5
5637	YC72444	534311.01	6845339.38	4500	5050	LF/LM	Soil-B	Grab	20	BR	AM	5
5638	YC72444	534330.27	6845362.86	4500	5075	LF/LM	Soil-B	Grab	30	BR	AM	5
5639	YC72444	534343.57	6845377.81	4500	5100	LF/LM	Soil-B	Grab	30	BR	AM	5
5640	YC72444	534355.52	6845402.64	4500	5125	LF/LM	Soil-B	Grab	20	BR	AM	10
5641	YC72444	534374.31	6845423.53	4500	5150	LF/LM	Soil-B	Grab	20	BR	AM	10
5642	YC72444	534388.93	6845439.38	4500	5175	LF/LM	Soil-B	Grab	40	BR	AM	10
5643	YC72444	534403.08	6845459.86	4500	5200	LF/LM	Soil-B	Grab	30	GYBR	AM	5
5644	YC72457	535051.4	6846289.94	45N	E6250	MMC/LF	Soil-B	Grab	20	BR	AM	10
5645	YC72457	535040.1	6846271.05	45N	E6225	MMC/LF	Soil-B	Grab	40	BR	AM	5
5646	YC72457	535023.14	6846251	45N	E6200	MMC/LF	Soil-B	Grab	30	BR	AM	5
5647	YC72457	535004.39	6846230.65	45N	E6175	MMC/LF	Soil-B	Grab	40	BR	AM	5
5648	YC72457	534988.98	6846211.6	45N	E6150	MMC/LF	Soil-B	Grab	40	BR	AM	5
5649	YC72457	534974.91	6846192.43	45N	E6125	MMC/LF	Soil-B	Grab	50	BR	AM	5
5650	YC72457	534957.21	6846174.21	45N	E6100	MMC/LF	Soil-B	Grab	40	BR	AM	5
5651	YC72457	534945.13	6846154.72	45N	E6075	MMC/LF	Soil-B	Grab	30	BR	AM	5
5652	YC72457	534930.98	6846133.14	45N	E6050	MMC/LF	Soil-B	Grab	20	BR	AM	5
5653	YC72457	534913.69	6846113.81	45N	E6025	MMC/LF	Soil-B	Grab	30	BR	AM	5
5654	YC72457	534898.84	6846090.61	45N	E6000	MMC/LF	Soil-B	Grab	20	BR	AM	5
5655	YC72457	534882.9	6846072.38	45N	E5975	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
5656	YC72457	534869.89	6846051.95	45N	E5950	MMC/LF	Soil-B	Grab	20	BR	AM	5
5657	YC72457	534854.68	6846035.08	45N	E5925	MMC/LF	Soil-B	Grab	20	BR	AM	5
5658	YC72457	534840	6846015.11	45N	E5900	MMC/LF	Soil-B	Grab	20	BR	AM	5
5659	YC72456	534821.68	6845992.29	45N	E5875	MMC/LF	Soil-B	Grab	20	BR	AM	5
5660	YC72456	534804.55	6845975.85	45N	E5850	MMC/LF	Soil-B	Grab	20	BR	AM	5
5661	YC72456	534791.83	6845953.67	45N	E5825	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
5662	YC72456	534775.58	6845935.75	45N	E5800	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
5663	YC72456	534760.58	6845914.9	45N	E5775	MMC/LF	Soil-B	Grab	20	GYBR	AM	5
5664	YC72456	534744.99	6845897.55	45N	E5750	MMC/LF	Soil-B	Grab	20	BR	AM	5
5665	YC72456	534729.39	6845875.3	45N	E5725	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
5666	YC72456	534713.48	6845857.7	45N	E5700	MMC/LF	Soil-B	Grab	20	BR	AM	10
5667	YC72456	534698.74	6845836.54	45N	E5675	MMC/LF	Soil-B	Grab	20	BR	AM	5
5668	YC72456	534685.42	6845820.19	45N	E5650	MMC/LF	Soil-B	Grab	20	BR	AM	5
5669	YC72456	534668.57	6845799.15	45N	E5625	MMC/LF	Soil-B	Grab	40	GYBR	AM	5
5670	YC72456	534655.56	6845779.4	45N	E5600	MMC/LF	Soil-B	Grab	30	GYBR	AM	5
5671	YC72456	534640.59	6845757.64	45N	E5575	MMC/LF	Soil-B	Grab	40	GYBR	AM	10
5672	YC72456	534621.83	6845745.8	45N	E5550	MMC/LF	Soil-B	Grab	40	BR	AM	10
5673	YC72444	534298.5	6845731.42	4750	5325	JW/JM	Soil-B	Grab	30	GYBR	B	5
5674	YC72444	534264.48	6845693.74	4750	5300	JW/JM	Soil-B	Grab	40	GYBR	B	5
5675	YC72444	534252.56	6845674.76	4750	5275	JW/JM	Soil-B	Grab	40	GYBR	B	5
5676	YC72446	534230.99	6845662.8	4750	5250	JW/JM	Soil-B	Grab	40	ROBR	B	5
5677	YC72444	534218.64	6845633.46	4750	5225	JW/JM	Soil-B	Grab	30	ROBR	B	5
5678	YC72444	534208	6845611.82	4750	5200	JW/JM	Soil-B	Grab	30	GYBR	B	10
5679	YC72444	534190.58	6845595.21	4750	5175	JW/JM	Soil-B	Grab	30	GYBR	B	5
5680	YC72444	534174.25	6845574.79	4750	5150	JW/JM	Soil-B	Grab	25	GYBR	B	5
5681	YC72457	534894.4	6846415	47N	6250	LM/JMc	Soil-B	Grab	30	BR	AM	5
5682	YC72457	534881.3	6846392.41	47N	6225	LM/JMc	Soil-B	Grab	30	BR	AM	5
5683	YC72457	534864.38	6846372.24	47N	6200	LM/JMc	Soil-B	Grab	30	BR	AM	5
5684	YC72457	534850.3	6846352.84	47N	6175	LM/JMc	Soil-B	Grab	30	BR	AM	5
5685	YC72457	534834.42	6846333.76	47N	6150	LM/JMc	Soil-B	Grab	25	BR	AM	5
5686	YC72457	534818.11	6846315.18	47N	6125	LM/JMc	Soil-B	Grab	25	BR	AM	5
5687	YC72457	534799.93	6846294.27	47N	6100	LM/JMc	Soil-B	Grab	30	BR	AM	5
5688	YC72457	534784.69	6846275.79	47N	6075	LM/JMc	Soil-B	Grab	40	BR	AM	5
5689	YC72457	534770.65	6846256.22	47N	6050	LM/JMc	Soil-B	Grab	40	BR	AM	5
5690	YC72457	534757.77	6846237.16	47N	6025	LM/JMc	Soil-B	Grab	40	BR	AM	5
5691	YC72457	534742.56	6846217.29	47N	6000	LM/JMc	Soil-B	Grab	25	BR	AM	5
5692	YC72457	534726.57	6846195.84	47N	5975	LM/JMc	Soil-B	Grab	25	BR	AM	5
5693	YC72457	534708.66	6846179.15	47N	5950	LM/JMc	Soil-B	Grab	30	BR	AM	5
5694	YC72457	534694.08	6846159.31	47N	5925	LM/JMc	Soil-B	Grab	40	BR	AM	10
5695	YC72457	534678.82	6846141.98	47N	5900	LM/JMc	Soil-B	Grab	40	BR	AM	5
5696	YC72456	534665.99	6846118.37	47N	5875	LM/JMc	Soil-B	Grab	25	BR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5697	YC72456	534648.83	6846095.24	47N	5850	LM/JMc	Soil-B	Grab	50	GYBR	AM	5
5698	YC72456	534634.15	6846079.07	47N	5825	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
5699	YC72456	534617.28	6846060.34	47N	5800	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
5700	YC72456	534600.69	6846037.99	47N	5775	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
5701	YC72456	534587.5	6846020.3	47N	5750	LM/JMc	Soil-B	Grab	30	BR	AM	5
5702	YC72456	534572.28	6846000.15	47N	5725	LM/JMc	Soil-B	Grab	40	BR	AM	5
5703	YC72456	534555.29	6845982.56	47N	5700	LM/JMc	Soil-B	Grab	25	BR	AM	5
5704	YC72456	534544.16	6845962.62	47N	5675	LM/JMc	Soil-B	Grab	30	BR	AM	5
5705	YC72456	534525.57	6845942.92	47N	5650	LM/JMc	Soil-B	Grab	10	BR	AM	5
5706	YC72456	534510.12	6845922.36	47N	5625	LM/JMc	Soil-B	Grab	50	BR	AM	5
5707	YC72456	534493.14	6845902.01	47N	5600	LM/JMc	Soil-B	Grab	40	BR	AM	5
5708	YC72456	534481.78	6845885.15	47N	5575	LM/JMc	Soil-B	Grab	30	BR	AM	5
5709	YC72456	534470.74	6845863.64	47N	5550	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
5710	YC72456	534448.92	6845844.24	47N	5525	LM/JMc	Soil-B	Grab	25	BR	AM	5
5711	YC72456	534429.28	6845824.55	47N	5500	LM/JMc	Soil-B	Grab	30	BR	AM	5
5712	YC72456	534414.85	6845804.1	47N	5475	LM/JMc	Soil-B	Grab	25	BR	BF	10
5713	YC72456	534404.07	6845784	47N	5450	LM/JMc	Soil-B	Grab	50	BR	BF	5
5714	YC72456	534385.19	6845763.68	47N	5425	LM/JMc	Soil-B	Grab	40	BR	AM	5
5715	YC72444	534368.86	6845747.06	47N	5400	LM/JMc	Soil-B	Grab	10	BR	AM	5
5716	YC72444	534358.82	6845724.94	47N	5375	LM/JMc	Soil-B	Grab	10	GYBR	AM	5
5717	YC72444	534340.69	6845700.26	47N	5350	LM/JMc	Soil-B	Grab	20	BR	AM	5
5718	YC72444	534330.89	6845688.64	47N	5325	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
5719	YC72444	534314.79	6845664.63	47N	5300	LM/JMc	Soil-B	Grab	40	BR	AM	5
5720	YC72444	534295.8	6845647.55	47N	5275	LM/JMc	Soil-B	Grab	30	GYBR	BF	10
5721	YC72444	534281.91	6845625.91	47N	5250	LM/JMc	Soil-B	Grab	40	GYBR	BF	5
5722	YC72444	534262.86	6845608.78	47N	5225	LM/JMc	Soil-B	Grab	30	T	BF	5
5723	YC73857	533423.99	6846320.37	58	5275	AH/JI	Soil-B	Grab	40	BR	AM	0
5724	YC73857	533414.19	6846299.88	58	5250	AH/JI	Soil-B	Grab	30	GYBR	AM	5
5725	YC73857	533396.85	6846279.74	58	5225	AH/JI	Soil-B	Grab	30	GY	AM	0
5726	YC73857	533382.89	6846263.74	58	5200	AH/JI	Soil-B	Grab	10	GY	AM	0
5727	YC73857	533366.66	6846244.43	58	5175	AH/JI	Soil-TF	Grab	10	GY	TA	0
5728	YC73857	533350.72	6846224.47	58	5150	AH/JI	Soil-TF	Grab	10	GY	TA	0
5729	YC73857	533336.36	6846203.35	58	5125	AH/JI	Soil-TF	Grab	10	GY	TA	0
5730	YC73857	533304.17	6846167	58	5075	AH/JI	Soil-TF	Grab	10	GY	TA	0
5731	YC73857	533274.16	6846132.39	58	5050	AH/JI	Soil-B	Grab	30	BR	TA	5
5732	YC73857	533275.75	6846129.71	58	5025	AH/JI	Soil-B	Grab	30	BR	TA	5
5733	YC73857	533240.9	6846100.73	58	5000	AH/JI	Soil-B	Grab	10	BR	TA	0
5734	YC89530	532936.52	6845616.08	5750	4425	AH/JI	Soil-B	Grab	30	GY	AM	10
5735	YC89530	532923.13	6845601.17	5750	4400	AH/JI	Soil-B	Grab	30	GY	B	10
5736	YC89530	532909.53	6845585.16	5750	4375	AH/JI	Soil-B	Grab	20	GY	B	0
5737	YC89530	532895.9	6845565.29	5750	4350	AH/JI	Soil-B	Grab	30	GY	B	5
5738	YC89530	532879.9	6845543.15	5750	4325	AH/JI	Soil-B	Grab	30	GY	B	10
5739	YC89530	532861.59	6845529.09	5750	4300	AH/JI	Soil-B	Grab	40	BR	BF	5
5740	YC89530	532851.69	6845499.31	5750	4275	AH/JI	Soil-B	Grab	40	GYBR	AM	5
5741	YC89530	532836.6	6845486.79	5750	4250	AH/JI	Soil-B	Grab	20	BR	AM	5
5742	YC89530	532821.53	6845464.49	5750	4225	AH/JI	Soil-B	Grab	30	GY	AM	0
5743	YC89530	532805.08	6845443.98	5750	4200	AH/JI	Soil-B	Grab	20	GY	AM	5
5744	YC89530	532779.97	6845424.59	5750	4175	AH/JI	Soil-B	Grab	20	GY	B	5
5745	YC89530	532772.77	6845403.91	5750	4150	AH/JI	Soil-B	Grab	30	GY	B	0
5746	YC89530	532750.08	6845387.91	5750	4125	AH/JI	Soil-B	Grab	20	GY	B	0
5747	YC89530	532741.61	6845367.74	5750	4100	AH/JI	Soil-B	Grab	20	GY	B	5
5748	YC72457	535132.58	6846220.56	4400	6250	AH/LF	Soil-B	Grab	30	BR	BF	5
5749	YC72457	535115.61	6846210.14	4400	6225	AH/LF	Soil-B	Grab	30	BR	AM	5
5750	YC72457	535094.58	6846197.68	4400	6200	AH/LF	Soil-B	Grab	30	BR	AM	5
5751	YC72457	535086.34	6846168.48	4400	6175	AH/LF	Soil-C	Grab	30	GY	AM	0
5752	YC72457	535075.62	6846148.59	4400	6150	AH/LF	Soil-B	Grab	30	BR	AM	5
5753	YC72457	535055.58	6846131.61	4400	6125	AH/LF	Soil-B	Grab	30	BR	AM	5
5754	YC72457	535040.72	6846107.88	4400	6100	AH/LF	Soil-B	Grab	30	BR	BF	10
5755	YC72457	535024.14	6846096.05	4400	6075	AH/LF	Soil-B	Grab	30	BR	AM	5
5756	YC72457	535008.22	6846068.5	4400	6050	AH/LF	Soil-B	Grab	30	BR	B	5
5757	YC72457	534989.36	6846048.25	4400	6025	AH/LF	Soil-B	Grab	30	BR	AM	5
5758	YC72457	534976.52	6846026.6	4400	6000	AH/LF	Soil-B	Grab	20	BR	AM	0
5759	YC72457	534958.63	6846008.27	4400	5975	AH/LF	Soil-B	Grab	30	BR	B	0

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5760	YC72457	534944.23	6845991.33	4400	5950	AH/LF	Soil-B	Grab	30	BR	AM	0
5761	YC72457	534931.01	6845974.99	4400	5925	AH/LF	Soil-B	Grab	20	ROBR	B	5
5762	YC72457	534915.65	6845954.4	4400	5900	AH/LF	Soil-B	Grab	30	GYBR	B	0
5763	YC72456	534899.61	6845932.48	4400	5875	AH/LF	Soil-B	Grab	20	BR	AM	5
5764	YC72456	534886.03	6845911.84	4400	5850	AH/LF	Soil-B	Grab	30	BR	AM	10
5765	YC72456	534870.31	6845893.14	4400	5825	AH/LF	Soil-B	Grab	30	BR	AM	10
5766	YC72456	534854.32	6845873.58	4400	5800	AH/LF	Soil-B	Grab	30	BR	AM	5
5767	YC72456	534838.25	6845853.55	4400	5775	AH/LF	Soil-B	Grab	30	BR	AM	0
5768	YC72456	534823.39	6845835.02	4400	5750	AH/LF	Soil-B	Grab	30	BR	AM	0
5769	YC72456	534805.67	6845815.31	4400	5725	AH/LF	Soil-B	Grab	30	GYBR	AM	0
5770	YC72456	534790.27	6845794.4	4400	5700	AH/LF	Soil-B	Grab	30	GYBR	B	10
5771	YC72456	534776.31	6845773.58	4400	5675	AH/LF	Soil-B	Grab	40	GYBR	AM	0
5772	YC72456	534761.43	6845755.61	4400	5650	AH/LF	Soil-B	Grab	20	GYBR	AM	10
5773	YC72456	534740.76	6845730.23	4400	5625	AH/LF	Soil-TF	Grab	10	GY	AM	0
5774	YC72456	534724.88	6845720.35	4400	5600	AH/LF	Soil-B	Grab	30	BR	B	5
5775	YC72456	534716.51	6845696.83	4400	5575	AH/LF	Soil-TF	Grab	10	GY	TA	0
5776	YC72443	534017.87	6845295.48	4700	4825	LF/JM	Soil-B	Grab	20	BR	B	5
5777	YC72443	534000.74	6845268.48	4700	4800	LF/JM	Soil-B	Grab	30	BR	B	5
5778	YC72443	533985.69	6845253.9	4700	4775	LF/JM	Soil-B	Grab	20	BR	B	5
5779	YC72443	533958.15	6845207.67	4700	4750	LF/JM	Soil-B	Grab	20	BR	AM	5
5780	YC72443	533971.94	6845232.66	4700	4725	LF/JM	Soil-B	Grab	30	OBR	B	5
5781	YC72443	533937.71	6845189.66	4700	4700	LF/JM	Soil-B	Grab	20	OBR	B	0
5782	YC72443	533924.14	6845172.25	4700	4675	LF/JM	Soil-B	Grab	30	BR	B	5
5783	YC72443	533909.09	6845156.96	4700	4650	LF/JM	Soil-B	Grab	30	BR	AM	5
5784	YC72443	533895.18	6845133.16	4700	4625	LF/JM	Soil-B	Grab	30	BR	AM	5
5785	YC72443	533879.66	6845114.05	4700	4600	LF/JM	Soil-B	Grab	30	BR	AM	5
5786	YC72443	533862.95	6845092.29	4700	4575	LF/JM	Soil-B	Grab	30	BR	AM	5
5787	YC72443	533848.71	6845072.9	4700	4550	LF/JM	Soil-B	Grab	20	BR	AM	5
5788	YC72443	533837.69	6845051.46	4700	4525	LF/JM	Soil-B	Grab	40	GYBR	AM	5
5789	YC72444	534247.92	6845589.52	47N	5200	LM/JMc	Soil-B	Grab	30	BR	BF	5
5790	YC72444	534231.86	6845569.56	47N	5175	LM/JMc	Soil-B	Grab	20	GYBR	BF	5
5791	YC72444	534219.96	6845550.74	47N	5150	LM/JMc	Soil-B	Grab	45	BR	BF	5
5792	YC72444	534202.83	6845528.8	47N	5125	LM/JMc	Soil-B	Grab	30	BR	BF	5
5793	YC72444	534187.43	6845509.09	47N	5100	LM/JMc	Soil-B	Grab	40	BR	AM	5
5810	YC72444	534484.66	6845243.8	43	E5075	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5811	YC72444	534469.96	6845223.51	43	E5050	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5812	YC72444	534456.41	6845203.38	43	E5025	MMC/JW	Soil-B	Grab	40	ROBR	B	5
5813	YC72444	534456.36	6845203.23	43	E5025	MMC/JW	Soil-B	Grab				
5814	YC72444	534443.47	6845183.54	43	E5000	MMC/JW	Soil-B	Grab	45	GYBR	B	5
5815	YC72443	534426.08	6845159.36	43	E4975	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5816	YC72443	534395.54	6845125.58	43	E4925	MMC/JW	Soil-B	Grab	35	GYBR	B	5
5817	YC72443	534381.25	6845101.78	43	E4900	MMC/JW	Soil-B	Grab	40	ROBR	B	10
5818	YC72443	534365.61	6845083.27	43	E4875	MMC/JW	Soil-B	Grab	25	GYBR	B	10
5819	YC72443	534347.14	6845064.33	43	E4850	MMC/JW	Soil-B	Grab	30	GYBR	B	10
5820	YC72443	534331.31	6845044.27	43	E4825	MMC/JW	Soil-B	Grab	25	ROBR	B	5
5821	YC72443	534317.48	6845022.75	43	E4800	MMC/JW	Soil-B	Grab	35	ROBR	B	5
5822	YC72443	534300.17	6845006.47	43	E4775	MMC/JW	Soil-B	Grab	40	GYBR	B	5
5823	YC72443	534286.12	6844984.91	43	E4750	MMC/JW	Soil-B	Grab	35	GYBR	B	5
5824	YC72443	534270.15	6844966.42	43	E4725	MMC/JW	Soil-B	Grab	35	ROBR	B	10
5825	YC72443	534252.96	6844942.92	43	E4700	MMC/JW	Soil-B	Grab	35	ROBR	B	5
5826	YC72443	534241.15	6844924.75	43	E4675	MMC/JW	Soil-B	Grab	40	ROBR	B	5
5827	YC72443	534225.72	6844905.39	43	E4650	MMC/JW	Soil-B	Grab	40	ROBR	B	5
5828	YC72443	534207.17	6844887.03	43	E4625	MMC/JW	Soil-B	Grab	20	GYBR	B	10
5829	YC72443	534193.59	6844866.04	43	E4600	MMC/JW	Soil-B	Grab	20	ROBR	B	5
5830	YC72443	534179.17	6844844.27	43	E4575	MMC/JW	Soil-B	Grab	35	ROBR	B	5
5831	YC72443	534164.62	6844825.37	43	E4550	MMC/JW	Soil-B	Grab	20	ROBR	B	5
5832	YC72443	534146.49	6844806.88	43	E4525	MMC/JW	Soil-B	Grab	25	ROBR	B	5
5833	YC72731	534130.43	6844783.15	43	E4500	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5834	YC72731	534118.11	6844766.74	43	E4475	MMC/JW	Soil-B	Grab	40	ROBR	B	10
5835	YC72731	534102.03	6844748.58	43	E4450	MMC/JW	Soil-B	Grab	20	ROBR	B	5
5836	YC72731	534087.51	6844727.89	43	E4425	MMC/JW	Soil-B	Grab	40	ROBR	B	5
5837	YC72731	534071.53	6844709.08	43	E4400	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5838	YC72729	534107.35	6844675.49	4250	E4400	MMC/JW	Soil-B	Grab	30	ROBR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5839	YC72729	534120.83	6844694.29	4250	E4425	MMC/JW	Soil-B	Grab	40	ROBR	B	10
5840	YC72729	534138.6	6844713.03	4250	E4450	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5841	YC72729	534153.18	6844737.31	4250	E4475	MMC/JW	Soil-B	Grab	35	ROBR	B	10
5842	YC72729	534171.57	6844752.8	4250	E4500	MMC/JW	Soil-B	Grab	40	ROBR	B	10
5843	YC72441	534186.06	6844772.42	4250	E4525	MMC/JW	Soil-B	Grab	40	ROBR	B	5
5844	YC72441	534210.2	6844793.09	4250	E4550	MMC/JW	Soil-B	Grab	25	ROBR	B	10
5845	YC72441	534216.15	6844814.51	4250	E4575	MMC/JW	Soil-B	Grab	20	ROBR	B	10
5846	YC72441	534231.18	6844830.24	4250	E4600	MMC/JW	Soil-B	Grab	30	ROBR	B	5
5847	YC72441	534245.03	6844850.89	4250	E4625	MMC/JW	Soil-B	Grab	25	ROBR	B	5
5848	YC72441	534257.81	6844870.21	4250	E4650	MMC/JW	Soil-B	Grab	45	ROBR	B	5
5849	YC72455	535184.65	6846053.83	4250	6150	NG/JW	Soil-B	Grab	50	GYBR	BF	5
5850	YC72455	535169.68	6846030.82	4250	6125	NG/JW	Soil-B	Grab	30	ROBR	BF	10
5851	YC72455	535155.2	6846005.71	4250	6100	NG/JW	Soil-B	Grab	30	GYBR	BF	5
5852	YC72455	535135.79	6845995.49	4250	6075	NG/JW	Soil-B	Grab	40	GYBR	BF	15
5853	YC72455	535123.77	6845973.31	4250	6050	NG/JW	Soil-B	Grab	40	GYBR	BF	5
5854	YC72455	535109.58	6845949.93	4250	6025	NG/JW	Soil-B	Grab		ROBR	BF	5
5855	YC72455	535095.76	6845933.77	4250	6000	NG/JW	Soil-B	Grab	40	GYBR	B	5
5856	YC72455	535078.36	6845915.93	4250	5975	NG/JW	Soil-B	Grab	25	ROBR	B	5
5857	YC72455	535065.61	6845890.65	4250	5950	NG/JW	Soil-B	Grab	40	ROBR	B	5
5858	YC72455	535045.63	6845874.65	4250	5925	NG/JW	Soil-B	Grab	25	ROBR	B	5
5859	YC72454	535031.95	6845857.68	4250	5900	NG/JW	Soil-B	Grab	25	GYBR	B	5
5860	YC72454	535015.25	6845842.63	4250	5875	NG/JW	Soil-B	Grab	40	GYBR	AM	5
5861	YC72454	535004.28	6845812.53	4250	5850	NG/JW	Soil-B	Grab	30	ROBR	AM	5
5862	YC72454	534983.4	6845794.15	4250	5825	NG/JW	Soil-B	Grab	30	ROBR	AM	5
5863	YC72454	534919.36	6845720.17	4250	5700	NG/JW	Soil-B	Grab	10	ROBR	AM	30
5864	YC72454	534874.56	6845656.07	4250	5650	NG/JW	Soil-B	Grab	20	ROBR	AM	5
5865	YC72457	535004.76	6846316.42	4550	6250	NG/JW	Soil-B	Grab	35	ROBR	B	10
5866	YC72457	534994.61	6846297.95	4550	6225	NG/JW	Soil-B	Grab	35	ROBR	B	5
5867	YC72457	534979.19	6846275.29	4550	6200	NG/JW	Soil-B	Grab	25	GYBR	B	5
5868	YC72457	534965.13	6846256.79	4550	6175	NG/JW	Soil-B	Grab	35	ROBR	B	5
5869	YC72457	534949.23	6846237.46	4550	6150	NG/JW	Soil-B	Grab	15	ROBR	B	5
5870	YC72457	534933.15	6846217.29	4550	6125	NG/JW	Soil-B	Grab	35	ROBR	B	5
5871	YC72457	534918.88	6846196.92	4550	6100	NG/JW	Soil-B	Grab	25	ROBR	B	10
5872	YC72457	534903.28	6846177.99	4550	6075	NG/JW	Soil-B	Grab	40	ROBR	B	5
5873	YC72457	534888.85	6846160.74	4550	6050	NG/JW	Soil-B	Grab	50	ROBR	B	5
5874	YC72457	534869.71	6846139.17	4550	6025	NG/JW	Soil-B	Grab	30	ROBR	B	5
5875	YC72457	534852.55	6846118.77	4550	6000	NG/JW	Soil-B	Grab	30	ROBR	B	5
5876	YC72457	534840.91	6846100.39	4550	5975	NG/JW	Soil-B	Grab	40	ROBR	B	5
5877	YC72457	534828.63	6846076.87	4550	5950	NG/JW	Soil-B	Grab	30	ROBR	B	5
5879	YC72457	534810.99	6846060.66	4550	5925	NG/JW	Soil-B	Grab	40	ROBR	B	5
5880	YC72457	534792.65	6846041.92	4550	5900	NG/JW	Soil-B	Grab	20	GYBR	B	5
5881	YC72456	534781.56	6846020.05	4550	5875	NG/JW	Soil-B	Grab	35	ROBR	B	5
5882	YC72456	534764.44	6846002.25	4550	5850	NG/JW	Soil-B	Grab	35	ROBR	B	10
5883	YC72456	534748.09	6845984.53	4550	5825	NG/JW	Soil-B	Grab	35	ROBR	B	5
5884	YC72456	534734.73	6845960.57	4550	5800	NG/JW	Soil-B	Grab	35	ROBR	B	5
5885	YC72456	534719.63	6845943.27	4550	5775	NG/JW	Soil-B	Grab	35	GYBR	B	5
5886	YC72456	534701.41	6845926.05	4550	5750	NG/JW	Soil-B	Grab	35	GYBR	B	5
5887	YC72456	534688.91	6845902.67	4550	5725	NG/JW	Soil-B	Grab	30	GYBR	B	5
5888	YC72456	534671.11	6845884.36	4550	5700	NG/JW	Soil-B	Grab	35	GYBR	B	5
5889	YC72456	534656.54	6845862.11	4550	5675	NG/JW	Soil-B	Grab	25	GYBR	B	5
5890	YC72456	534640.86	6845844.58	4550	5650	NG/JW	Soil-B	Grab	35	ROBR	B	10
5891	YC72456	534625.41	6845823.6	4550	5625	NG/JW	Soil-B	Grab	35	ROBR	B	5
5892	YC72456	534613.51	6845802.84	4550	5600	NG/JW	Soil-TF	Grab	35	GY	B	5
5893	YC72456	534600.76	6845786.03	4550	5575	NG/JW	Soil-B	Grab	25	ROBR	B	5
5894	YC72456	534549.83	6845730.15	4550	5500	NG/JW	Soil-B	Grab	20	GYBR	B	15
5895	YC72444	534471.55	6845625.59	4550	5375	NG/AH	Soil-B	Grab	30	GYBR	B	0
5896	YC72444	534455.91	6845607.79	4550	5350	NG/AH	Soil-B	Grab	30	GYBR	B	0
5897	YC72444	534425.27	6845570.76	4550	5300	NG/AH	Soil-B	Grab	50	GYBR	B	5
5898	YC72456	534533.39	6845707.34	4550	5475	NG/JW	Soil-B	Grab	20	GYBR	B	5
5899	YC72444	534410.64	6845549.66	4550	5275	NG/AH	Soil-B	Grab	50	GYBR	B	0
5900	YC72444	534394.65	6845528.34	4550	5250	NG/AH	Soil-B	Grab	50	GYBR	B	5
5901	YC72444	534379.88	6845511.72	4550	5225	NG/AH	Soil-B	Grab	40	GYBR	B	10
5902	YC72444	534350.01	6845470.1	4550	5175	NG/AH	Soil-B	Grab	40	ROBR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
5903	YC72444	534304.38	6845418.07	4550	5100	NG/AH	Soil-B	Grab	60	ROBR	B	0
5904	YC72444	534288.05	6845389.18	4550	5075	NG/AH	Soil-B	Grab	40	ROBR	B	5
5905	YC72444	534272.92	6845371.26	4550	5050	NG/AH	Soil-B	Grab	30	ROBR	B	5
5906	YC72444	534256.64	6845351.83	4550	5025	NG/AH	Soil-B	Grab	40	ROBR	B	5
5907	YC72444	534240.21	6845331.27	4550	5000	NG/AH	Soil-B	Grab	40	ROBR	B	5
5908	YC72443	534225.13	6845311.52	4550	4975	NG/AH	Soil-B	Grab	30	ROBR	B	5
5909	YC72443	534210.36	6845294.8	4550	4950	NG/AH	Soil-B	Grab	40	ROBR	B	5
5910	YC72443	534196.99	6845272.71	4550	4925	NG/AH	Soil-B	Grab	20	ROBR	B	20
5911	YC72443	534180.85	6845254.59	4550	4900	NG/AH	Soil-B	Grab	30	ROBR	B	5
5912	YC72443	534163.68	6845232.96	4550	4875	NG/AH	Soil-B	Grab	30	ROBR	B	5
5913	YC72443	534148.3	6845212.08	4550	4850	NG/AH	Soil-B	Grab	50	ROBR	B	10
5914	YC72443	534133.43	6845191.36	4550	4825	NG/AH	Soil-B	Grab	40	ROBR	B	5
5915	YC72443	534118.4	6845173.56	4550	4800	NG/AH	Soil-B	Grab	30	ROBR	B	5
5916	YC72443	534101.9	6845153.28	4550	4775	NG/AH	Soil-B	Grab	30	ROBR	B	10
5917	YC72443	534085.55	6845134.57	4550	4750	NG/AH	Soil-B	Grab	30	ROBR	B	5
5918	YC72443	534070.88	6845116.16	4550	4725	NG/AH	Soil-B	Grab	30	ROBR	B	0
5919	YC72443	534054.75	6845096.85	4550	4700	NG/AH	Soil-B	Grab	30	ROBR	B	5
5920	YC72443	534044.14	6845074.36	4550	4675	NG/AH	Soil-B	Grab	30	ROBR	B	15
5921	YC72443	534025.45	6845054.43	4550	4650	NG/AH	Soil-B	Grab	30	BR	B	5
5922	YC72443	533997.03	6845019.68	4550	4600	NG/AH	Soil-B	Grab	40	BR	B	20
5923	YC72443	533983.11	6844997.95	4550	4575	NG/AH	Soil-B	Grab	30	ROBR	B	5
5924	YC72443	533947.78	6844955.78	4550	4525	NG/AH	Soil-B	Grab	30	BR	B	10
5925	YC72731	533932.7	6844938.88	4550	4500	NG/AH	Soil-B	Grab	30	ROBR	B	5
5926	YC72731	533916.62	6844918.57	4550	4475	NG/AH	Soil-B	Grab	10	ROBR	B	5
5927	YC72443	534243.24	6845014.79	4350	4750	AH/LF	Soil-B	Grab	30	GYBR	BF	5
5928	YC72443	534225.77	6844993.12	4350	4725	AH/LF	Soil-B	Grab	30	BR	BF	5
5929	YC72443	534213.97	6844976.88	4350	4700	AH/LF	Soil-B	Grab	30	GY	BF	5
5930	YC72443	534195.56	6844956.85	4350	4675	AH/LF	Soil-B	Grab	40	ROBR	BF	15
5931	YC72443	534182.4	6844931.48	4350	4650	AH/LF	Soil-B	Grab	30	GYBR	AM	5
5932	YC72443	534167.7	6844916.19	4350	4625	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5933	YC72443	534151.89	6844894.12	4350	4600	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5934	YC72443	534136.37	6844875.35	4350	4575	AH/LF	Soil-B	Grab	30	ROBR	AM	0
5935	YC72443	534122.68	6844854.27	4350	4550	AH/LF	Soil-B	Grab	30	ROBR	AM	0
5936	YC72443	534105.25	6844834.73	4350	4525	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5937	YC72731	534091.11	6844815.4	4350	4500	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5938	YC72731	534077.74	6844798.29	4350	4475	AH/LF	Soil-B	Grab	30	ROBR	BF	5
5939	YC72731	534062.87	6844775.42	4350	4450	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5940	YC72731	534043.57	6844758.94	4350	4425	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5941	YC72731	534026.96	6844735.03	4350	4400	AH/LF	Soil-B	Grab	30	ROBR	AM	5
5988	YC72441	534552.06	6845000.51	4100	4925	LF/TM	Soil-B	Grab	30	GYBR	AM	5
5989	YC72441	534534.66	6844978.49	4100	4900	LF/TM	Soil-B	Grab	30	BR	AM	5
5990	YC72441	534523.28	6844955.92	4100	4875	LF/TM	Soil-B	Grab	30	BR	AM	5
5991	YC72441	534503.41	6844936.88	4100	4850	LF/TM	Soil-B	Grab	30	BR	AM	5
5992	YC72441	534491.32	6844922.04	4100	4825	LF/TM	Soil-B	Grab	30	GYBR	AM	5
5993	YC72441	534474.04	6844892.47	4100	4800	LF/TM	Soil-B	Grab	30	BR	AM	5
5994	YC72441	534454.88	6844883.81	4100	4775	LF/TM	Soil-B	Grab	30	BR	AM	5
5995	YC72441	534443.78	6844862.81	4100	4750	LF/TM	Soil-B	Grab	40	BR	AM	5
5996	YC72441	534429.55	6844847.15	4100	4725	LF/TM	Soil-B	Grab	30	BR	AM	5
5997	YC72441	534414.03	6844819.36	4100	4700	LF/TM	Soil-B	Grab	40	BR	AM	5
5998	YC72441	534400.11	6844801.91	4100	4675	LF/TM	Soil-B	Grab	30	BR	AM	5
5999	YC72441	534381.94	6844782.28	4100	4650	LF/TM	Soil-B	Grab	40	BR	AM	5
6000	YC72441	534368.85	6844767.64	4100	4625	LF/TM	Soil-B	Grab	30	BR	AM	5
6001	YC73848	533824.57	6846421.59	5550N	E5600	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6002	YC73848	533808.33	6846401.64	5550N	E5575	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6003	YC73848	533793.46	6846382.68	5550N	E5550	MMC/TM	Soil-B	Grab	30	GYBR	AM	10
6004	YC73848	533774.63	6846364.27	5550N	E5525	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6005	YC73848	533758.42	6846345.42	5550N	E5500	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6006	YC73848	533744.68	6846322.96	5550N	E5475	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6007	YC73848	533730.97	6846302.94	5550N	E5450	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6008	YC73848	533716.71	6846285.68	5550N	E5425	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6009	YC73848	533702.95	6846266.55	5550N	E5400	MMC/TM	Soil-B	Grab	40	OBR	AM	10
6010	YC72448	533686.02	6846243.46	5550N	E5375	MMC/TM	Soil-B	Grab	70	OBR	AM	5
6011	YC72448	533668.85	6846224.11	5550N	E5350	MMC/TM	Soil-B	Grab	40	OBR	AM	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
6012	YC72448	533653.77	6846204.23	5550N	E5325	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6013	YC72448	533636.94	6846185.39	5550N	E5300	MMC/TM	Soil-B	Grab	30	GYBR	AM	10
6014	YC72448	533622.38	6846162.68	5550N	E5275	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6015	YC72448	533608.27	6846146.28	5550N	E5250	MMC/TM	Soil-B	Grab	30	GYBR	AM	0
6016	YC72448	533591.44	6846126.55	5550N	E5225	MMC/TM	Soil-B	Grab	40	GYBR	AM	5
6017	YC72448	533562.39	6846085.32	5550N	E5175	MMC/TM	Soil-TF	Grab	20	GRY	AM	0
6018	YC72448	533545.99	6846066.17	5550N	E5150	MMC/TM	Soil-TF	Grab	40	GRY	AM	5
6019	YC72448	533530.43	6846048.19	5550N	E5125	MMC/TM	Soil-TF	Grab	30	GRY	AM	5
6020	YC72448	533493.01	6846083.38	56N	E5125	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6021	YC72448	533509.18	6846097.96	56N	E5150	MMC/TM	Soil-TF	Grab	20	GRY	AM	0
6022	YC72448	533553.52	6846158.51	56N	E5225	MMC/TM	Soil-TF	Grab	30	GRY	AM	5
6023	YC72448	533568.84	6846177.67	56N	E5250	MMC/TM	Soil-B	Grab	30	GYBR	AM	0
6024	YC72448	533584.42	6846198.75	56N	E5275	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6025	YC72448	533598.72	6846217.8	56N	E5300	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6026	YC72448	533614.97	6846235.58	56N	E5325	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6027	YC72448	533629.01	6846258.21	56N	E5350	MMC/TM	Soil-B	Grab	50	OBR	AM	10
6028	YC72448	533647.1	6846276.98	56N	E5375	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6029	YC73848	533659.98	6846296.22	56N	E5400	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6030	YC73848	533674.97	6846315.81	56N	E5425	MMC/TM	Soil-B	Grab	20	OBR	AM	0
6031	YC73848	533690.98	6846336.42	56N	E5450	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6032	YC73848	533722.07	6846375.9	56N	E5500	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6033	YC73848	533739.95	6846394.66	56N	E5525	MMC/TM	Soil-B	Grab	40	OBR	AM	10
6034	YC73848	533752.45	6846414.39	56N	E5550	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6035	YC73848	533783.99	6846457.15	56N	E5600	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6036	YC73848	533803.53	6846475.28	56N	E5625	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6037	YC73848	533802.21	6846474.32	56N	E5625	MMC/TM	Soil-B	Grab				
6038	YC73848	533815.13	6846490.36	56N	E5650	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6039	YC73848	533742.82	6846482.43	5650N	E5600	MMC/TM	Soil-B	Grab	30	OBR	AM	0
6040	YC73848	533725.9	6846465.81	5650N	E5575	MMC/TM	Soil-B	Grab	30	GYBR	AM	0
6041	YC73848	533713.46	6846443.95	5650N	E5550	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6042	YC73848	533699.55	6846424.24	5650N	E5525	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6043	YC73848	533682.64	6846404.54	5650N	E5500	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6044	YC73848	533655.37	6846365.07	5650N	E5450	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6045	YC73848	533638.69	6846344.31	5650N	E5425	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6046	YC73848	533626.59	6846324.96	5650N	E5400	MMC/TM	Soil-B	Grab	30	OBR	AM	0
6047	YC73848	533606.49	6846306.97	5650N	E5375	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6048	YC72448	533574.71	6846266.17	5650N	E5325	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6049	YC72448	533560.94	6846245.42	5650N	E5300	MMC/TM	Soil-B	Grab	30	OBR	AM	0
6050	YC72448	533545.1	6846228.08	5650N	E5275	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6051	YC72448	533513.92	6846190.13	5650N	E5225	MMC/TM	Soil-TF	Grab	40	GRY	AM	5
6052	YC72448	533498.5	6846171.36	5650N	E5200	MMC/TM	Soil-B	Grab	40	GYBR	AM	0
6053	YC72448	533483.53	6846148.26	5650N	E5175	MMC/TM	Soil-TF	Grab	40	GRY	AM	0
6054	YC72448	533468.49	6846128.58	5650N	E5150	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6055	YC72448	533451.24	6846109.34	5650N	E5125	MMC/TM	Soil-TF	Grab	40	GRY	AM	0
6056	YC73857	533413.1	6846139.09	57N	E5125	MMC/TM	Soil-TF	Grab	40	GRY	AM	0
6057	YC73857	533426.31	6846160.57	57N	E5150	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6058	YC73857	533441.13	6846180.15	57N	E5175	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6059	YC73857	533459.37	6846197.46	57N	E5200	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6060	YC73857	533474.99	6846218.36	57N	E5225	MMC/TM	Soil-TF	Grab	30	GRY	AM	0
6061	YC73857	533489.62	6846237.84	57N	E5250	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6062	YC73857	533503.88	6846257.22	57N	E5275	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6063	YC73857	533519.44	6846278.62	57N	E5300	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6064	YC73857	533536.12	6846299.49	57N	E5325	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6065	YC73857	533550.92	6846317.69	57N	E5350	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6066	YC73850	533566.48	6846337.64	57N	E5375	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6067	YC73850	533581.77	6846358.7	57N	E5400	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6068	YC73850	533597.59	6846377.04	57N	E5425	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6069	YC73850	533611.25	6846397.57	57N	E5450	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6070	YC73850	533627.26	6846417.51	57N	E5475	MMC/TM	Soil-B	Grab	40	OBR	AM	10
6071	YC73850	533646.98	6846437	57N	E5500	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6072	YC73850	533662.37	6846453.93	57N	E5525	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6073	YC73850	533675.86	6846474.29	57N	E5550	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6074	YC73850	533689.03	6846495.13	57N	E5575	MMC/TM	Soil-B	Grab	30	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
6075	YC73848	533741.81	6846553.82	57N	E5650	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6076	YC72455	535304.7	6846125.91	42N	E6275	MMC/TM	Soil-B	Grab	30	OBR	B	5
6077	YC72455	535288.82	6846107.11	42N	E6250	MMC/TM	Soil-B	Grab	60	OBR	B	10
6078	YC72455	535274.93	6846087.64	42N	E6225	MMC/TM	Soil-B	Grab	70	GYBR	B	15
6079	YC72455	535257.65	6846063.27	42N	E6200	MMC/TM	Soil-B	Grab	30	OBR	B	5
6080	YC72455	535260.51	6846062.79	42N	E6200		Soil-B	Grab			B	
6081	YC72455	535244.99	6846046.16	42N	E6175	MMC/TM	Soil-B	Grab	30	OBR	B	5
6082	YC72455	535228.81	6846025.55	42N	E6150	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6083	YC72455	535213.31	6846008.8	42N	E6125	MMC/TM	Soil-B	Grab	30	OBR	B	5
6084	YC72455	535197	6845989	42N	E6100	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6085	YC72455	535183.45	6845966.83	42N	E6075	MMC/TM	Soil-B	Grab	50	GYBR	B	5
6086	YC72455	535167.62	6845947.77	42N	E6050	MMC/TM	Soil-B	Grab	30	OBR	B	0
6087	YC72455	535153.59	6845927.36	42N	E6025	MMC/TM	Soil-B	Grab	60	OBR	B	0
6088	YC72455	535135.36	6845904.99	42N	E6000	MMC/TM	Soil-B	Grab	40	OBR	B	5
6089	YC72455	535120.89	6845890.61	42N	E5975	MMC/TM	Soil-B	Grab	40	ROBR	B	5
6090	YC72455	535106.14	6845870.23	42N	E5950	MMC/TM	Soil-B	Grab	30	OBR	B	5
6091	YC72455	535089.24	6845851.42	42N	E5925	MMC/TM	Soil-B	Grab	40	OBR	B	0
6092	YC72454	535074.88	6845831.85	42N	E5900	MMC/TM	Soil-B	Grab	30	OBR	B	5
6093	YC72454	535057.16	6845811.5	42N	E5875	MMC/TM	Soil-B	Grab	40	OBR	B	5
6094	YC72454	535044.91	6845791.19	42N	E5850	MMC/TM	Soil-B	Grab	30	OBR	B	5
6095	YC72454	535028.57	6845770.36	42N	E5825	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6096	YC72454	534965.75	6845691.34	42N	E5725	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6097	YC72454	534950.3	6845675.24	42N	E5700	MMC/TM	Soil-B	Grab	20	OBR	AM	5
6098	YC72454	534933.96	6845657.34	42N	E5675	MMC/TM	Soil-TF	Grab	20	OBR	TS	10
6099	YC72454	534857.35	6845557.89	42N	E5550	MMC/TM	Soil-B	Grab	20	GRY	AM	0
6100	YC72454	534842.13	6845526.88	42N	E5525	MMC/TM	Soil-B	Grab	20	OBR	AM	0
6101	YC72454	534829.77	6845515.23	42N	E5500	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6102	YC72454	534812.4	6845495.09	42N	E5475	MMC/TM	Soil-B	Grab	20	OBR	AM	5
6103	YC72442	534788.03	6845469.93	42N	E5450	MMC/TM	Soil-B	Grab	30	OBR	AM	10
6104	YC72442	534763.18	6845436.29	42N	E5400	MMC/TM	Soil-B	Grab	30	GYBR	AM	10
6105	YC72442	534750.47	6845417.63	42N	E5375	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6106	YC72442	534736.74	6845397.54	42N	E5350	MMC/TM	Soil-B	Grab	40	OBR	B	5
6107	YC72442	534721.69	6845376.54	42N	E5325	MMC/TM	Soil-B	Grab	40	OBR	B	5
6108	YC72442	534702.67	6845355.06	42N	E5300	MMC/TM	Soil-B	Grab	30	OBR	B	10
6109	YC72442	534690.27	6845336.79	42N	E5275	MMC/TM	Soil-B	Grab	30	OBR	B	5
6110	YC72442	534658.16	6845298.34	42N	E5225	MMC/TM	Soil-B	Grab	30	OBR	B	5
6111	YC72442	534646.47	6845277.08	42N	E5200	MMC/TM	Soil-B	Grab	30	OBR	B	10
6112	YC72442	534624.16	6845258.9	42N	E5175	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6113	YC72442	534614.67	6845236.67	42N	E5150	MMC/TM	Soil-B	Grab	30	OBR	B	5
6114	YC72442	534595.81	6845219.29	42N	E5125	MMC/TM	Soil-B	Grab	30	OBR	B	10
6115	YC72442	534581.86	6845201.07	42N	E5100	MMC/TM	Soil-B	Grab	30	OBR	B	5
6116	YC72442	534563.47	6845180.5	42N	E5075	MMC/TM	Soil-B	Grab	40	OBR	B	5
6117	YC72442	534550.37	6845161.06	42N	E5050	MMC/TM	Soil-B	Grab	30	OBR	B	5
6118	YC72442	534536.75	6845139.75	42N	E5025	MMC/TM	Soil-B	Grab	30	OBR	B	10
6119	YC72442	534519.03	6845118.43	42N	E5000	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6120	YC72441	534506.08	6845100.03	42N	E4975	MMC/TM	Soil-B	Grab	50	GYBR	B	10
6121	YC72441	534489.4	6845082.15	42N	E4950	MMC/TM	Soil-B	Grab	30	OBR	B	5
6122	YC72441	534474.86	6845061.23	42N	E4925	MMC/TM	Soil-B	Grab	40	OBR	B	5
6123	YC72441	534459.81	6845041.73	42N	E4900	MMC/TM	Soil-B	Grab	30	GYBR	B	10
6124	YC72441	534441.72	6845021.63	42N	E4875	MMC/TM	Soil-B	Grab	40	OBR	B	5
6125	YC72441	534428.78	6845001.54	42N	E4850	MMC/TM	Soil-B	Grab	40	OBR	B	5
6126	YC72441	534410.66	6844983.98	42N	E4825	MMC/TM	Soil-B	Grab	40	OBR	B	5
6127	YC72441	534396.75	6844962.13	42N	E4800	MMC/TM	Soil-B	Grab	30	OBR	B	5
6128	YC72441	534382.65	6844944.51	42N	E4775	MMC/TM	Soil-B	Grab	30	OBR	B	5
6129	YC72441	534364.84	6844920.55	42N	E4750	MMC/TM	Soil-B	Grab	40	OBR	B	5
6130	YC72441	534360.74	6844921.6	42N	E4750	MMC/TM	Soil-B	Grab				
6131	YC72441	534352.43	6844899.7	42N	E4725	MMC/TM	Soil-B	Grab	40	OBR	B	5
6132	YC72441	534337.74	6844883.88	42N	E4700	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6133	YC72441	534321.49	6844863.09	42N	E4675	MMC/TM	Soil-B	Grab	30	OBR	B	5
6134	YC72441	534305.14	6844842.34	42N	E4650	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6135	YC72441	534289.98	6844825.86	42N	E4625	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6136	YC72441	534274.51	6844806.58	42N	E4600	MMC/TM	Soil-B	Grab	30	OBR	B	5
6137	YC72441	534257.81	6844786.98	42N	E4575	MMC/TM	Soil-B	Grab	50	OBR	B	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
6138	YC72441	534244.85	6844766.67	42N	E4550	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6139	YC72729	534213.74	6844726.32	42N	E4500	MMC/TM	Soil-B	Grab	40	OBR	B	5
6140	YC72729	534196.04	6844707.98	42N	E4475	MMC/TM	Soil-B	Grab	30	OBR	B	5
6141	YC72729	534181.49	6844688.46	42N	E4450	MMC/TM	Soil-B	Grab	40	OBR	B	5
6142	YC72729	534166.65	6844666.89	42N	E4425	MMC/TM	Soil-B	Grab	30	OBR	B	5
6143	YC72729	534150.11	6844646.16	42N	E4400	MMC/TM	Soil-B	Grab	40	OBR	B	5
6144	YC72729	534188.56	6844611.75	4150N	E4400	MMC/TM	Soil-B	Grab	30	OBR	B	5
6145	YC72729	534199.15	6844633.64	4150N	E4425	MMC/TM	Soil-B	Grab	40	OBR	B	10
6146	YC72729	534213	6844655.7	4150N	E4450	MMC/TM	Soil-B	Grab	30	OBR	B	5
6147	YC72729	534228.56	6844672.24	4150N	E4475	MMC/TM	Soil-B	Grab	40	ROBR	B	5
6148	YC72729	534245.73	6844694.22	4150N	E4500	MMC/TM	Soil-B	Grab	30	OBR	B	5
6149	YC72729	534262.93	6844711.39	4150N	E4525	MMC/TM	Soil-B	Grab	30	OBR	B	5
6150	YC72441	534280	6844734.03	4150N	E4550	MMC/TM	Soil-B	Grab	20	OBR	B	5
6151	YC72441	534289.89	6844752.69	4150N	E4575	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6152	YC72441	534306.33	6844769.92	4150N	E4600	MMC/TM	Soil-B	Grab	50	OBR	B	5
6153	YC72441	534326.6	6844788.06	4150N	E4625	MMC/TM	Soil-B	Grab	30	ROBR	B	10
6154	YC72441	534372.06	6844851.3	4150N	E4700	MMC/TM	Soil-B	Grab	30	OBR	B	10
6155	YC72441	534387.51	6844867.35	4150N	E4725	MMC/TM	Soil-B	Grab	30	OBR	B	10
6156	YC72441	534399.55	6844887.25	4150N	E4750	MMC/TM	Soil-B	Grab	30	OBR	B	5
6157	YC72441	534418.69	6844906.77	4150N	E4775	MMC/TM	Soil-B	Grab	40	OBR	B	10
6158	YC72441	534430.98	6844927.18	4150N	E4800	MMC/TM	Soil-B	Grab	30	OBR	B	5
6159	YC72441	534447.89	6844950.97	4150N	E4825	MMC/TM	Soil-B	Grab	30	OBR	B	5
6160	YC72441	534463.23	6844971.02	4150N	E4850	MMC/TM	Soil-B	Grab	30	OBR	B	5
6161	YC72441	534477.55	6844988.66	4150N	E4875	MMC/TM	Soil-B	Grab	30	OBR	B	5
6162	YC72441	534493.28	6845007.77	4150N	E4900	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6163	YC72441	534511.55	6845025.85	4150N	E4925	MMC/TM	Soil-B	Grab	30	OBR	B	5
6164	YC72441	534524.63	6845044.76	4150N	E4950	MMC/TM	Soil-B	Grab	30	OBR	B	5
6165	YC72455	535311.96	6846052.53	4150N	E6225	MMC/TM	Soil-B	Grab	30	OBR	B	5
6166	YC72455	535293.6	6846031.78	4150N	E6200	MMC/TM	Soil-B	Grab	30	OBR	B	5
6167	YC72455	535282.59	6846013.5	4150N	E6175	MMC/TM	Soil-B	Grab	30	OBR	B	5
6168	YC72455	535266.79	6845991.47	4150N	E6150	MMC/TM	Soil-B	Grab	40	OBR	B	10
6169	YC72455	535250.46	6845975.31	4150N	E6125	MMC/TM	Soil-B	Grab	30	OBR	B	5
6170	YC72455	535234.79	6845952.56	4150N	E6100	MMC/TM	Soil-B	Grab	30	OBR	B	5
6171	YC72455	535220.05	6845934.37	4150N	E6075	MMC/TM	Soil-B	Grab	30	OBR	B	10
6172	YC72455	535200.63	6845910.78	4150N	E6050	MMC/TM	Soil-B	Grab	30	OBR	B	5
6173	YC72455	535186.07	6845896.76	4150N	E6025	MMC/TM	Soil-B	Grab	40	ROBR	B	5
6174	YC72455	535170.99	6845875.89	4150N	E6000	MMC/TM	Soil-B	Grab	30	ROBR	B	5
6175	YC72455	535155.19	6845857.56	4150N	E5975	MMC/TM	Soil-B	Grab	30	OBR	B	5
6176	YC72455	535142.35	6845836.24	4150N	E5950	MMC/TM	Soil-B	Grab	40	OBR	B	10
6177	YC72455	535127.23	6845816.27	4150N	E5925	MMC/TM	Soil-B	Grab	30	OBR	B	15
6178	YC72454	535110.08	6845796.61	4150N	E5900	MMC/TM	Soil-B	Grab	40	OBR	B	10
6179	YC72454	535093.91	6845774.02	4150N	E5875	MMC/TM	Soil-B	Grab	30	OBR	B	5
6180	YC72454	535080.05	6845757.11	4150N	E5850	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6181	YC72454	535000.35	6845657.28	4150N	E5725	MMC/TM	Soil-B	Grab	30	OBR	AM	10
6182	YC72454	534988.14	6845639.21	4150N	E5700	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6183	YC72454	534970.49	6845618.53	4150N	E5675	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6184	YC72454	534942.13	6845581.83	4150N	E5625	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6185	YC72454	534911.99	6845541.04	4150N	E5575	MMC/TM	Soil-TF	Grab	30	GRY	TA	5
6186	YC72442	534820.74	6845420.09	4150N	E5425	MMC/TM	Soil-B	Grab	40	OBR	B	5
6187	YC72442	534802.92	6845403.61	4150N	E5400	MMC/TM	Soil-B	Grab	40	OBR	B	5
6188	YC72442	534788.12	6845382.99	4150N	E5375	MMC/TM	Soil-B	Grab	40	OBR	B	5
6189	YC72442	534774.35	6845365.46	4150N	E5350	MMC/TM	Soil-B	Grab	30	OBR	B	5
6190	YC72442	534756.33	6845339.42	4150N	E5325	MMC/TM	Soil-B	Grab	30	OBR	B	10
6191	YC72442	534741.9	6845319.14	4150N	E5300	MMC/TM	Soil-B	Grab	30	OBR	B	5
6192	YC72442	534729.77	6845298.87	4150N	E5275	MMC/TM	Soil-B	Grab	30	OBR	B	10
6193	YC72442	534709.21	6845286.71	4150N	E5250	MMC/TM	Soil-B	Grab	30	OBR	B	5
6194	YC72442	534693.14	6845263.25	4150N	E5225	MMC/TM	Soil-B	Grab	40	OBR	B	5
6195	YC72442	534680.19	6845242.08	4150N	E5200	MMC/TM	Soil-B	Grab	40	OBR	B	10
6196	YC72442	534659.6	6845226.5	4150N	E5175	MMC/TM	Soil-B	Grab	30	GYBR	B	10
6197	YC72442	534648.41	6845206.75	4150N	E5150	MMC/TM	Soil-B	Grab	30	OBR	B	5
6198	YC72442	534634.89	6845184.88	4150N	E5125	MMC/TM	Soil-B	Grab	40	OBR	B	15
6199	YC72442	534618.47	6845165.99	4150N	E5100	MMC/TM	Soil-B	Grab	60	GYBR	B	20
6200	YC72442	534603.86	6845143.23	4150N	E5075	MMC/TM	Soil-B	Grab	40	ROBR	B	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
6201	YC72442	534587.34	6845125.41	4150N	E5050	MMC/TM	Soil-B	Grab	40	OBR	B	10
6202	YC72442	534573.59	6845108	4150N	E5025	MMC/TM	Soil-B	Grab	40	GYBR	B	5
6203	YC72442	534555.7	6845088.79	4150N	E5000	MMC/TM	Soil-B	Grab	30	GYBR	B	5
6204	YC72441	534543.13	6845068.15	4150N	E4975	MMC/TM	Soil-B	Grab	30	GYBR	B	10
6205	YC72448	533856.74	6845981.05	5250N	E5275	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6206	YC73848	534088.9	6846277.34	5250N	E5650	MMC/AH	Soil-B	Grab	20	OBR	AM	15
6207	YC73848	534074.73	6846256.45	5250N	E5625	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6208	YC73848	534055.93	6846239.08	5250N	E5600	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6209	YC73848	534055.93	6846239.08	5250N	E5600	MMC/AH	Soil-B	Grab				
6210	YC73848	534040.84	6846219.14	5250N	E5575	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6211	YC73848	534026.28	6846197.73	5250N	E5550	MMC/AH	Soil-B	Grab	40	OBR	AM	5
6212	YC73848	534012.82	6846177.38	5250N	E5525	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6213	YC73848	533998.62	6846156.11	5250N	E5500	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6214	YC73848	533982.7	6846139.08	5250N	E5475	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6215	YC73848	533965.86	6846119.01	5250N	E5450	MMC/AH	Soil-B	Grab	40	GYBR	AM	5
6216	YC73848	533950.84	6846098.71	5250N	E5425	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6217	YC73848	533935.93	6846080.36	5250N	E5400	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6218	YC72448	533920.25	6846059.88	5250N	E5375	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6219	YC72448	533905.63	6846041.66	5250N	E5350	MMC/AH	Soil-B	Grab	40	OBR	AM	5
6220	YC72448	533889.11	6846021.04	5250N	E5325	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6221	YC72448	533874.37	6846000.71	5250N	E5300	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6222	YC72448	533842.14	6845961.54	5250N	E5250	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6223	YC72448	533827.17	6845941.99	5250N	E5225	MMC/AH	Soil-TF	Grab	10	GRY	AM	5
6224	YC72448	533811.76	6845921.4	5250N	E5200	MMC/AH	Soil-TF	Grab	10	GRY	AM	5
6225	YC72448	533796.67	6845903.19	5250N	E5175	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6226	YC72448	533759.25	6845936.93	53N	E5175	MMC/AH	Soil-B	Grab		GYBR	AM	10
6227	YC72448	533775.29	6845955.42	53N	E5200	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6228	YC72448	533790.2	6845975.59	53N	E5225	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6229	YC72448	533805.7	6845994.96	53N	E5250	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6230	YC72448	533820.51	6846013.27	53N	E5275	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6231	YC72448	533838.2	6846033.41	53N	E5300	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6232	YC72448	533851.64	6846053.26	53N	E5325	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6233	YC72448	533865.99	6846072.01	53N	E5350	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6234	YC72448	533883.4	6846089.85	53N	E5375	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6235	YC73848	533900.91	6846109.7	53N	E5400	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6236	YC73848	533912.88	6846130.63	53N	E5425	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6237	YC73848	533928.31	6846150.64	53N	E5450	MMC/AH	Soil-B	Grab	20	GYBR	AM	0
6238	YC73848	533944.64	6846171.72	53N	E5475	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6239	YC73848	533963.68	6846191.51	53N	E5500	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6240	YC73848	533972.74	6846209.35	53N	E5525	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6241	YC73848	533989.59	6846229	53N	E5550	MMC/AH	Soil-B	Grab	30	OBR	AM	10
6242	YC73848	534019	6846269.19	53N	E5600	MMC/AH	Soil-TF	Grab	20	GRY	AM	0
6243	YC73848	534037.29	6846290.57	53N	E5650	MMC/AH	Soil-TF	Grab	20	GRY	AM	0
6244	YC73848	534070.33	6846329.02	53N	E5675	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6245	YC72458	534147.48	6846265.04	52N	E5675	MMC/AH	Soil-TF	Grab	5	GRY	AM	0
6246	YC72458	534133.58	6846245.99	52N	E5650	MMC/AH	Soil-TF	Grab	10	GRY	AM	0
6247	YC72458	534118.6	6846228.48	52N	E5625	MMC/AH	Soil-B	Grab	10	OBR	AM	5
6248	YC72458	534100.65	6846207.23	52N	E5600	MMC/AH	Soil-B	Grab	10	OBR	AM	0
6249	YC72458	534056.39	6846148.91	52N	E5525	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6250	YC72458	534025.18	6846111.93	52N	E5475	MMC/AH	Soil-B	Grab	20	OBR	AM	5
6251	YC72458	534005.76	6846092.27	52N	E5450	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6252	YC72458	533992.07	6846072.88	52N	E5425	MMC/AH	Soil-TF	Grab	20	GRY	AM	0
6253	YC72458	533978.47	6846053.28	52N	E5400	MMC/AH	Soil-B	Grab	30	GYBR	AM	5
6254	YC72446	533959.59	6846031.54	52N	E5375	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6255	YC72446	533946.35	6846012.65	52N	E5350	MMC/AH	Soil-B	Grab	30	OBR	AM	20
6256	YC72446	533929.67	6845994.25	52N	E5325	MMC/AH	Soil-B	Grab	50	GYBR	AM	20
6257	YC72446	533916.61	6845974.21	52N	E5300	MMC/AH	Soil-B	Grab	40	GYBR	AM	5
6258	YC72446	533903.31	6845953.74	52N	E5275	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6259	YC72446	533885.38	6845932.14	52N	E5250	MMC/AH	Soil-B	Grab	30	ROBR	AM	5
6260	YC72446	533868.85	6845914.49	52N	E5225	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6261	YC72446	533856.31	6845893.76	52N	E5200	MMC/AH	Soil-B	Grab	70	GYBR	AM	10
6262	YC72446	533840.08	6845874.87	52N	E5175	MMC/AH	Soil-B	Grab	30	OBR	AM	5
6263	YC73852	533205.53	6846688.15	62N	E5425	MMC/TM	Soil-B	Grab	30	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
6264	YC73852	533220.13	6846704.38	62N	E5450	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6265	YC73852	533234.61	6846724.22	62N	E5475	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6266	YC73852	533250.42	6846745.03	62N	E5500	MMC/TM	Soil-B	Grab	40	GYBR	AM	5
6267	YC73852	533264.7	6846764.65	62N	E5525	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6268	YC73852	533280.34	6846781.34	62N	E5550	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6269	YC73852	533295.01	6846803.73	62N	E5575	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6270	YC73852	533311.87	6846823.15	62N	E5600	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6271	YC73852	533327.66	6846841.59	62N	E5625	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6272	YC73852	533341.95	6846857.84	62N	E5650	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6273	YC73852	533356.97	6846882.02	62N	E5675	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6274	YC73852	533373.23	6846901.83	62N	E5700	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6275	YC73852	533387.88	6846921.92	62N	E5725	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6276	YC73852	533419.03	6846961.05	62N	E5775	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6277	YC73852	533436.91	6846980.68	62N	E5800	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6278	YC73853	533450.88	6846998.87	62N	E5825	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6279	YC73853	533464.98	6847020.03	62N	E5850	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6280	YC73853	533463.54	6847020.47	62N	E5850	MMC/TM	Soil-B	Grab				
6281	YC73853	533479.14	6847040.29	62N	E5875	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6282	YC73853	533495.7	6847058.21	62N	E5900	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6283	YC73853	533510.38	6847078.19	62N	E5925	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6284	YC73853	533543.2	6847119.35	62N	E5975	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6285	YC73853	533558.71	6847138.39	62N	E6000	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6286	YC73853	533571.73	6847156.92	62N	E6025	MMC/TM	Soil-B	Grab	30	OBR	AM	10
6287	YC73853	533590.07	6847176.79	62N	E6050	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6288	YC73853	533603.22	6847197.32	62N	E6075	MMC/TM	Soil-B	Grab	20	OBR	AM	15
6289	YC73853	533618.38	6847217.47	62N	E6100	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6290	YC73853	533635.02	6847236.74	62N	E6125	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6291	YC73853	533648.92	6847254.96	62N	E6150	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6292	YC73853	533665.27	6847277.19	62N	E6175	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6293	YC73853	533680.22	6847297.25	62N	E6200	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6294	YC73853	533695.62	6847315.74	62N	E6225	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6295	YC73853	533711.01	6847336.3	62N	E6250	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6296	YC73851	533748.72	6847303.25	6150N	E6250	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6297	YC73851	533733.49	6847283.23	6150N	E6225	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6298	YC73851	533719.97	6847263.52	6150N	E6200	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6299	YC73851	533705.2	6847243.13	6150N	E6175	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6300	YC73851	533685.88	6847222.4	6150N	E6150	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6301	YC73851	533673.38	6847203.9	6150N	E6125	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6302	YC73851	533643.23	6847165.8	6150N	E6075	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6303	YC73851	533630.08	6847147.41	6150N	E6050	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6304	YC73851	533596.86	6847105.49	6150N	E6000	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6305	YC73851	533580.9	6847087.84	6150N	E5975	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6306	YC73851	533562.5	6847069.59	6150N	E5950	MMC/TM	Soil-B	Grab	20	OBR	AM	5
6307	YC73851	533548.33	6847049.21	6150N	E5925	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6308	YC73851	533534.42	6847027.95	6150N	E5900	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6309	YC73851	533517.96	6847009.81	6150N	E5875	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6310	YC73851	533503.01	6846985.71	6150N	E5850	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6311	YC73850	533474.01	6846947.49	6150N	E5800	MMC/TM	Soil-B	Grab	30	OBR	AM	15
6312	YC73850	533458.89	6846928.69	6150N	E5775	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6313	YC73850	533443.07	6846908.01	6150N	E5750	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6314	YC73850	533425.21	6846890.41	6150N	E5725	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6315	YC73850	533413.06	6846870.94	6150N	E5700	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6316	YC73850	533395.38	6846850.58	6150N	E5675	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6317	YC73850	533380.84	6846830.84	6150N	E5650	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6318	YC73850	533364.8	6846810.04	6150N	E5625	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6319	YC73850	533348.59	6846790	6150N	E5600	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6320	YC73850	533335	6846770.11	6150N	E5575	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6321	YC73850	533318.21	6846749.86	6150N	E5550	MMC/TM	Soil-B	Grab	40	OBR	AM	5
6322	YC73850	533304.73	6846732.18	6150N	E5525	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6323	YC73850	533289.23	6846711.91	6150N	E5500	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6324	YC73850	533273.46	6846691.44	6150N	E5475	MMC/TM	Soil-B	Grab	30	GYBR	AM	5
6325	YC73852	533258.16	6846672.62	6150N	E5450	MMC/TM	Soil-B	Grab	30	OBR	AM	5
6326	YC73852	533241.31	6846651.19	6150N	E5425	MMC/TM	Soil-B	Grab	30	OBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7001	YC89530	532469.02	6845418.88	60N	E3975	RG/JI	Soil-B	Grab	30	OBR	BF	0
7002	YC89529	532459.65	6845402.11	60N	E3950	RG/JI	Soil-B	Grab	30	OBR	BF	5
7003	YC89529	532439.41	6845378.09	60N	E3925	RG/JI	Soil-B	Grab	40	OBR	BF	10
7004	YC89529	532423.48	6845360.5	60N	E3900	RG/JI	Soil-B	Grab	40	OBR	BF	5
7005	YC89529	532410.35	6845346.96	60N	E3875	RG/JI	Soil-B	Grab	20	OBR	BF	5
7006	YC89529	532396.84	6845317.94	60N	E3850	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7007	YC89529	532379.53	6845305.64	60N	E3825	RG/JI	Soil-B	Grab	20	GYBR	BF	5
7008	YC89529	532358.57	6845284.55	60N	E3800	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7009	YC89529	532345.12	6845264.88	60N	E3775	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7010	YC89529	532330.68	6845246.29	60N	E3750	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7011	YC89529	532310.36	6845228.32	60N	E3725	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7012	YC89529	532302.06	6845205.26	60N	E3700	RG/JI	Soil-B	Grab	40	OBR	BF	5
7013	YC89529	532281.78	6845186.52	60N	E3675	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7014	YC89529	532268.74	6845166.71	60N	E3650	RG/JI	Soil-B	Grab	30	OBR	BF	5
7015	YC89529	532256.55	6845147.1	60N	E3625	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7016	YC89529	532239.23	6845128.84	60N	E3600	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7017	YC89529	532224.52	6845105.71	60N	E3575	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7018	YC89529	532207.49	6845084.16	60N	E3550	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7019	YC89529	532173.16	6845050.19	60N	E3500	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7020	YD10917	532160.27	6845030.62	60N	E3475	RG/JI	Soil-B	Grab	40	OBR	BF	5
7021	YD10917	532146.27	6845009.89	60N	E3450	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7022	YD10917	532133.87	6844991.06	60N	E3425	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7023	YD10917	532112.28	6844967.55	60N	E3400	RG/JI	Soil-B	Grab	50	GYBR	BF	5
7024	YD10917	532096.9	6844944.73	60N	E3375	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7025	YD10917	532081.88	6844929.56	60N	E3350	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7026	YD10917	532065.93	6844906.98	60N	E3325	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7027	YD10917	532053.45	6844887.78	60N	E3300	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7039	YC73859	532987.59	6846570.86	63N	5200E	RG/JI	Soil-B	Grab	30	BR	BF	0
7040	YC73859	532967.16	6846552.7	63N	5175E	RG/JI	Soil-B	Grab	50	BR	BF	0
7041	YC73859	532940.47	6846511.56	63N	5125E	RG/JI	Soil-B	Grab	40	BR	BF	5
7042	YC73859	532925.49	6846494.59	63N	5100E	RG/JI	Soil-B	Grab	40	BR	BF	5
7043	YC73859	532911.52	6846472.07	63N	5075E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7044	YC73859	532896.58	6846450.74	63N	5050E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7045	YC73859	532887.67	6846419.97	63N	5025E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7046	YC73859	532865.95	6846414.47	63N	5000E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7047	YC73859	532834.91	6846372.86	63N	4950E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7048	YC73859	532823.12	6846348.38	63N	4925E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7049	YC73859	532804.02	6846333.4	63N	4900E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7050	YC73858	532791.9	6846307.42	63N	4875E	RG/JI	Soil-B	Grab	50	GYBR	BF	5
7051	YC73858	532771.96	6846294.52	63N	4850E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7052	YC73858	532755.61	6846274.83	63N	4825E	RG/JI	Soil-B	Grab	30	BR	BF	5
7053	YC73858	532740.83	6846254.43	63N	4800E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7054	YC73858	532729.67	6846227.22	63N	4775E	RG/JI	Soil-B	Grab	40	OBR	BF	0
7055	YC73858	532699.87	6846190.02	63N	4725E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7056	YC73858	532681.15	6846177.39	63N	4700E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7057	YC73858	532660.87	6846158.54	63N	4675E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7058	YC73858	532651.57	6846138.86	63N	4650E	RG/JI	Soil-B	Grab	40	OBR	BF	5
7059	YC73858	532636.3	6846113.46	63N	4625E	RG/JI	Soil-B	Grab	40	BR	BF	5
7060	YC73858	532619.04	6846099.45	63N	4600E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7061	YC73858	532603.47	6846076.31	63N	4575E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7062	YC73858	532588.94	6846056.93	63N	4550E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7063	YC73858	532572.4	6846037.31	63N	4525E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7064	YC73858	532556.69	6846019.34	63N	4500E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7065	YC73858	532539.49	6845998.99	63N	4475E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7066	YC73858	532524.43	6845979.09	63N	4450E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7067	YC73858	532514.75	6845957.99	63N	4425E	RG/JI	Soil-B	Grab	40	OBR	BF	5
7068	YD29195	532495.88	6845938.01	63N	4400E	RG/JI	Soil-B	Grab	40	OBR	BF	5
7069	YD29195	532482.37	6845917.99	63N	4375E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7070	YD29195	532463.37	6845899.84	63N	4350E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7071	YD29195	532438.34	6845884.65	63N	4325E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7072	YD29195	532434.96	6845860.91	63N	4300E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7073	YD29195	532428.15	6845830.65	63N	4275E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7074	YD29195	532402.84	6845820.67	63N	4250E	RG/JI	Soil-B	Grab	30	OBR	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7075	YD29195	532391.45	6845797.63	63N	4225E	RG/JI	Soil-B	Grab	40	OBR	BF	10
7076	YD29195	532372.72	6845781.18	63N	4200E	RG/JI	Soil-B	Grab	50	GYBR	BF	5
7077	YD29195	532365.05	6845754.42	63N	4175E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7078	YD29195	532342.09	6845740.34	63N	4150E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7079	YD29195	532333.31	6845716.31	63N	4125E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7080	YD29195	532312.36	6845705.39	63N	4100E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7081	YD29195	532297.57	6845681.09	63N	4075E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7082	YD29195	532280.36	6845662.6	63N	4050E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7083	YD29195	532261.67	6845647.33	63N	4025E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7084	YD29195	532248.27	6845625.64	63N	4000E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7085	YD29195	532233.64	6845605.81	63N	3975E	RG/JI	Soil-B	Grab	30	OBR	BF	10
7086	YD29195	532217.12	6845586.67	63N	3950E	RG/JI	Soil-B	Grab	40	OBR	BF	10
7087	YD24797	532206.84	6845557.56	63N	3925E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7088	YD24797	532187.54	6845547.51	63N	3900E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7089	YD24797	532170.07	6845527.09	63N	3875E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7090	YD24797	532157.49	6845506.34	63N	3850E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7091	YD24797	532140.42	6845486.68	63N	3825E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7092	YD24797	532129.64	6845465.64	63N	3800E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7093	YD24797	532094.29	6845428.02	63N	3750E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7094	YD24797	532078.61	6845408	63N	3725E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7095	YD24797	532064.47	6845388.71	63N	3700E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7096	YD24797	532053.08	6845363.59	63N	3675E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7097	YD24797	532033.21	6845349.53	63N	3650E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7098	YD24797	532020.93	6845326.99	63N	3625E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7099	YD24797	532001.79	6845306.84	63N	3600E	RG/JI	Soil-B	Grab	30	GYBR	BF	10
7100	YD24797	531983.61	6845291.93	63N	3575E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7101	YD24797	531970.48	6845271.74	63N	3550E	RG/JI	Soil-B	Grab	40	GYBR	BF	10
7102	YD24797	531949.18	6845252.72	63N	3525E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7103		531943.06	6845231.12	63N	3500E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7104	YD10919	531911.42	6845192.42	63N	3450E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7105	YD10919	531899.78	6845166.51	63N	3425E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7106	YD10919	531880.51	6845153.73	63N	3400E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7107	YD10919	531869.52	6845124.42	63N	3375E	RG/JI	Soil-B	Grab	50	GYBR	BF	5
7108	YD10919	531846.39	6845115.11	63N	3350E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7109	YD10919	531830.62	6845094.2	63N	3325E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7110	YD10919	531818.14	6845072.66	63N	3300E	RG/JI	Soil-B	Grab	30		BF	5
7111	YC72457	534856.55	6846434.52	47N	6225E	RG	Soil-B	Grab	30	BR	BF	5
7112	YC72457	534835.55	6846420.16	47N	6200E	RG	Soil-B	Grab	30	BR	BF	5
7113	YC72457	534819.81	6846400.04	47N	6175E	RG	Soil-B	Grab	30	BR	BF	5
7114	YC72457	534805.15	6846379.4	47N	6150E	RG	Soil-B	Grab	30	BR	BF	5
7115	YC72457	534790.62	6846362.91	47N	6125E	RG	Soil-B	Grab	30	GYBR	BF	5
7116	YC72457	534773.38	6846342.9	47N	6100E	RG	Soil-B	Grab	30	GYBR	BF	5
7117	YC72457	534758.87	6846321.62	47N	6075E	RG	Soil-B	Grab	30	GYBR	BF	5
7118	YC72457	534739.38	6846304.08	47N	6050E	RG	Soil-B	Grab	30	BR	BF	5
7119	YC72457	534726.8	6846282.63	47N	6025E	RG	Soil-B	Grab	30	BR	BF	5
7120	YC72457	534713.41	6846262.23	47N	6000E	RG	Soil-B	Grab	30	BR	BF	5
7121	YC72457	534699.64	6846239.17	47N	5975E	RG	Soil-B	Grab	40	OBR	BF	5
7122	YC72457	534682.88	6846221.75	47N	5950E	RG	Soil-B	Grab	30	BR	BF	15
7123	YC72457	534667.84	6846207.76	47N	5925E	RG	Soil-B	Grab	30	BR	BF	5
7124	YC72457	534649.12	6846186.45	47N	5900E	RG	Soil-B	Grab	30	BR	BF	5
7125	YC72457	534635.43	6846165.6	47N	5875E	RG	Soil-B	Grab	30	BR	BF	5
7126	YC72456	534620.28	6846147.23	47N	5850E	RG	Soil-B	Grab	30	GYBR	BF	5
7127	YC72456	534606.53	6846124.26	47N	6250E	RG	Soil-B	Grab	30	BR	BF	5
7128	YC72456	534591.28	6846106.04	47N	5825E	RG	Soil-B	Grab	30	BR	BF	5
7129	YC72456	534577.8	6846081.19	47N	5800E	RG	Soil-B	Grab	30	GYBR	BF	5
7130	YC72456	534559.95	6846069.19	47N	5775E	RG	Soil-B	Grab	30	OBR	BF	10
7131	YC72456	534547.61	6846047.82	47N	5750E	RG	Soil-B	Grab	40	BR	BF	5
7132	YC72456	534527.64	6846025.83	47N	5725E	RG	Soil-B	Grab	30	BR	BF	5
7133	YC72456	534519.5	6846006.55	47N	5700E	RG	Soil-B	Grab	40	OBR	BF	5
7134	YC72456	534498.86	6845987.03	47N	5675E	RG	Soil-B	Grab	30	OBR	BF	5
7135	YC72456	534479.52	6845971.62	47N	5650E	RG	Soil-B	Grab	40	GYBR	BF	5
7136	YC72456	534465.03	6845948.59	47N	5625E	RG	Soil-B	Grab	30	OBR	BF	5
7137	YC72456	534450.45	6845927.34	47N	5600E	RG	Soil-B	Grab	30	GYBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7138	YC72456	534432.79	6845913.34	47N	5575E	RG	Soil-B	Grab	30	GYBR	BF	5
7139	YC72456	534418.59	6845889.69	47N	5550E	RG	Soil-B	Grab	30	GYBR	BF	5
7140	YC72456	534400.37	6845869.07	47N	5525E	RG	Soil-B	Grab	30	GYBR	BF	5
7141	YC72459	534616.56	6846624.55	50N	6250E	RG/JI	Soil-B	Grab	30	OBR	BF	5
7142	YC72459	534601.95	6846605.68	5050N	6225E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7143	YC72459	534584.65	6846586.42	5050N	6200E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7144	YC72459	534570.27	6846566.56	5050N	6175E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7145	YC72459	534555.15	6846547.68	5050N	6150E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7146	YC72459	534539.96	6846527.43	5050N	6125E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7147	YC72459	534523.37	6846508.13	5050N	6100E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7148	YC72459	534508	6846487.75	5050N	6075E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7149	YC72459	534491.96	6846467.51	5050N	6050E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7150	YC72459	534477.84	6846448.49	5050N	6025E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7151	YC72459	534461.6	6846427.35	5050N	6000E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7152	YC72459	534446.65	6846409.24	5050N	5975E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7153	YC72459	534431.2	6846389.36	5050N	5950E	RG/JI	Soil-B	Grab	50	GYBR	BF	5
7154	YC72459	534415.9	6846369.38	5050N	5925E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7155	YC72459	534400.38	6846349.72	5050N	5900E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7156	YC72459	534386.09	6846331.83	5050N	5875E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7157	YC72458	534369.28	6846311.13	5050N	5850E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7158	YC72458	534354.05	6846291.42	5050N	5825E	RG/JI	Soil-B	Grab	30	GYBR	BF	0
7159	YC72458	534325.33	6846251.62	5050N	5775E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7160	YC72458	534311.3	6846231.88	5050N	5750E	RG/JI	Soil-B	Grab	40	GYBR	BF	5
7161	YC72458	534293.82	6846212.78	5050N	5725E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7162	YC72458	534276.72	6846195.12	5050N	5700E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7163	YC72458	534259.45	6846170.23	5050N	5675E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7164	YC72458	534244.94	6846153.31	5050N	5650E	RG/JI	Soil-B	Grab	40	GYBR	BF	0
7165	YC72458	534234.02	6846133.3	5050N	5625E	RG/JI	Soil-B	Grab	30	GYBR	BF	5
7166	YC72458	534215.7	6846110.95	5050N	E5600	RG/LM	Soil-B	Grab	40	BR	BF	5
7167	YC72458	534197.66	6846086.41	5050N	E5575	RG/LM	Soil-B	Grab	30	BR	BF	5
7168	YC72458	534182.82	6846071.64	5050N	E5550	RG/LM	Soil-B	Grab	45	BR	BF	5
7169	YC72458	534169.13	6846054.35	5050N	E5525	RG/LM	Soil-B	Grab	30	BR	BF	5
7170	YC72458	534150.55	6846030.84	5050N	E5500	RG/LM	Soil-B	Grab	30	BR	BF	0
7171	YC72458	534138.45	6846012.91	5050N	E5475	RG/LM	Soil-B	Grab	30	BR	BF	0
7172	YC72458	534124.95	6845991.85	5050N	E5450	RG/LM	Soil-B	Grab	40	BR	BF	0
7173	YC72458	534117.08	6845972.95	5050N	E5425	RG/LM	Soil-B	Grab	30	BR	BF	0
7174	YC72446	534098.48	6845955.2	5050N	E5400	RG/LM	Soil-B	Grab	30	BR	BF	5
7175	YC72446	534076.86	6845941.48	5050N	E5375	RG/LM	Soil-B	Grab	30	OBR	BF	0
7176	YC72446	534066.48	6845920.33	5050N	E5350	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7177	YC72446	534047.81	6845898.31	5050N	E5325	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7178	YC72446	534034.19	6845877.3	5050N	E5300	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7179	YC72446	534018.66	6845860.64	5050N	E5275	RG/LM	Soil-B	Grab	40	OBR	BF	0
7180	YC72446	534002.31	6845839.87	5050N	E5250	RG/LM	Soil-B	Grab	40	BR	BF	5
7181	YC72446	533979.77	6845814.87	5050N	E5225	RG/LM	Soil-B	Grab	40	BR	BF	0
7182	YC72446	533967.17	6845798.35	5050N	E5200	RG/LM	Soil-B	Grab	40	BR	BF	5
7183	YC72446	533952.98	6845779.92	5050N	E5175	RG/LM	Soil-B	Grab	40	BR	BF	5
7184	YC72446	533938.51	6845757.35	5050N	E5150	RG/LM	Soil-B	Grab	30	BR	BF	0
7185	YC72446	533924.71	6845740.16	5050N	E5125	RG/LM	Soil-B	Grab	30	OBR	BF	0
7186	YC72446	533908.85	6845724.09	5050N	E5100	RG/LM	Soil-B	Grab	40	GYBR	BF	0
7187	YC72446	533899.1	6845697.81	5050N	E5075	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7188	YC72446	533879.54	6845678.73	5050N	E5050	RG/LM	Soil-B	Grab	30	GYBR	BF	0
7189	YC72446	533862.47	6845662.51	5050N	E5025	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7190	YC72446	533849.9	6845645.41	5050N	E5000	RG/LM	Soil-B	Grab	40	OBR	BF	0
7191	YC72446	533833.11	6845622.51	5050N	E4975	RG/LM	Soil-B	Grab	30	GYBR	BF	0
7192	YC72446	533816.09	6845603.92	5050N	E4950	RG/LM	Soil-B	Grab	30	OBR	BF	5
7193	YC72445	533797.13	6845583.74	5050N	E4925	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7194	YC72445	533786.81	6845561.77	5050N	E4900	RG/LM	Soil-B	Grab	40	OBR	BF	5
7195	YC72445	533773.08	6845537.61	5050N	E4875	RG/LM	Soil-B	Grab	40	OBR	BF	5
7196	YC72445	533753.09	6845521.83	5050N	E4850	RG/LM	Soil-B	Grab	30	OBR	BF	5
7197	YC72445	533737.75	6845502.75	5050N	E4825	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7198	YC72445	533725.62	6845483.54	5050N	E4800	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7199	YC72445	533706.03	6845462.99	5050N	E4775	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7200	YC72445	533691.81	6845444.57	5050N	E4750	RG/LM	Soil-B	Grab	30	GYBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7201	YC72445	533677.08	6845425.36	5050N	E4725	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7202	YC72445	533664.22	6845404.91	5050N	E4700	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7203	YC72445	533648.01	6845388.11	5050N	E4675	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7204	YC72445	533633.19	6845367.29	5050N	E4650	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7205	YC72445	533615.39	6845341.86	5050N	E4625	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7206	YC72445	533602.95	6845324.43	5050N	E4600	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7207	YC72445	533583.23	6845305.03	5050N	E4575	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7208	YC72445	533568.47	6845290.85	5050N	E4550	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7209	YC72445	533557.97	6845265.61	5050N	E4525	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7210	YC72445	533540.13	6845247.61	5050N	E4500	RG/LM	Soil-B	Grab	30	GYBR	BF	5
7211	YC72733	533525.97	6845226.29	5050N	E4475	RG/LM	Soil-B	Grab	20	GYBR	BF	0
7212	YC72733	533510.46	6845204.93	5050N	E4450	RG/LM	Soil-B	Grab	30	OBR	BF	5
7213	YC72733	533494.61	6845187.87	5050N	E4425	RG/LM	Soil-B	Grab	40	OBR	BF	5
7214	YC72733	533479.3	6845165.61	5050N	E4400	RG/LM	Soil-B	Grab	40	GYBR	BF	5
7215	YC72445	533557	6845328	51N	E4600	RG	Soil-B	Grab			B	5
7216	YC72445	533576	6845400	51N	E4625	RG	Soil-B	Grab			B	5
7217	YC72445	533592	6845400	51N	E4650	RG	Soil-B	Grab			B	5
7218	YC72445	533607	6845417	51N	E4675	RG	Soil-B	Grab			B	5
7219	YC72445	533627	6845440	51N	E4700	RG	Soil-B	Grab			B	5
7220	YC72445	533638	6845461	51N	E4725	RG	Soil-B	Grab			B	5
7221	YC72445	533656	6845482	51N	E4750	RG	Soil-B	Grab			B	5
7222	YC72445	533671	6845495	51N	E4775	RG	Soil-B	Grab			B	10
7223	YC72445	533688	6845520	51N	E4800	RG	Soil-B	Grab			B	5
7224	YC72445	533700	6845537	51N	E4825	RG	Soil-B	Grab			B	5
7225	YC72445	533716	6845552	51N	E4850	RG	Soil-B	Grab			B	5
7226	YC72445	533729	6845578	51N	E4875	RG	Soil-B	Grab			B	5
7227	YC72445	533746	6845599	51N	E4900	RG	Soil-B	Grab			B	5
7228	YC72445	533761	6845616	51N	E4925	RG	Soil-B	Grab			B	0
7229	YC72446	533777	6845636	51N	E4950	RG	Soil-B	Grab			B	5
7230	YC72446	533789	6845657	51N	E4975	RG	Soil-B	Grab			B	0
7231	YC72446	533810	6845678	51N	E5000	RG	Soil-B	Grab			B	5
7232	YC72446	533824	6845692	51N	E5025	RG	Soil-B	Grab			B	5
7233	YC72446	533844	6845713	51N	E5050	RG	Soil-B	Grab			B	5
7234	YC72446	533860	6845733	51N	E5075	RG	Soil-B	Grab			B	5
7235	YC72446	533873	6845749	51N	E5100	RG	Soil-B	Grab			B	5
7236	YC72446	533883	6845774	51N	E5125	RG	Soil-B	Grab			B	5
7237	YC72446	533902	6845795	51N	E5150	RG	Soil-B	Grab			B	5
7238	YC72446	533919	6845816	51N	E5175	RG	Soil-B	Grab			B	5
7239	YC72446	533937	6845827	51N	E5200	RG	Soil-B	Grab			B	5
7240	YC72446	533952	6845850	51N	E5225	RG	Soil-B	Grab			B	10
7241	YC72446	533969	6845866	51N	E5250	RG	Soil-B	Grab			B	0
7242	YC72446	533983	6845888	51N	E5275	RG	Soil-B	Grab			B	5
7243	YC72446	533992	6845912	51N	E5300	RG	Soil-B	Grab			B	5
7244	YC72446	534008	6845927	51N	E5325	RG	Soil-B	Grab			B	5
7245	YC72446	534026	6845951	51N	E5350	RG	Soil-B	Grab			B	5
7246	YC72446	534037	6845970	51N	E5375	RG	Soil-B	Grab			B	5
7247	YC72446	534054	6845987	51N	E5400	RG	Soil-B	Grab			B	5
7248	YC72458	534068	6846010	51N	E5425	RG	Soil-B	Grab			B	5
7249	YC72458	534086	6846029	51N	E5450	RG	Soil-B	Grab			B	5
7250	YC72458	534103	6846049	51N	E5475	RG	Soil-B	Grab			B	5
7251	YC72458	534118	6846069	51N	E5500	RG	Soil-B	Grab			B	5
7252	YC72458	534132.63	6846088.77	51N	5525E	LM/JMc	Soil-B	Grab	40	GYBR	AM	0
7253	YC72458	534148.79	6846100.48	51N	5550E	LM/JMc	Soil-B	Grab	40	BR	AM	0
7254	YC72458	534161.59	6846122.82	51N	5575E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7255	YC72458	534178.67	6846144.34	51N	5600E	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
7256	YC72458	534196.37	6846165.48	51N	5625E	LM/JMc	Soil-B	Grab	20	BR	AM	10
7257	YC72458	534212.78	6846186.24	51N	5650E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7258	YC72458	534225.6	6846202.38	51N	5675E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7259	YC72458	534242.68	6846222.93	51N	5700E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7260	YC72458	534256.48	6846240.73	51N	5725E	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
7261	YC72458	534272.15	6846260.74	51N	5750E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7262	YC72458	534280.17	6846282.92	51N	5775E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7263	YC72458	534307.63	6846305.01	51N	5800E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7264	YC72458	534322.16	6846320.14	51N	5825E	LM/JMc	Soil-B	Grab	60	GYBR	AM	0
7265	YC72458	534333.63	6846343.52	51N	5850E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7266	YC72459	534348.48	6846359.88	51N	5875E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7267	YC72459	534362.73	6846380.22	51N	5900E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7268	YC72459	534379.59	6846403.31	51N	5925E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7269	YC72459	534393.57	6846419.49	51N	5950E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7270	YC72459	534410.18	6846438.84	51N	5975E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7271	YC72459	534423.07	6846458.32	51N	6000E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7272	YC72459	534438.06	6846482.08	51N	6025E	LM/JMc	Soil-B	Grab	15	BR	AM	5
7273	YC72459	534456.86	6846499.66	51N	6050E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7274	YC72459	534471.46	6846520.42	51N	6075E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7275	YC72459	534487.27	6846538.47	51N	6100E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7276	YC72459	534499.54	6846559.29	51N	6125E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7277	YC72459	534513.89	6846580.2	51N	6150E	LM/JMc	Soil-B	Grab	20	GYBR	AM	0
7278	YC72459	534531.85	6846597.63	51N	6175E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7279	YC72459	534548.97	6846617.6	51N	6200E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7280	YC72459	534561.75	6846638.13	51N	6225E	LM/JMc	Soil-B	Grab	30	BR	AM	10
7281	YC72459	534577.81	6846656.33	51N	6250E	LM/JMc	Soil-B	Grab	30	BR	AM	10
7282	YC72459	534534.22	6846684.52	5150N	6250E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7283	YC72459	534518.86	6846667.49	5150N	6225E	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
7284	YC72459	534501.94	6846649.23	5150N	6200E	LM/JMc	Soil-B	Grab	15	BR	AM	5
7285	YC72459	534493.88	6846628.09	5150N	6175E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7286	YC72459	534480.74	6846607.31	5150N	6150E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7287	YC72459	534465.4	6846590.97	5150N	6125E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7288	YC72459	534446.84	6846569.43	5150N	6100E	LM/JMc	Soil-B	Grab	20	BR	AM	10
7289	YC72459	534431.79	6846552.77	5150N	6075E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7290	YC72459	534415.3	6846526.61	5150N	6050E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7291	YC72459	534400.04	6846507.25	5150N	6025E	LM/JMc	Soil-B	Grab	20	GYBR	AM	10
7292	YC72459	534384.62	6846491.39	5150N	6000E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7293	YC72459	534366.56	6846469.75	5150N	5975E	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
7294	YC72459	534354.49	6846450.99	5150N	5950E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7295	YC72459	534338.74	6846428.88	5150N	5925E	LM/JMc	Soil-B	Grab	20	BR	AM	5
7296	YC72459	534326.27	6846419.02	5150N	5900E	LM/JMc	Soil-B	Grab	20	BR	AM	10
7297	YC72459	534309.88	6846395.28	5150N	5875E	LM/JMc	Soil-B	Grab	15	GYBR	AM	5
7298	YC72458	534298.22	6846376.46	5150N	5850E	LM/JMc	Soil-B	Grab	10	BR	AM	0
7299	YC72458	534279.73	6846357.64	5150N	5825E	LM/JMc	Soil-B	Grab	20	GYBR	AM	5
7300	YC72458	534263.49	6846333.98	5150N	5800E	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
7301	YC72458	534245.21	6846313.86	5150N	5775E	LM/JMc	Soil-B	Grab	30	GYBR	AM	5
7302	YC72458	534230.9	6846298.02	5150N	5750E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7303	YC72458	534215.22	6846278.18	5150N	5725E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7304	YC72458	534196.46	6846255.86	5150N	5700E	LM/JMc	Soil-B	Grab	25	BR	AM	5
7305	YC72458	534186.04	6846242.15	5150N	5675E	LM/JMc	Soil-B	Grab	40	GYBR	AM	5
7306	YC72458	534167.07	6846222	5150N	5650E	LM/JMc	Soil-B	Grab	10	BR	AM	10
7307	YC72458	534157.09	6846197.58	5150N	5625E	LM/JMc	Soil-B	Grab	10	GYBR	AM	5
7308	YC72458	534143.74	6846174.91	5150N	5600E	LM/JMc	Soil-B	Grab	10	BR	AM	5
7309	YC72458	534125.47	6846159.91	5150N	5575E	LM/JMc	Soil-B	Grab	30	BR	AM	5
7310	YC72458	534108.68	6846136.34	5150N	5550E	LM/JMc	Soil-B	Grab	40	BR	AM	5
7311	YC72458	534090	6846116	5150N	E5525	RG	Soil-B	Grab			B	5
7312	YC72458	534077	6846095	5150N	E5500	RG	Soil-B	Grab			B	5
7313	YC72458	534062	6846076	5150N	E5475	RG	Soil-B	Grab			B	5
7314	YC72458	534043	6846046	5150N	E5450	RG	Soil-B	Grab			B	5
7315	YC72458	534031	6846031	5150N	E5425	RG	Soil-B	Grab			B	5
7316	YC72446	534008	6846021	5150N	E5400	RG	Soil-B	Grab			B	5
7317	YC72446	533991	6845995	5150N	E5375	RG	Soil-B	Grab			B	5
7318	YC72446	533981	6845978	5150N	E5350	RG	Soil-B	Grab			B	5
7319	YC72446	533966	6845956	5150N	E5325	RG	Soil-B	Grab			B	5
7320	YC72446	533950	6845942	5150N	E5300	RG	Soil-B	Grab			B	5
7321	YC72446	533933	6845919	5150N	E5275	RG	Soil-B	Grab			B	5
7322	YC72446	533921	6845900	5150N	E5250	RG	Soil-B	Grab			B	5
7323	YC72446	533908	6845884	5150N	E5225	RG	Soil-B	Grab			B	5
7324	YC72446	533889	6845864	5150N	E5200	RG	Soil-B	Grab			B	5
7325	YC72446	533872	6845841	5150N	E5175	RG	Soil-B	Grab			B	5
7326	YC72446	533864	6845825	5150N	E5150	RG	Soil-B	Grab			B	5

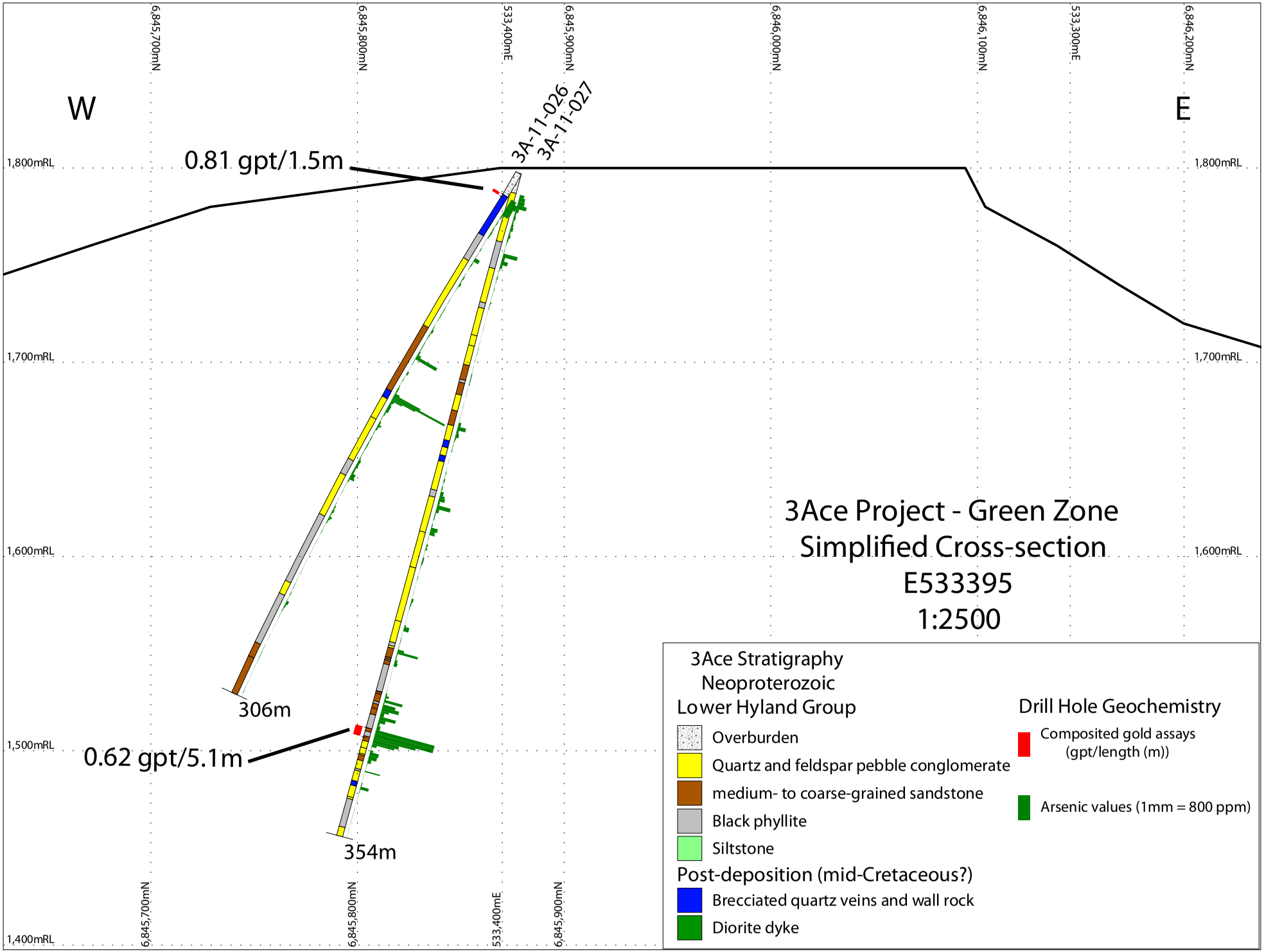
Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7327	YC72446	533847	6845803	5150N	E5125	RG	Soil-B	Grab			B	5
7328	YC72446	533833	6845779	5150N	E5100	RG	Soil-B	Grab			B	5
7329	YC72446	533816	6845767	5150N	E5075	RG	Soil-B	Grab			B	5
7330	YC72446	533799	6845745	5150N	E5050	RG	Soil-B	Grab			B	5
7331	YC72446	533789	6845723	5150N	E5025	RG	Soil-B	Grab			B	5
7332	YC72446	533772	6845700	5150N	E5000	RG	Soil-B	Grab			B	5
7333	YC72446	533756	6845681	5150N	E4975	RG	Soil-B	Grab			B	5
7334	YC72446	533740	6845659	5150N	E4950	RG	Soil-B	Grab			B	5
7335	YC72445	533719	6845646	5150N	E4925	RG	Soil-B	Grab			B	5
7336	YC72445	533711	6845624	5150N	E4900	RG	Soil-B	Grab			B	5
7337	YC72445	533695	6845601	5150N	E4875	RG	Soil-B	Grab			B	5
7338	YC72445	533682	6845583	5150N	E4850	RG	Soil-B	Grab			B	5
7339	YC72445	533664	6845565	5150N	E4825	RG	Soil-B	Grab			B	5
7340	YC72445	533649	6845551	5150N	E4800	RG	Soil-B	Grab			B	5
7341	YC72445	533633	6845525	5150N	E4775	RG	Soil-B	Grab			B	5
7342	YC72445	533617	6845506	5150N	E4750	RG	Soil-B	Grab			B	5
7343	YC72445	533601	6845490	5150N	E4725	RG	Soil-B	Grab			B	5
7344	YC72445	533586	6845469	5150N	E4700	RG	Soil-B	Grab			B	5
7345	YC72445	533563	6845444	5150N	E4675	RG	Soil-B	Grab			B	5
7346	YC72445	533549	6845425	5150N	E4650	RG	Soil-B	Grab			B	5
7347	YC72445	533535	6845406	5150N	E4625	RG	Soil-B	Grab			B	0
7348	YC72445	533520	6845386	5150N	E4600	RG	Soil-B	Grab			B	5
7349	YC72445	533509	6845365	5150N	E4575	RG	Soil-B	Grab			B	5
7350	YC72445	533493	6845344	5150N	E4550	RG	Soil-B	Grab			B	5
7351	YC72445	533477	6845324	5150N	E4525	RG	Soil-B	Grab			B	5
7352	YC72445	533463	6845306	5150N	E4500	RG	Soil-B	Grab			B	5
7353	YC72445	533446	6845290	5150N	E4475	RG	Soil-B	Grab			B	5
7354	YC72733	533429	6845270	5150N	E4450	RG	Soil-B	Grab			B	0
7355	YC72733	533411	6845247	5150N	E4425	RG	Soil-B	Grab			B	5
7356	YC72733	533401	6845229	5150N	E4400	RG	Soil-B	Grab			B	5
7357	YC72733	533383	6845213	5150N	E4375	RG	Soil-B	Grab			B	5
7358	YC72733	533361	6845192	5150N	E4350	RG	Soil-B	Grab			B	5
7359	YC72733	533350	6845169	5150N	E4325	RG	Soil-B	Grab			B	5
7360	YC72733	533334	6845146	5150N	E4300	RG	Soil-B	Grab			B	5
7365	YC72731	533823.89	6844894.41	46	4400	JM/TI	Soil-B	Grab	20	BR	AM	10
7366	YC72731	533849.71	6844915.25	46	4425	JM/TI	Soil-B	Grab	40	BR	AM	5
7367	YC72731	533866.46	6844930.18	46	4450	JM/TI	Soil-B	Grab	40	BR	AM	5
7368	YC72731	533880.25	6844951.11	46	4475	JM/TI	Soil-B	Grab	30	BR	AM	5
7369	YC72443	533896.35	6844970.7	46	4500	JM/TI	Soil-B	Grab	30	GRBR	AM	5
7370	YC72443	533909.21	6844991.82	46	4525	JM/TI	Soil-B	Grab	20	BR	AM	0
7371	YC72443	533928.04	6845009.59	46	4550	JM/TI	Soil-B	Grab	40	BR	AM	5
7372	YC72443	533942.15	6845030.41	46	4575	JM/TI	Soil-B	Grab	30	BR	AM	5
7373	YC72443	533957.33	6845052.25	46	4600	JM/TI	Soil-B	Grab	30	BR	AM	5
7374	YC72443	533970.63	6845071.12	46	4625	JM/TI	Soil-B	Grab	30	BR	AM	5
7375	YC72443	533987.21	6845089.54	46	4650	JM/TI	Soil-B	Grab	30	BR	AM	10
7376	YC72443	534003.26	6845107.39	46	4675	JM/TI	Soil-B	Grab	20	BR	AM	20
7377	YC72443	534018.29	6845127.7	46	4700	JM/TI	Soil-B	Grab	20	BR	AM	5
7378	YC72443	534033.34	6845148.83	46	4725	JM/TI	Soil-B	Grab	30	BR	AM	5
7379	YC72443	534048.7	6845170.17	46	4750	JM/TI	Soil-B	Grab	30	GRBR	AM	10
7380	YC72443	534066.84	6845187.62	46	4775	JM/TI	Soil-B	Grab	30	BR	AM	0
7381	YC72443	534082.81	6845207.32	46	4800	JM/TI	Soil-B	Grab	30	BR	AM	10
7382	YC72456	534389.12	6845854.99	4750	5350	JW/JM	Soil-B	Grab	35	ROBR	B	5
7383	YC72456	534379	6845831.3	4750	5375	JW/JM	Soil-B	Grab	30	ROBR	B	5
7384	YC72456	534358.08	6845815.58	4750	5400	JW/JM	Soil-B	Grab	25	GYBR	B	10
7385	YC72456	534351.57	6845794.71	4750	5425	JW/JM	Soil-B	Grab	25	GYBR	B	5
7386	YC72444	534333.79	6845772.88	4750	5450	JW/JM	Soil-B	Grab	30	GYBR	B	5
7387	YC72444	534319.39	6845750.73	4750	5475	JW/JM	Soil-B	Grab	30	ROBR	B	10
7388	YC72444	534298.98	6845734.7	4750	5500	JW/JM	Soil-B	Grab	35	ROBR	B	5
7389	YC72455	535213.75	6846167.02	43N	6250E	JW/JI	Soil-B	Grab	60	GYBR	BF	5
7390	YC72455	535193.96	6846148.74	43N	6225E	JW/JI	Soil-B	Grab	40	GYBR	BF	5
7391	YC72455	535179.66	6846127	43N	6200E	JW/JI	Soil-B	Grab	40	ROBR	BF	10
7392	YC72455	535163.82	6846108.08	43N	6175E	JW/JI	Soil-B	Grab	40	GYBR	BF	25
7393	YC72455	535147.01	6846086	43N	6150E	JW/JI	Soil-B	Grab	40	ROBR	BF	5

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
7394	YC72455	535132.14	6846067.54	43N	6125E	JW/JI	Soil-B	Grab	40	ROBR	BF	5
7395	YC72455	535119.62	6846046.78	43N	6100E	JW/JI	Soil-B	Grab	60	GYBR	BF	5
7396	YC72455	535103.08	6846027.8	43N	6075E	JW/JI	Soil-B	Grab	30	ROBR	BF	5
7397	YC72455	535086.15	6846007.99	43N	6050E	JW/JI	Soil-B	Grab	30	GYBR	BF	10
7398	YC72455	535072.25	6845984.89	43N	6025E	JW/JI	Soil-B	Grab	50	GYBR	BF	5
7399	YC72455	535056.43	6845969.15	43N	6000E	JW/JI	Soil-B	Grab	30	GYBR	BF	10
7400	YC72455	535039.46	6845948.99	43N	5975E	JW/JI	Soil-B	Grab	40	GYBR	BF	5
7401	YC72455	535024.13	6845930.94	43N	5950E	JW/JI	Soil-B	Grab	30	ROBR	B	5
7402	YC72455	535009.84	6845910.63	43N	5925E	JW/JI	Soil-B	Grab	40	ROBR	B	5
7403	YC72454	534993.76	6845890.97	43N	5900E	JW/JI	Soil-B	Grab	50	ROBR	B	5
7404	YC72454	534978.51	6845869.82	43N	5875E	JW/JI	Soil-B	Grab	50	ROBR	B	5
7405	YC72454	534962.4	6845851.79	43N	5850E	JW/JI	Soil-B	Grab	30	ROBR	B	5
7406	YC72454	534948.69	6845831.03	43N	5825E	JW/JI	Soil-B	Grab	40	ROBR	B	5
7407	YC72454	534933.12	6845813.14	43N	5800E	JW/JI	Soil-B	Grab	50	GYBR	B	5
7408	YC72454	534917.5	6845792.18	43N	5775E	JW/JI	Soil-B	Grab	30	GYBR	AM	5
7409	YC72454	534901.54	6845772.25	43N	5750E	JW/JI	Soil-B	Grab	20	ROBR	AM	5
7410	YC72454	534886.82	6845752.59	43N	5725E	JW/JI	Soil-B	Grab	60	ROBR	AM	5
7411	YC72454	534871.03	6845733.64	43N	5700E	JW/JI	Soil-B	Grab	50	GYBR	AM	5
7412	YC72454	534855.89	6845715.21	43N	5675E	JW/JI	Soil-B	Grab	40	GYBR	AM	5
7413	YC72454	534841.64	6845696.31	43N	5650E	JW/JI	Soil-B	Grab	30	ROBR	AM	5
7414	YC72454	534825	6845673.49	43N	5625E	JW/JI	Soil-B	Grab	30	ROBR	AM	10
7415	YC72454	534761.21	6845596.69	43N	5525E	JW/JI	Soil-B	Grab	25	GYBR	B	10
7416	YC72454	534745.09	6845573.14	43N	5500E	JW/JI	Soil-B	Grab	25	GYBR	B	5
7417	YC72454	534734.2	6845555.86	43N	5475E	JW/JI	Soil-B	Grab	50	GYBR	B	5
7418	YC72454	534717.87	6845537.16	43N	5450E	JW/JI	Soil-B	Grab	20	ROBR	B	5
7419	YC72442	534703.28	6845517.91	43N	5425E	JW/JI	Soil-B	Grab	40	ROBR	B	10
7420	YC72442	534611.29	6845397.98	43N	5275E	JW/JI	Soil-B	Grab	40	GYBR	B	5
7421	YC72442	534593.71	6845379.37	43N	5250E	JW/JI	Soil-B	Grab	50	GYBR	B	5
7422	YC72442	534578.78	6845363.82	43N	5225E	JW/JI	Soil-B	Grab	40	ROBR	B	5
7423	YC72442	534564.53	6845339.71	43N	5200E	JW/JI	Soil-B	Grab	50	ROBR	B	5
7424	YC72442	534547.2	6845319.53	43N	5175E	JW/JI	Soil-B	Grab	35	ROBR	B	10
7425	YC72442	534532.5	6845301.23	43N	5150E	JW/JI	Soil-B	Grab	30	ROBR	B	5
7426	YC72444	534501.49	6845261.8	43N	5100E	JW/JI	Soil-B	Grab	30	GYBR	B	5
7427	YC72455	535252.16	6846149.54	4250	6250	NG/JW	Soil-B	Grab	40	GYBR	BF	10
7428	YC72455	535252.16	6846149.54			NG/JW	Soil-B	Grab				
7429	YC72455	535232.51	6846111.27	4250	6225	NG/JW	Soil-B	Grab	30	GYBR	BF	5
7430	YC72455	535202.43	6846068.82	4250	6175	NG/JW	Soil-B	Grab	40	ROBR	BF	10
8501	YD18938	533310	6842922	38N	2525E		Soil-B	Grab	90	GY	BF	0
8502	YD18938	533295	6842905	38N	2500E		Soil-B	Grab	70	GY	BF	0
8503	YD18938	533280	6842884	38N	2475E		Soil-B	Grab	70	GY	BF	0
8504	YD18938	533265	6842865	38N	2450E		Soil-B	Grab	60	GY	BF	0
8505	YD18938	533249	6842845	38N	2425E		Soil-B	Grab	60	GY	BF	0
8506	YD18938	533233	6842826	38N	2400E		Soil-B	Grab	70	GY	BF	10
8507	YD18938	533218	6842805	38N	2375E		Soil-B	Grab	80	GY	BF	10
8508	YD18938	533203	6842785	38N	2350E		Soil-B	Grab	90	GY	BF	10
8509	YD18938	533187	6842765	38N	2325E		Soil-B	Grab	90	GY	BF	30
8510	YD18938	533172	6842745	38N	2300E		Soil-B	Grab	90	GY	BF	0
8511	YD18938	533156	6842725	38N	2275E		Soil-B	Grab	90	GY	BF	0
8512	YD18938	533143	6842709	38N	2250E		Soil-B	Grab	90	GY	BF	0
8513	YD18939	533126	6842687	38N	2225E		Soil-B	Grab	90	GY	BF	10
8514	YD18939	533111	6842667	38N	2200E		Soil-B	Grab	90	GY	BF	0
8515	YD18939	533095	6842647	38N	2175E		Soil-B	Grab	90	GY	BF	0
8516	YD18939	533079	6842628	38N	2150E		Soil-B	Grab	90	T	BF	0
8517	YD18939	533064	6842608	38N	2125E		Soil-B	Grab	50	T	BF	0
8518	YD18939	533049	6842588	38N	2100E		Soil-B	Grab	90	T	BF	0
8519	YD18939	533034	6842568	38N	2075E		Soil-B	Grab	90	T	BF	0
8520	YD18939	533018	6842548	38N	2050E		Soil-B	Grab	90	T	BF	0
8521	YD18939	533005	6842529	38N	2025E		Soil-B	Grab	90	GY	BF	0
8522	YD18939	532987	6842508	38N	2000E		Soil-B	Grab	90	T	BF	0
8523	YD18939	532972	6842489	38N	1975E		Soil-B	Grab	60	T	BF	0
8524	YD18939	532995	6842470	38N	1950E		Soil-B	Grab	30	N	BF	50
8525	YD07122	533963	6843270	35N	3200E		Soil-B	Grab	40	T	BF	10
8526	YD07122	533947	6843250	35N	3175E		Soil-B	Grab	40	ROBR	BF	20

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
8527	YD07121	533932	6843231	35N	3150E		Soil-B	Grab	40	OBR	BF	20
8528	YD07121	533916	6843211	35N	3125E		Soil-B	Grab	50	BR	BF	20
8529	YD07121	533901	6843191	35N	3100E		Soil-B	Grab	40	GYBR	BF	10
8530	YD07121	533886	6843171	35N	3075E		Soil-B	Grab	60	GY	BF	10
8531	YD07121	533870	6843152	35N	3050E		Soil-B	Grab	60	T	BF	10
8532	YD07121	533855	6843132	35N	3025E		Soil-B	Grab	60	GY	BF	20
8533	YD07121	533859	6843112	35N	3000E		Soil-B	Grab	30	ROBR	BF	20
8534	YD07121	533824	6843099	35N	2975E		Soil-B	Grab	60	GY	BF	20
8535	YD07121	533809	6843073	35N	2950E		Soil-B	Grab	70	GY	BF	10
8536	YD07121	533793	6843059	35N	2925E		Soil-B	Grab	70	GY	BF	10
8537	YD07121	533778	6843034	35N	2900E		Soil-B	Grab	70	N	BF	20
8538	YD07121	533762	6843014	35N	2875E		Soil-C	Grab	70	GY	BF	10
8539	YD07121	533747	6842994	35N	2850E		Soil-B	Grab	40	N	BF	30
8540	YD07121	533732	6842974	35N	2825E		Soil-B	Grab	40	GY	BF	10
8541	YD07121	533716	6842955	35N	2800E		Soil-B	Grab	40	OBR	BF	10
8542	YD07121	533701	6842935	35N	2775E		Soil-B	Grab	40	BR	BF	10
8543	YD07121	533685	6842915	35N	2750E		Soil-B	Grab	70	GY	BF	10
8544	YD10913	533670	6842846	35N	2725E		Soil-B	Grab	70	GY	BF	10
8545	YD10913	533655	6842876	35N	2700E		Soil-B	Grab	70	BR	BF	10
8546	YD10913	533639	6842856	35N	2675E		Soil-B	Grab	70	T	BF	10
8547	YD10913	533624	6842837	35N	2650E		Soil-B	Grab	70	N	BF	40
8548	YD10913	533608	6842817	35N	2625E		Soil-B	Grab	90	N	BF	20
8549		533593	6842797	35N	2600E		Soil-B	Grab	70	GY	BF	10
8550	YD10913	533578	6842777	35N	2575E		Soil-B	Grab	70	GY	BF	10
8551	YD10913	533563	6842758	35N	2550E		Soil-B	Grab	90	T	BF	10
8552	YD10913	533547	6842738	35N	2525E		Soil-B	Grab	90	OBR	BF	10
8553	YD10913	533531	6842718	35N	2500E		Soil-B	Grab	80	GY	BF	10
8554	YD10913	533516	6842699	35N	2475E		Soil-B	Grab	80	GY	BF	10
8555	YD10913	533501	6842679	35N	2450E		Soil-B	Grab	80	OBR	BF	10
8556	YD10913	533486	6842659	35N	2425E		Soil-B	Grab	40	BR	BF	20
8557	YD10913	533470	6842640	35N	2400E		Soil-B	Grab	50	OBR	BF	10
8558	YD10913	533454	6842620	35N	2375E		Soil-B	Grab	40	OBR	BF	20
8559	YD10913	533439	6842600	35N	2350E		Soil-B	Grab	30	OBR	BF	20
8560	YD10913	533432	6842580	35N	2325E		Soil-B	Grab	70	T	BF	10
8561	YD10913	533409	6842561	35N	2300E		Soil-B	Grab	80	T	BF	10
8562	YD10913	533393	6842541	35N	2275E		Soil-B	Grab	90	T	BF	10
8563	YD10912	533378	6842521	35N	2250E		Soil-B	Grab	90	T	BF	10
8564	YD10912	533362	6842502	35N	2225E		Soil-B	Grab	80	T	BF	20
8565	YD10912	533346	6842482	35N	2200E		Soil-B	Grab	90	N	BF	40
8566	YD10912	533331	6842462	35N	2175E		Soil-B	Grab	80	OBR	BF	20
8567	YD10912	533316	6842443	35N	2150E		Soil-B	Grab	70	T	BF	10
8568	YD10912	533301	6842423	35N	2125E		Soil-B	Grab	70	T	BF	20
8569	YD10912	533285	6842403	35N	2100E		Soil-B	Grab	90	GY	BF	10
8570	YD10912	533270	6842383	35N	2075E		Soil-B	Grab	70	T	BF	10
8571	YD10912	533254	6842364	35N	2050E		Soil-B	Grab	70	GY	BF	10
8572	YD10912	533239	6842344	35N	2025E		Soil-B	Grab	70	GY	BF	10
8573	YD10912	533224	6842324	35N	2000E		Soil-B	Grab	70	T	BF	10
8574	YD10912	533208	6842305	35N	1975E		Soil-B	Grab	70	T	BF	10
8575	YD10912	533193	6842285	35N	1950E		Soil-B	Grab	70	N	BF	30
8576	YD18939	532941	6842450	38N	1925E		Soil-B	Grab	50	GY	BF	10
8577	YD18939	532926	6842430	38N	1900E		Soil-B	Grab	70	GY	BF	20
8578	YD18939	532910	6842411	38N	1875E		Soil-B	Grab	90	GY	BF	20
8579	YD18939	532895	6842391	38N	1850E		Soil-B	Grab	70	T	BF	20
8580	YD18939	532880	6842371	38N	1825E		Soil-B	Grab	80	BR	BF	30
8581	YD18939	532864	6842352	38N	1800E		Soil-B	Grab	60	BR	BF	20
8582	YD29184	532849	6842332	38N	1775E		Soil-B	Grab	50	GY	BF	20
8583	YD29184	532833	6842312	38N	1750E		Soil-B	Grab	50	GY	BF	30
8584	YD29184	532912	6842251	37N	1750E		Soil-B	Grab	70	GY	BF	10
8585	YD29184	532755	6842374	39N	1750E		Soil-B	Grab	70	T	BF	10
8586	YD29184	532770	6842393	39N	1775E		Soil-B	Grab	50	BR	BF	20
8587	YD18939	532785	6842413	39N	1800E		Soil-B	Grab	40	GY	BF	20
8588	YD18939	532801	6842433	39N	1825E		Soil-B	Grab	40	GY	BF	10
8589	YD18939	532816	6842453	39N	1850E		Soil-B	Grab	60	GY	BF	10

Sample Number	Minex License	Easting	Northing	Grid N	Grid E	Sampler	Source	Sample Technique	Depth (cm)	Colour	Vegetation	% Organics
8590	YD18939	532832	6842472	39N	1875E		Soil-B	Grab	60	GY	BF	30
8591	YD18939	532847	6842492	39N	1900E		Soil-B	Grab	90	T	BF	10
8592	YD18939	532862	6842512	39N	1925E		Soil-B	Grab	70	T	BF	20
8593	YD18939	532878	6842531	39N	1950E		Soil-B	Grab	70	GY	BF	10
8594	YD18939	532893	6842551	39N	1975E		Soil-B	Grab	80	GY	BF	10
8595	YD18939	532909	6842571	39N	2000E		Soil-B	Grab	70	GY	BF	10
8596	YD18939	532924	6842590	39N	2025E		Soil-B	Grab	90	GY	BF	20
8597	YD29184	532676	6842435	40N	1750E		Soil-B	Grab	60	OBR	BF	20
8598	YD29184	532641	6842455	40N	1775E		Soil-B	Grab	50	T	BF	10
8599	YD18939	532707	6842475	40N	1800E		Soil-B	Grab	50	BR	BF	10
8600	YD18939	532722	6842494	40N	1825E		Soil-B	Grab	80	OBR	BF	10
8601	YC72726	534299	6843864	36N	3875E		Soil-B	Grab	60	BR	BF	10
8602	YC72726	534315	6843883	36N	3900E		Soil-B	Grab	60	GY	BF	10
8603	YC72726	534330	6843903	36N	3925E		Soil-B	Grab	60	GY	BF	10
8604	YC72726	534345	6843923	36N	3950E		Soil-B	Grab	40	GY	BF	40
8612	YD07122	533899	6843551	36N	3225E		Soil-B	Grab	40	BR	BF	10
8613	YD07122	533915	6843371	36N	3250E		Soil-B	Grab	60	T	BF	10
8614	YD07122	533930	6843391	36N	3275E		Soil-B	Grab	50	T	BF	10
8615	YD07122	533945	6843410	36N	3300E		Soil-B	Grab	50	T	BF	10
8616	YD07122	533960	6843430	36N	3325E		Soil-B	Grab	50	BR	BF	10
8617	YD07122	533976	6843450	36N	3350E		Soil-B	Grab	70	BR	BF	10
8618	YD07122	533991	6843470	36N	3375E		Soil-B	Grab	70	BR	BF	10
8619	YD07122	534007	6843489	36N	3400E		Soil-B	Grab	60	T	BF	10
8620	YD07122	534022	6843509	36N	3425E		Soil-B	Grab	40	T	BF	10
8621	YD07122	534037	6843529	36N	3450E		Soil-B	Grab	50	BR	BF	10
8622	YD07122	534053	6843548	36N	3475E		Soil-B	Grab	30	BR	BF	10
8623	YD07122	534068	6843568	36N	3500E		Soil-B	Grab	30	BR	BF	10
8624	YD07122	534084	6843588	36N	3525E		Soil-B	Grab	50	T	BF	10
8625	YD07122	534099	6843608	36N	3550E		Soil-B	Grab	40	GY	BF	10
8626	YD07122	534114	6843627	36N	3575E		Soil-B	Grab	50	T	BF	10
8627	YD07122	534130	6843647	36N	3600E		Soil-B	Grab	60	BR	BF	10
8628	YC72726	534145	6843667	36N	3625E		Soil-B	Grab	50	T	BF	10
8629	YC72726	534161	6843686	36N	3650E		Soil-B	Grab	50	GY	BF	10
8630	YC72726	534176	6843706	36N	3675E		Soil-B	Grab	50	BR	BF	20
8631	YC72726	534191	6843726	36N	3700E		Soil-B	Grab	50	BR	BF	10
8632	YC72726	534207	6843745	36N	3725E		Soil-B	Grab	50	T	BF	10
8633	YC72726	534222	6843765	36N	3750E		Soil-B	Grab	60	T	BF	20
8634	YC72726	534238	6843785	36N	3775E		Soil-B	Grab	40	BR	BF	20
8635	YC72726	534253	6843805	36N	3800E		Soil-B	Grab	60	T	BF	10
8636	YC72726	534268	6843824	36N	3825E		Soil-B	Grab	60	BR	BF	20
8637	YC72726	534284	6843844	36N	3850E		Soil-B	Grab	30	T	BF	20

Appendix D
2011 Drill Cross-sections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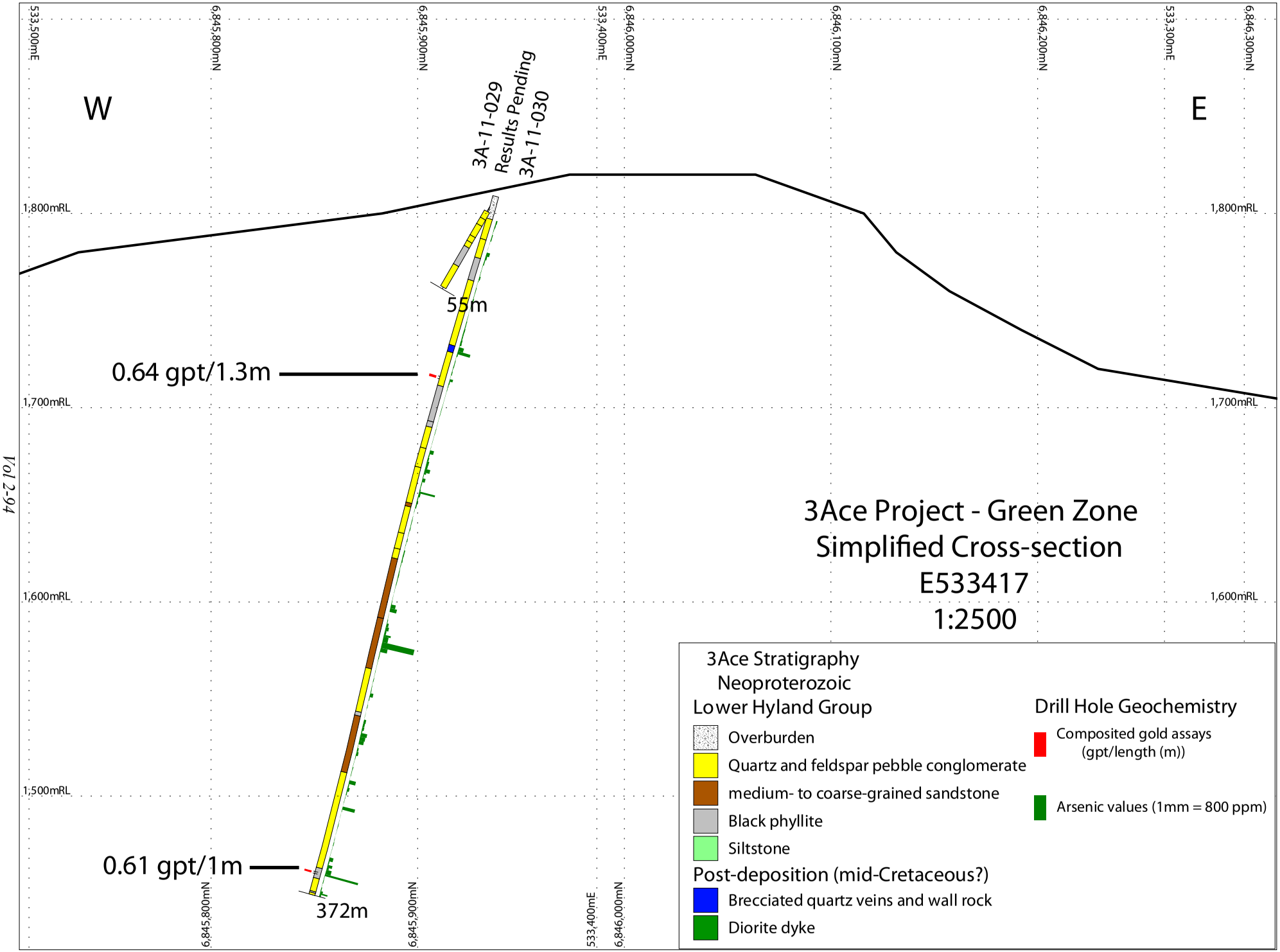
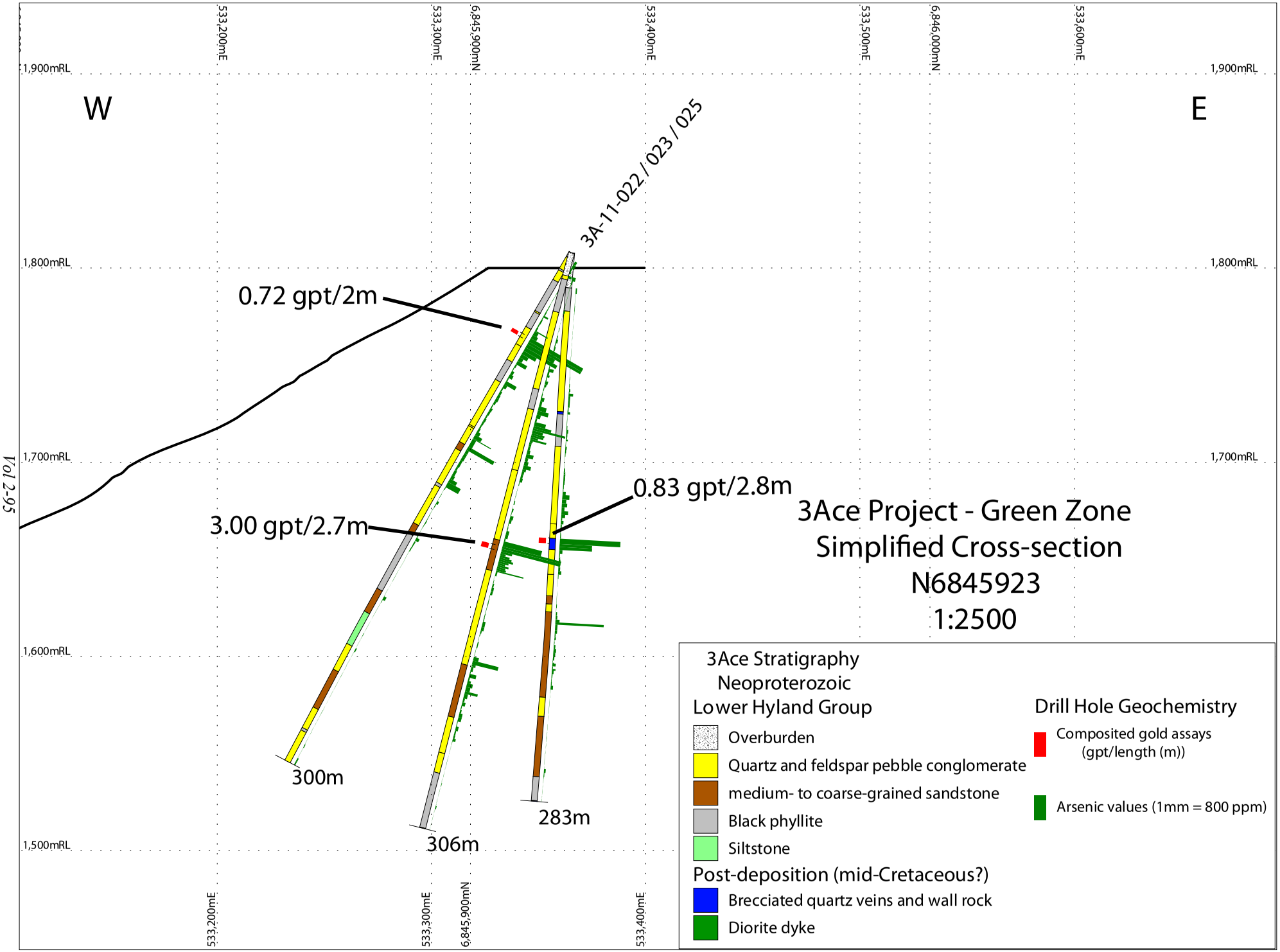
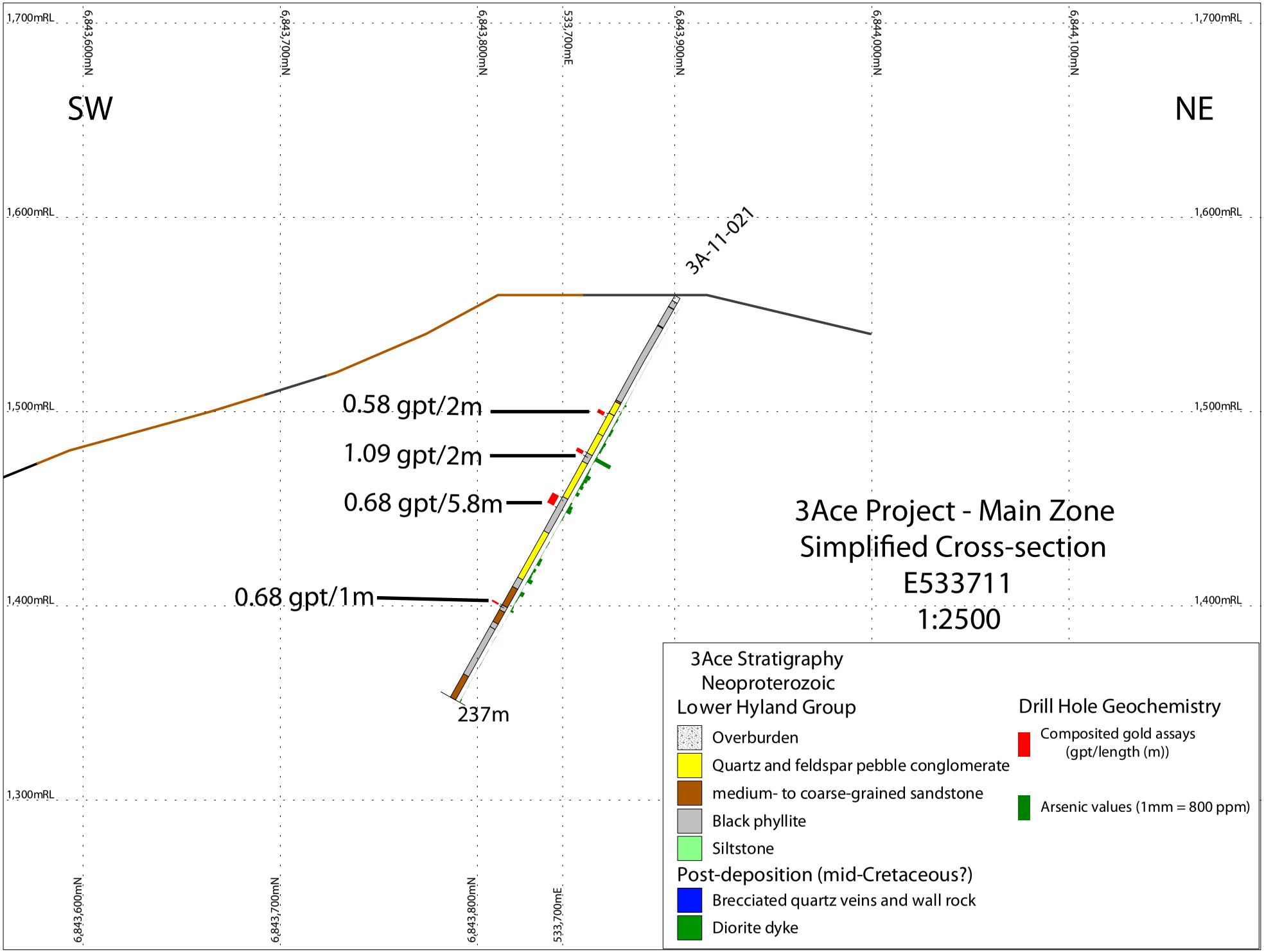
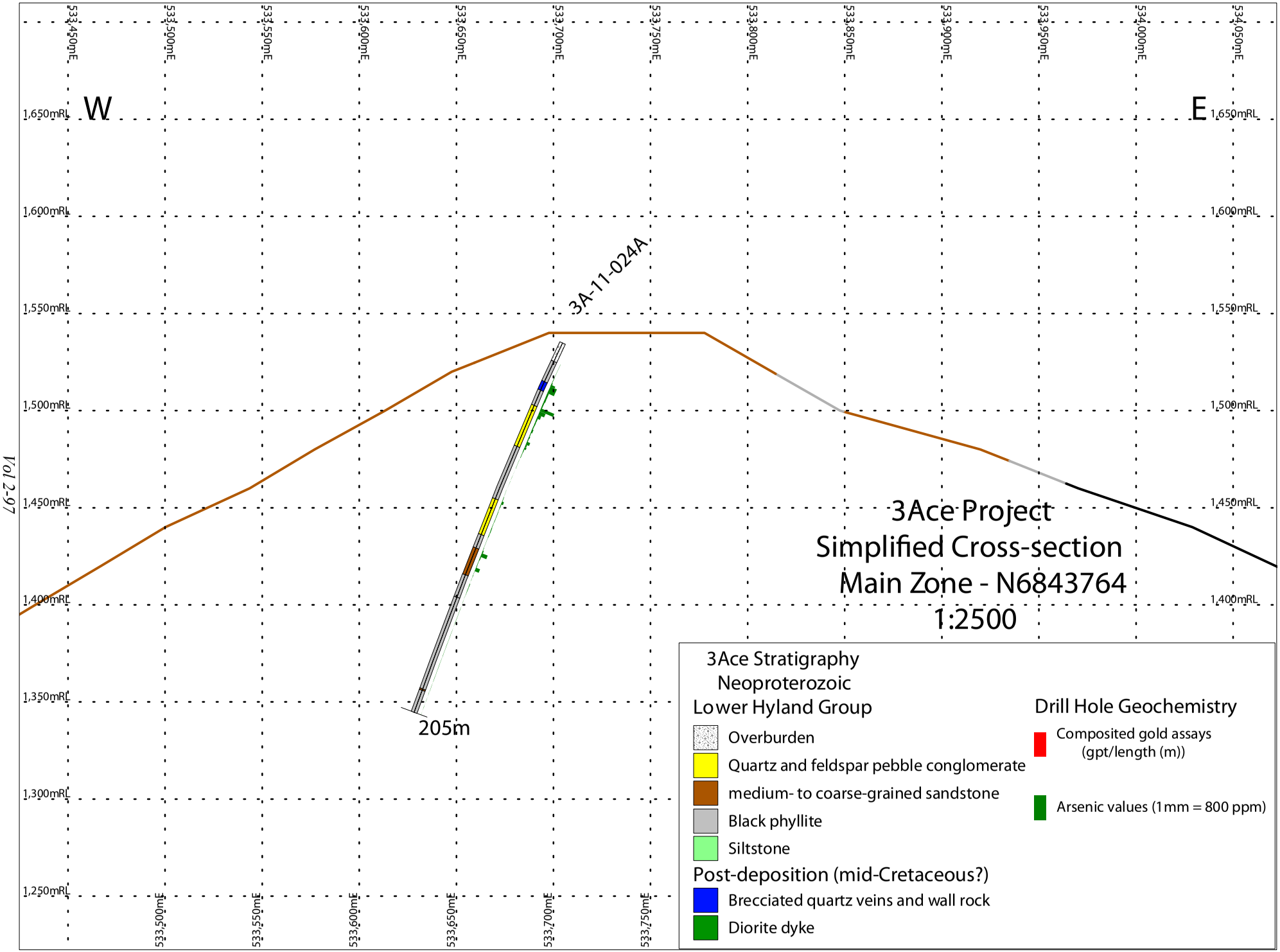
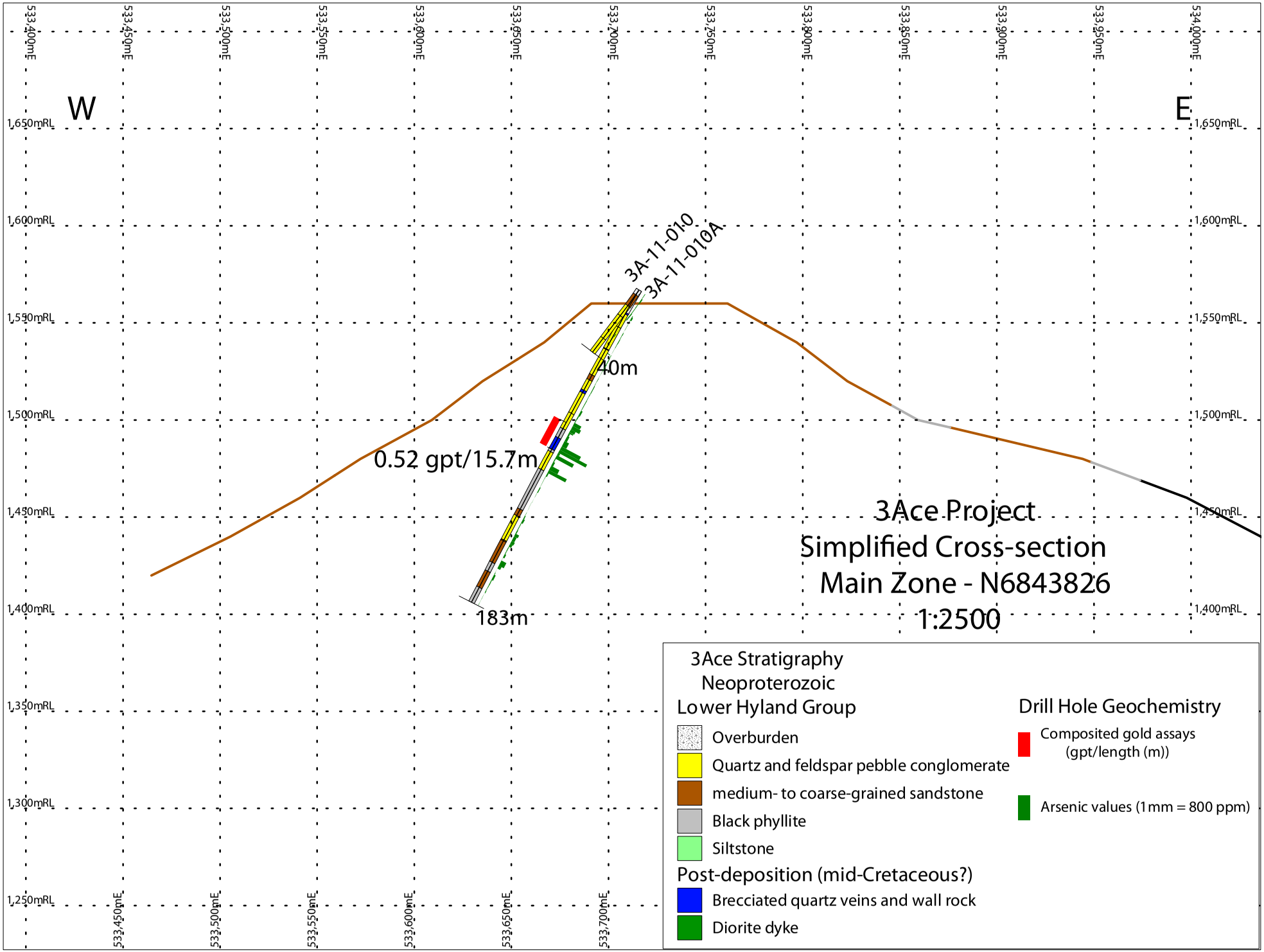
E
6,845,700mN
6,845,800mN
533,400mE
6,845,900mN
6,846,000mN
6,846,100mN
533,300mE
6,846,200mN
1,800mRL
1,700mRL
1,600mRL
1,500mRL
1,400mRL
3A-11-026
3A-11-027
0.81 gpt/1.5m
306m
0.62 gpt/5.1m
354m
3Ace Project - Green Zone
Simplified Cross-section
E533395
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

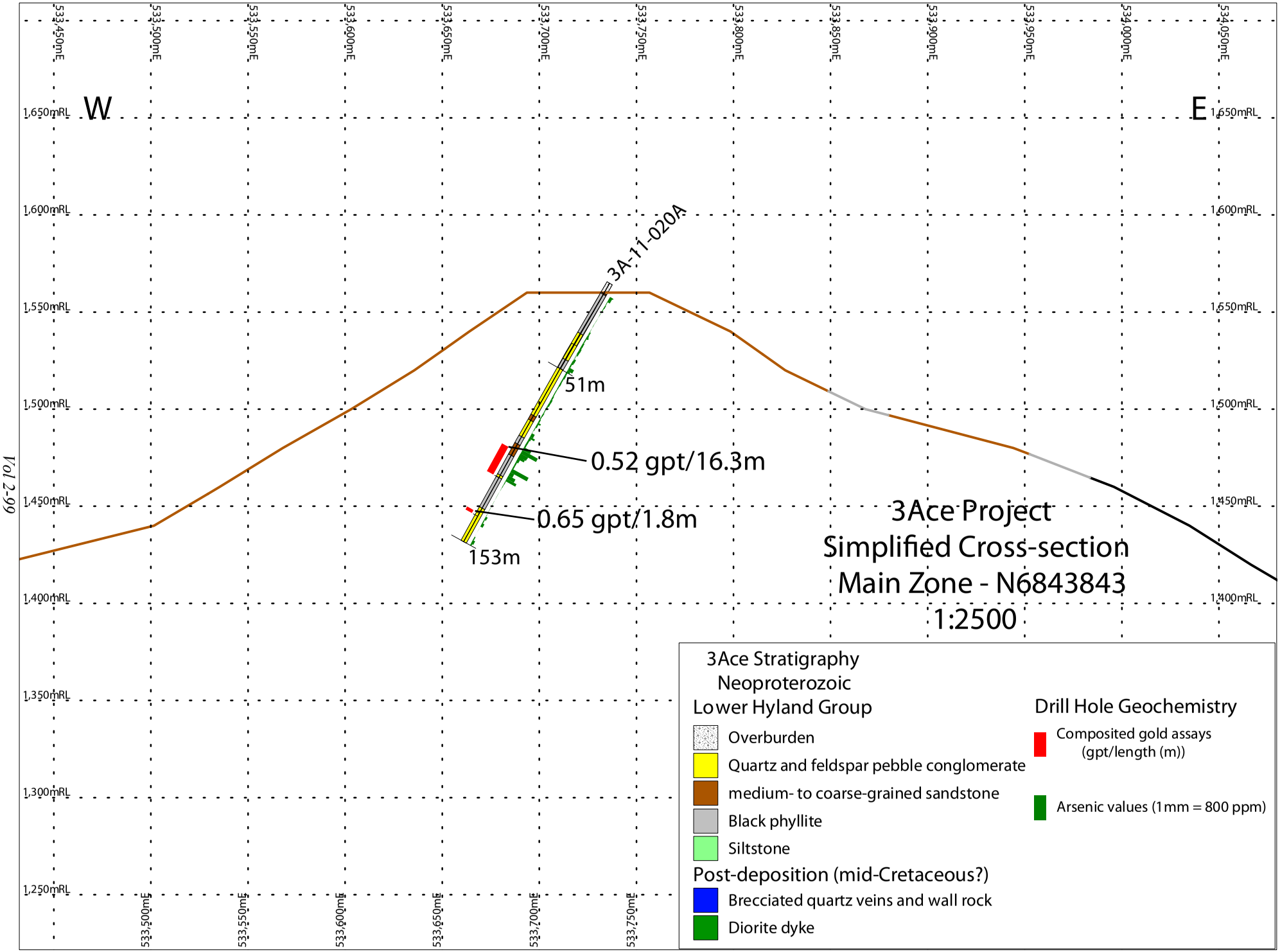

W
E
3A-11-029
Results Pending
3A-11-030
55m
0.64 gpt/1.3m
0.61 gpt/1m
372m
1,800mRL
1,700mRL
1,600mRL
1,500mRL
533,500mE
533,400mE
533,300mE
6,845,800mN
6,845,900mN
6,846,000mN
6,846,100mN
6,846,200mN
6,846,300mN
3Ace Project - Green Zone
Simplified Cross-section
E533417
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

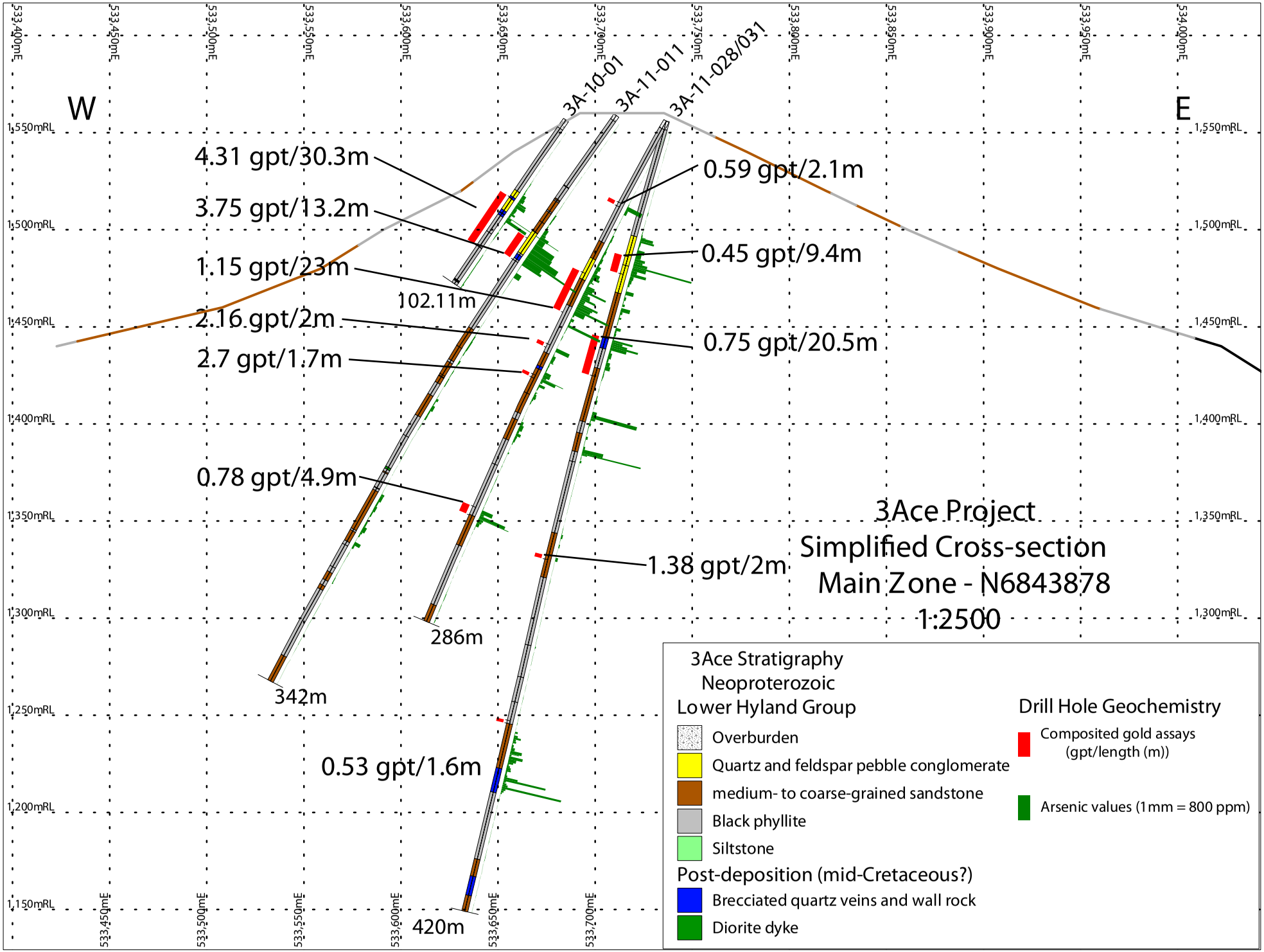

533,200mE
533,300mE
6,845,900mN
533,400mE
533,500mE
6,846,000mN
533,600mE
1,900mRL
1,800mRL
1,700mRL
1,600mRL
1,500mRL
W
E
3A-11-022 / 023 / 025
0.72 gpt/2m
0.83 gpt/2.8m
3.00 gpt/2.7m
300m
306m
283m
3Ace Project - Green Zone
Simplified Cross-section
N6845923
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

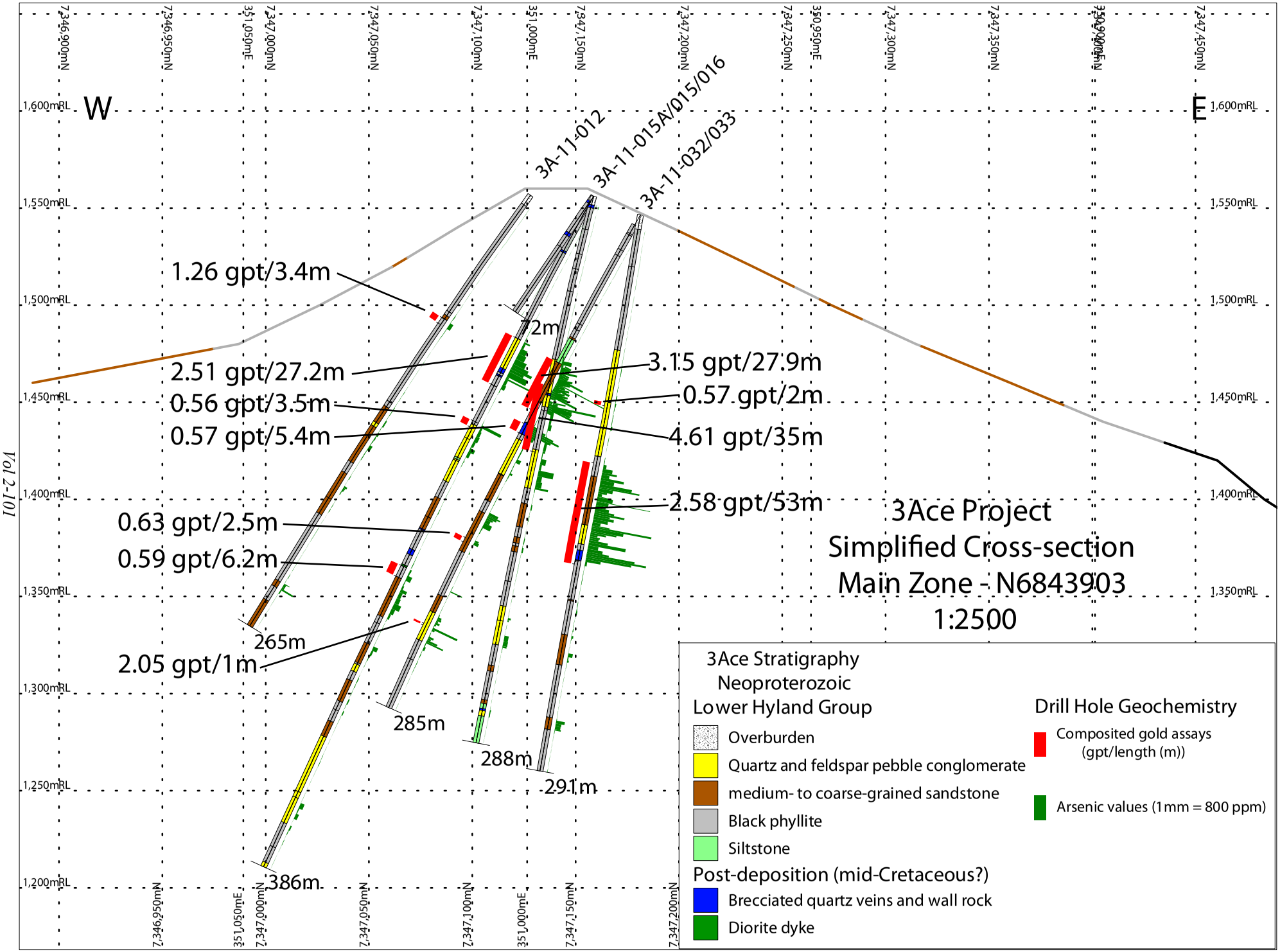

SW
NE
1,700mRL
1,600mRL
1,500mRL
1,400mRL
1,300mRL
6,843,600mN
6,843,700mN
6,843,800mN
6,843,900mN
6,844,000mN
6,844,100mN
533,700mE
3A-11-021
0.58 gpt/2m
1.09 gpt/2m
0.68 gpt/5.8m
0.68 gpt/1m
237m
3Ace Project - Main Zone
Simplified Cross-section
E533711
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

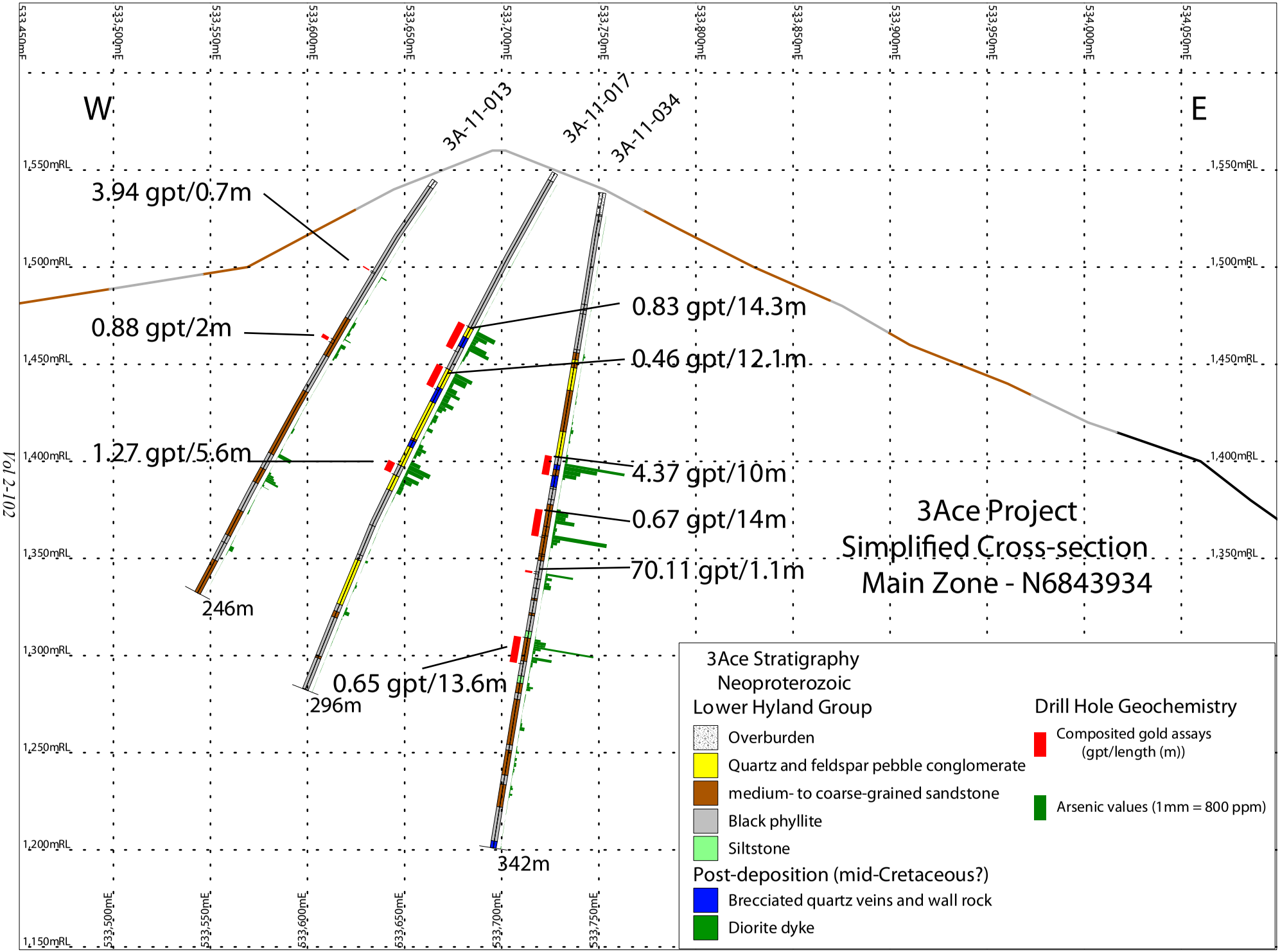

W
E
3A-11-024A
205m
3Ace Project
Simplified Cross-section
Main Zone - N6843764
1:2500
533,450mE
533,500mE
533,550mE
533,600mE
533,650mE
533,700mE
533,750mE
533,800mE
533,850mE
533,900mE
533,950mE
534,000mE
534,050mE
1,650mRL
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

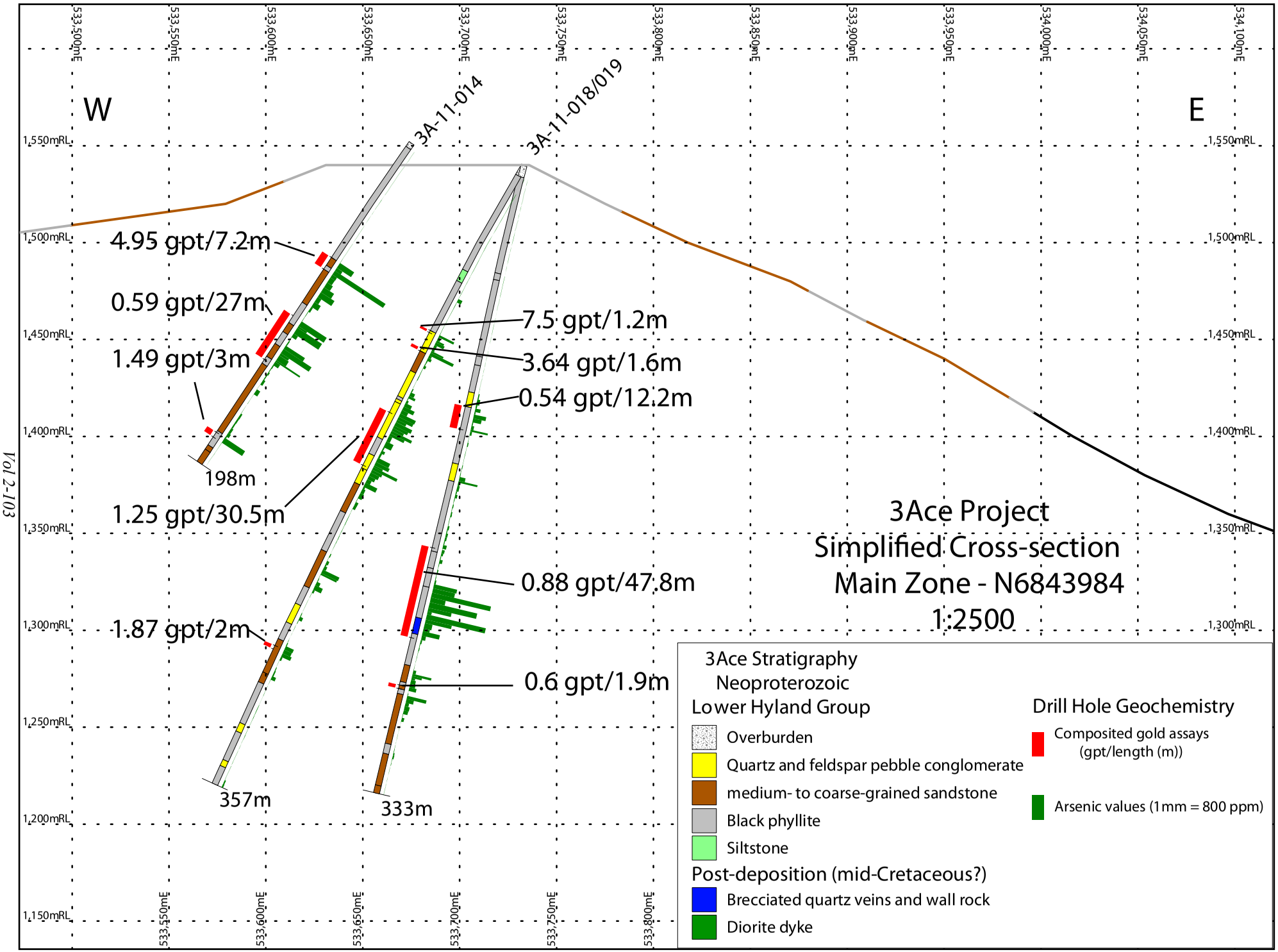

W
E
533,400mE
533,450mE
533,500mE
533,550mE
533,600mE
533,650mE
533,700mE
533,750mE
533,800mE
533,850mE
533,900mE
533,950mE
534,000mE
1,650mRL
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
3A-11-010
3A-11-010A
40m
0.52 gpt/15.7m
183m
3Ace Project
Simplified Cross-section
Main Zone - N6843826
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

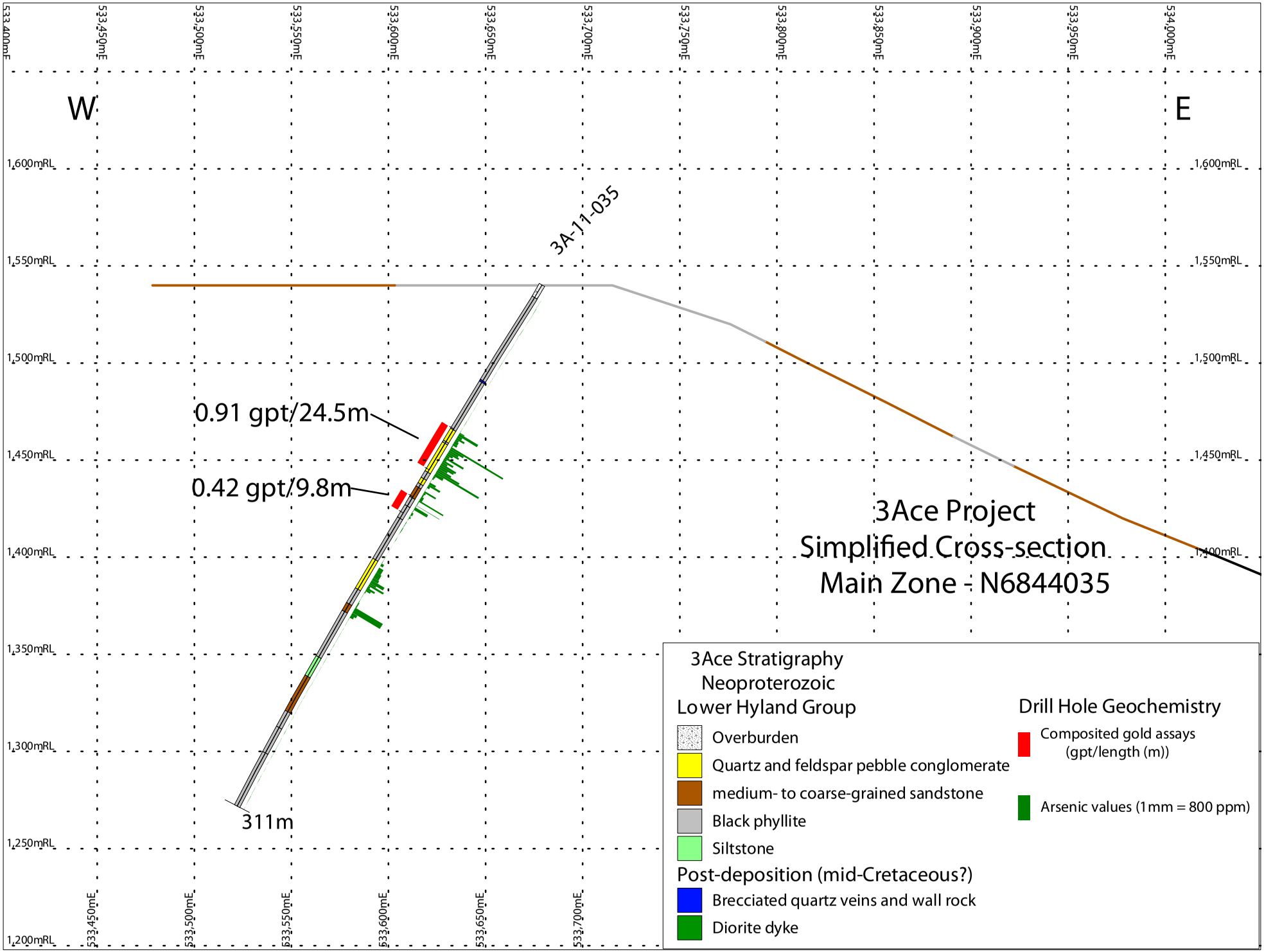

W
E
533,450mE
533,500mE
533,550mE
533,600mE
533,650mE
533,700mE
533,750mE
533,800mE
533,850mE
533,900mE
533,950mE
534,000mE
534,050mE
1,650mRL
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
3A-11-020A
51m
0.52 gpt/16.3m
0.65 gpt/1.8m
153m
3Ace Project
Simplified Cross-section
Main Zone - N6843843
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

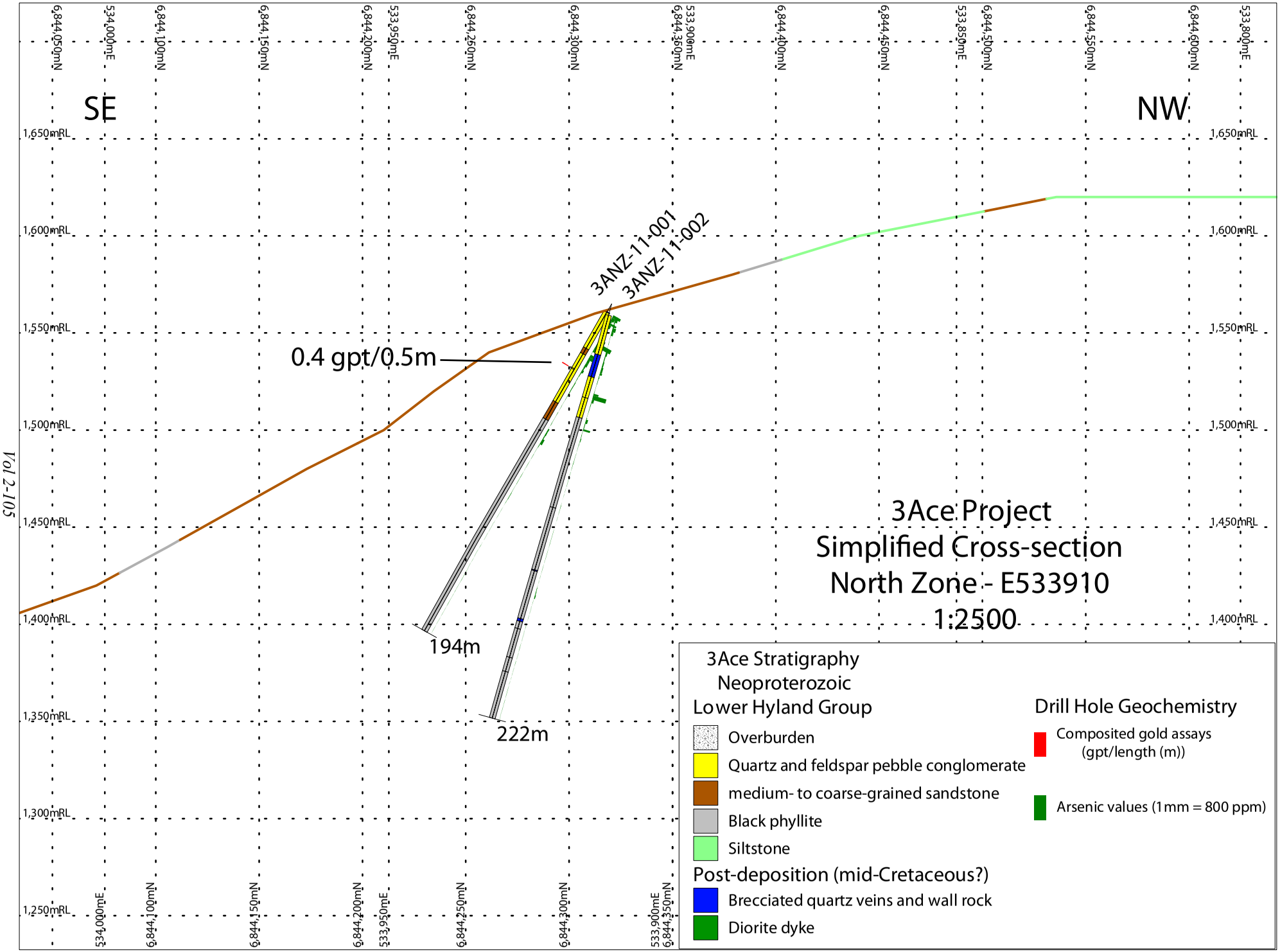

W
E
3A-10-01
3A-11-011
3A-11-028/031
4.31 gpt/30.3m
3.75 gpt/13.2m
1.15 gpt/23m
2.16 gpt/2m
2.7 gpt/1.7m
0.78 gpt/4.9m
0.53 gpt/1.6m
0.59 gpt/2.1m
0.45 gpt/9.4m
0.75 gpt/20.5m
1.38 gpt/2m
102.11m
286m
342m
420m
3Ace Project
Simplified Cross-section
Main Zone - N6843878
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)

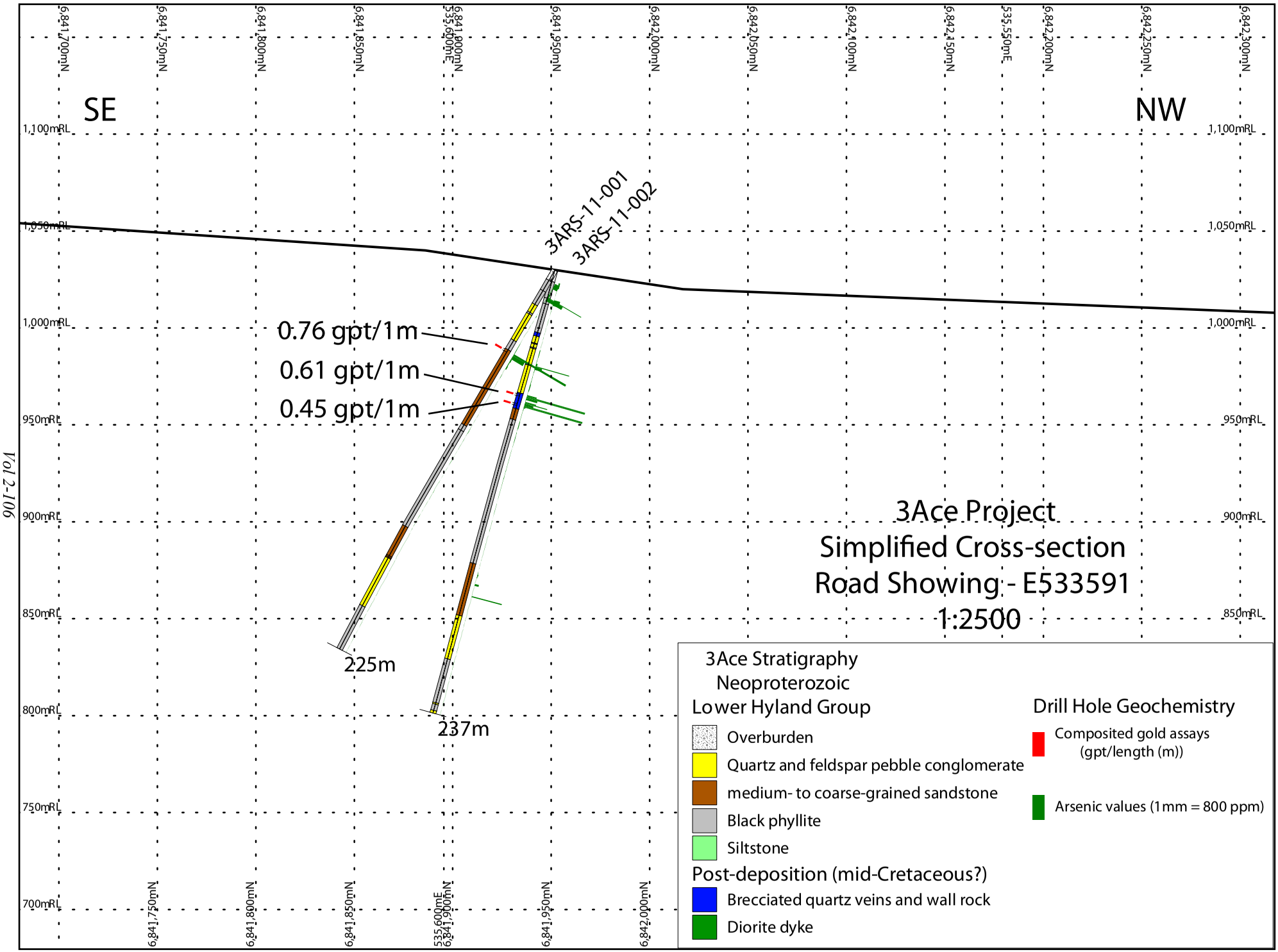

W
E
3A-11-012
3A-11-015A/015/016
3A-11-032/033
1.26 gpt/3.4m
2m
2.51 gpt/27.2m
0.56 gpt/3.5m
0.57 gpt/5.4m
3.15 gpt/27.9m
0.57 gpt/2m
4.61 gpt/35m
2.58 gpt/53m
0.63 gpt/2.5m
0.59 gpt/6.2m
2.05 gpt/1m
265m
285m
288m
291m
386m
3Ace Project
Simplified Cross-section
Main Zone - N6843903
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)


W
E
3A-11-013
3A-11-017
3A-11-034
3.94 gpt/0.7m
0.88 gpt/2m
1.27 gpt/5.6m
0.83 gpt/14.3m
0.46 gpt/12.1m
4.37 gpt/10m
0.67 gpt/14m
70.11 gpt/1.1m
0.65 gpt/13.6m
246m
296m
342m
3Ace Project
Simplified Cross-section
Main Zone - N6843934
533,450mE
533,500mE
533,550mE
533,600mE
533,650mE
533,700mE
533,750mE
533,800mE
533,850mE
533,900mE
533,950mE
534,000mE
534,050mE
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
1,200mRL
1,150mRL
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)


W
E
3A-11-014
3A-11-018/019
4.95 gpt/7.2m
0.59 gpt/27m
1.49 gpt/3m
198m
1.25 gpt/30.5m
1.87 gpt/2m
357m
7.5 gpt/1.2m
3.64 gpt/1.6m
0.54 gpt/12.2m
0.88 gpt/47.8m
0.6 gpt/1.9m
333m
3Ace Project
Simplified Cross-section
Main Zone - N6843984
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)


W
E
3A-11-035
0.91 gpt/24.5m
0.42 gpt/9.8m
311m
3Ace Project
Simplified Cross-section
Main Zone - N6844035
533,400mE
533,450mE
533,500mE
533,550mE
533,600mE
533,650mE
533,700mE
533,750mE
533,800mE
533,850mE
533,900mE
533,950mE
534,000mE
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
1,200mRL
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)


SE
NW
6,844,050mN
534,000mE
6,844,100mN
6,844,150mN
6,844,200mN
533,950mE
6,844,250mN
6,844,300mN
533,900mE
6,844,350mN
6,844,400mN
6,844,450mN
533,850mE
6,844,500mN
6,844,550mN
6,844,600mN
533,800mE
1,650mRL
1,600mRL
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
1,300mRL
1,250mRL
3ANZ-11-001
3ANZ-11-002
0.4 gpt/0.5m
194m
222m
3Ace Project
Simplified Cross-section
North Zone - E533910
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays
(gpt/length (m))
Arsenic values (1mm = 800 ppm)


SE
NW
3ARS-11-001
3ARS-11-002
0.76 gpt/1m
0.61 gpt/1m
0.45 gpt/1m
225m
237m
3Ace Project
Simplified Cross-section
Road Showing - E533591
1:2500
3Ace Stratigraphy
Neoproterozoic
Lower Hyland Group
Overburden
Quartz and feldspar pebble conglomerate
medium- to coarse-grained sandstone
Black phyllite
Siltstone
Post-deposition (mid-Cretaceous?)
Brecciated quartz veins and wall rock
Diorite dyke
Drill Hole Geochemistry
Composited gold assays (gpt/length (m))
Arsenic values (1mm = 800 ppm)
1,100mRL
1,050mRL
1,000mRL
950mRL
900mRL
850mRL
800mRL
750mRL
700mRL
6,841,700mN
6,841,750mN
6,841,800mN
6,841,850mN
535,600mE
6,841,900mN
6,841,950mN
6,842,000mN
6,842,050mN
6,842,100mN
6,842,150mN
535,550mE
6,842,200mN
6,842,250mN
6,842,300mN

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 3: Appendix E: 2011 Green Zone, North Zone, and Road Showing Diamond Drill Logs

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix E

2011 Drill logs

Green Zone
North Zone
Road Showing

Green Zone

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Location

Easting:	Northing:	Latitude:	Longitude:
533366.9	6845918.9		

Elevation: 1808 m **Grid Name:** GZS

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 245
EOH: 300.0 m
Core Size: HQ

Start Date: 25/08/2011
Finish Date: 31/08/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	59.9	246.64	5847	Reflex	1
45	60	246.24	5816	Reflex	1
96	60	247.14	5816	Reflex	1
147	60.5	247.34	5814	Reflex	1
198	61.1	246.14	5816	Reflex	1
249	62	244.14	5819	Reflex	1
300	62.1	241.84	5819	Reflex	1

Objective:

The initial test of the Green Zone is targeting the upper band of scoridite alteration and arsenopyrite in rubble crop. The hole will test stratigraphy an for the 'Green Zone' fault.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3		CASING		100.0%				co	1
3	10	QPC w cgr 0.5-1cm pebbles of wh qz+buff, clay altn recessive fspar. Moderate limstn alt fracs x-cutting and fspar grains. Mod fecb altn (red-brown) along fracs. Cgr ss with 10% white fspar (clay altered) + 15% white quartz, rest fg gry material. Silicified (S2) 0.2-1cm QV wh-or fracture lim all fracs+folded w/ rusty vugs. 15cm wide phyl bed (gauge) just after 9m	MT-Phy	fol	0.5%	n			fr	2
3	10	QPC w cgr 0.5-1cm pebbles of wh qz+buff, clay altn recessive fspar. Moderate limstn alt fracs x-cutting and fspar grains. Mod fecb altn (red-brown) along fracs. Cgr ss with 10% white fspar (clay altered) + 15% white quartz, rest fg gry material. Silicified (S2) 0.2-1cm QV wh-or fracture lim all fracs+folded w/ rusty vugs. 15cm wide phyl bed (gauge) just after 9m	QZVN	frac	1.0%	w-o			co	2
3	10	QPC w cgr 0.5-1cm pebbles of wh qz+buff, clay altn recessive fspar. Moderate limstn alt fracs x-cutting and fspar grains. Mod fecb altn (red-brown) along fracs. Cgr ss with 10% white fspar (clay altered) + 15% white quartz, rest fg gry material. Silicified (S2) 0.2-1cm QV wh-or fracture lim all fracs+folded w/ rusty vugs. 15cm wide phyl bed (gauge) just after 9m	MT-SS	cgr	30.0%	gy		10	co	2
3	10	QPC w cgr 0.5-1cm pebbles of wh qz+buff, clay altn recessive fspar. Moderate limstn alt fracs x-cutting and fspar grains. Mod fecb altn (red-brown) along fracs. Cgr ss with 10% white fspar (clay altered) + 15% white quartz, rest fg gry material. Silicified (S2) 0.2-1cm QV wh-or fracture lim all fracs+folded w/ rusty vugs. 15cm wide phyl bed (gauge) just after 9m	MT-CO	pbl	68.5%	gy		30	br	2
10	10.9	blk phyl interval mostly gouged/broken interbeded w/ 1mm-2cm slstone beds in competed pieces. Abundant x-cutting red-brn fecb fracs and along thin 1mm qz stringers. Sharp upper contact w/ qpc, gouged lower contact. No visible sulfides.	MT-SLT		1.0%	gy			lc	3
10	10.9	blk phyl interval mostly gouged/broken interbeded w/ 1mm-2cm slstone beds in competed pieces. Abundant x-cutting red-brn fecb fracs and along thin 1mm qz stringers. Sharp upper contact w/ qpc, gouged lower contact. No visible sulfides.	MT-Phy	fol	99.0%	n			fr	3
10.9	16.65	QPC w/ cgr pebbles (o.3-1cm size) dominantly white qz with cly altn recessive fsap, or where lim alt, and trace blk phyl pebbles. Top of interval is intensely fractured (bx) followed by gouge to 15m then more competent core. Several types of QV including 5cm longx0.5cm wide TVA and 1cm sheet VNS and thicker 4-8cm wide fault filled vns. Boken lower contact with phyl	QZVN		5.0%	w			br	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-022	Grant No.:	YC72448
Plunge:	60	Azimuth:	245	EOH:	300		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
10.9	16.65	QPC w/ cgr pebbles (o.3-1cm size) dominantly white qz with cly altn recessive fsap, or where lim alt, and trace blk phyl pebbles. Top of interval is intensely fractured (bx) followed by gouge to 15m then more competent core. Several types of QV including 5cm longx0.5cm wide TVA and 1cm sheet VNS and thicker 4-8cm wide fault filled vns. Boken lower contact with phyl	MT-CO	pbl	95.0%	gy	qtz	34.9	co	3
16.65	35.1	Core too broken/gouged to get a sense of vn type, but likley flt fill.	QZVN	frac	1.0%	w			br	2
16.65	35.1	1mm wide interbeds w/in phyl. Selective perv alt of slst beds. S0 crenulated b S1.	MT-SS	fgr	20.0%	gy			lc	3
16.65	35.1	Blk phyl w/ mod to str fecb alt. Intense fecb alt along S0 and fol gives greenish colour. Locally fecb alt along fracs and fol. Half the interval is fr/w, half is cly gouged. Also fecb alt of select grns (fspar?). Pitted texture due to preferential weathering of fspar. Wk lim hem alt and mod lim alt along bedding/fol/frac.	MT-Phy	fol	79.0%	n			fr	3
35.1	35.8	Intensely gouged QPC? Pale gry w/ 0.3-1cm angular wh QV clasts. Textures obliterated (all cly gouge), but pale gry ser alt perv and strong. Tr blk phyl layer.	MT-CO	gouge	100.0%	gy	qtz	20	lc	4
35.8	44.6	V little QV, but those present are lim alt and vuggy and folded/irregular (0.5-0.7cm wide). Vugs rsty and weathered py (geothite?). QV have antiaxial Mn stned fracs and syntaxial lim alt fracs.	QZVN	vuggy	0.1%	w			br	2
35.8	44.6	Back into small interval of phy gouge followed by more competent section w/ abndt fecb alt fracs. Underlying this the fecb alt of S0 and fol and frac intensifies intor brokien zone. V little QV.	MT-Phy	fol	99.9%	n			fr	1
44.6	54.8	10cm phyllte gouge zone	MT-Phy	n	5.0%	n			fr	2
44.6	54.8	FZ within a 1.5m thick massive QZVN	QZVN		10.0%	w			br	2
44.6	54.8	Grey cgr SS with weathered fspar altering to lim, highly fractured filled with serecite	MT-SS	cgr	25.0%	gy			br	2
44.6	54.8	Highly fracture and altered by lim+fecb at contact, qzt pebbles are 0.5-1cm diameter. Clasts have been sheared and elongated. QPC is highly altered by ser replacing the matrix, fractures and wcy replacement of fspar grains	MT-CO	pbl	60.0%	gy	qtz	80	br	2
54.8	64.1	Thin layers of cgr grey-buff SS with the odd qtz pebble. At 60.45 cgr SS is 80% lim altered	MT-SS	cgr	5.0%	bf			br	2
54.8	64.1	Pbl grain QPC with clasts 2mm-1.5cm w/ blk lithic fragments. Fspar altered to lim. Lim+fecb along fractures. Lower contact grades from QPC to SS to phyl	MT-CO	pbl	95.0%	bf	qtz	80	br	2
64.1	76	Deformed QZVNS throughout phyl/SS	QZVN		5.0%	w			co	2
64.1	76	Varying colour SS layers from 1mm-6mm. There are truncated SS beds, majority of SS beds are replaced by hematite. SS beds are intensely folded especially near QZVNS	MT-SS	fgr	10.0%	y-b			co	2
64.1	76	Interbedded phyl and SS throughout entire interval. Black phyl, and SS range in colour bases on strength and type of alteration (yellow-brown-beige-red)	MT-Phy		85.0%	n			co	2
76	102.8	Pbl QPC clasts altered by wcy+lim. Hem+fecb altn dominant in fractures. Size of clasts vaies throughout unit becoming coarser downhole. Avg size 0.3mm at start of unit 1cm at end of unit	MT-CO	pbl	100.0%	bf	qtz	90	co	2
102.8	103.6	blk phyl contains clasts of qtz and altered fspar, strickly lim altn	MT-Phy		20.0%	n			co	2
102.8	103.6	Layered and truncated cbl QPC with blk phyl. Grains 5mm-2.2cm. Higher degree of fspar and lithic clasts. Clasts: 75 qtz, 20 fspar, 5 lithics	MT-CO	cbl	80.0%	bf	qtz	70	co	2
103.6	113	Pbl QPC, dominated by qtz clasts, high brittle faulting wcy and lim alteration	MT-CO	pbl	100.0%	bf	qtz	75	co	2
113	116.95	Blk phyl with stingers w lim alteration, clast of cgr SS in phyl @ 115.40m.	MT-Phy		40.0%	n			fr	2
113	116.95	HIghly deformed SS and phyl. Sharp deformed contact bw units. Fragments of phyl iwthin SS. SS has te odd clast of altered fspar @ 133.30m. SS grades into QPC downhole	MT-SS	cgr	60.0%	bf			fr	2
116.95	137	Buff SS with gradational interbedded QPC	MT-SS	cgr	20.0%	bf			fr	2

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Plunge:	Azimuth:	EOH:					
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
116.95	137	Mostly pbl conglomerate, few clasts >2cm. Wcy+lim altn. Groups of SHTV running through where pbl decreases in size and SS dominates. Contacts are gradational	MT-CO	pbl	80.0%	bf	qtz	75	co	2
137	138.57	Fecb alt along thin 1-3mm qz vnlets w/ alt bleeding out along fol from vn - fecb selvedge. Thin QV have bxwrk (oxidized py).	QZVN	frac	1.0%	w			co	2
137	138.57	1mm interbeds in phyl. 1% diss anhed py blebs in sndst and selective grn replacement.	MT-SS	fgr	44.0%	gy			co	2
137	138.57	Blk phyl interbedded q/ mm thick fgr gy sndst beds. Penetrative fol throughout. Fecb alt along S0/Fol/vns.	MT-Phy	fol	55.0%	n			br	2
138.57	161	Foliated blk phyllite	MT-Phy	fol	4.0%	n			fr	2
138.57	161	HIgh degree of STWK qzvning in QPC	QZVN	frac	5.0%	w			co	2
138.57	161	Grey SLT with sheared elongated phy clasts. Sharp deformed contacts between sed units.	MT-SLT	fgr	6.0%	gy			co	2
138.57	161	QPC dom lithology, interbedded w/ section sof 50-90cm wide phy/slt. Gry-bf QPC highly vned by stkwrk. QPC varies in grn size throughout interval (2mm-6mm). Gry ss with sheared elongated phy clasts. Sharp contacts b/w sed units, very disturbed. Slt layers w/in ss.	MT-CO	pbl	85.0%	gy	qtz	30	co	2
161	167	1cm thick qzvns at contact zones	QZVN		5.0%	w			co	2
161	167	Graded upper contact from QPC to coarse grained SS. SS is grey-green w rounded grains. SS and SLT are interbedded on mm-cm scale, Wavy contacts bw SS and and pyl suggesting soft sed deformation.	MT-SLT	fgr	15.0%	br			co	2
161	167	Graded upper contact from QPC to coarse grained SS. SS is grey-green w rounded grains. SS and SLT are interbedded on mm-cm scale, Wavy contacts bw SS and and pyl suggesting soft sed deformation. Phyl layers more homogeneous	MT-Phy		30.0%	n			co	2
161	167	Graded upper contact from QPC to coarse grained SS. SS is grey-green w rounded grains. SS and SLT are interbedded on mm-cm scale, Wavy contacts bw SS and and pyl suggesting soft sed deformation.	MT-SS	cgr	50.0%	gy			co	2
167	199.67	Minor grey interbedded SS, very thin squiggly qzvns parallel to core axis	MT-SS	fgr	5.0%	gy			co	2
167	199.67	Blk phyl, very competent low to mod shearing	MT-Phy		95.0%	n			co	2
199.67	213.1	Quartz Veining in Phyllite portion is: Generally <0.3cm thick, with small vugs and iron-staining and generally <60TC.A Veining is phyllite portion is frequently tightly folded. Quartz Veining in fine-grained sandstone porotion is: Generally 0.5-3cm thick, vuggy, iron-stained and with multiple tension cracks within veining.	QZVN		5.0%	w			br	2
199.67	213.1	Black, foliated & folded phyllite. Texture too fine-grained to determine exact composition. Contacts of fine-grained sandstone with interbedded black phyllite are generally sharp and competent in upper portion of unit. Contacts of fine-grained sandstone with interbedded, black phyllite are faulted, gouged and fragmented in lower half of interval. Upper contact defined by suddent on-set of intense iron-carbonate alteration. Gouge wedge at lower contact.	MT-Phy		35.0%	n			br	2

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Plunge:	60	Azimuth:	245	EOH:	300		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
199.67	213.1	Very fine-grained, pale grey sandstone with weak pervasive iron-staining. Locally grades into silt size. Contacts with interbedded black phyllite are generally sharp and competent in upper portion of unit. Contacts with interbedded, black phyllite are faulted, gouged and fragmented in lower half of interval. Folded & foliated. Grainsize: 0.3-0.5mm Composition: 70% Quartz, 30% white, clay altered, pitted feldspar Grainshape: subrounded Upper contact defined by suddent on-set of intense iron-carbonate alteration. Gouge wedge at lower contact.	MT-SS	fgr	60.0%	gy	qtz	70	br	2
213.1	232	Quartz veining in silt-phyllite sequence: - generally as very thin (<1mm thick) tension vein arrays within phyllite - as folded thin veinlets within phyllite - as dffuse semi-penetrative seams within silt sequences	QZVN		2.0%	w			co	1
213.1	232	Fine-grained, light to medium grey sandstone occurs locally as grading within silt sequences. Also coarse-grained sandstone at lower contact of unit, which forms a gradational contact with a conglomerate sequence. Composition of sandstone: 70% grey quartz; 29% wite clay altered feldspar, 1% fine-grained, dark lithics Grainshape: subangular	MT-SS	fgr	18.0%	gy	qtz	70	co	1
213.1	232	Black, foliated and folded Phyllite dominates from 213.1-220.0 meters Light to medium grey silt which locally grades into fine-grained sandstone, dominates between 220.0-232.0 meters. Phyllite occurs as narrow 1-20cm wide interbeds within silt portion of interval, but upper portion of unit appears to solely consist of phyllite. Texture of Phyllite and Sandstone too fine-grained to determine exact composition. Gouge wedge at upper contact. Lower contact is gradational from sandstone into conglomerate sequence.	MT-Phy		30.0%	n			co	1
213.1	232	Light to medium grey silt which locally grades into fine-grained sandstone, dominates between 220.0-232.0 meters. Black, foliated and folded Phyllite dominates from 213.1-220.0 meters Phyllite occurs as narrow 1-20cm wide interbeds within silt portion of interval, but upper portion of unit appears to solely consist of phyllite. Texture of Phyllite and Sandstone too fine-grained to determine exact composition. Gouge wedge at upper contact. Lower contact is gradational from sandstone into conglomerate sequence.	MT-SLT		50.0%	gy			co	1
232	247	Quartz Veining within turbidite sequence: Quartz veining is concentrated into conglomerate domeinated intervals from 238 to 245.7 meters in form of ~2.5cm thick, predominantly low core angle, pyrite mineralized veining.	QZVN		2.0%	w			co	1

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	Plunge:	Azimuth:	EOH:				
	60	245	300				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
232	247	Turbidite Sequence -phyllite interbedding has black colour and contacts with silt and conglomerate sequences are concordant to phyllite-silt bedding cleavage. Phyllite occurs also as narrow - wispy seams within silt sequences. Texture of phyllite and silt too fine-grained to determine exact composition. Interbedding has very diverse scale from 20cm to 2 meters.	MT-Phy		20.0%	n			co	1
232	247	Turbidite Sequence - silt interbedding has light grey colour and contacts with phyllite and conglomerate sequences are concordant to phyllite-silt bedding cleavage. Occassionally also multiple, wispy, elongated, black phyllite wedges within silt sequences that extend 1-3cm in length and are oriented concordant to bedding cleavage. Texture of phyllite and silt too fine-grained to determine exact composition. Interbedding has very diverse scale from 20cm to 2 meters.	MT-SLT		30.0%	gy			co	1
232	247	Turbidite Sequence - Conglomerate compostion: 84% grey quartz; 15% buff-yellow, iron-carbonate altered feldspar; 1% elongated, black, phyllite clasts Grainsize: 3-6mm Grainshape: subangular locally grades into granule (2-4mm) size	MT-CO	pbl	48.0%	gy	qtz	84	co	1
247	269	Quartz Veining in turbidite sequence: - very scarcely distributed - generally barren - generally in sandstone sequences - generally <0.5cm thick with very small vugs and white-grey appearance	QZVN		2.0%	w			br	1
247	269	Turbidite silt-phyllite-sand sequence: Phyllite sequences have black colour and are locally interbedded with phyllite and sandstone. Phyllite-silt contacts with sandstone are generally concordant to phyllite-silt bedding cleavage. Texture of phyllite and silt too fine-grained to determine exact composition.	MT-Phy		13.0%	n			br	1
247	269	Turbidite silt-phyllite-sand sequence: Silt sequences have grey-tan colour and are locally interbedded with phyllite and sandstone. Phyllite-silt contacts with sandstone are generally concordant to phyllite-silt bedding cleavage. Texture of phyllite and silt too fine-grained to determine exact composition.	MT-SLT		15.0%	gy			br	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
247	269	Turbidite silt-phyllite-sand sequence: Sandstone sequences are volumetrically dominant and show a foliation fabric in form of dark grey, very thin lamellae at 0.5-1cm spacing. Not all lamellae are fully penetrative. Lamellae appear to be chlorite source and surround feldspar and quartz clasts, which do not appear elongate or aligned. Lamellae appear to be frequently concordant to phyllite interbed contacts. Also frequent angular, up to 3cm diameter, phyllite clasts within sandstone - often with no particular alignment (i.e. @ 251.5m). Sandstone ranges from locally fine to medium to coarse grained (towards lower contact). Composition: 75% grey quartz; 20% white clay altered or buff iron-carbonate altered feldspar; ~5% black phyllite clasts of varying size Gransize: 1-2mm (grainsize of sandstone increases in downhole direction) Grainshape: subangular	MT-SS	mgr	70.0%	gy	qtz	75	br	1
269	281.05	Occassional narrow, 4-40cm long, black phyllite interbeds in QPC unit. Contacts with QPC are generally competent and concordant to phyllite bedding cleavage. Only one 40cm wide interbed and predominantly as thing semi-penetrative wedges. Texture of phyllite too fine-grained to determine exact composition.	MT-Phy		1.0%	n			co	1
269	281.05	Quartz Veining in QPC unit: - relatively scarce - near upper contact conordant to low grade shear foliation - generally not exceeding 3cm in thickness - appear barren	QZVN		4.0%	w			co	1
269	281.05	Quartz-Pebble-Conglomerate (QPC): Grainsize: 0.5-1.2cm Composition: 82% white-grey, sometimes elongated quartz clasts; 15% pitted, orange-buff, iron-carbonate altered feldspar; 3% black lithics in form of elongated, wispy phyllite clasts and also larger angular inclusions near lower contact of unit. Grainshape: subangular quartz clasts appear elongated and wedgelike in large portions of interval and surrounded by thin, dark grey, aligned chlorite seams (low grade shearing?) Low grade shear fabric is relatively consistent throughout unit. Matrix-Clast Proportion: 1-99 Matrix in form of aligned dark grey chlorite seams.	MT-CO	pbl	95.0%	gy	qtz	82	co	2
281.05	282.4	foliated and folded Phyllite with high degree of fragmentation and partial softening near lower contact. Both upper contact (with conglomerate) and lower contact (with sandstone) are hard and competent and concordant to phyllite bedding cleavage. Texture of phyllite too fine-grained to determine exact composition.	MT-Phy		100.0%	n			br	2
282.4	300	localized grading into coarse graine sandstone; same composition as QPC unit	MT-SS	cgr	3.0%	gy	qtz	90	br	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
282.4	300	Quartz Veining in QPC unit: - generally 0.5-2.5cme thick - frequently concordant to alignment of chlorite seams and quartz wedges - thin dark grey chlorite rims along vein boundaries - alpha angle generally >45TCA - appear barren - some veinlets are only partialy penetrative (pinched) high density of quartz veining of up to 30cm thickness between ~294 to ~298 meters and also high degree of fragmenation. [see point structure measurements]	QZVN		7.0%	w			br	1
282.4	300	Quartz-Pebble-Conglomerate (QPC): Composition: 84% grey quartz; 15% white clay & buff-yellow, iron-carbonate altered feldspars; 1% dark wispy, phyllite clasts Grainsize: 0.4-1.2cm Grainshape: Quartz clasts appear grey diffuse and frequently enlongated and subangular; feldspar clasts are angular and frequently highly altered with a pitted appearance and show no significant alignments; phyllite clasts are wispy up to 2cm long, aligned seams. 1% Matrix (matrix-clast ratio) in form of dark grey chloriet seams at 0.5-1cm spacing aligned with elongated quartz clasts. Unit appears weakly foliated -- alignment & elongation of quartz clasts and surrounding dark grey chlorite seams large parts of unit are coarsely fragmented along rough, non-planar, clay-coated fracture surfaces	MT-CO	pbl	90.0%	gy	qtz	90	br	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	12.16		LIM	1.5	frac	o-y
3	10		LIM	3	smgr	o-y
3	12.16		fecb	1.5	frac	r-b
3	10		cy	3	smgr	w
11.68	12.16	moe intense altn interval with strong fecb altn in qtz vugs and fracs	fecb	4	frac	r-b
11.68	12.16	moe intense altn interval with strong fecb altn in qtz vugs and fracs	fecb	4	vug	r-b
11.68	12.16	lim along fracs and vn fracs	LIM	2	frac	o-y
11.68	12.16	sericite altn of QPC matrix	ser	3	perv	g
12.16	15	lim altn of qpc gouge	LIM	4	gouge	o
15	16.65		fecb	1	frac	r-b
15	16.65	clay altn of fspar pbls in qpc	cy	4	smgr	w
15	16.65	overprint of wcy smgr of fspar, more intense at base of interval	LIM	3	smgr	o
15	16.65	fecb coating in qzvn vugs	fecb	2	vug	r-b
16.65	20.45	fecb coating in fracs	fecb	2	frac	r-b
16.65	20.45	fecb selective altn of SLT beds in phyl	fecb	1	bed	r-b

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	Plunge:	Azimuth:	EOH:				
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
16.65	20.45		LIM	1	frac	o-y
16.65	20.45	Fecb altn of vfgr fspar	fecb	1	smgr	r-b
16.65	20.45	fecb coating along cleavage	fecb	2	fol	r-b
20.45	24		LIM	1	gouge	o-y
20.45	24		fecb	1	gouge	r-o
20.45	24	lim altn in gouge and along fractures in competent core	LIM	1	frac	o-y
20.45	24	hem altn along fracs in large competent qzvn fragments	hem	1	vn	r
24	29.4	weak chl altn of think qtzvns	chl	1	vn	g
24	29.4	pervasive lim altn of SLT interbeds in phyllite	fecb	3.5	bed	r-o
24	29.4	strong fecb altn along x-cutting fracutes in qzvns	fecb	3.5	vn	r-b
24	29.4	pervasive lim altn of thin qzvns	LIM	3.5	vn	o
24	29.4		LIM	1.5	bed	o
24	29.4	intense fecb along foliation in phyl	fecb	4	fol	r-o
29.4	35.1	fecg altn of phyl gouge	fecb	1.5	gouge	r-b
29.4	35.1	lim altn of phyl gouge	LIM	2	gouge	y
35.1	35.8	ser altn of QPC gouge	ser	4	gouge	gy-g
35.1	35.8	lim altn of cy gouge in QPC	LIM	1	gouge	y
35.8	40.5		LIM	1	bed	o-y
35.8	40.5		fecb	1	bed	r-o
35.8	40.5		LIM	1	frac	o-y
35.8	40.5		fecb	1	frac	r-b
35.8	40.5	Fecb altn of vugs and antiaxial fracs in rare qzvns	fecb	2	vn	r-o
35.8	40.5		fecb	2	fol	r-o
40.5	44.6		fecb	3	vn	b
40.5	44.6	purple brown intense fecb altn	fecb	3	frac	b
40.5	44.6	yellow-orange altn along fracs	LIM	1	frac	y
44.6	45.5	faint ser altn starting to replace matrix	ser	1	diss	g
44.6	45.5	along fracs and near phyl/QPC contact	LIM	2	frac	y-o
44.6	45.5	replacing QPC matrix	LIM	2	smgr	y-o
44.6	45.5		fecb	3	frac	b
45.5	48.9		ser	1	diss	g
45.5	48.9	ser along fault filled fracs	ser	2	frac	g
48.9	60	matrix replacement	ser	2	diss	g
48.9	60	hem altn in matrix at 49m	hem	2	smgr	r
48.9	60		ser	2	frac	g
48.9	60	localized large fractures with cy replacement	cy	1	frac	w
60	63.95		LIM	3	smgr	o
60	63.95	fecb filling vugs and fractures	fecb	2	frac	b
60	63.95	lim filling vugs and fractures	LIM	2	frac	b

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-022	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
60	245	300					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
60	63.95	intense perv lim altn through QPC matrix at 60.45	LIM	4	perv	o
66.65	67.45		LIM	1	frac	o
66.65	67.45	phyl beds truncated and faulted, brecciated	hem	2	vn	r
66.65	67.45	bx zone, qzbx and phyl	hem	3	frac	r
67.45	76		LIM	2	frac	y
67.45	76	along fracs and qz/wallrock contact	hem	3	frac	r
67.45	76	follows lamella and thin beds	LIM	1	bed	y
76	132	strong fecb altn in x-cutting fracs	fecb	2	frac	b
76	132		cy	2	smgr	w
76	132	distd through fracs	hem	2	frac	bf
76	132		LIM	2	frac	y-b
76	132		LIM	2	smgr	y
132	137.9	intense fecb altn in fracs and vugs	fecb	4	frac	b
132	149.2	replacing fspar clasts	cy	1	smgr	w
132	149.2	replacing fspar clasts	LIM	3	smgr	o-b
132	135.5		ser	2	frac	g
132	135.5	replacing matrix	ser	2	diss	g
132	149.2	fault filled fracs and major breaks	LIM	2	frac	o-b
145.9	146.3	hem stringers in qzvns	hem	3	vn	r
145.9	146.3	hem altn along small localized fracs	hem	2	frac	r
149.2	150	short interval of only clay altn until smgr hem overprinting dominates	cy	2	smgr	w
150	160.9		fecb	2	frac	bf
150	160.9		LIM	1	frac	o
150	160.9	aloing fractured vein surfaces	LIM	1	vn	o
150	160.9	lim replacing fspar grains and overprinting cy altn	LIM	3	smgr	o
162	168	local pervasive fecb altn selectively in coarser SLT/SS beds	fecb	2	perv	r
162	168	within and surrounding qzvns	LIM	1	vn	o
162	168	local pervasive lim altn selectively in coarser SLT/SS beds	LIM	2	perv	o
162	168		fecb	2	frac	r
168	170.8		LIM	2	frac	o-b
168	170.8	Stwk and mm scale fecb replaced vns	fecb	3	vn	r
170.8	193.1		LIM	1	frac	b
170.8	193.1		fecb	1	frac	b
180.5	180.51	series of TVA blood red with hem	hem	4	vn	r
180.51	199.67		fecb	2	frac	b
199.67	213.1	Intense orange-brown iron-carbonate staining along rough undulated open fractures as well as healed fractures seams. Weak persave staining. More apparent in fine-grained sandstone portion of interval.	fecb	4	frac	o
221.8	22.5	localized intense, orange-brown iron staining in sandstone sequence	fecb	4	perv	o
232	247	iron-carbonate alteration of feldspar clasts within conglomerate intervals as part of phyllite-silt-conglomerate turbidite sequence	fecb	2	smgr	bf
247	269	white clay alteration of plagioclase feldspar in sandstone	cy	1	smgr	w

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-022	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	60	245	300				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
247	265.05	occassional iron-carbonate staining in thin, vuggy quartz veinlets in sandstone	fecb	1	vn	o
265.05	269	iron-staining on softened fragments and partially gouged core	fecb	2.5	frac	o
269	281.05	buff-orange-yellow iron-carbonate alteration of feldspar clasts in Quartz-Pebble-Conglomerate Feldspar clasts appear frequently appear extremely soft and pitted.	fecb	4	smgr	o
282.4	300	pitted, buff-yellow iron-carbonate alteration of feldspar clasts in QPC unit	fecb	2	smgr	bf
284.2	300	white clay alteration of feldspars in QPC unit	cy	1	smgr	w

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
8	9.3	FZ	300.0%	BFZ	Broken core w/ inor gouge 0.3cm-few cm grains
10.2	11.67	FZ	350.0%	BFZ	Broken/gouged core
11.67	12.16	QZVN	400.0%	bx	abundant qzning QPC, intensely frac'd to bx'd
12.16	15	FZ	350.0%	BFZ	Dominantly gouge w/ few competent pieces
20.45	24	FZ	400.0%	BFZ	Intensely broken/gouged zone of phyl
24.7	26.3	FZ	300.0%	BFZ	v. broken sxn of phyl, not quite gouge
26.6	27	FZ	350.0%	BFZ	broken, minor phyl gouge
27.26	28	FZ	250.0%	BFZ	broken, minor phyl gouge
29.4	36.3	FZ	400.0%	BFZ	intensely gouge phyl
37.5	40.2	FZ	200.0%	BFZ	broken, minor phyl gouge
44.4	44.6	SZ	300.0%	DBSZ	sheared and bx'd phyllite near contact
47.8	48.3	QZVN	400.0%	stwk	stwk qzvning through SS+QPC almost totally qtz vein
48.5	50	FZ	350.0%	BFZ	fragmented phyl gouge with ser alteration
51.3	51.85	QZVN	350.0%	mass	ser+wcy altered qzvn
51.8	54	FZ	400.0%	BFZ	fragmented phyl gouge with ser alteration
67.45	76	FZ	300.0%	bx	Qzvns and interbedded SS+phy highly brecciated
69.5	70.9	FZ	250.0%	BFZ	fragmented phyl with minor lim altn
77.35	78	QZVN	300.0%	mass	mass qzvn through QPC
108.45	112.3	FZ	400.0%	BFZ	highly faulted zone with major core loss
117	117.6	FZ	200.0%	BFZ	brecciated QPC
120.5	122.05	FZ	200.0%	BFZ	Bx QPC core loss
125.15	126.5	FZ	300.0%	BFZ	Bx QPC core loss
131.65	137.3	FZ	300.0%	BFZ	Broken QPC/SS
139.5	139.8				
147.9	148.5	FZ	200.0%	BFZ	
153	157	QZVN	400.0%	stwk	
153	157	QZVN	400.0%	TVA	
155.5	156	SZ	300.0%	DBSZ	Qzvns are sheared
159	160.75	FZ	250.0%	BFZ	broken/fragmented FZ
165.8	167	FZ	400.0%	CSZ	gouged fault zone

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-022	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	60	245	300				

From	To	Mineral	Intensity	Distribution	Comments
168	168.5	FZ	350.0%	BFZ	some gouge
180.3	180.7	SZ	100.0%	DBSZ	red fecb TVA
206.25	213.1	FZ	300.0%	BFZ	High degree of fragmentation and and partially gouged core: Rough, iron-stained, undulated, low core angle fractures. Soft plastic gouge wedges. Rubbled fragments.
226.6	228.9	FZ	100.0%	BFZ	Frequent, thin gouge wedges along silt-phyllite interbed sequences (where phyllite portion is softened). Phyllite gouge - Silt contacts are generally concordant to phyllite bedding cleavage.
232.86	234	FZ	300.0%	BFZ	very poorly recovered fault structure: fine-crushed conglomerate clasts -- ~20% recovery
247	250.8	FZ	300.0%	BFZ	gouged and fragmented core in fine-grained sand-silt-phyllite sequence
258.32	261.3	FZ	200.0%	BFZ	partially softened core and intensely fragmented throught; severals narrow gouge wedges some with cataclasite textue (fragmentes in partially softened matrix) [dominated by phyllite-silt lithology; black phyllite interbed wedge at lower contact]
265.05	269	FZ	100.0%	BFZ	coarse, fragments with interspersed softened crush soft plastic, black phyllite gouge wedge at lower contact of interval from 268.84-269.0 meters at ~85TCA. Lithology predominantly coarsegrained sandstone with occassional angular, rather large, wedgelike phyllite inclusions.
269	272.2	SZ	100.0%	DSZ	zone of low grade shearing beneath narrow phyllite gouge wedge in form of elongated, aligned quartz clasts surrounded by regularily spaced, aligned dark chlorite seams in upper portion of QPC unit.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
3	16.65	trace fgr anh py diss in SS	py	0.1	diss
3	16.65	trace py in vugs of QV, within boxwork	py	0.1	vn
16.65	29.4	tr py in rusty vn vugs	py	0.1	frac
40.2	63.95	vfgr diss asp in vugs	asp	0.1	diss
57.2	57.21	1cm bleb of gn xls in qzvn	gn	1	vn
63.95	74.6		py	0.5	vn
71.4	71.45	pervasive graphite in gouge zone	gf	3	perv
88.6	116.3		asp	0.1	diss
88.6	116.3		py	0.1	diss
100.5	101	cgr euh py xls within thin 0.5cm qzvns	py	0.5	vn
127.4	161.6	fgr asp xls diss throughout veins QPC matrix	asp	0.01	diss
127.4	161.6	fgr asp xls in qzvns throughout QPC	asp	0.01	vn
127.4	161.6		py	0.1	diss
143.4	141.3	fgr py xls in blebs within veined phylbands where hem altn is abundant	py	0.5	vn
168.7	172.9	stinger and sheared vn py in phyl	py	0.5	vn
199.67	213.1	partially penetrative stringers and small blebs in quartz veining -- predominantly within sandstone portion of interval	py	0.4	vn
213.1	232	rare vein or vein wallrock, fine-grained, trace pyrite mineralization	py	0.01	vn
238	245.7	occassional pyrite blebs in ~2.5cm thick, predominantly low core angle, vuggy quartz veining within conglomerate sequence.	py	0.3	vn
268.84	269	very fine-grained disseminated pyrite along contacts of narrow phyllite gouge wedge within Conglomerate unit.	py	0.5	gouge
297.54	298.13	fine-grained disseminated pyrite and in chlorite seams within variable thinckness quartz veining + in QPC wallrock contact	py	0.2	vn

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-022	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
60	245	300					

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
6.5	Veins			qtz	Veinlets	35			veinlets and faulting in SS
7.16	Veins			qtz	SHTV	30			1cm qzvn
7.16	Veins			LIM	AV	20			antaxial vein within 1cm qzvn
9.4	Veins			LIM	flt				fault filled qzvn
10	Contact			LIM		25			sharp contact with QPC overlying phyl
13.5	Veins			LIM	SV	35			syntaxial vein within 1cm qzvn
13.5	Veins			qtz	SHTV	45			1cm white qzvn
16.1	Veins			LIM	AV	10			antaxial vein within 6cm qzvn
16.1	Veins			LIM	SHTV	45			6cm vn part of sheeted array
19.55	Cleavage		So	LIM		35			1mm SLT bed in phyl
19.55	Cleavage		S1	fecb	FOL	50			fol in phyl
20.15	Faults			fecb	bx matrix	70			Brecciated fault zone, sinistral fault offset So by altn
20.15	Cleavage		So	LIM		45			1mm SLT bed in phyl
20.15	Cleavage		S1	fecb		60			Fecb altered fol in phyl
23.1	Faults			LIM	Gouge	25			flt preserved in phyl gouge
24.12	Cleavage		S1	fecb	FOL	65			S1 delineated by fecb cut coating
24.12	Cleavage		So	fecb	FOL	65			SLT bed in phyl
28.45	Cleavage		So	LIM	FOL	65			1cm thick phyl bed
63	Faults			LIM	Gouge				fragmented lim altered brittle QPC
71.65	Cleavage		So	LIM		60	296		Fragmented lim altered
80.4	Veins			LIM	SHTV	30	170		Sheeted vn set orientation
86.71	Veins			cy	Veinlets	40	90		veinlets in QPC
91.55	Veins			cy	Veinlets	25			qtz, vuggy veinlets in QPC
93.5	Cleavage		S1	LIM	FOL	65			semi penetrative seams in QPC
95.5	Cleavage		So	LIM		25			laminated bedding, vuggy qzvns
99.1	Cleavage			LIM	FOL	60			
101.7	Cleavage		So	LIM		10			laminated bedding, vuggy qzvns
103.6	Veins			fecb	SHTV	15	250		multiple, vuggy, iron-stained veinlets
104.2	Veins			LIM	Veinlets	20			vuggy qtz veins
112.82	Cleavage			cy	Veinlets	40			Semi penetrative clv in vuggy QPC
116.2	Veins			LIM	Veinlets	35			QPC
119.8	Veins			cy	Veinlets	35	260		vuggy qtz vn
124.6	Veins			LIM	Veinlets	25			2cm qtz vns
125.6	Veins			LIM	Veinlets	20			veinlets in QPC
131	Veins			qtz	Veinlets	45			veinlets in QPC
139.9	Veins			qtz	Veinlets	65	260		veinlets in QPC
141.71	Veins			LIM	Veinlets	55	270		veinlets in QPC

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
146.8	Veins			LIM	Veinlets	45	90		veinlets in QPC
150	Bedding		So			30	180		SLT/phyl bedding
154.18	Veins			qtz	Veinlets	25			veinlets in QPC
159	Veins			qtz	Veinlets	45			veinlets in QPC
161.8	Veins			qtz	Veinlets	40	160		veinlets in phyl
165	Bedding		So	LIM		25			phyl/SLT bedding
170.7	Bedding		So			35			phyl/SLT bedding
172	Veins			LIM	Veinlets	40			Small veinlet
174.65	Bedding		So	LIM		25			phyl/SLT bedding
177	Veins			LIM	Veinlets	30	20		2mm veinlets
182.65	Veins			LIM	Veinlets	70			3mm veinlet
185.7	Veins			LIM	Veinlets	60			2mm veinlets
189.29	Veins			LIM	Veinlets	45			2mm veinlets
192.74	Veins			LIM	Veinlets	35	260		2mm veinlets
198.2	Bedding		So			20			in phyllite
201.2	Axial Plane		Fx			75	350		2cm amplitude and 10cm wavelength cink-folding
201.2	Bedding		So			0			
203.6	Veins			fecb	SHTV	50	240		multiple, vuggy, iron-stained veinlets
205.15	Contact					45			sharp competent silt-sand above and phyllite below
205.15	Faults					45			phyllite-silt-sand contact that off-sets veining
205.3	Bedding		So			45			bedding cleavage in phyllite
209.8	Faults			hem	Gouge	25			gouge with 20TCA, hematized cleavage surface
213.3	Bedding		So			40			in phyllite-silt sequence
215.2	Faults				Gouge	80			poorly recovered, ~15cm thick gouge wedge in phyllite
216.2	Bedding		So			40	300		compositional bedding cleavage in phyllite
218.5	Faults				Gouge	45			poorly recovered, ~10cm thick gouge wedge
218.7	Bedding		So			55	130		compositional bedding cleavage in phyllite
219	Veins				Veinlets	45			multiple, densely spaced, tightly folded veinlets in phyllite that appear off-set along low core angel quartz seam
225.4	Faults				FOL	35			gouge seam concordant to compositional bedding cleavage in phyllite-silt sequence
225.5	Bedding		So			38			compositional bedding cleavage in phyllite-silt sequence
228.9	Faults			fecb	Veinlets	85			2cm thick quartz vein with curved surface at fault contact
229.5	Bedding		So			40	150		compositional bedding cleavage in silt
230.93	Contact					30	120		sharp contact between silt-sand sequence above and phyllite below
230.95	Veins			py	FOL	50	140		multiple sheared pyrite seams
231.1	Bedding		So			50	140		compositional bedding cleavage in phyllite
231.2	Bedding		So			45	140		compositional bedding cleavage in phyllite-silt
232	Veins					75			vuggy, 0.2cm thick quartz veinlet in conglomerate sequence
232.7	Veins			py		55			sheared pyrite vein in conglomerate
234.15	Faults				Gouge	75			phyllite gouge wedge

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Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
234.9	Contact					42			sandstone-silt above, phyllite below
237	Bedding		So			50	140		compositional bedding cleavage in phyllite-silt-sand sequence
239.4	Veins			fecb		35			2cm thick vuggy quartz vein in conglomerate
241.1	Veins			fecb		10	150		pyrite mineralized vein orientation in conglomerate
242	Contact				Gouge	50			gouge seam along contact: conglonerate above; phyllite-silt below, concordant to So in phyllite-silt
242.5	Bedding		So			55			compositional bedding cleavage in phyllite-silt sequence
243	Joints			fecb		25			high incidence of undulated, rough, iron-stained low core angle fractures
244	Veins			py	bx matrix	40			~15cm thick, rust-stained band with sharp bounaries, brecciated appearance and pyrite cluster mineralization: angular, 1cm diameter conglomerate clasts in qtz-fecb matrix
246.5	Bedding		So			40			compositional bedding cleavage in phyllite-silt sequence
250.9	Cleavage				Gouge	65			contact between phyllite interbed and sandstone concordant to both phyllite and sandstone foliation
252.7	Cleavage		Sx			57			chlorite lamellae alignment in sandstone at 0.5-1cm spacing
254.2	Bedding		So			25			flexing compositional bedding cleavage in phyllite interbed
254.5	Faults				Gouge	10		1	long running gouge seam subparallel to compositional bedding cleavage in phyllite
256.15	Faults				FOL	25			25cm phyllite interbed in sandstone unit - softened and partially gouged
257.7	Cleavage		Sx			65	235		grey lameallar alignment in sandsonte at fairly wide spacing
261.5	Contact					65			phyllite wedge at lower fault contact in contact with foliated sandstone below
261.6	Cleavage		Sx			60			lamellar grey seam alignment in coarse grained sandstone - likely a compositional bedding feature; lamellae at 0.3cm spacing (no elongation of clasts)
262	Veins				Veinlets	45			repeated quartz veinlet orientation in foliated sandstone
264	Cleavage		Sx			60			lamellar grey seam alignment in coarse grained sandstone - likely a compositional bedding feature; lamellae at 0.3cm spacing (no elongation of clasts)
265.05	Faults				Gouge	50			soft, foliated, 10cm gouge wedge within phyllite interbed
268	Cleavage		Sx			55			lamellar grey seam alignment in coarse grained sandstone - likely a compositional bedding feature; lamellae at 0.3cm spacing (no elongation of clasts)
268.84	Faults				Gouge	85			16cm thick, intensely gouge phyllite interbed (in sandstone unit)
270	Cleavage		Ssh			75	340		lamellar chlorite seam alignment and stretching of quartz clasts in QPC
271	Veins				FOL	65			shear foliation concordant quatz veinlets in QPC unit
273.67	Veins				SHTV	55			multiple, white, bullish quartz veinlets in QPC unit
275.3	Cleavage		Ssh			65			weakly expressed lamellar grey seam alignment in coarse grained sandstone - likely a compositional bedding feature; lamellae at 0.3cm spacing (no elongation of clasts)
275.8	Bedding		So			60			compositional bedding cleavage in phyllite interbed
278.3	Cleavage		Ssh			60			weakly expressed lamellar grey seam alignment in coarse grained sandstone - likely a compositional bedding feature; lamellae at 0.3cm spacing (no elongation of clasts)
280.6	Cleavage		Ssh			65			lamellar chlorite seam alignment and stretching of quartz clasts in QPC
281.05	Contact				FOL	50			upper contact of softened, partially friable phyllite bed unit
281.4	Veins				AXP	60			quartz seams bi-secting cink-fold profiles
281.4	Bedding		So			40			compositional bedding cleavage in phyllite
281.4	Axial Plane					60			cink-folding in compositional bedding cleavage in phyllite
282.4	Contact				FOL	75			compostional bedding cleavage in phyllite; lithological contact

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
282.4	Bedding		So			75			compostional bedding cleavage in phyllite; lithological contact
283	Cleavage		Sx			65			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
283.3	Veins				Veinlets	50			thin, grey, barren quartz veinlets - subconcordant to foliation
284.5	Cleavage		Sx			60			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
286	Cleavage		Sx			45			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
287.85	Veins			chl	FOL	60			3cm thick quartz vein with dark grey chlorite seams
287.9	Cleavage		Sx			60			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
289.37	Veins				FOL	60			flex folded and partially boudinaged quartz veinlets parallel to alignment in QPC unit
289.37	Cleavage		Sx			60			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
290	Veins				Veinlets	75			vein orienation in foliated QPC unit
290.5	Cleavage		Sx			65			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
292.6	Cleavage		Sx			60			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
297.4	Cleavage		Sx			55			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit
297.54	Veins				SHTV	55			up 30cm thick densely spaced quartz veining in QPC unit
298.1	Veins			py	Veinlets	75			fine-grained disseminated pyrite and in chlorite seams within 3cm thick quartz vein + in QPC wallrock contact
298.4	Cleavage					60			alignment of wispy chlorite seams and elongation of quartz clasts in QPC unit

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30270	3	5	2011	Expl Geochem	H-split	
30271	5	7	2011	Expl Geochem	H-split	MT-CO.pbl
30272	7	9	2011	Expl Geochem	H-split	MT-CO.pbl
30273	9	10	2011	Expl Geochem	H-split	MT-CO.pbl
30274	10	10.9	2011	Expl Geochem	H-split	MT-Phy
30275	10.9	12.16	2011	Expl Geochem	H-split	MT-CO.pbl
30276	12.16	14	2011	Expl Geochem	H-split	MT-CO.pbl
30277	14	15	2011	Expl Geochem	H-split	MT-CO.pbl
30278	15	16.65	2011	Expl Geochem	H-split	MT-CO.pbl
30279	16.65	18.65	2011	Expl Geochem	H-split	MT-Phy
30280	18.65	20.45	2011	Expl Geochem	H-split	MT-Phy
30281	20.45	22	2011	Expl Geochem	H-split	MT-Phy
30282	22	24	2011	Expl Geochem	H-split	MT-Phy
30283	24	26	2011	Expl Geochem	H-split	MT-Phy
30284	26	28	2011	Expl Geochem	H-split	MT-Phy
30285	28	29.4	2011	Expl Geochem	H-split	MT-Phy
30286	29.4	31	2011	Expl Geochem	H-split	MT-Phy
30289	31	33	2011	Blank	LWS_2011	
30287	31	33	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30288	31	33	2011	DUP	Q-Split	MT-Phy
30290	33	35.1	2011	Expl Geochem	H-split	MT-Phy
30291	35.1	36	2011	Expl Geochem	H-split	MT-CO
30292	36	37.5	2011	Expl Geochem	H-split	MT-Phy
30293	37.5	40.2	2011	Expl Geochem	H-split	MT-Phy
30294	40.2	42	2011	Expl Geochem	H-split	MT-Phy
30295	42	44	2011	Expl Geochem	H-split	MT-Phy
30296	44	44.6	2011	Expl Geochem	H-split	MT-Phy
30297	44.6	46.6	2011	Expl Geochem	H-split	MT-CO
30298	46.6	48.6	2011	Expl Geochem	H-split	MT-CO
30299	48.6	50.6	2011	Expl Geochem	H-split	QZVN
30300	50.6	52	2011	Expl Geochem	H-split	QZVN
30301	52	54	2011	Expl Geochem	H-split	MT-CO
30302	54	56	2011	Expl Geochem	H-split	MT-CO
30303	56	58	2011	Expl Geochem	H-split	MT-CO
30304	58	60	2011	Expl Geochem	H-split	MT-CO
30305	60	62	2011	Expl Geochem	H-split	QZVN
30306	62	64	2011	Expl Geochem	H-split	QZVN
30307	64	66	2011	Expl Geochem	H-split	MT-Phy
30308	66	68	2011	Expl Geochem	H-split	MT-Phy
30309	68	70	2011	Expl Geochem	H-split	MT-Phy
30310	70	72	2011	Expl Geochem	H-split	MT-Phy
30311	72	74	2011	Expl Geochem	H-split	MT-Phy
30312	74	76	2011	Expl Geochem	H-split	MT-SS
30313	76	78	2011	Expl Geochem	H-split	MT-Phy
30314	78	80	2011	Expl Geochem	H-split	MT-CO
30315	80	82	2011	Expl Geochem	H-split	MT-CO
30316	82	84	2011	Expl Geochem	H-split	MT-CO
30317	84	86	2011	Expl Geochem	H-split	MT-CO
30318	86	87.75	2011	Expl Geochem	H-split	MT-CO
30319	87.75	90	2011	Expl Geochem	H-split	MT-CO
30320	90	92	2011	Expl Geochem	H-split	MT-CO
30321	92	94	2011	Expl Geochem	H-split	MT-CO
30322	94	96	2011	Expl Geochem	H-split	MT-CO
30323	96	98	2011	Expl Geochem	H-split	MT-CO
30324	96	98	2011	STND	CDN-GS-8B	
30325	96	98	2011	DUP	Q-Split	MT-CO
30326	98	100	2011	Expl Geochem	H-split	MT-CO
30327	100	102	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30328	102	104	2011	Expl Geochem	H-split	MT-CO
30329	104	106	2011	Expl Geochem	H-split	MT-CO
30330	106	108	2011	Expl Geochem	H-split	MT-CO
30331	108	108.48	2011	Expl Geochem	H-split	MT-CO
30332	108.48	113	2011	Expl Geochem	H-split	MT-CO
30333	113	115	2011	Expl Geochem	H-split	MT-CO
30334	115	117	2011	Expl Geochem	H-split	MT-SS
30335	117	119	2011	Expl Geochem	H-split	MT-CO
30336	119	121	2011	Expl Geochem	H-split	MT-CO
30337	121	125	2011	Expl Geochem	H-split	MT-CO
30338	125	127	2011	Expl Geochem	H-split	QZVN
30339	127	130	2011	Expl Geochem	H-split	QZVN
30340	130	132	2011	Expl Geochem	H-split	MT-CO
30341	132	134	2011	Expl Geochem	H-split	QZVN
30342	134	137	2011	Expl Geochem	H-split	MT-CO
30343	137	138.57	2011	Expl Geochem	H-split	MT-Phy
30344	138.57	141	2011	Expl Geochem	H-split	QZVN
30345	141	143.3	2011	Expl Geochem	H-split	QZVN
30346	143.3	145.3	2011	Expl Geochem	H-split	MT-CO
30347	145.3	147	2011	Expl Geochem	H-split	MT-CO
30348	147	149	2011	Expl Geochem	H-split	MT-CO
30349	149	150.6	2011	Expl Geochem	H-split	MT-Phy
30350	150.6	153	2011	Expl Geochem	H-split	MT-CO
30351	153	155	2011	Expl Geochem	H-split	MT-CO
30352	155	157	2011	Expl Geochem	H-split	MT-CO
30353	157	159	2011	Expl Geochem	H-split	MT-CO
30354	159	161	2011	Expl Geochem	H-split	MT-CO
30355	161	163	2011	Expl Geochem	H-split	MT-Phy
30356	163	165	2011	Expl Geochem	H-split	MT-SLT
30357	165	167	2011	Expl Geochem	H-split	MT-SLT
30358	167	168.7	2011	Expl Geochem	H-split	MT-Phy
30360	169	171	2011	STND	CDN-GS-8B	
30361	169	171	2011	DUP	Q-Split	MT-Phy
30359	169	171	2011	Expl Geochem	H-split	MT-Phy
30362	171	173	2011	Expl Geochem	H-split	MT-Phy
30363	173	175	2011	Expl Geochem	H-split	MT-Phy
30364	175	177	2011	Expl Geochem	H-split	MT-Phy
30365	177	179	2011	Expl Geochem	H-split	MT-Phy
30366	179	181	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30367	181	183	2011	Expl Geochem	H-split	MT-Phy
30368	183	185	2011	Expl Geochem	H-split	MT-Phy
30369	185	187	2011	Expl Geochem	H-split	MT-Phy
30370	187	189	2011	Expl Geochem	H-split	MT-Phy
30371	189	191	2011	Expl Geochem	H-split	MT-Phy
30372	191	193	2011	Expl Geochem	H-split	MT-Phy
30373	193	195	2011	Expl Geochem	H-split	MT-Phy
30374	195	197	2011	Expl Geochem	H-split	MT-Phy
30375	197	199.67	2011	Expl Geochem	H-split	MT-Phy
30376	199.67	201.5	2011	Expl Geochem	H-split	MT-Phy
30377	201.5	203.5	2011	Expl Geochem	H-split	MT-SS.fgr
30378	203.5	205.14	2011	Expl Geochem	H-split	MT-SS.fgr
30379	205.14	207	2011	Expl Geochem	H-split	MT-Phy
30380	207	210	2011	Expl Geochem	H-split	MT-SS.fgr
30381	210	213.1	2011	Expl Geochem	H-split	MT-Phy
30382	213.1	215.2	2011	Expl Geochem	H-split	MT-Phy
30383	215.2	217	2011	Expl Geochem	H-split	MT-Phy
30384	217	219	2011	Expl Geochem	H-split	MT-Phy
30385	219	221	2011	Expl Geochem	H-split	MT-SS.fgr
30386	221	223	2011	Expl Geochem	H-split	MT-SS.mgr
30387	223	225	2011	Expl Geochem	H-split	MT-SS.mgr
30388	225	226.6	2011	Expl Geochem	H-split	MT-SLT
30389	227	228.9	2011	Expl Geochem	H-split	MT-SS.mgr
30390	228.9	231	2011	Expl Geochem	H-split	MT-SLT
30391	231	232	2011	Expl Geochem	H-split	MT-SS.cgr
30392	232	234.15	2011	Expl Geochem	H-split	MT-CO
30393	234.15	236.3	2011	Expl Geochem	H-split	MT-SLT
30394	236.3	238	2011	Expl Geochem	H-split	MT-SLT
30395	238	240	2011	Expl Geochem	H-split	MT-CO
30396	240	242	2011	Expl Geochem	H-split	MT-CO
30397	240	242	2011	DUP	Q-Split	MT-CO
30398	240	242	2011	Blank	LWS_2011	
30399	242	244	2011	Expl Geochem	H-split	MT-CO
30400	244	246.14	2011	Expl Geochem	H-split	MT-CO
30401	246.14	247	2011	Expl Geochem	H-split	MT-Phy
30402	247	249	2011	Expl Geochem	H-split	MT-SS.mgr
30403	249	250.8	2011	Expl Geochem	H-split	MT-SS.mgr
30404	250.8	253	2011	Expl Geochem	H-split	MT-SS.mgr
30405	253	255	2011	Expl Geochem	H-split	MT-SS.mgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-022 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 245 **EOH:** 300

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30406	255	257	2011	Expl Geochem	H-split	MT-SS.mgr
30407	257	258.32	2011	Expl Geochem	H-split	MT-SS.mgr
30408	258.32	260	2011	Expl Geochem	H-split	MT-SS.mgr
30409	260	261.5	2011	Expl Geochem	H-split	MT-SS.mgr
30410	261.5	263.5	2011	Expl Geochem	H-split	MT-SS.mgr
30411	263.5	265.2	2011	Expl Geochem	H-split	MT-SS.mgr
30412	265.2	267	2011	Expl Geochem	H-split	MT-SS.mgr
30413	267	268	2011	Expl Geochem	H-split	MT-SS.mgr
30414	268	269	2011	Expl Geochem	H-split	MT-SS.mgr
30415	269	271	2011	Expl Geochem	H-split	MT-CO
30416	271	273	2011	Expl Geochem	H-split	MT-CO
30417	273	274.8	2011	Expl Geochem	H-split	QZVN
30418	274.8	276	2011	Expl Geochem	H-split	MT-CO
30419	276	278.2	2011	Expl Geochem	H-split	MT-CO
30420	278.2	279.5	2011	Expl Geochem	H-split	MT-CO
30421	279.5	281.05	2011	Expl Geochem	H-split	MT-CO
30422	281.05	282.4	2011	Expl Geochem	H-split	MT-Phy
30423	282.4	284	2011	Expl Geochem	H-split	MT-CO
30424	284	286	2011	Expl Geochem	H-split	MT-CO
30425	286	288	2011	Expl Geochem	H-split	MT-CO
30426	288	290	2011	Expl Geochem	H-split	MT-CO
30427	290	292	2011	Expl Geochem	H-split	MT-CO
30428	292	294	2011	Expl Geochem	H-split	MT-CO
30429	294	296	2011	Expl Geochem	H-split	MT-CO
30430	296	298	2011	Expl Geochem	H-split	MT-CO
30431	298	300	2011	Expl Geochem	H-split	MT-CO

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-023 **Grant No.:** YC72448

Location

Easting:	Northing:	Latitude:	Longitude:
533366.8	6845919.0		

Elevation: 1808 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 245
EOH: 306.0 m
Core Size: HQ

Start Date: 31/08/2011
Finish Date: 05/09/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
24	75.3	245.84	5829	Reflex	1
75	75.4	249.44	5835	Reflex	1
126	75.4	250.04	5825	Reflex	1
177	75.3	251.94	5827	Reflex	1
228	75.5	252.74	5822	Reflex	1
274	75.6	245.94	5814	Reflex	1
306	75.8	244.64	5821	Reflex	1

Objective:

The initial test of the Green Zone is targeting the upper band of scoridite alteration and arsenopyrite in rubble crop. The hole will test stratigraphy an for the 'Green Zone' fault.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	12	no core recovered	CASING		100.0%				co	1
12	14	intensely rust-oxidized, friable quartz-pebble-conglomerate: - some original texture dissernible - bright orange colour - appears arenitc (discerned from fragments) Grainsize: ~0.4cm Grainshape: subangular Composition: 85% quartz clasts discernible in oxidized fragment	MT-CO	pbl	100.0%	o	qtz	85	co	1
14	31.3	virtually no quartz veining except for several oxidized quartz vein framtement between ~22.5 to ~23.5 meters. [no discernible mineralization]	QZVN		1.0%	w			br	1
14	31.3	black, rust oxidized phyllite - combination thereof given dark brown appearance Texture is too fine-grained to determine exact composition. Rare dark grey-tan, interbedded phyllite lamellae. Frequent rust-seams along bedding foliation. Entire unit is very blocky and also intensely weathered + possibly structurally gouged in large parts of unit interval [see structure interval]. However location near surface could also indicate meteoric weathering. Faulting at lower contact with limonized QPC unit. [no discernible mineralization]	MT-Phy		99.0%	m			br	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	245	306					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
31.3	72.3	Densely distributed quartz veining varying from 1cm - 40cm in width. No obvious mineralization. Frequently brown precipitate in quarz vein vugs. (manganese oxide? siderite?) Quartz veins have sharp boundaries and variable orientations and are frequently criss-crossed by rust tension seams. [see point structures for orientation details] Vein density and vein width increases significantly from ~60 meter downwars	QZVN		20.0%	w			co	1
31.3	72.3	0.4-2cm diameter Quartz-Pebble-Conglomerate: rust-staining along fractures and on white clay-altered feldspars throughout Composition: 88% white quartz clasts; 10% clay-altered and frequently rust-stained feldspar clasts; 2% black phyllite fragments Grainshape: subangular too subrounded clasts are surrounded by ~2% chlorite matrix (dark grey rimming - scratches white) both upper and lower contacts of unit with phyllite are marked by narrow phyllite interbed wedges with conglomerate.	MT-CO	pbl	80.0%	gy	qtz	88	co	1
72.3	83	Quartz veining in phyllite-silt sequence are generally <2cmthick and contain multiple iron-stained tension cracks parallel to vein boundaries. Several veins are axial planar to cink folding in So. Vein core angles are generally ~75TCA.	QZVN		2.0%	w			co	1
72.3	83	silt potion in phyllite (up to 15cm wide interbeds)	MT-SLT		18.0%	gy			co	1
72.3	83	originally black Phyllite with grey silt interbedding and red iron (hematite?) staining along bedding cleavages. Texture too fine-grained to determine exact composition. Silt interbeds are frequently up to 15cm in width. Gouge faulting and tension veining in lower half of unit [see structure table]. Foliated with flex/cink folding visible.	MT-Phy		80.0%	r			co	1
83	115.4	Quartz veining is predominantly narrow (<2cm thick) and sheeted as well as frequently concordant to alignment of chlorite matrix seams.	QZVN	frg	20.0%	w	qtz	80	br	2
83	115.4	Granule to pebble size Quartz Conglomerate with intense rust-staining, and a high degree of fracturing. Most competent with only rare fractures between 95.70-104 meters, which also coincides with sulfide mineralisation. Remainder of unit appears predominantly unmineralized. Possible scorodite mineralization from 92.8-95 meters. Has a developed of foliation in form of aligned wispy grey chlorite matrix seams that surround quartz and feldspar clasts. Foliation not persistent throughout entire unit and most strongly expressed in lower half of unit. Grainsize: 2-5mm Grainshape: subangular to subrounded Composition: 80% grey diffuse quartz; 20% pitted, altered feldspars Alteration of feldspars: white clay with subsequent iron-staining Related to conglomerate unit that follows below but separate due to marked difference in degree of fracturing.	MT-CO	frg	80.0%	gy			br	2

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	75	245	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
115.4	152.48	Quartz veining throughout rust-stained conglomerate is gennerally in form of narrow (<4cm thick) veinlets. [see structure table for detailed orientations] several broader, massive veins from ~139 meters downwards	QZVN		5.0%	w			co	1
115.4	152.48	granule to pebble size Quartz Conglomerate with a much higher degree of competence than previous conglomerate unit above Grainsize: 2-6mm; Grainshape: subangular locally grades into coarse grained sandstone over brief intervals clast size especially coares in lower part of unit from ~142 meters downwards whith aligned streching of quartz clasts and locally up to 2cm clast diameters. Composition: 85% quartz clasts; 14% altered feldspar clasts; 1% dark black, phyllite clasts feldspar is white clay altered and frequently iron-rust stained ~1% matrix in form of dark grey chlorite seams that surround clasts are that frequently run aligned at variable spacing (0.3-1cm); chlorite seams are frequently rust-stained and not always fully penetrative and not consistently prominent throughout entire unit. Lower contact with intensely scorodite mineralized zone.	MT-CO		95.0%	gy	qtz	85	co	1
152.48	168.7	Generally quartz veins in this unit are densely spaced, stockworked ad frequently have a boudinaged appearance with intersecting vein boundaries that do not allow generational distinction (diffuse). Intense scorodite mineralisation along vuggy vein fractures in form of mouldy, salad-green, friable coating. unit contains a brecciated quartz-scorodite-arsenopyrite-pyrite interval from 155.2-157.9m with quartz clasts up to 4cm in diamter surrounded by a dark grey metallic matrix [see structure interval]	QZVN	bx	30.0%	w			co	1
152.48	168.7	Intensely scorodite mineralized zon in coarse grained, light grey sandstone with only minor felspar portion. Both upper and lower contacts of unit are with conglomerate sequences. Narrow low core angle (~30TCA) gouge wedge mark both upper and lower contacts. Compostion: 90% grey, diffuse quartz clasts; 10% white, clay altered feldspare clasts Grainsize: 1-2mm Grainshape: subangular unit contains a brecciated quartz-scorodite-arsenopyrite-pyrite interval from 155.2-157.9m with quartz clasts up to 4cm in diamter surrounded by a dark grey metallic matrix [see structure interval] Generally quartz veins in this unit are densely spaced, stockworked ad frequently have a boudinaged appearance with intersecting vein boundaries that do not allow generational distinction (diffuse).	MT-SS	cgr	70.0%	gy			co	1
168.7	219	Quartz veining in turbidite sequence is predominantly narrow (<2cm thick) and of variable orientation. [see point structure table for localized vein trend in this ~50m long unit] frequent pyrite and galena vein mineralziation	QZVN		5.0%	w			br	1
168.7	219	Turbidite Sequence: black Phyllite conglomerate with interbedded phyllite and fine to coarse grained sandstone beds brown-orange rust-staining throughout foliation in phyllite is well expresses and poorly rexpressed in sandstone sequences conglomerate sequence shor frequent alignment of 0.2-1cm spaced rusty chlorite seams Lower contact bounds phyllite gouge fault. Texture of phyllite too fine-grained to determine exact composition. Pyllite occassionally as angular aligned, large wedges in sandstone beds.	MT-Phy		20.0%	n			br	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	75	245	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
168.7	219	Turbidite Sequence: fine to medium grained Sandstone conglomerate with interbedded phyllite and fine to coarse grained sandstone beds brown-orange rust-staining throughout foliation in phyllite is well expresses and poorly rexpressed in sandstone sequences conglomerate sequence shor frequent alignment of 0.2-1cm spaced rusty chlorite seams Lower contact bounds phyllite gouge fault. Sandsone grainsize ranges from 0.5-2mm. Generally not well foliation. Same composition as conglomerate unit.	MT-SS	mgr	25.0%	gy	qtz	84	br	1
168.7	219	Turbidite Sequence: Granule to Pebble Size Conglomerate conglomerate with interbedded phyllite and fine to coarse grained sandstone beds brown-orange rust-staining throughout foliation in phyllite is well expresses and poorly rexpressed in sandstone sequences conglomerate sequence shor frequent alignment of 0.2-1cm spaced rusty chlorite seams Lower contact bounds phyllite gouge fault. Conglomerate Composition: 84% grey quartz; 15% altered feldspar; 1% lithics (generally phyllite fragments) Grainsize: 2-6mm Grainshape: subangular feldspars have white clay alteration with rust-stained overprint	MT-CO		50.0%	gy	qtz	84	br	1
219	246.8	Rare phyllite interbeds in fault zone between 219.0-226.4 meters. Texture too fine grained to determine exact composition.	MT-Phy		1.0%	n			co	1
219	246.8	Occassional galena mineralization with faulted interval in quartz veining as well as in zone immediately beneath fault zone. [Fault Zone between 219.0-226.4 meters] Quartz veining generally <3cm thickness and ofvariable orienation. [see point structure table]	QZVN		10.0%	w			co	1
219	246.8	Turbidite Sequence with fault zone from 219.0-226.4 meters where sandstone predominates. Conglomerate predominates between 233.6 to 246.8 meteres. Conglomerate -- Grainsize: 1-2mm Conglomerate -- Composition: 85% grey quartz, 14% white clay altered feldspar; 1% black lithics (predominantly phyllite fragments) clay alteration in feldspar frequently overprinted by rust-staining Grainshape: subangular Conglomerate has dark grey chlorite matrix (~1%), which is fequently aligned at 2-6mm spacing around clasts forming a foliation fabric.	MT-CO		29.0%	gy	qtz	85	co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	245	306					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
219	246.8	Turbidite Sequence with fault zone from 219.0-226.4 meters where sandstone predominates. Conglomerate predominates between 233.6 to 246.8 meteres. Sandstone -- Grainsize: 1-2mm Sandstone -- Composition: 85% grey quartz, 15% white clay altered feldspar clay alteration in feldspar frequently overprinted by rust-staining Grainshape: subangular Faint foliation fabric locally discernible within sandstone. Lower contact of unit with very coarse grained conglomerate and upper bound of fault zone.	MT-SS	cgr	60.0%	gy	qtz	85	br	2
246.8	266	gouged, faulted phyllite wedges between 248.3-251.5 meters.	MT-Phy		2.0%	n			br	1
246.8	266	Quartz veining in conglomerate is generally narrow and frequently diffuse and occassionally sheared into ribbons. More massive up to 10cm thick veining near lower contact of unit. [see point structures for details]	QZVN		3.0%	w			cobr	1
246.8	266	foliated, predominantly pebble size quartz conglomerate with occasional stretching of quartz clasts and 1% grey chlorite matrix that runs as aligned seams surrounding clasts Grainsize: 0.5-1.4cm Grainshape: subangular to subrounded Composition: 88% grey quartz; 10% altered felspars; 2% black, lithic phyllite fragments Feldspars have white clay alteration until ~258.9 meters at the end of a brittle-ductile fault. After 258.9 meters feldspars have yellow-white-creme colour indicating iron carbonate alteration and also strengthened by the fact that rust-staining on fractures is absent. No stain available to determine with more certainty.	MT-CO	pbl	95.0%	gy		88	br	1
266	276.5	as gouged wedges at upper contact of unit	MT-Phy		1.0%	n			co	1
266	276.5	as diffuse broad vuggy zones	QZVN		5.0%	w			co	1
266	276.5	1-3cm clast diameter, strongly foliated quartz conglomerate with iron-carbonate altered feldspar clasts and abundant streched phyllite clasts. Quartz clast and occoassionally even feldspar clasts show stretching and are surrounded by aligned grey chlorite seams. Composition: 87% white-grey, stretched quartz; 10% buff-creme feldspar; 3% wedgelike, stretched, aligned, black phyllite clasts Lower contact with phyllite gouge zone and phyllite unit below.	MT-CO	fol	94.0%	gy	qtz	87	co	1
276.5	305.8	iron-carbonate altered quartz veinlets in phyllite unit: - high density of boudinaged quartz-iron-carbonate veining in phyllite below gouge zone between 279.2-282.5 meters. - veinlets in remainder of unit generally <1cm thick but occassionally broader up to 20cm thick veins - majority of unit has foliation discordant veinlets	QZVN		5.0%	w			co	1
276.5	305.8	black phyllite with grey silt interbedding -- folded and foliated texture is too fine grained to determine exact composition silt may occur as fairly wide interbeds (up to 0.5meter zones). Phyllite predominates until 286 meters.	MT-SLT		35.0%	gy			co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	75	245	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
276.5	305.8	black phyllite with grey silt interbedding -- folded and foliated texture is too fine grained to determine exact composition silt may occur as fairly wide interbeds (up to 0.5meter zones). Phyllite predominates until ~286meters	MT-Phy		60.0%	n			co	1
305.8	306	Quartz Conglomerate: 90% white quartz; 9% altered feldspar; 1% black lithics (phyllite clasts) ~3% dark grey chlorite matrix that surrounds clasts grainsize: 0.5-2cm grainshape: angular to subangular sharp, competent contact with phyllite above EOH @ 306 meters	MT-CO		100.0%	gy	qtz	90	co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
12	14	intensely rust and clay weather quartz-pebble-conglomerate	lim	4	perv	o
14	31.3	entire unit is iron-stained given brown hue to black phyllite unit and showing as bright-orange colour along fracture surfaces	lim	3	perv	o
31.3	72.3	pervasive rust-staining as partial rust stain patches on conglomerate and veining; along fracture surfaces; staining white clay alteration on feldspar clasts and in healed fracture seams in veins and rock matrix	lim	3	perv	o
31.3	72.3	clay alteration of fedlsapr clasts - frequently rust-tain overprinted	cy	2	smgr	w
35.2	35.3	prominent, penetrative, green chlorite patch in quartz veining	chl	4	vn	g
72.3	83	bright red iron-stained (hematized?) seams along phyllite foliation	hem	2	fol	r
72.3	83	pervasive rust-staining in phyllite	lim	3	perv	o
83	95.7	high degree of fragmentation: pervasive rust-staining and gritty rusty coating along fractures; also rust-staining in quartz veining	lim	4	perv	o
83	115.4	pitted, powdered, white clay alteration of feldspars in conglomerate (frequently overprinted by iron-staining)	cy	3	smgr	w
95.7	104	comre more competent and rust-staining renerally along vein boundaries and mechanically broken healed fracture seams	lim	2	frac	o
104	115.4	high degree of fragmentation: pervasive rust-staining and gritty rusty coating along fractures; also rust-staining in quartz veining	lim	4	perv	o
115.4	152.48	orange-brown rust-staining	lim	3	perv	o
115.4	152.48	white clay alteration of feldspars - frequently overprinted by rust-staining	cy	2	smgr	w
152.48	168.7	occassional rust stain patches along fractures, healed fractures and veining	lim	1	frac	o
152.48	168.7	white, powdered clay alteration of feldspar clasts	cy	2	smgr	w
152.48	168.7	scorodite-after-arsenopyrite alteration in vuggy quartz veining	sco	4	vn	g
155.4	152.48	powdered, white clay alteration of feldspars in conglomerate (frequently overprinted by iron-staining)	cy	2	smgr	w
155.4	152.48	pervasive rust-staining, overprinting clay-alteration in feldspars; as staining along foliation and in quartz veining; patchy-penetrative staining of rock matrix	lim	2	perv	o
168.7	219	white clay alteration of feldspar clasts	cy	2	smgr	w
168.7	219	pervasive rust-staining throughout entire unit; localized zones with high degree of fracturing and iron oxide fracture coating	lim	3	perv	o
177.6	180	intensely fractured interval with deep penetrative rust staining	lim	4	perv	o
185	186.95	intensely fractured interval with deep penetrative rust staining	lim	4	perv	o
219	246.8	white clay alteration of feldspar clasts (frequently overprinted by rust-staining)	cy	2	smgr	w
219	246.8	orange-brown rust coating along variable core angle fracture surfaces - occassionally coincident with very fine-grained pyrite mineralization	lim	2	frac	o
246.8	258.9	weakly developed rust-staining on fractures	lim	1	frac	o

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	245	306					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
246.8	257	white clay alteration of felspars	cy	2	smgr	w
257	276.5	yellow-crème-white iron-carbonate alteration of feldspar clasts	fecb	1	smgr	bf
276.5	283.6	buff-crème iron-carbonate alteration on predominantly foliation concordant quartz veining in phyllite	fecb	3	vn	bf
283.6	296.75	buff-crème iron carbonate alteration stain in quartz veinlets in phyllite-silt sequence	fecb	1	vn	bf
300.8	303.75	faint pervasive green hue in coarse graines sandstone	chl	1	perv	g
303.75	305.8	chlorite wedges in gouged zone with high intensity quartz veining	chl	4	vn	g

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
12	18.25	FZ	200.0%	BFZ	Friable, soft, rust-oxidized phyllite fragements. Softness may be in part due to meteoric weathering
21	23.5	FZ	300.0%	BFZ	oxidized clay gouge and friable fragments in phyllite unit
21	23.5	QZVN	200.0%	BFZ	several 4cm diameter, rust-staine quartz vein fragmets in brittle fault zone -- acoount for about 5% of fault material
28	31.3	FZ	300.0%	BFZ	softened, fragmented and partially gouged core in phyllite at lithological contact
53.7	54	FZ	200.0%	BFZ	softened, intensely rust-stained conglomerate fragementes -- surrounded by competent rock above and below
77.55	80.7	FZ	300.0%	BFZ	gouged, crushed and partially blocky phyllite interval
80.7	83	QZVN	400.0%	TVA	densely spaced, high core angle, vuggy, parallel quartz veinlets below fault gouge in phyllite unit
155.2	157.9	SZ	400.0%	bx	brecciated qurtz clasts in ~10% dark grey, metallic matrix that consists of very fine grain pyrite and (predominantly) arsenopyrite; also green vuggy scorodiate intermittantly along healed fractures
195.15	201.55	FZ	200.0%	BFZ	hight degree of fragmentation with several softend, friable, gouged zones and repated rust-stained 10-40TCA fracture surfaces
207	209.4	FZ	100.0%	BFZ	possible fault zone with very low recovery: intensely fractured (poorly) interval with rust-coating along rough, low core angle fracture surfaces
219	219.5	FZ	400.0%	BFZ	dark grey, soft, plastic, partially rust-stained gouge with good recovery
219.5	226.7	FZ	200.0%	BFZ	partially broken and blocky with rannow phyllite gouge wedges and partially softed sandy clay coated fragmets; rust-staining along 30-45TCA rough fracture srufaces -- both phyllite and sand lithology
232.3	233.6	FZ	200.0%	BFZ	crushed fragments and rust-stained fractures -- marks change to predominantly granule-pebble clast size
248.3	253.3	FZ	300.0%	BFZ	intense fragmentation and softened crush in interval with foliated conglomerate and phyllite wedge interbes
257.4	258.9	FZ	300.0%	DBSZ	crushed softnened fragments in brittle fault zone in conglomerate. Weakly sheared - fragments show alignment of chlorite seams and stretched quartz clasts --- several galena blebs in quartz ribbons [brittle-ductile shearing of quartz veining]
275.84	279.2	FZ	400.0%	BFZ	brittle fault zone across lithological contact between very coarse grained conglomerate and foled phyllite unit - gouged and fragmented - with high intensity of quartz-iron-carbonate veining in phyllite portion of fault zone.
279.2	282.5	QZVN	300.0%	BFZ	high density of boudinaged quartz-iron-carbonate veining in phyllite below gouge zone
292	293.2	FZ	100.0%	BFZ	partially softend rock, fragmentation and gouge seams along contacts of interval
296.8	300	FZ	300.0%	bx	Sheared gouged phyllite-sitl breccia. Angular softened fragments surronded by aligned black phyllite chlorite seams at beginning of interval. Remaineder of interval loosely fragmented.
303.75	305.8	FZ	200.0%	DBSZ	softend with partial gouging high degree of aligned, green chlorite wedges and boudinated quartz veining with phyllite inclusions [soft deformation]

Mineralisation

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	245	306					

From:	To:	Comments	Mineral	Percent	Distribution
57.95	58	pyrite mineralization in vugs of low core angle quartz veining in rust-stained QPC unit	py	0.5	vn
92.4	95	possible scorodite mineralization as coating in vuggy vein fractures (greenish-yellow aggregate)	sco	0.2	vn
98.3	98.4	disseminated arsenopyrite in quartz veining	asp	0.2	vn
98.4	98.5	galena bleb in vein that undulates parallel to core axis	gn	1	vn
99.8	101.62	disseminated sulfides in wallrock of diffuse quartz veining	py	0.1	vn
99.8	101.62	disseminated sulfides in wallrock of diffuse quartz veining	asp	0.1	vn
155.2	168.7	intensely quartz veined interval with green, friable scorodite mineralization in vugs and as vein fracture coating (mouldy yellow salad green colour)	sco	1	vn
155.2	157.9	brecciated qurtz clasts in ~10% dark grey, metallic matrix that consists of very fine grain pyrite and (predominantly) arsenopyrite; also green vuggy scorodiate intermittantly along healed fractures	asp	6	diss
155.2	157.9	brecciated qurtz clasts in ~10% dark grey, metallic matrix that consists of very fine grain pyrite and (predominantly) arsenopyrite; also green vuggy scorodiate intermittantly along healed fractures	py	4	diss
155.2	157.9	brecciated qurtz clasts in ~10% dark grey, metallic matrix that consists of very fine grain pyrite and (predominantly) arsenopyrite; also green vuggy scorodiate intermittantly along healed fractures	sco	1	vn
155.2	157.9	blue-green, powdered precipitate accomplanying scorodite mineralisation in sheared quartz breccia with sulfide matrix	chry	0.2	diss
202.9	202.92	galena bleb in low core angle quartz veinlet in coarse grained sandstone	gn	5	vn
214.7	215.3	very fine-grained disseminated pyrite along undulated low core angle, rust-stained fracture surface	py	0.1	frac
216	219	several pyrite stringers in quart veining - frequently at 60TCA	py	0.5	vn
216	219	massive galena blebs in variable core angle quartz veinlets [see point structures]	gn	0.5	vn
217.6	217.7	massive pyrite stringer with galena and possibly fine grained arsenopyrite in 30TCA quartz veinlet in coarse grained sandstone/granule size conglomerate	asp	1	vn
217.6	217.7	massive pyrite stringer with galena and possibly fine grained arsenopyrite in 30TCA quartz veinlet in coarse grained sandstone/granule size conglomerate	py	15	vn
217.6	217.7	massive pyrite stringer with galena and possibly fine grained arsenopyrite in 30TCA quartz veinlet in coarse grained sandstone/granule size conglomerate	gn	5	vn
219	233.6	fine-grained pyrite mineralization in quartz veining and along rust-stained fracture surfaces in interval of faulting and high degree of fragmentation	py	0.1	vn
224	226.7	fine-grained dissemnated pyrite in fragmented, vuggy, low core angle quartz veinlets	py	0.1	vn
226.7	233.6	occassional pyrite blebs in quartz veining in coarse grained sandstone interval	py	0.1	vn
234.25	234.26	unknown black, orthorhombic (?), metallic mineral with hardness ~5.5 and brown-red strak in low core angle quartz seam [sample taken by Shaunagh)	umm	1	vn
236	246.8	fine-grained disseminated pyrite in quartz veining	py	0.2	vn
236.75	236.76	chalcopyrite bleb in 65TCA quartz vein	cpy	1	vn
243.4	243.42	galena seam in veinlet that is part of sheeted 55TCA vein pattern	gn	1	vn
255.5	258.9	repeated galena blebs in quartz veining [see point structures for orienations]	gn	0.1	vn
255.62	255.7	galena-chalcopyrite bleb in vuggy, boudinaged low core angle quartz veinlet	cpy	1	vn
276.5	305.8	trace fine-grained disseminated pyrite in quartz veinlets in phyllite	py	0.1	vn
294.4	294.6	pyrite clusters in densely spaced veinlets at 30/345	py	5	vn

Point Structure

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-023 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 245 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
18.9	Bedding		So			90			compositional bedding cleavage in phyllite
19	Bedding		So			40			compositional 20 cleavage in phyllite [possibly displaced fragment?]
20	Bedding		So			60			compositional bedding cleavage in phyllite (measured in fragment with silt lamellae]
25.3	Bedding		So			60			compositional bedding cleavage in phyllite
29.45	Veins			lim		40			vein orientation in rust-stained conglomerate
29.7	Joints				Gouge	65			3cm gouge wedge along ~60TCA as part of broad fault zone [see structure interval]
30	Bedding		So			60			compositional bedding cleavage in phyllite fragment
33.3	Veins			lim	SHTV	50			repeated vein orienation in rust-stained QPC unit
33.3	Veins			lim	SHTV	40			reapeated vein oreintation in rust-stained QPC unit
36.2	Veins			lim	SHTV	40			repeated vein orienation in rust-stained QPC unit
36.2	Veins			lim	SHTV	20			occassionally repeated vein orienation in rust-stained QPC unit
39	Veins			lim	SHTV	40			repeated vein orienation in rust-stained QPC unit
40.9	Veins			lim		20	330		vein orienation in rust-stained QPC unit
42.4	Veins			lim		35	182		~10cm thick quartz vein in rust-stained QPC unit
43.5	Bedding		So			50	285		alignment of chlorite matrix seams surrounding clasts in QPC unit
45.8	Veins			lim	SHTV	60			repeated, thin quartz veinlets
45.8	Cleavage		Sx			60			chlorite seams surrounding QPC clasts aligned with sheeted veinlets
48.4	Veins			lim	SHTV	40			repeated vein orienation in rust-stained QPC unit
48.4	Veins			lim		18			early vein orienation in rust-stained QPC unit
49.2	Cleavage		Sx			60			alignment of chlorite matrix seams surrounding clasts in QPC unit
51	Veins			lim		65			~20cm rust-stained vein in QPC unit
54.4	Veins			lim	SHTV	45			repeated vein orienation in rust-stained QPC unit
57.7	Veins			lim	SHTV	45			repeated vein orienation in rust-stained QPC unit
57.95	Veins			py	SHTV	15			pyrite mineralization in vugs of low core angle quartz veining in rust-stained QPC unit
59.4	Veins				SHTV				high inensity of broad up to 0.5 meter thick, rust-stained quartz veins [contacts of broad, massive quartz veins are fragmented]
64.5	Veins					45	100		repeated veinlet orienation in rust-stained conglomerate
65.52	Veins					35	120		repeated veinlet orienation in rust-stained conglomerate
66.5	Veins					70			massive ~0.5m thick, rust-stained quartz vein
67.6	Veins			lim		20			undulated, iron-stained quartzvein over ~80cm interval
70	Bedding		So			80			compositional bedding cleavage in phyllite-silt sequence
70.4	Veins			lim	FOL	70			iron-stained, phyllite bedding concordant, massive, 0.5m thick quartz vein with dark grey chlorite-phyllite wedges
71	Veins			lim	FOL	70			multiple, parallel quartz veins that concordant to phyllite bedding cleavage and reach prtially into conglomerate
73.7	Bedding		So			80			compositional bedding cleavage in iron-stained phyllite
74.1	Axial Plane		Fx			80			in tight cink folding in phyllite
74.2	Faults				AXP	80			6cm thick sandy clay wedge in competent phyllite - parallel to axial planes of cink folding in phyllite
74.6	Axial Plane		Fx			80			cink folding in iron-stained phyllite
74.6	Veins				AXP	80			multiple axial planar parallel, ~1cm thick quartz veinlets

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-023 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 245 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
74.7	Bedding		So			55			compositional bedding cleavage in iron-stained phyllite
75.4	Bedding		So			50			compositional bedding cleavage
76.8	Cleavage		S1			70			fabric clearly discernible; acute intersection angle of S1 and So: 25 degrees
76.8	Bedding		So			48			compositional bedding cleavage
77.9	Bedding		So			65			compositional bedding plane in phyllite
78	Bedding		So			80			compositional bedding plane in phyllite
81	Bedding		So			75			compositional bedding plane in phyllite
81	Veins				FOL	75			densely spaced, ~1cm thick quartz veinlets in phyllite (concordant to So) below gouged fault zone
84.5	Veins			lim		60			8cm thick, rust-stained quartz vein in fragmented conglomerate unit
84.6	Veins			lim		50			40cm thick, rust-stained quartz vein in fragmented conglomerate unit
85.5	Bedding		So	lim		60			bedding foliation in narrow, fragmented phyllite interbed
86	Veins			lim	SHTV	30			repeated, parallel ~2cm thick quartz veining in rust-stained conglomerate
93.4	Veins			sco		25			greenish-yellow aggregate as coating in vuggy vein fractures
93.4	Veins			sco	Veinlets	18			broken, vuggy veinlets with possiblly (mouldy, yellow-green) scorodite coating
93.5	Veins			sco	Veinlets	18			possibly scorodite bearing vuggy seam
96.5	Cleavage		Sx	lim		60			repeated aligned, rusty seams in conglomerate
98.3	Veins			asp		40			aresenopyrite bearing vein orientation in conglomerate
98.4	Veins			gn		5			undulated vuggy (~2cm thick) galena bearing vein orienation in rusty, fragmented conglomerate
99	Veins				SHTV	45			repeated veinlet orienation in rusty conglomerate
99.5	Cleavage		Sx	chl		60			alignment of chlorite seams in rusty conglomerate
102.3	Cleavage		Sx			60			alignment of chlorite seams in rusty conglomerate
103.7	Veins				SHTV	55			repeated veinlet orienation in rusty conglomerate
104.5	Cleavage		Sx	chl		65			alignment of rusty chlorite seams in conglomerate
109.2	Cleavage		Sx			65			alignment at 4mm spacing in rusty conglomerate
109.4	Veins				TVA	28			"branches" of tension veins in shear veinlet
109.4	Veins				SZB	50			"branching" tension vein shear veinlet: "Shear Zone Boundary"
110	Cleavage		Sx			68			alignment at 4mm spacing in rusty conglomerate
110	Veins		V1		FOL	68			foliation concordatn veinlet orienation
110.1	Veins		V2			50			veinlets orienation in rusty conglomerate; off-sets V1; acute intersection angle of V2 with So ~55 degrees
111	Veins		V1		Veinlets	50			repeated vein orienation in rusty conglomerte
111	Veins		V2		Veinlets	30			vein orienation that cross-cuts V1
113.2	Cleavage		Sx			55			rusty chlorite seams aligned at ~0.5cm spacing
115.5	Cleavage		Sx			55			rusty chlorite seams aligned at ~1cm spacing
116	Veins				Veinlets	15			folded vein orientation in rusty conglomerate
117	Cleavage		Sx			50			rusty chlorite seams aligned at ~0.5cm spacing
118.6	Cleavage		Sx			50			rusty chlorite seams aligned at ~0.5cm spacing
120.6	Veins				SHTV	30			repeated veinlet orienation in rusty conglomerarte actue intersection angle of veinlets and rusty chlorite seam foliation: ~30degrees
120.6	Cleavage		Sx			55			rusty chlorite seams aligned at ~0.5cm spacing

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-023 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 245 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
121.57	Veins			lim	SHTV	52			~3cm thick, rust-stained quartz vein in rust-staned conglomerate-sandsonte sequence; severl parallel veinlets
122.05	Veins			lim		55			~30cm thick rust-stained quartz vein with wedgelike black phyllite inclusions
122.5	Veins			lim		0			1cm thick, rust-stained veinlet that undulated subparallel to core axis
122.5	Veins			lim		30	210		vein orientation in rusty, foliated conglomerate
122.5	Cleavage		Sx	lim		60	200		alignment of wispy, partially penetrative, rusty chlorite seams at 0.5cm spacing in conglomerate
124.66	Axial Plane		Fx	fecb		30			flex-folded, intensely vuggy, 3cm thick quartz veinlet with axial plane of flexfolding concordant to foliation in conglomerate foliation; acute intersection angle between vein trend and foliation: ~70 degrees
124.66	Veins			fecb		30			flex-folded, intensely vuggy, 3cm thick quartz veinlet with axial plane of flexfolding concordant to foliation in conglomerate foliation; acute intersection angle between vein trend and foliation: ~70 degrees
124.8	Cleavage		Sx	lim		55			alignment of wispy, partially penetrative, rusty chlorite seams at 0.5cm spacing in conglomerate
126.5	Cleavage		Sx	lim		65			alignment of wispy, partially penetrative, rusty chlorite seams at 1cm spacing in conglomerate
126.5	Veins			lim	FOL	65			closely spaced, rust-stained, tension-cracked, ~2cm thick quartz veinlets
129.7	Cleavage		Sx			65	170		alignment of wispy, partially penetrative, rusty chlorite seams at 0.3cm spacing in conglomerate
130	Cleavage		Sx			65	160		alignment of wispy, partially penetrative, rusty chlorite seams at 0.3cm spacing in conglomerate
130	Veins				SHTV	45	145		repeated vein orienatation in rust-stained conglomerate
130.6	Veins				SHTV	65	190		repeated vein orienatation in rust-stained conglomerate
134	Cleavage		Sx			65	170		alignment of rusty hlorite seams at ~0.5-1cm spacing in rust-stained, granule size conglomerate sequence
135.4	Veins					20	160		rust-stained and tension cracked vein orientation
136.09	Veins			chl	Gouge	50	160		1cm thic gouge seam with green chlorite (?) wedges
136.6	Bedding		So			55			bedding chleavage in narrow interbedded phyllite wedge
138.35	Contact					70			conglomerate above, coarse grained sandstone below - sandstone bed ~1m long with intense stockworking of quartz veinlets
138.35	Veins				STWK				~ 1m long zone of intensely stockworked quartz veinlets in coarse grained sandstone interbed in rusty conglomerate
139.76	Veins				bx matrix	70			~5cm thick quartz vein with brecciated texture
140	Cleavage		Sx			65			alignment of wispy grey chlorite seams in conglomerate
143	Cleavage		Sx			70			streched alignment of up to 3cm diameter quartz clasts in rust-stained conglomerate
144	Veins				SHTV	55			foliation conocordant, repeated vein orienation in rust-stained conglomerate
147	Contact				FOL	50			repeated 2-6cm thick, interbedded phyllite wedges with contacts with conglomerate concordant to phyllite foliation
147.85	Veins				Gouge	65	240		upper, gouge coated contact of 10cm thick, rust-stained quartz vein with phyllite wedge inclusions
148.5	Veins					30	10		upper contact of 40cm thick quartz vein with alignment of chlorite and phyllite seams along upper contact within quartz vein
148.8	Contact				FOL	50	130		lower contact of 40cm thick quartz vein and upper contact of black phyllite wedge concordant to phyllite bedding cleavage
149	Cleavage		Sx			55	190		alignment of chlorite seams at ~0.5cm spacing in rust-stained conglomerate
149.7	Cleavage		Sx			50	192		alignment of wispy chlorite seams

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-023 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 245 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
150.27	Veins					70	200		vein oreination in rust-stained conglomerate
152.55	Faults				Gouge	30			Quartz veinlet concordate to 3cm thick grey gouge seam at lithlogical contact between rust-stained conglomerate above and sheared quartz breccia with arsonpyrite matrix below; marks the beginning of scorodite mineralized zone
152.92	Bedding		So			60	285		phyllite wedges in rust-stained conglomerate
155.2	Veins			sco	Veinlets	35	220		scorodite vein tended in quartz breccia with sulfide matrix
155.32	Joints			sco	Veinlets	15	320		scorodite bearing fracture orientation in sheared quartz breccia with arsenopyite matrix
155.7	Joints			sch	Veinlets	30	225		scorodite bearing fracture orientation in brecciated quartz veining
155.7	Joints			sco	Veinlets	10	225		scorodite bearing fracture orientation in brecciated quartz veining
156	Cleavage		Ssh	asp	bx matrix	40	285		foliation fabric in sheared quartz breccia with arsenopyrite matrix and scorodite mineralisation
158	Veins				Veinlets	80			repeated orientation of diffuse, <1cm thick quartz veinlet in coarse grained sandstone with variable vein orienations
160	Veins				Veinlets	40			repeated orientation of diffuse, <1cm thick quartz veinlet in coarse grained sandstone with variable vein orienations
162	Veins			sco	SHTV	60	160		repeated scorodite mineralized vein orientation in coarse grained sandstone densely spaced veining
162.6	Veins			sco	SHTV	35	225		repeated scorodite mineralized vein orientation in coarse grained sandstone densely spaced veining
164.8	Joints			sco		12	45		scorodite mineralized fracture orientation
167	Joints			sco		25			scorodite mineralized fracture orientation
168.5	Faults			sco	Gouge	30			1cm thick, phyllite goug seams with fine-grained pyrite and wedgelike scorodite mineralization
170.3	Veins				Veinlets	45			multiple, densely spaced thin parallel quartz veinlets
172.4	Veins				Veinlets	60	330		flex-folded veins in quartz conglomerate
173.1	Veins				Veinlets	70	170		closely spaced group of quartz veinlets in conglomerate
174.8	Veins				Veinlets	30			closely spaced group of quartz veinlets in conglomerate
177	Veins				STWK	10			densely spaced group of stockworked veinlets in coarse grained sandstone
177	Veins				STWK	80			densely spaced group of stockworked veinlets in coarse grained sandstone
177.6	Joints			lim		30			fracture orientation in intensely fractured interval with deep penetrative rust staining
179.2	Bedding		So			50			alignment of matrix medium grained sandstone
181	Bedding		So			45	315		bedding cleavage in fine grained sand/silt sequence
181	Cleavage		S1			60	310		well expressed fabric
181.2	Veins				FOL	50	310		densely spaced veinlets in phyllite (partially folded veinlets)
182.9	Bedding		So			60	320		alignment of chlorite seams in sandstone
182.9	Veins					80	315		densely spaced veinlets in medium grained sandstone
184	Cleavage		Sx			75			densely spaced angular phyllite wedges in sandstone with high core angle alignment
185.4	Joints					30			intensely fractured interval with deep penetrative rust staining
188	Bedding		So			80			bedding cleavage in phyllite-silt interbed
189.4	Cleavage		Sx			55			alignment of chlorite seams in quartz conglomerate
190	Veins				Veinlets	25	145		repeated vein orientation in quartz conglomerate
192	Cleavage		Sx			60	300		alignment of chlorite seams in quartz conglomerate

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
192.4	Veins				Veinlets	25	160		repeated vein orientation in quartz conglomerate
198	Veins				Veinlets	35			densely spaced group of quartz veining
198.4	Bedding		So			65			bedding cleavage in phyllite interbed
200	Bedding		So			60			bedding cleavage in phyllite interbed
202.9	Veins			gn		30			galena bleb in 1cm thick quartz veinlet in coarse grained sandstone
203.5	Veins				Veinlets	50	80		repeated vuggy quartz seam orientation in conglomerate
207	Joints			lim		10			intensely fractured (poorly) interval with rust-coating along rough, low core angle fracture surfaces
211.3	Faults				Gouge	70			multiple softened wedges in phyllite interbed concordant to compositional beding cleavage
211.6	Bedding		So			70			compositional bedding cleavage in phyllite interbed
214.7	Cleavage		Sx		Veinlets	50			alignment of quartz clasts and ribboned, semi-penetrative veinlets in conglomerate-sand sequence
216	Veins				SHTV	65			repeated vein orienation in conglomerate
217.6	Veins			gn		30			veinlet with massive pyrite, galena and arsenopyrite mineralization
218	Veins			gn	SHTV	60			repeated (frequently sulfide mineralized) vein orienation in conglomerate/sandstone - concordant to matrix alignment
218.3	Veins			gn	FOL	60			galena blebs in vuggy quartz veinlet
218.4	Cleavage		Sx			60			alignment of quartz ribbons and chlorite seams in matrix
219	Faults				Gouge	60			50cm long, soft, plastic gouge fault with upper contact concordant to matrix alignment in conglomerate above
221.3	Cleavage		Sx			50			alignment of conglomerate matrx in form of wispy chlorite seams
222	Faults				FOL	80			softened gouge core in phyllite interbed concordant to bedding cleavage
222.1	Bedding		So		Gouge	80			compositional bedding cleavage in gouged phyllite interbed
224.8	Veins			py		40			disseminated pyrite in wall rock of vuggy quartz veinlet
226.5	Faults				Gouge	50			gouge wedge in phyllite interbed
226.7	Bedding		So			80			compositional bedding cleavage in silt-sand interbed
226.7	Veins				FOL	80			multiple, densely spaced, bedding cleavage concordant quartz veinlets at lower contact of fault zone
227.6	Veins				FOL	45	220		repeated foliation concordant quartz veinlets
227.7	Cleavage		Sx			45	220		alignmente of chlorite seams in sandstone
230.1	Veins			gn					galena bleb in non-penetrative quartz boudin possibly in combinateion with scorodite as greenish-yellow deposit in surrounding healed fracture seams
231	Veins			gn		10			galena bleb in low core angle quartz seam
231.4	Veins				SHTV	65			repeated quartz vein orientation in sandstone
231.7	Cleavage		Sx			50			alignment of chlorite seams in sandstone
233.9	Veins				Veinlets	30			repeated veinlet orienation in conglomerate
234.25	Veins			Umm		10			unknown black, orthorhombic (?), metallic mineral with hardness ~5.5 and brown-red strak in low core angle quartz seam [sample taken by Shaunagh) sometimes with blue, iridiscent coating
234.25	Veins			gn		10			galena together with unknown black, metallic mineral in 10TCA quartz seam
236	Cleavage		Sx			55			alignment of chlorite seams in conglomerate
236.3	Veins		py		SHTV	50	305		weakly pyrite mineralized densely spaced, parallel quartz veinlets
236.4	Cleavage		Sx			50	305		alignment wispy chlorite seams at ~4mm spacing in conglomerate

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
236.75	Veins			py		65	270		pyrite bleb in 65TCA quartz vein
242.7	Cleavage		Sx			55	315		alignment wispy chlorite seams at ~6mm spacing in conglomerate
243.4	Veins			gn	FOL	55			galena seam in veinlet that is part of sheeted 55TCA vein pattern
243.4	Veins				SHTV	55			repeated, foliation concordant veinlet orienation in granule size conglomerate
243.5	Cleavage		Sx			55			alignment of chlorite seams in granule size conglomerate
245.5	Joints			lim		15			coarse, blocky fracturing along undulated, rust-stained low core angle fractres
247	Cleavage		Ssh			60			alignment of chlorite seams and stretching of quartz clasts in conglomerate
247	Veins				FOL	60			frequent foliation concordant quartz veining [low grade shearing]
248.3	Faults				Gouge	25			phyllite gouge wedg along curved low core angle surface
249	Cleavage		Ssh			65	80		alignmet of chlorite seams in conglomerate matrix
255.6	Veins			cpy		10			chalcopyrite and galena mineralized, boudinaged, diffuse, vuggy quartz veinlet
258.5	Cleavage		Ssh		Veinlets	60			sheared quartz ribbons with galena blebs surrounded by chlorite seams -- brief interval with absence of feldspars
258.5	Veins				FOL	60			sheared quartz ribbons with galena blebs
260.5	Cleavage		Sx			60			alignmet of chlorite seams and wispy phyllite clasts in conglomerate
260.5	Veins				FOL	60			repeated foliation concordant quartz veinlets in conglomerate
264	Cleavage		Sx			75	20		alignment in conglomerate matrix
266	Cleavage		Sx			88			stretching of quartz clasts in conglomerate matrix -- also prominent, elongated and aligned phyllite wedges
266.2	Faults				FOL	88			gouged phyllite wedge concordant to phyllite bedding cleavage
267.2	Cleavage		Sx			65			alignment and stretching of quartz and feldspar clasts as well as interbedded phyllite bands
269.5	Veins				FOL	70			diffuse semi-massive quart wedges concordant to observed foliation
270	Cleavage		Sx			70			aligned chlorite seams and streched, aligned phyllite clasts in 2cm clast diameter quartz conglomerate
272.6	Cleavage		Sx			60	155		aligned chlorite seams and streched, aligned phyllite clasts in 2cm clast diameter quartz conglomerate
276.5	Contact				Gouge	75			contact between conglomerat (above) and phyllite below in form of gouged phyllite concordant to phyllite bedding cleavage
278	Bedding		So			70			compositional bedding cleavage in phyllite
279.3	Bedding		So			70			compositional bedding cleavage in silt interbed
280	Bedding		So			70			compositional bedding cleavage
281.5	Veins				FOL	65			quartz veining concordant to compositional bedding cleavage
283.2	Bedding		So			70	330		compositional bedding cleavage
284	Axial Plane		Fx			85	270		multiple cink folding
284.4	Veins				Veinlets	35	250		veinlet orienation in phyllite
285.3	Bedding		So			45	140		compositional bedding cleavage
287.2	Bedding		So			70			compositional bedding cleavage
287.6	Faults				Gouge	30			upper fault contact
287.75	Faults				Gouge	60	175		lower fault contact
287.85	Axial Plane		Fx			70	260		mulitiple cink folding
288.5	Cleavage		S1			70	250		clearly developed fabric
288.5	Axial Plane					70	250		mulitple 4cm amplitude fold profiles

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Plunge:	Azimuth:	EOH:					
75	245	306					

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
288.8	Veins			py		60	60		15cm thick quartz vein in phyllite with very fine-grained pyrite mineralization
290.6	Axial Plane		Fx			60	280		mulitple cink folding
291.7	Bedding		So			60	340		compositional bedding cleavage in silt
293.2	Faults				Gouge	70			lower contact of fault zone between 292-293.2 meters
294	Bedding		So			10	120		compositional bedding cleavage
294	Axial Plane					55	280		mulitple low amplitude fold profiles
294.4	Veins			py	Veinlets	30	345		pyrite cluster mineralized quartz veinlets
295.7	Bedding		So			30	280		compositional bedding cleavage
296.8	Faults		Ssh		bx matrix	45			gouged breccia with foliation fabric
300	Bedding		So			55			compositional bedding cleavage in phyllite
300.8	Contact				Gouge	80	40		upper contact of chloritized, coarse grained sandstone interbed
301.1	Veins				FOL	40	295		repated vein orientation in chloritizedsandstone interbed
302.2	Bedding		So			65	265		compositional bedding cleavage
303.75	Contact				FOL	55	280		lower contact of chloritized, coarse grained sandstone interbed; concordant to phyllite foliation below
305.5	Bedding		So			45	285		compositional bedding cleavage
305.8	Contact				FOL	45	280		contact between phyllite (above) and conglomerate (below) - hard and competent + concordant to phyllite bedding cleavage
305.9	Veins					15	70		vein orienation in conglomerate

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30434	12	14	2011	DUP	Q-Split	
30433	12	14	2011	STND	CDN-GS-8B	
30432	12	14	2011	Expl Geochem	H-split	MT-CO
30435	14	16	2011	Expl Geochem	H-split	MT-Phy
30436	16	18	2011	Expl Geochem	H-split	MT-Phy
30437	18	20	2011	Expl Geochem	H-split	MT-Phy
30438	20	21	2011	Expl Geochem	H-split	MT-Phy
30439	21	23.5	2011	Expl Geochem	H-split	MT-Phy
30440	23.5	25.5	2011	Expl Geochem	H-split	MT-Phy
30441	25.5	26.5	2011	Expl Geochem	H-split	MT-Phy
30442	26.5	28	2011	Expl Geochem	H-split	MT-Phy
30443	28	30	2011	Expl Geochem	H-split	MT-Phy
30444	30	31.3	2011	Expl Geochem	H-split	MT-Phy
30445	31.3	33	2011	Expl Geochem	H-split	MT-CO
30446	33	35	2011	Expl Geochem	H-split	MT-CO
30447	35	37	2011	Expl Geochem	H-split	MT-CO
30448	37	39	2011	Expl Geochem	H-split	MT-CO
30449	39	41	2011	Expl Geochem	H-split	MT-CO

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30450	41	43	2011	Expl Geochem	H-split	MT-CO
30451	43	45	2011	Expl Geochem	H-split	MT-CO
30452	45	47	2011	Expl Geochem	H-split	MT-CO
30453	47	49	2011	Expl Geochem	H-split	MT-CO
30454	49	51	2011	Expl Geochem	H-split	MT-CO
30455	51	53	2011	Expl Geochem	H-split	MT-CO
30456	53	55	2011	Expl Geochem	H-split	MT-CO
30457	55	57	2011	Expl Geochem	H-split	MT-CO
30458	57	59	2011	Expl Geochem	H-split	MT-CO
30459	59	60.6	2011	Expl Geochem	H-split	MT-CO
30460	60.6	62.2	2011	Expl Geochem	H-split	MT-CO
30461	62.2	64	2011	Expl Geochem	H-split	MT-CO
30462	64	65.14	2011	Expl Geochem	H-split	QZVN
30463	65.14	66.5	2011	Expl Geochem	H-split	MT-CO
30464	66.5	67.22	2011	Expl Geochem	H-split	QZVN
30465	67.22	69	2011	Expl Geochem	H-split	QZVN
30466	69	70.4	2011	Expl Geochem	H-split	MT-Phy
30467	70.4	72.3	2011	Expl Geochem	H-split	QZVN
30469	72.3	74	2011	DUP	Q-Split	
30468	72.3	74	2011	Expl Geochem	H-split	MT-Phy
30470	72.3	74	2011	Blank	LWS_2011	
30471	74	76	2011	Expl Geochem	H-split	MT-Phy
30472	76	78	2011	Expl Geochem	H-split	MT-Phy
30473	78	80.7	2011	Expl Geochem	H-split	MT-Phy
30474	80.7	83	2011	Expl Geochem	H-split	MT-Phy
30475	83	85	2011	Expl Geochem	H-split	MT-Phy
30476	85	87	2011	Expl Geochem	H-split	MT-CO
30477	87	89	2011	Expl Geochem	H-split	MT-CO
30478	89	91	2011	Expl Geochem	H-split	MT-CO
30479	91	92.4	2011	Expl Geochem	H-split	MT-CO
32521	92.4	93.5	2011	Expl Geochem	H-split	MT-CO.frg
32522	93.5	95	2011	Expl Geochem	H-split	MT-CO.frg
32523	95	96	2011	Expl Geochem	H-split	MT-CO.frg
32524	96	97	2011	Expl Geochem	H-split	MT-CO.frg
32525	97	98	2011	Expl Geochem	H-split	MT-CO.frg
32526	98	99	2011	Expl Geochem	H-split	MT-CO.frg
32527	99	100	2011	Expl Geochem	H-split	MT-CO.frg
32528	100	101	2011	Expl Geochem	H-split	MT-CO.frg
32529	101	102	2011	Expl Geochem	H-split	MT-CO.frg

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30480	102	104	2011	Expl Geochem	H-split	MT-CO
30481	104	106	2011	Expl Geochem	H-split	MT-CO
30482	106	108	2011	Expl Geochem	H-split	MT-CO
30483	108	110	2011	Expl Geochem	H-split	MT-CO
30484	110	112	2011	Expl Geochem	H-split	MT-CO
30485	112	114	2011	Expl Geochem	H-split	MT-CO
30486	114	115.4	2011	Expl Geochem	H-split	MT-CO
30487	115.4	117	2011	Expl Geochem	H-split	MT-CO
30488	117	119	2011	Expl Geochem	H-split	MT-CO
30489	119	121	2011	Expl Geochem	H-split	MT-CO
30490	121	123	2011	Expl Geochem	H-split	MT-CO
30491	123	125	2011	Expl Geochem	H-split	MT-CO
30492	125	127	2011	Expl Geochem	H-split	MT-CO
30493	127	129	2011	Expl Geochem	H-split	MT-CO
30494	129	131	2011	Expl Geochem	H-split	MT-CO
30495	131	133	2011	Expl Geochem	H-split	MT-CO
30496	133	135	2011	Expl Geochem	H-split	MT-CO
30497	135	137	2011	Expl Geochem	H-split	MT-CO
30498	137	139	2011	Expl Geochem	H-split	MT-CO
30499	139	141	2011	Expl Geochem	H-split	MT-CO
30500	141	143	2011	Expl Geochem	H-split	MT-CO
30501	143	145	2011	Expl Geochem	H-split	MT-CO
30502	145	147	2011	Expl Geochem	H-split	MT-CO
30503	147	149	2011	Expl Geochem	H-split	MT-CO
30506	149	151	2011	DUP	Q-Split	
30505	149	151	2011	STND	CDN-GS-8B	
30504	149	151	2011	Expl Geochem	H-split	MT-CO
30507	151	152.48	2011	Expl Geochem	H-split	MT-CO
32503	152.48	155.2	2011	Expl Geochem	H-split	MT-SS.cgr
32504	155.2	156.4	2011	Expl Geochem	H-split	QZVN.bx
32505	156.4	157.9	2011	Expl Geochem	H-split	QZVN.bx
32508	157.9	159	2011	DUP	Q-Split	MT-SS.cgr
32507	157.9	159	2011	STND	CDN-GS-8B	MT-SS.cgr
32506	157.9	159	2011	Expl Geochem	H-split	MT-SS.cgr
32509	159	160	2011	Expl Geochem	H-split	MT-SS.cgr
32510	160	161	2011	Expl Geochem	H-split	MT-SS.cgr
32511	161	162	2011	Expl Geochem	H-split	MT-SS.cgr
32512	162	163	2011	Expl Geochem	H-split	MT-SS.cgr
32513	163	164	2011	Expl Geochem	H-split	MT-SS.cgr

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32514	164	165	2011	Expl Geochem	H-split	MT-SS.cgr
32515	165	166	2011	Expl Geochem	H-split	MT-SS.cgr
32516	166	167	2011	Expl Geochem	H-split	MT-SS.cgr
32518	167	168	2011	DUP	Q-Split	MT-SS.cgr
32519	167	168	2011	Blank	LWS_2011	MT-SS.cgr
32517	167	168	2011	Expl Geochem	H-split	MT-SS.cgr
32520	168	168.7	2011	Expl Geochem	H-split	MT-SS.cgr
30508	168.7	171	2011	Expl Geochem	H-split	MT-CO
30509	171	173	2011	Expl Geochem	H-split	MT-CO
30510	173	175	2011	Expl Geochem	H-split	MT-CO
30511	175	177	2011	Expl Geochem	H-split	MT-CO
30512	177	179	2011	Expl Geochem	H-split	MT-SS.cgr
30513	179	181	2011	Expl Geochem	H-split	MT-SS.mgr
30514	181	183	2011	Expl Geochem	H-split	MT-SS.mgr
30515	183	185	2011	Expl Geochem	H-split	MT-SS.cgr
30516	185	187	2011	Expl Geochem	H-split	MT-SS.mgr
30517	187	189	2011	Expl Geochem	H-split	MT-SS.mgr
30518	189	191	2011	Expl Geochem	H-split	MT-SS.mgr
30519	191	193	2011	Expl Geochem	H-split	MT-SS.mgr
30520	193	195.15	2011	Expl Geochem	H-split	MT-SS.mgr
30521	195.15	198	2011	Expl Geochem	H-split	MT-CO
30522	198	200	2011	Expl Geochem	H-split	MT-CO
30523	200	201.55	2011	Expl Geochem	H-split	MT-CO
30524	201.55	202.9	2011	Expl Geochem	H-split	MT-CO
30525	202.9	204.23	2011	Expl Geochem	H-split	MT-CO
30526	204.23	206	2011	Expl Geochem	H-split	MT-SS.cgr
30527	206	209.4	2011	Expl Geochem	H-split	MT-SS
30528	209.4	212.2	2011	Expl Geochem	H-split	MT-SS
30529	212.2	214	2011	Expl Geochem	H-split	MT-Phy
30530	214	216	2011	Expl Geochem	H-split	MT-SS
30531	216	218	2011	Expl Geochem	H-split	MT-SS
30532	218	219	2011	Expl Geochem	H-split	MT-SS
30533	219	219.5	2011	Expl Geochem	H-split	MT-Phy
30534	219.5	221.8	2011	Expl Geochem	H-split	MT-SS
30535	221.8	223	2011	Expl Geochem	H-split	MT-SS
30536	223	225	2011	Expl Geochem	H-split	MT-SS
30537	225	226.7	2011	Expl Geochem	H-split	MT-SS
30538	226.7	228	2011	Expl Geochem	H-split	MT-SS
30539	228	230	2011	Expl Geochem	H-split	MT-SS

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30540	230	232.3	2011	Expl Geochem	H-split	MT-SS
30541	230	232.3	2011	DUP	Q-Split	
30542	230	232.3	2011	Blank	LWS_2011	
30543	232.3	233.6	2011	Expl Geochem	H-split	MT-SS
30544	233.6	236	2011	Expl Geochem	H-split	MT-CO MT-CO
30545	236	238	2011	Expl Geochem	H-split	MT-CO
30546	238	240	2011	Expl Geochem	H-split	MT-CO
30547	240	242	2011	Expl Geochem	H-split	MT-CO
30548	242	244	2011	Expl Geochem	H-split	MT-CO
30549	244	246	2011	Expl Geochem	H-split	MT-CO
30550	246	248.3	2011	Expl Geochem	H-split	MT-CO
30551	248.3	251	2011	Expl Geochem	H-split	MT-Phy
30552	251	253.3	2011	Expl Geochem	H-split	MT-CO
30553	253.3	254.7	2011	Expl Geochem	H-split	MT-CO
30554	254.7	256	2011	Expl Geochem	H-split	MT-CO
30555	256	257.4	2011	Expl Geochem	H-split	MT-CO
30556	257.4	258.9	2011	Expl Geochem	H-split	MT-CO
30557	258.9	261	2011	Expl Geochem	H-split	MT-CO
30558	261	263	2011	Expl Geochem	H-split	MT-CO
30559	263	265	2011	Expl Geochem	H-split	MT-CO
30560	265	266	2011	Expl Geochem	H-split	MT-CO
30561	266	268	2011	Expl Geochem	H-split	MT-CO
30562	268	270	2011	Expl Geochem	H-split	MT-CO
30563	270	272	2011	Expl Geochem	H-split	MT-CO
30564	272	274	2011	Expl Geochem	H-split	MT-CO
30565	274	276.5	2011	Expl Geochem	H-split	MT-CO
30566	276.5	278	2011	Expl Geochem	H-split	MT-Phy
30567	278	279.2	2011	Expl Geochem	H-split	MT-Phy
30568	279.2	281	2011	Expl Geochem	H-split	MT-Phy
30569	281	283	2011	Expl Geochem	H-split	MT-Phy
30570	283	285	2011	Expl Geochem	H-split	MT-Phy
30571	285	287	2011	Expl Geochem	H-split	MT-Phy
30572	287	289	2011	Expl Geochem	H-split	MT-Phy
30573	289	291	2011	Expl Geochem	H-split	MT-Phy
30574	291	292	2011	Expl Geochem	H-split	MT-SLT
30575	292	293.2	2011	Expl Geochem	H-split	MT-SLT
30576	292	293.2	2011	STND	CDN-GS-8B	
30577	292	293.2	2011	DUP	Q-Split	
30578	293.2	295	2011	Expl Geochem	H-split	MT-SLT

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-023	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	245	306					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30579	295	296.8	2011	Expl Geochem	H-split	MT-SLT
30580	296.8	300	2011	Expl Geochem	H-split	MT-Phy
30581	300	302	2011	Expl Geochem	H-split	MT-SS
30582	302	303.75	2011	Expl Geochem	H-split	MT-SS
30583	303.75	305.8	2011	Expl Geochem	H-split	MT-Phy
30584	305.8	306	2011	Expl Geochem	H-split	MT-CO

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Location

Easting:	Northing:	Latitude:	Longitude:
533366.8	6845919.0		

Elevation: 1808 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 85
Azimuth: 245
EOH: 283.0 m
Core Size: HQ

Start Date: 04/09/2011
Finish Date: 08/09/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
24	85.8	250.94	5863	Reflex	1
84	86.4	258.84	5845	Reflex	1
183	86.7	262.64	5843	Reflex	1
213.5	85.4	236.64	5843	Reflex	2

Objective:
target the scorodite arsenopyrite fractured zone observed in Hole 3A-11-023 -- planned to 150 meters

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	18	no core recovered	CASING		100.0%				co	1
18	30	black phyllite with red-brown pervasive iron oxidiation and orange stain colour along foliation. Rather friable and soft in upper1-2 meters of interval. Compositional bedding cleavage appears consistent high core angle (80-90TCA).	MT-Phy		100.0%				fr	1
30	81.9	Quartz Veing in conglomerate is generally vuggy and rust-stained Vien thickness varies from 2-30cm and veins frequently contain seams with matrix material which are occassionally aligned with foliation. [see point structure table for vein orientation trends]	QZVN		8.0%	w			co	1
30	81.9	occassionally interbedded coarse grained sandstone sequence in conglomerate	MT-SS	cgr	12.0%	gy	qtz	90	co	1
30	81.9	Quartz Pebble conglomerate with localized foliation fabric in form of intervals with aligned wispy, grey chlorite seams that surround clasts at 0.2-1cm spacing. Grainsize: 0.4-1cm Grainshape: subangular Composition: 90% white-grey quartz; 8% altered feldspar (mostly iron-carbonate); 2% lithics in form of black, angular phyllite clasts	MT-CO		80.0%	gy	qtz	90	co	1
81.9	83.2	small wedges of conglomerate within quartz veining as seen in previous unit above	MT-CO		1.0%	gy	qtz	90	co	1
81.9	83.2	massive quartz vein with upper contact @50TCA and fragmented lower contact rust-stained throughout with frequent tension cracks along 25TCA and occassional aligned, partially penetrative chlorite seams along 85TCA several inclusions of conglomerate materail with in quartz vein	QZVN		99.0%	w			co	1
83.2	99.8	Frequent quartz veining in form of 1-4cm thick, dusty white veinlets with densely spaced, rust-stained tension cracks parallel to vein boundaries. Occassional slitted vugs perpendicular to vein boundaries in foliated and folded rust-stained phyllite unit. some veins contain angular phyllite clasts. som veins are axial planar to small cink/flex folds in foliation	QZVN		5.0%	w			co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
Plunge:	85	Azimuth:	245	EOH:	283		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
83.2	99.8	black phyllite with brownish hue on lamellar grey silt interbed due to pervasive iron-staining. Foliation bedding cleavage varies between 90-55TCA. Several small scale, cink fold profiles visible. Texture too fine-grained to determine exact composition. Frequent quartz veining in form of 1-4cm thick, dusty white veinlets with densely spaced, rust-stained tension cracks parallel to vein boundaries. Occassional slitted vugs perpendicular to vein boundaries.	MT-Phy		95.0%	m			co	1
99.8	139.85	quartz veining in granule (2-4mm) size conglomerate: - intermittent thin vuggy vienlets throughout unit [see point structures for vein trends] - several narrow (up to 1m long) zones with densely spaced rust-stained veins that are criss-crossed by healed, rust-stained fracture seams	QZVN		8.0%	w			co	1
99.8	139.85	Granule Size Quartz Conglomerate (2-4mm) Composition: 82% grey quartz; 17% feldspar; 1% black lithics (phyllite clasts) Grainshape: angular alteration of feldspar: white clay + frequent rust-stain overprint intermittent foliation fabric throughout in form of rusty, wispy, semi-penetrative seams at ~4-5mm spacing rust-oxidation throughout entire unit and especially prominent along veins and fractures upper contact is lithological with phyllite brittle deformation and transition to pebble size clast size at lower contact	MT-CO	grn	92.0%	gy			co	1
139.85	147.2	Quartz veining in QPC with various orientations and frequently weakly brecciated texture. Intensely rust-stained throughout. [see point structures for orientations] Veins are frequeently densely spaced and criss-crossed by a a multitude of rust-stained tension cracks that also penetrate in to surrounding QPC rock matrix. Occassionall strechted concordant quartz vein ribbons that align with foliation of conglomerate.	QZVN	bx	40.0%	w			co	2
139.85	147.2	Quartz Pebble Conglomerate (QPC): foliated and intensely rust-stained throughout -- Grainsize: 3-6mm Quartz clasts appear streched and matrix is partially penetrated by aligned rusty seams at ~3-6mm spacing. Also several prominant, ~1cm thick, black, foliation concordant phyllite wedges and strechted clasts in conglomerate matrix. Composition: 85% stretched quartz clasts; 14% white clay altered feldspar clasts; 1% black, lithic phyllite clasts Grainshape: streched and subangular clay alteration of feldspars is freqeuntly overprinted by rust-staining	MT-CO	pbl	60.0%	gy	qtz	85	co	1
147.2	153.03	ingested conglomerate within quartz vening and towards lower contact of interval with same composition as conglomerate unit that lies below	MT-CO	pbl	2.0%	gy	qtz	85	br	1
147.2	153.03	scorodite mineralized instersection - with brecciated quartz veining and aligned, ingrested conglomerate seams within massive veining. green scorodite as matrix surrounding softened, brecciated clasts and as coating in healed and open fractures also visible, fine-grained arsenopyrite in breccia matrix !Only 10% reccovery between 147-150 meter blocks due to mislatch!	QZVN	bx	98.0%	g			br	1
153.03	165.84	only minor diffuse, variable core angle, thing quartz veinlets	QZVN		1.0%	w			br	1

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge:	Azimuth:	EOH:
85	245	283

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
153.03	165.84	Quartz Pebble Conglomerate --- Grainsize: 4-6mm Grainshape: angular Composition: 80% grey angular quartz clasts; 15% altered feldspar clasts; minor fine-grained, black lithick phyllite clasts rust-coated, angular, rough, undulated, low core angle fractures throughout intensely limonite altered towards lower contact of unit	MT-CO		99.0%	gy	qtz	85	br	1
165.84	176.95	only rare quartz veining as thin, foliation discordant seams in phyllite interbeds and rare, vuggy, bands concordant to phyllit near lower contact of unit	QZVN		1.0%	w			co	2
165.84	176.95	Near rhythmically interbedded pyllite wedges in in foliated QPC unit, which frequently are cut off. Phylliter wedges are predominantly <15cm thick and not always fully penetrative. Phyllite also occurs as lithic clasts within conglomerate. Unit has a striped appears due to the frequent interbedding. Conglomerate has a foliation fabric in form of wispy, aligned, dark grey chlorite seams that surround frequently slightly elongated quartz clasts at 1-2cm spacing. Some phyllite beds also contain subrounded conglomerate clast inclusions. Texture of phyllite too fine-grained to determine exact composition. Most contacts between conglomerate and phyllite are concordant to phyllite compositional bedding cleavage.	MT-Phy		34.0%	n			co	2
165.84	176.95	Quartz-Pebble-Conglomerate with near rhythmically interbedded pyllite wedges which frequently are cut off. Phylliter wedges are predominantly <15cm thick and not always fully penetrative. Phyllite also occurs as lithic clasts within conglomerate. Unit has a striped appears due to the frequent interbedding. Conglomerate has a foliation fabric in form of wispy, aligned, dark grey chlorite seams that surround frequently slightly elongated quartz clasts at 1-2cm spacing. Conglomerate - Composition: 85% quartz; 13% altered feldspar; 2% black, lithic phyllite clasts Conglomerate - Grainsize: 0.4-1.2cm Conglomerate - Grainshape: subrounded to subangular; quartz clasts frequently slightly stretched and aligned ~1% matrix inform of wispy, aligned dark grey chlorite seams surrounding clasts significant clast size increase in comparison to previous conglomerate unit above	MT-CO	pbl	65.0%	gy	qtz	85	co	2
176.95	181.1	variable core angle, <1cm thick, quartz veinlets in coarse-grained sandstone bed; generally not mineralized; fairly high vein density	QZVN		10.0%	w			co	1
176.95	181.1	short coarse grained sandstone interbed with very small feldspar clast portion Grainsize: 0.5-2mm [poorly sorted] Composition: 89% grey quartz; 9% white, clay altered feldspar; 2% black, lithic phyllite fragments Grainshape: subangular Both upper and lower contacts are sharp and competent.	MT-SS	cgr	90.0%	gy	qtz	89	co	1
181.1	185.2	partially sheared, clast-supported quartz breccia-conglomerate with crenulatios at lower contact of unit Grainsize: 1-2cm Grainshape: angular to subangular Composition: 92% quartz; 6% clay altered feldspar; 2% black lithic, phyllite fragments 1% dark grey chloire matrix that rims clasts shearing and crenulations at lower contact with elongated, folded quartz ribbons rimmed by dark grey chlorite seams	MT-CO	bx	100.0%	gy	qtz	92	co	2

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	85	245	283				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
185.2	229.2	black Phyllite as interbedded, semi-penetrative, aligned wedges win both conglomerate (especially where foliated (@~198.5m) and in coarse grained sandstone (@~219m) Texture of phyllite too fine grained to determine exact composition.	MT-Phy		1.0%	n			co	1
185.2	229.2	Quartz veining in fragmented turbidite sequence is occassionally massive (@211.1m) and generally in form of thin diffuse, variable orienation veinlets. Also a highly mineralized Quartz vein breccia between (~190.4-~194.5m) with arsenopyrite-pyrite matrix and scorodite coateing in healed fractures as well as slickensiding along polished surface in breccia (@199.3m). Narrow interval of weakly sheared, diffuse, 60-70TCA quartz veining with concordant massive pyrite stringers and fine-grained disseminated arsenopyrite between 199.4-200.0meters.	QZVN		5.0%	w			co	1
185.2	229.2	Sandstone- Conglomerate-Turbidite sequence with an intensely sulfide mineralized interval between 190.4-194.5 meters in conglomerate interval in upper part of unit. Unit is dominated by coarse grained sandstone, but a sequence of intensely fragmented, scorodite coated QPC (~1cm clasts) dominates between 191.5-194.5meters. Several other narrow (<1m wide), localized conglomerate intervals (some with foliation fabric) but center portion of unit is dominated by coarse grained sandstone. Entire unit is weakly rust-stained and intensely broken and fractured. Sandstone -- Grainsize: 0.5-2mm (poorly sorted) Composition: 90% grey quartz, 9% white clay altered feldspar; 1% black, lithic phyllite clasts Grainshape: subangular Conglomerate is clast supported. White clay alteration of feldspars occassionally overprinted by rust-staining. Lower contact of unit is defined by extensive brittle crush-gouge fault.	MT-CO	pbl	14.0%	gy	qtz	90	br	1
185.2	229.2	Sandstone- Conglomerate-Turbidite sequence with an intensely sulfide mineralized interval between 190.4-194.5 meters in conglomerate interval in upper part of unit. Unit is dominated by coarse grained sandstone, but a sequence of intensely fragmented, scorodite coated QPC (~1cm clasts) dominates between 191.5-194.5meters. Several other narrow (<1m wide), localized conglomerate intervals (some with foliation fabric) but center portion of unit is dominated by coarse grained sandstone. Entire unit is weakly rust-stained and intensely broken and fractured. Sandstone -- Grainsize: 0.5-2mm (poorly sorted) Composition: 90% grey quartz; 9% white clay altered feldspar; 1% black lithics Grainshape: subangular White clay alteration of feldspars occassionally overprinted by rust-staining. Lower contact of unit is defined by extensive brittle crush-gouge fault.	MT-SS	cgr	80.0%	gy	qtz	90	br	1
229.2	239.1	only minor thin, barren quartz veinlets	QZVN		2.0%	w			lc	3
229.2	239.1	mixed lithology within brittle fault zone: Quartz Pebble Conglomerate and black phyllite QPC: 229.2-234.3m Phyllite: 234.3-237.7m QPC: 237.7-239.1 Texture of phyllite too fine-grained to determine exact composition.	MT-Phy		28.0%	n			lc	3

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
229.2	239.1	mixed lithology within brittle fault zone: Quartz Pebble Conglomerate and black phyllite QPC: 229.2-234.3m Phyllite: 234.3-237.7m QPC: 237.7-239.1 QPC within this unit is distinguished from QPC that lies below by much coarser clast size and percentage of lithic phyllite clasts. QPC is clast supported. Composition: 90% grey quartz; 7% altered feldspar; 3% black lithic phyllite clasts Grainsize: 3-12mm Grainshape: subangular to subrounded. Feldspars have white clay alteration.	MT-CO	pbl	70.0%	gy	qtz	90	lc	3
239.1	270.2	only minor thin (<2cm thick) variable orientation, generally barren quartz veinlets	QZVN		1.0%	w			co	1
239.1	270.2	Turbidite Sequence: granule to pebble size Quartz Conglomerate and medium to coarse grained Sandstone Sandstone predominates from ~257-270.2 meters and varies from medium to coarse grained. Conglomerate -- Composition: 90% grey quartz; 8% altered feldspar; 2% black, lithic phyllite clasts feldspars have white clay alteration Conglomerate -- Grainsize: 3-5mm Conglomerate -- Grainshape: subangular transition from pebble/granule to sand size is gradual intermittent localized foliation in form of wispy dark grey, partially penetrative seams at 0.5-1cm spacing brittle faulting at lower contact with phyllite unit	MT-CO	pbl	29.0%	gy	qtz	90	co	1
239.1	270.2	Turbidite Sequence: medium to coarse grained Sandstone and granule to pebble size Quartz Conglomerate Sandstone predominates from ~257-270.2 meters and varies from medium to coarse grained. Sandstone -- Composition: 85% grey quartz; 8% altered feldspar; 2% black, lithic phyllite clasts feldspars have white clay alteration Sandstone -- Grainsize: 3-5mm Sandstone -- Grainshape: subangular transition from pebble/granule to sand size is gradual intermittent localized foliation in form of wispy dark grey, partially penetrative seams at 0.5-1cm spacing brittle faulting at lower contact with phyllite unit	MT-SS	cgr	70.0%	gy	qtz	85	co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
85	245	283					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
270.2	282.6	foliated grey sanstone interbed with lithic phyllite clasts from 276.4-277.83 meters. Foliation: 50/060 and expressed as sheeted veinlets and stretched quartz clasts Composition: 90% grey-transluscent quartz; 6% iron-carbonate altered feldspar; 4% black, lithic, phyllite clasts matrix has grey-greenish hue poorly sorted Grainsize: 0.5-3mm Grainshape: subrounded, subangular and angular both upper & lower contact of sandstone bed are concordant to phyllite foliation (So), not sandstone foliation sandstone contact are at right angles to sandstone foliation!	MT-SS	mgr	2.0%	gy		90	co	1
270.2	282.6	intense, soft deformation quartz veining in phyllite -- generally concordant to phyllite bedding cleavage, but frequently flex-folded and boudinaged with phyllite inclusions in veining and varying in thickness from 1cm - 30cm.	QZVN		20.0%	w			co	2
270.2	282.6	Black phyllite with grey lamellar silt interbedding and frequent visible, variable scale fold profiles. Texture fo phyllite too fine-grained to determine exact composition. Intensely quartz veins with phyllite inclusions in folded veining. Narrow gouge fault at lower contact	MT-Phy		78.0%	n			co	2
282.6	283	Sheared Quartz Veining: stretched aligned quartz ribbons rimmed by dark grey, wispy matrix seams at 0.5-1cm spacing in sandstone matrix.	QZVN	fol	100.0%	gy			co	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
18	30	orange-brown rust-staining throughout giving black phyllite unit a brown colour	lim	3	perv	m
30	83.2	yellow-white iron coarbonate alteration of feldspars - frequently overprinted by rust-staining	fecb	1	smgr	bf
30	65.3	weakly limonite stained throughout generally along quartz vein boundaries and fractures as well as overprinting clay alteration of feldspar clasts	lim	1	perv	o
30	83.2	weak pervasive greenish overprint that is especially apparent in sandstone interbeds	chl	1	perv	g
65.3	83.2	limonite-rust staining intensified in comparison to previous unit above - staining more penetrative through out rock matrix and intense in several fractured intervals	lim	2	perv	o
83.2	101.35	pervasive rust-staining on phyllite - leaving lamellar grey silt interbeds with a grey hue	LIM	2	perv	m
99.8	139.85	orange rust-staining throughout -- in veins, overprinting alteration of feldspars and especially prominent along open and healed fracture surfaces	LIM	2	perv	o
99.8	103.2	intense rust staining in vuggy quartz veining and along fractures and in narrow gouge zone	LIM	4	vn	o
99.8	147.2	white clay alteration of feldspar clasts	cy	2	smgr	w
139.85	147.2	orange-brown rust-staining throughout, overprinting clay alteration of feldpars, coating fragments and penetrating into rock matrix along foliation and healed fracture seams	LIM	3	perv	o
147.2	153.03	mouldy yellow-green scorodite (after arsenopyrite) coating in healed and on open fractures as well as in softened matrix of brecciated quartz veining	sco	4	frac	g
147.2	153.03	orange rust staining on open and healed fractures	LIM	2	frac	o
153.03	165.84	pervasive rust-staining; most prominent along fractures and when overprinting alteration of feldspars	LIM	2	perv	o
156.8	165.84	gritty sandy clay, rust-stained coating along undulated, rough low core angle fractures	LIM	4	frac	o
165.84	176.95	white clay alteration of feldspar clasts in conglomerate - frequently overprinted by rust-staining	cy	2	smgr	w

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	85	245	283				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
165.84	176.95	orange-brown rust staining most prevalently visible as overprint on feldspar clasts	LIM	2	smgr	o
167.7	170	localisized red-brown hematite staining of conglomerate matrix	hem	3	perv	r
174.5	175	chlorite bles in foliation concordant quartz vening with mulitple rust-stained tension cracks	chl	2	vn	g
176.95	181.1	white clay alteration of feldspar clasts in coarse grained sandstone bed	cy	2	smgr	w
181.1	185.2	white clay alteration of feldspar clasts frequently overprinted by rust-staining	cy	2	smgr	w
181.1	185.2	pervasive rust-staining	LIM	3	perv	o
185.2	229.2	white clay alteration of feldspar clasts frequently overprinted by rust-staining	cy	2	smgr	w
185.2	229.2	orange brown rust-staining along open and healed fractures and intermittently staining white clay alteration of feldspars	LIM	2	frac	o
190.4	194.5	scorodite-after-arsenopyrite along fracture surfaces in conglomerate surfaces and in healed matrix seams in brecciated, sheared quartz veining	sco	4	frac	g
229.2	270.2	white clay alteration of feldspare clasts in sandstone and conglomerate sequences	cy	2	smgr	w
229.2	270.2	rusty coating on low core angle fractures in friable, weathered nterval	LIM	2	frac	o
271	273.5	orange-buff iron-carbonate overprint in variable thickness quartz veins in phyllite [in zone below gouge fault]	fecb	3	vn	bf
273.41	273.5	green chlorite wedges in deformed quartz veining in phyllite	chl	3	vn	g

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
64.5	65.5	QZVN	400.0%	bx	conglomerate with brecciated appearance and intense rust-staining with only few yellow feldspar clasts and rust-stained seams surrounding angular clasts --- [brecciated quartz veining?]
72.4	73.8	QZVN	200.0%	BFZ	possible fault zone: semi-massive, rust-stained quartz veining in conglomerate with high degree of coarse fragmentation with rusty, grillity clay coating. Surrounded by competent (but equally rust-stained) rock.
79.6	80	FZ	200.0%	BFZ	2-4 cm diameter, subangular, crushed fragments with gritty, sandy, rust-stained coating
96.1	96.8	FZ	400.0%	BFZ	very poorly recovered gouge fault with rust-stained quartz-veinlets in fragments
96.8	97	QZVN	400.0%	bx	rust-stained quartz veining with ingested angular phyllite wedges at lower gouge fault contact
100.2	101.35	QZVN	300.0%	BFZ	intensely rust-stained, semi-massive quartz veining with "ingested" conglomerate wallrock wedges
101.35	107.4	FZ	300.0%	BFZ	gritty, rust-stained sandy clay coated conglomerate fragments --- fairly well recovered
114	115.35	QZVN	200.0%	DBSZ	Densely spaced foliated quartz ribbons rimmed by aligned dark grey chlorite seams and rust-stained throughout --- also stretching of quartz clasts in ingested conglomerate matrix wedges
120.35	124.7	QZVN	200.0%	bx	Intensely veined zone with vein orienations @ 30TCA; 40TCA & 55TCA. Veins are criss-crossed by multiple rusty fracture seams which also peneetrate into rock matrix. 30-40TCA veins appear openly folded. Rubbled fragments at lower bound of interval.
139.85	141	FZ	200.0%	BFZ	rusthy partially softened fragments; fault marks transition from granule to pebble size quartz conglomerate
141	144.8	QZVN	100.0%	DBSZ	high density of rust-stained quartz veining in conglomerate; veins are criss-crossed by multiple, rusty tension cracks that penetrate into surrounding rock matrix; rusty seams in conglomerate show clear alignment and veins are frequently concordant to this (shear?) foliation
144.8	147.2	QZVN	300.0%	BFZ	poorly recovered fault with rubbled quartz vein fragments and gritty sandy clay gouge
147.2	153.03	QZVN	400.0%	bx	brecciated quartz veining with scorodite coating along open and healed fractures as well as fine-grained disseminate pyrite within matrix; partially fragmented, but also intervals with softened scorodite immersed matrix with <1cm diameter angular quartz fragments; only 10% recovery between 147-150 meters blocks due to mislatch
181.1	185.2	SZ	200.0%	DBSZ	localized crenulations at lower bound of quartz breccia interval; crenulated quartz ribbons rimmed by dark grey chlorite seams

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	85	245	283				

From	To	Mineral	Intensity	Distribution	Comments
190.4	191.5	QZVN	300.0%	bx	sheared brecciated quartz veining with black arsenopyrite-pyrite matrix seams and scorodiation coating in matrix healed fractures with slickensiding along polished 30TCA fractures at 199.3 meters.
199.4	200	QZVN	200.0%	DBSZ	weakly sheared grey,diffuse quartz veining 60-70TCA orienation and multiple massive pyrite stringers as well as fine grained disseminated arsenopyrite.
214.3	215.2	QZVN	200.0%	DBSZ	low grade shearing in form of aligned strechted quartz ribbons rimmed by dark grey chlorite seams and with densely disseminated fine-grained pyrite
229.2	241.4	FZ	300.0%	BFZ	Zone of Brittle Deformation: crushed, softened fragments intermingled with gouge and blocky fragments contains interchanging lithology of Quartz-Pebble-Conglomerate with prominent phyllite clasts as well as phyllite interbedding ~20cm poor gouge intersection at lower contact of fault zone Zone contains one very competent, 1m long QPC interval between 237.7-238.8 meters.
249.2	250.75	FZ	100.0%	BFZ	rust-coated low core angle fractures in friable, clay altered itnerval due low degree of brittle deformation
270.2	271	FZ	300.0%	BFZ	gouged and fragmentend sandstone and phyllite
271	273.5	QZVN	300.0%	SHTV	iron-carbonate-quartz veining in phyllite below gouge fault with densely spaced veining of varialbe thickness

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
96.1	99.8	trace disseminated pyrite in rust-stained quartz veining in phyllite	py	0.01	vn
135.2	135.25	galena bleb in diffuse ~18TCA quartz veinlet -- part of densely spaced, repeated vein orientation	gn	1	vn
147.2	153.03	mouldy yellow-green scorodite as coating on healed and open fractures and with in softened matrix of brecciated quartz veining; very low 10% recovery between 147-150 meter blocks due to mislatch	sco	2	frac
147.2	153.03	dark arsenopyrite seams in brecciated quartz veining	asp	0.2	vn
147.2	150	disseminated pyrite in quartz veining	py	0.4	vn
173.3	173.5	dissminated pyrite in phyllite inclusion in conglomerate and in conglomerate veinlet in phyllite	py	1	diss
173.3	173.5	dissmeinate pyrite and chalcopyrite in folded phyllite wedge in conglomerat	cpy	0.5	diss
186	186.5	very fine-grained disseminated pyrite in low core angle quartz veining	py	0.1	diss
190	191.5	black pyrite-aresenopyrite matrix seams in brecciated, sheared quartz veining with slickensiding	py	4	frac
190.4	191.5	black pyrite-aresenopyrite matrix seams in brecciated, sheared quartz veining with slickensiding	asp	3	frac
190.4	194.5	scorodite as fracture coating in healed fractures in quartz vein breccia and along fractures in fragmented QPC	sco	0.3	frac
199.4	200	massive, 2-4cm thick pyrite stringers in 60-70TCA quartzveining with fine-grained disseminated arsenopyrite	py	5	vn
199.4	200	massive, 2-4cm thick pyrite stringers in 60-70TCA quartzveining with fine-grained disseminated arsenopyrite	asp	2	vn
200	200.4	multiple, partially penetrative, ~1mm thick, 35TCA pyrite seams in sandstone	py	5	vn
200.4	211.1	trace fine-grained disseminted pyrite in fragments of coarse grained sandstone	py	0.01	diss
211.1	211.55	80TCA, massive, ~40cm thick quartz vein with ingested wedges of wallrock that contain fine-grained disseminated pyrite. Wall rock wedges in vein are aligned with high core angle vein contacts.	py	0.1	vn
214.3	215.2	low grade shearing in form of aligned strechted quartz ribbons rimmed by dark grey chlorite seams and with densely disseminated fine-grained pyrite	py	1	vn
245	247	pyrite blebs in vuggy, low core angle quartz veinlets	py	0.1	vn

Point Structure

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
21	Bedding		So	lim		80			compositional bedding cleavage
24	Bedding		So	lim		80	330		compositional bedding cleavage
27	Bedding		So			85			compositional bedding cleavage
30	Contact				Gouge	85			4cm soft gouge wedge between phyllite (above) and conglomerate (below) lithological contact
34.48	Veins					40			vein orientation in QPC
35.3	Veins				SHTV	40	140		repeated vein orientation in QPC
36.8	Veins				SHTV	30	350		repeated vein orientation in QPC
38	Veins				Veinlets	35	350		densely spaced vein seams in conglomerate
41.7	Veins				Veinlets	40	215		densely spaced vein seams in conglomerate
43.5	Veins				FOL	50	160		alignment of quartz ribbons and chlorite seams
43.5	Cleavage		Sx			50	160		alignment of quartz ribbons and chlorite seams
47.2	Cleavage		Sx			50	50		alignment up rusty seams in intensely chloritized sandstone interbed
48.7	Veins				SHTV	28			repeated, vuggy, ~2cm thick quartz veins
51.4	Cleavage		Sx			55	295		alignment of rusty chlorite seams in conglomerate at ~4mm spacing
52.3	Cleavage		Sx			50			alignment of rusty chlorite seams in conglomerate at ~4mm spacing
53.4	Veins				SHTV	30	290		densely spaced, broad, 4-15cm thick quartz veins with rather diffuse boundaries
55.8	Veins					40			massive, vuggy, partially fragmented, ~30cm thick quartz vein
56.2	Veins					40	180		lower contact of massive, ~30cm thick, fragmented quartz vein
57.3	Veins				SHTV	3	320		repeated vuggy vein orientation in conglomerate
58.3	Veins					55			massive, vuggy, rust-stained, ~25cm thick quartz vein
59.13	Veins					45	155		massive, rust-stained quartz vein (~40cm thick), contains aligned wallrock seams
60.7	Veins				SHTV	35	220		repeated vein orientation with very diffuse vein boundaries (ingestion into conglomerate wallrock)
62.4	Veins					50	240		alignment of rusty seams in conglomerate at ~4mm spacing surounding clasts
62.55	Veins				FOL	50	240		massive, ~30cm thick, rust-stained quartz vein
63.8	Contact			chl	bx matrix	70			upper contact of intensely chloritized sandstone interbed with angular phyllite wedge inclusions
64.5	Contact					30			lower contact of intensely chloritized sandstone interbed with angular phyllite wedge inclusions
65.3	Faults								brief, well recovered, fragmented and rubbled interval in conglomerate with softened and gritty fragments
67	Veins				bx matrix	50			mulitple tension cracks protruding through veining and matrix; repeated vein orientation
69.6	Cleavage		Sx			60			alignment of rusty seams in conglomerate at ~4mm spacing
70.8	Veins				SHTV	45	210		repeated vein orientation of massive 3-15cm thick, rust-stained quartz veins
73.7	Veins			LIM	SHTV	65	270		vein orientation in densely veined, highly fragmented, rust-stained zone
74.5	Veins		V1		SHTV	50	250		V2 crosscuts V1
74.5	Veins		V2		SHTV	65	340		V2 crosscuts V1
77.2	Veins			py		45			small pyrite blebs in 3cm thick quartz vein with rather diffuse, flex-folded boundaries
77.7	Veins				SHTV	35	345		thin veinlets that appear diffuse and blurred into rock matrix
81.9	Contact					50			upper contact of massive quartz vein unit fomr 81.9-83.2 meters
83.2	Contact			LIM	Gouge				softened and intensely oxidized phyllite at lighological contact; quartz vein above & phyllite below
83.3	Cleavage		Sx			80			repeated, partially penetrative chlorite seams in massive, rust-stained quartz veins
83.3	Joints			LIM		20			repeated rust-coated fractures and tension seams in massive quartz vein

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
84	Bedding		So			68			compositional bedding cleavage in phyllite
86	Bedding		So			65	140		compositional bedding cleavage in phyllite
86	Veins			LIM	FOL	65	140		foliation concordant veinlets with multiple-rust-stained tension cracks
86.5	Axial Plane				Veinlets	55	65		axial plane orientation of tightly folded veinlet
86.5	Veins				Veinlets	35	260		trend of tightly folded veinlets
87.8	Veins				AXP	80			axial planar to low amplitude (<1cm) cink fold profiles
87.85	Axial Plane					80			low amplitude (<1cm) cink fold profiles
88.3	Veins				FOL	65	60		concordant to compositional bedding cleavage in phyllite
88.4	Bedding		So			65	60		compositional bedding cleavage in phyllite
93	Veins					80			compositional bedding cleavage in phyllite
93.2	Veins				bx matrix	80			rust-stained quartz veinlets concordant to bedding cleavage and frequently contain angular phyllite clasts [2-4cm thick]
97	Veins				Gouge	50			gouge coated lower contact of ~20cm thick quartz vein in fault zone
97.7	Veins			LIM	AXP	55			densely spaced axial planar parallel rust seams in phyllite
98.1	Axial Plane		Fx			65			axial plane of closed fold profile with >4cm amplitude and very small parasitic folds
98.2	Veins			py	SHTV	65			pyrite mineralized vein orientation in phyllite
98.35	Bedding		So			35			compositional bedding cleavage in phyllite
99.8	Contact				FOL	60			lithological contact [phyllite above & conglomerate below] concordant to phyllite bedding cleavage
99.9	Bedding		So			60			compositional bedding cleavage in phyllite
100.2	Veins			LIM	Gouge	40			vein orienation in zone of rust-staining and deformation [see structure table]
103.1	Veins					15			vein-like, ~20TCA phyllite wedge in conglomerate
103.5	Veins			LIM	SHTV	60	270		vuggy, ~3cm thick quartz veining concordant to alignment of rusty seams in conglomerate at ~5mm spacing
103.8	Cleavage		Sx	LIM		60	270		alignment of rusty seams in conglomerate at ~5mm spacing
104.7	Veins					25	80		vein-like, ~3cm thic phyllite wedge
105	Cleavage		Sx	LIM		60	270		alignment of rusty seams in conglomerate at ~5mm spacing
107.5	Cleavage		Sx	LIM		60	275		alignment of rusty seams in conglomerate at ~5mm spacing
107.5	Veins		V1		TVA	45	225		array of multiple semi-penetrative veinlets
107.98	Veins		V2		FOL	60	140		veinlet that cross-cuts tenstion vein array
110	Cleavage		Sx	LIM		60	150		alignment of rusty seams in conglomerate at ~5mm spacing
113.8	Veins			LIM		50	15		repeated vein orientation in rust-stained granule size conglomerate
114	Cleavage		Ssh			55			Densely spaced foliated quartz ribbons rimmed by aligned dark grey chlorite seams and rust-stained throughout --- also stretching of quartz clasts in ingested conglomerate matrix wedges
114	Veins				FOL	55			Densely spaced foliated quartz ribbons rimmed by aligned dark grey chlorite seams and rust-stained throughout --- also stretching of quartz clasts in ingested conglomerate matrix wedges
116	Cleavage		Sx	LIM		65	90		Densely spaced foliated quartz ribbons rimmed by aligned dark grey chlorite seams and rust-stained throughout --- also stretching of quartz clasts in ingested conglomerate matrix wedges
118.7	Veins			LIM	SHTV	60	100		repeated vein orienation in rust-stained granule size conglomerate
121.3	Veins			LIM	SHTV	30	305		repeated vein orienation in rust-stained granule size conglomerate
121.63	Veins			LIM		40	140		repeated vein orienation in rust-stained granule size conglomerate

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Plunge: 85 **Azimuth:** 245 **EOH:** 283

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
121.7	Veins			LIM		55	150		repeated vein orienation in rust-stained granule size conglomerate
122.5	Veins			LIM		60	100		repeated vein orienation in rust-stained granule size conglomerate
124	Cleavage		Sx	LIM		65			alignment of rusty seams in conglomerate at ~5mm spacing
126	Cleavage		Sx	LIM		80	180		alignment of rusty seams in conglomerate at ~5mm spacing
126.1	Veins			LIM	SHTV	80	180		rusty densely spaced, sheeted veinlets
127	Joints			LIM		25	30		group of rough, undulated, rust-stained fracture seams and surfaces
129.8	Joints			LIM		15			group of rough, undulated, rust-stained fracture seams and surfaces
130.9	Faults			LIM	Veinlets				massive, fragmented, ~30cm thick quartz vein with gritty sandy-clay coated fragmentation at upper contact [both contacts ground & fragmented]
132.5	Joints			LIM		30			group of rough, undulated, rust-stained fracture seams and surfaces
135.2	Veins			gn	SHTV	18			galena mineralized, repeated diffuse quartz veinlets -- densely spaced
136	Cleavage		Sx	LIM		80			alignment of rusty seams in conglomerate at ~5mm spacing
138	Cleavage		Sx	LIM		60	160		alignment of rusty seams in conglomerate at ~5mm spacing
142.4	Veins			LIM	bx matrix	15	350		orientation in weakly brecciated quartz veining
142.5	Veins			LIM	bx matrix	35	285		orientation in weakly brecciated quartz veining
142.6	Cleavage		Sx	LIM		65	140		alignment of rusty seams in conglomerate at ~5mm spacing
142.6	Veins			LIM	bx matrix	15	140		orientation in weakly brecciated quartz veining
143.6	Veins			LIM	FOL	60	140		alignment of densely spaced quartz ribbons and rusty seams bisected by multiple random, rusty tension cracks
144.3	Cleavage		Sx	LIM		60	200		alignment of rusty seams in conglomerate at ~5mm spacing
144.5	Veins			LIM		60	270		orientation in weakly brecciated quartz veining
144.6	Veins			LIM		50	140		orientation in weakly brecciated quartz veining
147.2	Veins				bx matrix	45			diffuse veinlet orientation in brecciated quartz veining
151.5	Joints			sco	bx matrix	35			repeated scorodite coated, healed fracture orientation in quartz breccia matrix
152	Joints			sco	bx matrix	35			repeated scorodite coated, healed fracture orientation in quartz breccia matrix
152.6	Bedding		So		Veinlets	65			reapeated aligned, non-penetrative, thin conglomerate wedges in ~40cm thick massive quartz vein
156.8	Joints			LIM		15			repeated, intensely rust-coated undulated, rough, low core angle fractures (likely healed fractures that opened due to mechanical drill pressure)
162.4	Joints			LIM		10			repeated, intensely rust-coated undulated, sandy clay coated, low core angle fractures (likely healed fractures that opened due to mechanical drill pressure)
164	Joints			LIM		50			repeated, intensely rust-coated undulated, sandy clay coated, low core angle fractures (likely healed fractures that opened due to mechanical drill pressure)
164.5	Cleavage		Sx	LIM		55	30		localized alignment of rusty seams in conglomerate at ~5mm spacing
165.84	Contact				Gouge	55			weakly gouged lithological contact between angular conglomerate and phyllite interbedded subrounded conglomerate of coarser clast size - concordant to phyllite bedding cleavage
166.98	Cleavage		Sx			80			alignment of chlorite seams and strechting of quartz clasts in QPC
167	Bedding		So			60			compositional bedding cleavage in phyllite interbed
168.4	Bedding		So	hem		60			hematite stained foliation fabric in both phyllite interbeds and conglomerate
171.33	Faults				FOL	80	265		alignment of chlorite seams and strechting of quartz clasts in QPC that cuts of 40TCA So bedding in phyllite wedge above [healed fault]

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
173.4	Bedding		So			60	55		compositional bedding cleavage in phyllite interbed
173.4	Veins			cpy					pyrite and chalcopyrite mineralized folded phyllite wedge in conglomerate
173.5	Veins			py		45	290		pyrite mineralized conglomerate clast veinlet in phyllite interbed
174.5	Veins			chl	FOL	65			densely spaced, tension cracked, rust-stained quartz veins (3-5cm thick) concordant to bedding cleavage in phyllite wedges chlorite blebs in quartz veining
174.5	Cleavage		Sx			65			alignment of chlorite seams and strechting of quartz clasts in QPC
175.5	Joints			LIM		30	50		repeated rust-coated fractures
179.4	Veins				TVA	40	270		multiple, parallel, flex-folded, partially penetrative shear veinlets
179.4	Veins				SZB	20	90		Shearzone boundary of tension vein array
181.1	Contact					80	350		lithological contact between coarse grained sandstone and angular, brecciated, rust-stained conglomerate
184.9	Cleavage		Ssh	LIM		50			low grade crenulation fabric formed from folded, aligned, streched quartz ribbons rimmed by dark grey chlorite seams at lower bound of rust-stained quartz breccia; 0.3cm amplitude and 3cm wavelength open folds with axial planes at ~45TCA
186	Veins			LIM	FOL	60	95		densely spaced, parallel veinlets
186.4	Veins			py		10			fine-grained disseminated pyrite in rust-stained low core angle quartz veinlets
187.5	Veins			LIM	SHTV	55			repeated rust-stained vein orienation
188.8	Veins				Veinlets	70			densely spaced group of parallel veinlets
190.4	Veins			sco		50			5cm thick scorodite (along contact) and arsenopyrite/pyrite mineralized quartz vein
191	Veins			asp	QBX	25			sheared brecciated quartz veining with undulated, low core angle aresenopyrite-scorodite seam alignment
194.6	Cleavage		Sx	LIM		80			alignment of chlorite seams and strechting of quartz clasts in QPC
198.6	Cleavage		Ssh		Veinlets	70			sheared, stretched quartz vein ribbons
199	Cleavage		Sx			50			partially penetrative phyllite wedges in foliated conglomerate [same as unit observed between 165.84-176.95 meters]
199.3	Lineation			sco	STWK	25		10	slickensided, scorodite coated polished surface in sheared quartz vein breccia with arsenopyrite matrix and large pyrite blebs (gamma angle measured from short axis of ellipsoid)
199.3	Faults			sco	QBX	25		10	slickensided, scorodite coated polished surface in sheared quartz vein breccia with arsenopyrite matrix and large pyrite blebs (gamma angle measured from short axis of ellipsoid)
199.4	Veins			py	Veinlets	70			pyrite stringer veinlets and disseminated arsenopyrite in sheared grey quartz veining
200	Veins			asp	Veinlets	30			wispy, partially penetrative arsenopyrite seams
204	Joints			LIM		30			frequent mechanical fractuers along healed, rust-stained, low core angle fracture seams
207.4	Cleavage		Sx			70			alignment of wispy, diffuse chlorite seams in coarse grained sandstone
208.2	Veins				SHTV	85			densely spaced, parallel quartz veinlets
209.9	Veins				Veinlets	65			repeated vein orientation in coarse grained sandstone
211.1	Veins					65			massive, ~45cm thick quartz vein with ingested wallrock parallel to vein contacts and disseminated pyrite in aligned wallrock wedge
212.8	Cleavage		Sx			65	120		alignment of wispy, partially penetrative chlorite seams at ~6mm spacing in granule size conglomerate
214.4	Veins			py	FOL	80			low grade shearing in form of aligned strechted quartz ribbons rimmed by dark grey chlorite seams and with densely disseminated fine-grained pyrite

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Plunge: 85 **Azimuth:** 245 **EOH:** 283

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
214.4	Cleavage		Ssh		Veinlets	80			low grade shearing in form of aligned strechted quartz ribbons rimmed by dark grey chlorite seams and with densely disseminated fine-grained pyrite
217.25	Veins					50			massive ~30cm thick quartz vein
218.15	Veins			py		30			small pyrite blebs in vuggy quartz veinlet
219	Cleavage		Sx		Veinlets	45			40cm of aligned partially penetrative up to 4cm diameter phyllite wedges in coarse graine sandstone [looks like "xenolith"
221.8	Cleavage		Sx			70	160		wispy aligned chlorite seams at ~8mm spacing in coarse grained sandstone
223	Cleavage		Sx			70			wispy aligned chlorite seams at ~8mm spacing in coarse grained sandstone
226.2	Cleavage		Sx			70			wispy aligned chlorite seams at ~8mm spacing in QPC
227.6	Veins				Veinlets	60			repeated vein orienation in coarse-grained sandstone; milky white, well defined, barren veinlets
235.2	Bedding		So			60			compositional bedding cleavage of phyllite within fault zone
240.8	Bedding		So			80			compositonal cleavage in interbedded phyllite wedges
241.34	Bedding		So			80			compositonal cleavage in interbedded phyllite wedges
241.35	Faults				Gouge	80			soft gouge wedge concordant to phyllite compositional bedding cleavage
243.7	Cleavage		Sx			60	300		wispy, aligned dark grey, partially penetrative seams at 0.4cm spacing
246	Cleavage		Sx			60	300		wispy, aligned dark grey, partially penetrative seams at 0.4cm spacing
246	Veins			py		30			euhedral pyrite in vuggy quartz veinlet
246.6	Veins				SHTV	12			densely spaced diffuse, parallel, low core angle quartz veinlets
247.7	Joints			LIM		15			rust-stained healed, undulated, low core angle fractures/healed fractures
252.4	Veins			py		15			pyrite blebs in vuggy quartz veinlets
254.6	Cleavage		Sx			60	310		wispy, aligned dark grey, partially penetrative seams at 0.6cm spacing
257.5	Cleavage		Sx			60	310		wispy, aligned dark grey, partially penetrative seams at 0.6cm spacing
257.8	Veins					45	70		diffuse, ~4cm thick, grey quartz vein
258.3	Veins				Veinlets	50	90		repeated veinlet orientation in coarse grained sandstone
261	Veins					50	90		densely spaced, subparallel quartz veinlets
263.5	Veins			fecb		50	60		2cm thick vuggy veinlet with bladed rust-stained infill
264	Cleavage		Sx			55	290		wispy, aligned dark grey, partially penetrative seams at 1cm spacing
266.7	Cleavage		Sx			60			wispy, aligned dark grey, partially penetrative seams at 0.6cm spacing
271.6	Bedding		So	fecb		80			compositional bedding cleavage in faulted phyllite
271.6	Veins			fecb	FOL	80			multiple, wispy buff iron-carbonate seams
275	Cleavage		S1			80	100		clearly discernible fabric in fold profile
275	Axial Plane		Fx			80	100		closed >5cm amplitude fold profile in phyllite
275.2	Veins				AXP	80	100		axial planar parallel veinlets
276.4	Contact					60			upper contact of sandstone bed with phyllite; acute contact is at right angles with sandstone bed foliation, which is 50/060
277.2	Cleavage		Sx			50	60		foliation in sandstone interbed
277.83	Contact					60			lower contact of sandstone bed with phyllite; acute contact is at right angles with sandstone bed foliation, which is 50/060
280	Axial Plane		Fx			80	140		variable scale fold profiles

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
85	245	283					

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
280.8	Bedding		So			70	90		compositional bedding cleavage in phyllite
282.5	Bedding		So			80	100		compositional bedding cleavage in phyllite
282.7	Cleavage		Sx		Veinlets	80			streched quartz ribbons penetrated by wispy aligned seams
282.74	Faults				Gouge	70	100		phyllite foliation concordant gouge wedge

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30585	18	21	2011	Expl Geochem	H-split	MT-Phy
30586	21	23	2011	Expl Geochem	H-split	MT-Phy
30587	23	25	2011	Expl Geochem	H-split	MT-Phy
30588	25	27	2011	Expl Geochem	H-split	MT-Phy
30589	27	30	2011	Expl Geochem	H-split	MT-Phy
30590	30	32	2011	Expl Geochem	H-split	MT-CO
30591	32	34	2011	Expl Geochem	H-split	MT-CO
30592	34	36	2011	Expl Geochem	H-split	MT-CO
30593	36	38	2011	Expl Geochem	H-split	MT-CO
30594	38	40	2011	Expl Geochem	H-split	MT-CO
30595	40	42	2011	Expl Geochem	H-split	MT-CO
30596	42	44	2011	Expl Geochem	H-split	MT-CO
30597	44	46	2011	Expl Geochem	H-split	MT-CO
30598	46	48	2011	Expl Geochem	H-split	MT-CO
30599	48	50	2011	Expl Geochem	H-split	MT-CO
30600	50	52	2011	Expl Geochem	H-split	MT-CO
30601	52	54	2011	Expl Geochem	H-split	MT-CO
30602	54	56.1	2011	Expl Geochem	H-split	MT-CO
30603	56.1	58.5	2011	Expl Geochem	H-split	MT-CO
30604	58.5	60	2011	Expl Geochem	H-split	MT-CO
30605	60	62	2011	Expl Geochem	H-split	MT-CO
30606	62	63.8	2011	Expl Geochem	H-split	MT-CO
30607	63.8	65.5	2011	Expl Geochem	H-split	MT-CO
30608	65.5	67.5	2011	Expl Geochem	H-split	MT-CO
30609	67.5	69	2011	Expl Geochem	H-split	MT-CO
30610	69	70.2	2011	Expl Geochem	H-split	MT-CO
30612	70.2	71.3	2011	STND	CDN-GS-8B	
30613	70.2	71.3	2011	DUP	Q-Split	
30611	70.2	71.3	2011	Expl Geochem	H-split	QZVN
30614	71.3	72.4	2011	Expl Geochem	H-split	MT-CO
30615	72.4	73.8	2011	Expl Geochem	H-split	MT-CO
30616	73.8	76.1	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30617	76.1	79.6	2011	Expl Geochem	H-split	MT-CO
30618	79.6	81.9	2011	Expl Geochem	H-split	MT-CO
30619	81.9	83.2	2011	Expl Geochem	H-split	QZVN
30620	83.2	85	2011	Expl Geochem	H-split	MT-Phy
30621	85	87	2011	Expl Geochem	H-split	MT-Phy
30622	87	89	2011	Expl Geochem	H-split	MT-Phy
30623	89	91	2011	Expl Geochem	H-split	MT-Phy
30624	91	93	2011	Expl Geochem	H-split	MT-Phy
30625	93	95	2011	Expl Geochem	H-split	MT-Phy
30626	95	96.1	2011	Expl Geochem	H-split	MT-Phy
30627	96.1	97	2011	Expl Geochem	H-split	MT-Phy
30628	97	98.5	2011	Expl Geochem	H-split	MT-Phy
30629	98.5	99.8	2011	Expl Geochem	H-split	MT-Phy
30630	99.8	101.35	2011	Expl Geochem	H-split	QZVN
30631	101.35	103.2	2011	Expl Geochem	H-split	MT-CO.grn
30632	103.2	105	2011	Expl Geochem	H-split	MT-CO.grn
30633	105	107	2011	Expl Geochem	H-split	MT-CO.grn
30634	107	109	2011	Expl Geochem	H-split	MT-CO.grn
30635	109	111	2011	Expl Geochem	H-split	MT-CO.grn
30636	111	113	2011	Expl Geochem	H-split	MT-CO.grn
30637	113	114	2011	Expl Geochem	H-split	MT-CO.grn
30638	114	115.35	2011	Expl Geochem	H-split	QZVN
30639	115.35	117.5	2011	Expl Geochem	H-split	MT-CO.grn
30640	117.5	119.5	2011	Expl Geochem	H-split	MT-CO.grn
30641	119.5	121.5	2011	Expl Geochem	H-split	MT-CO.grn
30642	121.5	123	2011	Expl Geochem	H-split	QZVN
30643	123	124.7	2011	Expl Geochem	H-split	MT-CO.grn
30644	124.7	127	2011	Expl Geochem	H-split	MT-CO.grn
30645	127	129	2011	Expl Geochem	H-split	MT-CO.grn
30646	129	130.9	2011	Expl Geochem	H-split	MT-CO.grn
30647	130.9	133	2011	Expl Geochem	H-split	MT-CO.grn
30648	130.9	133	2011	DUP	Q-Split	
30649	130.9	133	2011	Blank	LWS_2011	
30650	133	135	2011	Expl Geochem	H-split	MT-CO.grn
30651	135	136.5	2011	Expl Geochem	H-split	MT-CO.grn
30652	136.5	138	2011	Expl Geochem	H-split	MT-CO.grn
30653	138	139.85	2011	Expl Geochem	H-split	MT-CO.grn
30654	139.85	142.1	2011	Expl Geochem	H-split	MT-CO.grn
30655	142.1	144	2011	Expl Geochem	H-split	MT-CO.grn

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30656	144	144.8	2011	Expl Geochem	H-split	MT-CO.grn
30657	144.8	147.2	2011	Expl Geochem	H-split	MT-CO.grn
30658	147.2	150	2011	Expl Geochem	H-split	MT-CO.grn
30659	150	151.5	2011	Expl Geochem	H-split	MT-CO.grn
30661	151.5	153.03	2011	Blank	LWS_2011	
30660	151.5	153.03	2011	Expl Geochem	H-split	QZVN.bx
30662	153.03	155	2011	Expl Geochem	H-split	MT-CO
30663	155	156.8	2011	Expl Geochem	H-split	MT-CO
30664	156.8	158	2011	Expl Geochem	H-split	MT-CO
30665	158	160	2011	Expl Geochem	H-split	MT-CO
30666	160	162	2011	Expl Geochem	H-split	MT-CO
30667	162	164	2011	Expl Geochem	H-split	MT-CO
30668	164	165.84	2011	Expl Geochem	H-split	MT-CO
30669	165.84	168	2011	Expl Geochem	H-split	MT-CO
30670	168	170	2011	Expl Geochem	H-split	MT-Phy
30671	170	172	2011	Expl Geochem	H-split	MT-Phy
30672	172	174	2011	Expl Geochem	H-split	MT-CO
30673	174	175.5	2011	Expl Geochem	H-split	MT-Phy
30674	175.5	176.95	2011	Expl Geochem	H-split	MT-CO
30675	176.95	179	2011	Expl Geochem	H-split	MT-SS.cgr
30676	179	181.1	2011	Expl Geochem	H-split	MT-SS.cgr
30677	181.1	183	2011	Expl Geochem	H-split	MT-CO.bx
30678	183	185.2	2011	Expl Geochem	H-split	MT-CO.bx
30679	185.2	187	2011	Expl Geochem	H-split	MT-SS.cgr
30680	187	189	2011	Expl Geochem	H-split	MT-SS.cgr
30681	189	190.4	2011	Expl Geochem	H-split	MT-SS.cgr
30682	190.4	191.5	2011	Expl Geochem	H-split	QZVN.bx
30683	191.5	194.5	2011	Expl Geochem	H-split	MT-CO
30684	191.5	194.5	2011	STND	CDN-GS-8B	
30685	191.5	194.5	2011	DUP	Q-Split	
30686	194.5	196.3	2011	Expl Geochem	H-split	MT-CO
30687	196.3	198	2011	Expl Geochem	H-split	MT-CO
30688	198	199.4	2011	Expl Geochem	H-split	MT-CO
30689	199.4	200.4	2011	Expl Geochem	H-split	QZVN
30690	200.4	202	2011	Expl Geochem	H-split	MT-SS.cgr
30691	202	204	2011	Expl Geochem	H-split	MT-SS.cgr
30692	204	206	2011	Expl Geochem	H-split	MT-SS.cgr
30693	206	208	2011	Expl Geochem	H-split	MT-SS.cgr
30694	208	210	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-025 **Grant No.:** YC72448

Plunge: 85 **Azimuth:** 245 **EOH:** 283

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30695	210	211.1	2011	Expl Geochem	H-split	MT-SS.cgr
30696	211.1	211.55	2011	Expl Geochem	H-split	QZVN
30697	211.55	213	2011	Expl Geochem	H-split	MT-SS.cgr
30698	213	214.3	2011	Expl Geochem	H-split	MT-SS.cgr
30699	214.3	215.2	2011	Expl Geochem	H-split	QZVN
30700	215.2	217	2011	Expl Geochem	H-split	MT-SS.cgr
30701	217	219	2011	Expl Geochem	H-split	MT-SS.cgr
30702	219	221	2011	Expl Geochem	H-split	MT-SS.cgr
30703	221	223	2011	Expl Geochem	H-split	MT-SS.cgr
30704	223	225	2011	Expl Geochem	H-split	MT-SS.cgr
30705	225	227	2011	Expl Geochem	H-split	MT-SS.cgr
30706	227	229.2	2011	Expl Geochem	H-split	MT-SS.cgr
30707	229.2	231.5	2011	Expl Geochem	H-split	MT-CO
30708	231.5	234.3	2011	Expl Geochem	H-split	MT-CO
30709	234.3	237.4	2011	Expl Geochem	H-split	MT-Phy
30710	237.4	239.1	2011	Expl Geochem	H-split	MT-CO
30711	239.1	241.4	2011	Expl Geochem	H-split	MT-CO
30712	241.4	243	2011	Expl Geochem	H-split	MT-CO
30713	243	245	2011	Expl Geochem	H-split	MT-CO
30714	245	247	2011	Expl Geochem	H-split	MT-CO
30715	247	249.2	2011	Expl Geochem	H-split	MT-CO
30716	249.2	250.75	2011	Expl Geochem	H-split	MT-CO
30717	250.75	252	2011	Expl Geochem	H-split	MT-CO
30718	252	254	2011	Expl Geochem	H-split	MT-CO
30719	254	256	2011	Expl Geochem	H-split	MT-CO
30720	254	256	2011	DUP	Q-Split	
30721	254	256	2011	Blank	LWS_2011	
30722	256	258	2011	Expl Geochem	H-split	MT-CO
30723	258	260	2011	Expl Geochem	H-split	MT-SS
30724	260	262	2011	Expl Geochem	H-split	MT-SS
30725	262	264	2011	Expl Geochem	H-split	MT-SS
30726	264	266	2011	Expl Geochem	H-split	MT-SS
30727	266	268	2011	Expl Geochem	H-split	MT-SS
30728	268	270.2	2011	Expl Geochem	H-split	MT-SS
30729	270.2	271	2011	Expl Geochem	H-split	MT-SS
30730	271	273.5	2011	Expl Geochem	H-split	QZVN
30731	273.5	275.5	2011	Expl Geochem	H-split	MT-Phy
30732	275.5	277.83	2011	Expl Geochem	H-split	MT-Phy
30733	277.83	280	2011	Expl Geochem	H-split	MT-Phy

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-025	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
85	245	283					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30734	280	281.5	2011	Expl Geochem	H-split	MT-Phy
30735	281.5	282.6	2011	Expl Geochem	H-split	MT-Phy
30736	282.6	283	2011	Expl Geochem	H-split	MT-CO

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Location

Easting:	Northing:	Latitude:	Longitude:
533393.6	6845876.6		

Elevation: 1797 m **Grid Name:** GZS

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 160
EOH: 306.0 m
Core Size: HQ

Start Date: 06/08/2011
Finish Date: 06/08/2011
Status: Completed
Contractor: Driftwood

Objective:
to target the scorodite mineralized zone observed in Holes 3A-11-023 & 3A-11-025

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
24	57.9	161.24	5832	Reflex	1
51	58.7	161.84	56675	Reflex	1
102	59.6	163.64	56658	Reflex	1
153	61.3	166.04	56663	Reflex	1
204	62.5	168.04	56680	Reflex	1
255	63.5	169.64	56696	Reflex	1
306	65	170.44	56868	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	13.5	Casing --- no core recovered	CASING		100.0%				co	1
13.5	37	Turbidite Sandstone-Conglomerate sequence that hosts densely spaced, rust-stained, deformed quartz veining: Sandstone -- Compostion: 90% grey quartz; 9% altered feldspar; 1% fine-grained lithics Conglomerate -- Grainsize: 4-8mm Conglomerate -- Grainshape: subangular white clay alteration on feldspar frequently stained by limonite alteration (orange-brown rusty colour) Conglomerate frequently shows foliation fabric where rusty grey, aligned matrix seams surround streched quartz clasts at 0.4-1cm spacing. Conglomerate is clast supported. Intense rust-staining at lower cotnact of unit with phyllite unit below.	MT-CO	pbl	10.0%	gy	qtz	90	br	1
13.5	37	Turbidite Sandstone-Conglomerate sequence that hosts densely spaced, rust-stained, deformed quartz veining: Sandstone -- Compostion: 90% grey quartz; 9% altered feldspar; 1% fine-grained lithics Sandstone -- Grainsize: 1-2mm Sandstone -- Grainshape: subangular white clay alteration on feldspar frequently stained by limonite alteration (orange-brown rusty colour) Intense rust-staining at lower cotnact of unit with phyllite unit below.	MT-SS	cgr	30.0%	gy	qtz	90	br	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	60	160	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
13.5	37	Densely spaced, deformed, rusty quartz veining at variable scales from 1cm - 80cm thickness within sandstone conglomerate sequence. Rusty infill in tension cracks in veining and within vugs. Frequent "ingested" wallrock wedges within semi-massive, broad vein zones. Also locally stretching of veinlets into aligned ribbons into low grade shearing. Unit is intensely fragmented and oxidized. Frequently blocky and rubbled. Several intervals with softened fragments with gritty sandy clay coating. Frequently boundaries between veining and wallrock and veining are blurred with minor altered feldspar clasts showing in brecciated veining.	QZVN	bx	60.0%	w			br	2
37	51.9	Quartz veining in Phyllite is concentrate most intensely between 47.6-50 meters as broad up to 50cm thick veins with angular phyllite wedge inclusions that appear to be concordant to phyllite bedding cleavage. In general: 37.0-37.9m: High density of 3-5cm thick quartz veining at upper contact of unit. 37.9-44.75m: Competent and only rare veining 44.75-51.9m: locally rather friable with high density quartz veining with broad 20-50cm veins with ingested, angular phyllite wedges [no discernible mineralization]	QZVN		20.0%	w			co	2
37	51.9	Black foliated and folded phyllite unit with thin, grey, lamellar silt interbedding. frequent cink folding in foliation Tecture of phyllite too fine grained to determine exact composition. 37.0-37.9m: High density of 3-5cm thick quartz veining at upper contact of unit. 37.9-44.75m: Competent and only rare veining 44.75-51.9m: locally rather friable with high density quartz veining with broad 20-50cm veins with ingested, angular phyllite wedges	MT-Phy		80.0%	n			co	1
51.9	92.1	Black Phyllite occurs as lithic clasts within conglomerate and as interbedded narrow (<15cm wide) wedges, which are not always fully penetrative. Gouged phyllite wedge fault from 75.62-75.90 meters.	MT-Phy		2.0%	n			co	1
51.9	92.1	Quartz Veining in sedimentary quatz-breccia is frequently concordant to localized foliation in rock matrix and oftne has ribbon appearance with diffuse vein boundaries. Breccia matrix seams appear to penetrate into quartz veining giving veins a breciated texture. No discernible mineralization. Vugs in veins are rust-stained from pervasive limonite oxidation in unit.	QZVN		15.0%	w			co	2

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	60	160	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
51.9	92.1	Quartz Conglomerate with very angular clasts that are rimmed by rusty seams [clast supported sedimentary breccia] Grainsize: 3-20mm (granule to pebble size) Composition: 90% anglular (occassionally stretched) quartz clasts; 8% white clay altered feldspar; 2% black lithic phyllite clasts <1% matrix [clast-supported] Granshape: dominantly angular; occassionally subangular white clay alteration of feldspars is frequently limonite rust-stained Rust-staining along healed and opened fractures throughout entire unit Angular sedimentary breccia texture is most intense 62-82 meters. Unit also has repeated localized foliaton fabric with stretched quartz clasts and quartz ribbons rimmed by wispy grey aligned matrix seams at regular spacing [low grade shearing or depositional cleavage? --- where phyllite wedges are present So in phyllite is concordant to foliation observed in conglomerte matrix and contacts between phyllite and conglomerate are concordant to this folaition]	MT-CO	sbx	83.0%	gy	qtz	90	co	1
92.1	130.1	Turbidite Sequence: interbedded coarse to medium grained sandstone and granule to pebble size conglomerate with densely spaced, predominantly high core angle quartz veining. 92.10-102.00m: frequent interbedding between phyllite and quartz veined sandstone. Contacts of interbeds are concordant to phyllite bedding cleavage and frequently terminate (fault) veining in sandstone beds. 102.00-114.00m: occassional phyllite interbedding sanstone; intensely pyrite mineralized interval between 108.25-108.65 meters. 114.00-125.00m: coarse grained sandstone that transitions from granule size conglomerate into pebble size conglomerate in downhole direction 125.00-131.10m: frequent, narrow (<15cm thick), interbedded phyllite wedges that are not always fully penetrative	MT-Phy		7.0%	n			co	1
92.1	130.1	Quartz veining in turbidite sequence is predominantly high core angle and of variable orientation. 92.10-102.00m: frequent interbedding between phyllite and quartz veined sandstone. Contacts of interbeds are concordant to phyllite bedding cleavage and frequently terminate (fault) veining in sandstone beds. 125.00-130.10m: frequent angular phyllite and green chlorite wedges in quartz veining	QZVN		17.0%	w			co	1
92.1	130.1	Turbidite Sequence: interbedded coarse to medium grained sandstone and granule to pebble size conglomerate with densely spaced, predominantly high core angle quartz veining. 92.10-102.00m: frequent interbedding between phyllite and quartz veined sandstone. Contacts of interbeds are concordant to phyllite bedding cleavage and frequently terminate (fault) veining in sandstone beds. 102.00-114.00m: occassional phyllite interbedding sanstone; intensely pyrite mineralized interval between 108.25-108.65 meters. 114.00-125.00m: coarse grained sandstone that transitions from granule size conglomerate into pebble size conglomerate in downhole direction 125.00-131.10m: frequent, narrow (<15cm thick), interbedded phyllite wedges that are not always fully penetrative	MT-CO	pbl	33.0%	gy	qtz	90	co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
Plunge:	60	Azimuth:	160	EOH:	306		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
92.1	130.1	Turbidite Sequence: interbedded coarse to medium grained sandstone and granule to pebble size conglomerate with densely spaced, predominantly high core angle quartz veining. 92.10-102.00m: frequent interbedding between phyllite and quartz veined sandstone. Contacts of interbeds are concordant to phyllite bedding cleavage and frequently terminate (fault) veining in sandstone beds. 102.00-114.00m: occassional phyllite interbedding sanstone; intensely pyrite mineralized interval between 108.25-108.65 meters. 114.00-125.00m: coarse grained sandstone that transitions from granule size conglomerate into pebble size conglomerate in downhole direction 125.00-131.10m: frequent, narrow (<15cm thick), interbedded phyllite wedges that are not always fully penetrative	MT-SS	cgr	43.0%	gy	qtz	90	co	1
130.1	134.55	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]	QZVN	bx	100.0%	g		100	co	3
134.55	146.55	Intensely angular clasts in Quartz Conglomerate [sedimentary breccia?] with 1% rust-stained matrix seams surrounding 0.5-2cm diameter angular clasts. Narrow (generally 2-20cm wide) phyllite wedges throughout unit with contacts with conglomerate concordant to phyllite bedding cleavage (So). Quartz veining in unit tends to be 2-5cm thick with rust-stained tension cracks.	QZVN		3.0%	w			co	1
134.55	146.55	Intensely angular clasts in Quartz Conglomerate [sedimentary breccia?] with 1% rust-stained matrix seams surrounding 0.5-2cm diameter angular clasts. Narrow (generally 2-20cm wide) phyllite wedges throughout unit with contacts with conglomerate concordant to phyllite bedding cleavage (So). Quartz veining in unit tends to be 2-5cm thick with rust-stained tension cracks. Texture of phyllite interbeds too fine-grained to determined exact composition. Lower contact of unit marks fading of extreme quarz clasts angularity and presence of broader phyllite interbeds.	MT-Phy		12.0%	n			co	1
134.55	146.55	Intensely angular clasts in Quartz Conglomerate [sedimentary breccia?] with 1% rust-stained matrix seams surrounding 0.5-2cm diameter angular clasts. Narrow (generally 2-20cm wide) phyllite wedges throughout unit with contacts with conglomerate concordant to phyllite bedding cleavage (So). Quartz veining in unit tends to be 2-5cm thick with rust-stained tension cracks. Conglomerate -- Grainsize: 0.5-2cm Conglomerate -- Grainsahpe: angular Conglomerate -- Composition: 90% Qtz; 8% Feldspar; 2% black lithich Phyllite clasts Feldspars are clay altered and preferentially rust-stained in comparison to quartz clasts. Lower contact of unit marks fading of extreme quarz clasts angularity and presence of broader phyllite interbeds.	MT-CO	sbx	85.0%	gy			co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
Plunge:	Azimuth:	EOH:					
60	160	306					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
146.55	171.06	Quartz veining in conglomerate white interbedded phyllite wedges occurrs as generally 3-10cm thick, vuggy veinlets. Veins in phyllite interbeds tend to be <2cm thick, unless located at contacts between phyllite and conglomerate. Variable vein orienations. [see point structures] 149.3-150.0m massive quartz vein (~55TCA) Intensely pyrite mineralized, grey quartz vein breccia from 167.0-169.15m near lower contact of unit.	QZVN		10.0%	w			co	1
146.55	171.06	Quartz Pebble Conglomerate with interbedded phyllite wedges. Phyllite wedges are not always fully penetrative. Contacts between conglomerate and phyllite interbeds are concordant to phyllite compositional bedding cleavage (So). Compositon of phyllite too fine-grained to determine exact composition.	MT-Phy		15.0%	n			co	1
146.55	171.06	Quartz Pebble Conglomerate with interbedded phyllite wedges. Phyllite wedges are not always fully penetrative. Contacts between conglomerate and phyllite interbeds are concordant to phyllite compositional bedding cleavage (So). Conglomerate -- Composition: 88% grey quartz; 10% altered feldspar; 2% black lithic phyllite clasts Grainsize: 4-8mm Grainshape: subangular Feldspar has buff-creme iron-carbonate alteration from 146.55-~157.62m. Feldspar appears rust-stained and white (where unstained) from ~157.62-169.15m.	MT-CO	pbl	75.0%	gy	qtz	88	co	1
171.06	179.5	Quartz Veining in phyllite unit is generally <3mm thick occassionally intensely folded. 171.4-171.6m semi-massive quartz veining with prominent iron-carbonate patches and weakly brecciated texture	QZVN		20.0%	w			co	1
171.06	179.5	Black, foliated phyllite with lamellar grey silt interbedding. Upper contact with conglomerate is hard and competent at 60TCA concordant to phyllite bedding cleavage (So). Lower contact is defined by gouge fault. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		80.0%	n			co	1
179.5	203.2	Quartz Veining in quartz conglomerate occurrs predominantly as 1-4cm thick high core angle 65-75TCA barren quartz veinlets with well-defined vein boundaries. Veins are densely spaced with up to 4 veinlets per 50cm. Veins are generally barren. However unit features an intensely mineralized zoned of brecciated quartz veining from 179.5-180.4m at upper contact. Matrix of breccia is intensely pyrite mineralized. Quartz Veining becomes broader and semi-massive towards lower contact of unit between 194.70-202.13 meters.	QZVN		15.0%	w			co	1

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
179.5	203.2	Clast-supported Quartz-Pebble-Conglomerate (QPC): Grainsize: 4-6mm Grainshape: subangular Composition: 90% quartz; 9% altered feldspar; 1% black lithic phyllite clasts ~1% Matrix in form fo grey-green seams that surround clasts and that show frequent alignment Unit is weakly rust-stained throughout. White clay alteration of feldspars is frequently overprinted by rust-staining. Unit is generally poorly mineralized. However an intensely mineralized zoned of brecciated quartz veining from 179.5-180.4m at upper contact. Matrix of breccia is intensely pyrite mineralized. ~15cm gouge fault at upper contact.	MT-CO		85.0%	gy	qtz	90	co	1
203.2	241.83	Quartz veining generally occurs as very thin (<0.5cm thick), dusty white vein seams which are predominantly foliation discordant and often deformed. Broad deformed quartz veining just above lower contact of phyllite unit (with conglomerate below) with prominent iron carbonate vein patches. [238.30-241.83m]	QZVN		2.0%	w			co	1
203.2	241.83	Black, foliated Phyllite with lamellar, grey silt interbedding. Core angle of compositional bedding cleavage So generally consistent at ~25TCA throughout entire unit. Texture of phyllite too fine-grained to determine exact composition. Silt occassional as broad 50-80cm wide interbed in lower part of unit [see sample log]. Quartz veining generally occurs as very thin (<0.5cm thick), dusty white vein seams which are predominantly foliation discordant and often deformed. Broad deformed quartz veining just above lower contact of phyllite unit (with conglomerate below) with prominent iron carbonate vein patches. [238.30-241.83m]	MT-Phy		98.0%	n			co	1
241.83	249	silt interbedding and folded phyllite wedge bisected by 5TCA goueg seam near lower contact	MT-SLT		1.0%	gy			co	1
241.83	249	Quartz veining in matrix supported conglomerate is generally <3cm thick and hig core angle. Some broader (up to 40cm thick) semi-massive veining towards lower contact of interval at lithological contact between congomerate and phyllite unit below	QZVN		4.0%	w			co	1
241.83	249	matrix supported Quartz Pebble Conglomerate [QPC] with rather diffuse grey quartz clasts. QPC -- Composition: 88% grey quartz; 10% white, altered feldspar; 2% black lithic phyllite clasts QPC -- Matrix: ~ 8% matrix in form of fine to medium graind quartz & phyllite clasts + otherdark fine-grained materials QPC -- Grainshape: subangular [took library sample] silt interbedding and folded phyllite wedge bisected by 5TCA goueg seam near lower feldspars have white clay alteration unti l~246.7 and buff iron carbonate alterarion with in zone of faulting along low core angle interbedding of silt-phyllite and conglomerate at lower contact of unit	MT-CO	pbl	95.0%	gy	qtz	88	co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	60	160	306				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
249	277.2	Generally only very minor, thin (<5mm thick) veinlets, except for an intensely vein zone at upper contact of unit. 249.00-254.85m: Deformed ,folded, densely spaced quartz-iron-carbonate veining -- frequent folded and boudinaged at upper contact of phyllite unit (with conglomerate above). Multiple gouge seams concordant to compositional bedding cleavage of phyllite just below upper contact of interval.	QZVN		2.0%	w			co	1
249	277.2	Folded and foliated black Phyllite with minor grey, lamellar, silt interbedding. Texture of phyllite too fine-grained to determine exact composition. Generally only very minor, thin (<5mm thick) veinlets, except for an intensely vein zone at upper contact of unit. 249.00-254.85m: Deformed ,folded, densely spaced quartz-iron-carbonate veining -- frequent folded and boudinaged at upper contact of phyllite unit (with conglomerate above). Multiple gouge seams concordant to compositional bedding cleavage of phyllite just below upper contact of interval.	MT-Phy		98.0%	n			co	1
277.2	285.15	Quartz veining is generally <3cm, occassionally vuggy and occurs at variable core anlges. Veining is concentrated into grey sandstone interbeds	QZVN		2.0%	w			br	1
277.2	285.15	Coarse to medium grained, interbedded grey and black sandstone with high degree of fragmentation and slightly friable at upper contact: 277.20-279.70 grey sandstone 279.20-281.70 black sandstone 281.70-282.10 grey sandstone 282.10-285.15 black sandstone GREY SANDSTONE: Composition: 80% grey quartz; 18% buff, altered feldspar; 2% black lithic phyllite clasts Matrix: <1% Grainshape: angular to subangular Grainsize: 1-2.5mm [poorly sorted] Grey sandstone hosts more quartz veining than black sandstone and is generally harder [cannot easily be scratched with carbite tip].	MT-SS	gy	30.0%	gy			br	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-026	Grant No.:	YC72447
Plunge:	60	Azimuth:	160	EOH:	306		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
277.2	285.15	Coarse to medium grained, interbedded grey and black sandstone with high degree of fragmentation and slightly friable at upper contact: 277.20-279.70 grey sandstone 279.20-281.70 black sandstone 281.70-282.10 grey sandstone 282.10-285.15 black sandstone BLACK SANDSTONE: Composition: 70% quartz; 25% white, altered feldspar; 5% lithic phyllite fragments Matrix: ~3% black fine grained clay matrix [black sandstone can easily be scratched with carbite tip Grainshape: subangular Grainsize: 0.5-2mm [poorly sorted]	MT-SS	n	68.0%	n	qtz	70	co	1
285.15	306	Quartz Veining in coarse-grained sandstone is of variable width and appears barren. Generally milky white and only occassionally vuggy. [see point structures table]	QZVN		5.0%	w			co	1
285.15	306	Coarse grained, grey sandstone that locally grades into granule size. Composition: 84% grey quartz; 15% buff altered feldspar; 1% black phyllite lithics Matrix: <1% Grainsize: 0.5-3mm [poorly sorted] Grainshape: feldspar clasts are intensely angular; quartz clasts are grey and have very diffuse contact boundaries	MT-SS	cgr	95.0%	gy	qtz	84	co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
0	37	white clay alteration of feldspar clasts in sandstone and conglomerate sequence with densely distributed quartz veining; frequentely stained by limonite alteration	cy	2	smgr	o
0	36.3	orange-brown rust-staining in rock matrix, in healed fractures, on opend fractuers, quartz vein vugs and staining feldspar clasts in sandstone and conglomerate wallrock	LIM	3	perv	w
36.3	37	intense, pervasive, orange-brown rustaining in sandstone-conglomerate sequence that overlies lithological contact with phyllite unit below	LIM	4	perv	m
37	51.9	orange-brown rust-staining along foliation and along healed and opened fractures	LIM	1	frac	g
44	45.4	prominent, massive chlorite wedges in foliation concordant quartz veinlets in phyllite	chl	3	vn	o
51.9	92.1	white clay alteration of feldspar clasts	cy	2	smgr	w
51.9	92.1	pervasive orange brown rust-staining along healed and open fractures, as rust-seams rimming angular clasts and staining clay alteration of feldspar clasts	LIM	3	perv	o
92.1	130.1	white clay alteration of feldspar clasts	cy	2	smgr	o
92.1	130.1	pervasive orange brown rust-staining along healed and open fractures, as rust-seams rimming angular clasts and staining clay alteration of feldspar clasts	LIM	3	perv	w
96	99.35	red-brown hematite staining in quartz veining and wallrock	hem	3	vn	r
96	96.2	green chlorite wedges in phyllite interbed matrix	chl	4	perv	g
107.92	116.55	grey-greenish hue in sandstone beds	chl	1	perv	g
121.2	125.1	grey-greenish hue in sandstone interbeds withing conglomerate-sandstone sequence with gradational transitions	chl	1	perv	g

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
125.1	126.5	aligned, solid green chlorite wedges in quartz veining and in interspersed aligned, bedded phyllite wedges in conglomerate	chl	3	vn	g
130.1	134.55	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]	sco	4	vn	g
134.55	146.55	pervasive orange brown rust-staining on matrix, feldspar clasts and along fractures and vein boundaries	LIM	3	perv	o
134.55	146.55	white clay alteration of feldspar clasts, which is frequently rust-stained by concurrent limonite alteration	cy	2	smgr	w
145.1	145.25	intensely rust-stained, friable subinterval in conglomerate-breccia	LIM	4	perv	o
146.55	157.62	only minor orange-brown rust coating along fracture and occassional rust-staining of feldspar clasts	LIM	1	frac	bf
146.55	157.62	buff-crème alteration of feldspar clasts in quartz pebble conglomerate	fecb	1	smgr	bf
155.5	157.62	densely spaced, variable orienation 4-10cm thick quartz veinis in phyllite-conglomerate interbedding with prominent buff-crème iron carbonate patches; several veins contain angular phyllite wedges; also angluar vein wedges within phyllite; veining occassionally cut-off by phyllite interbed contacts	fecb	3	vn	o
157.62	169.15	white clay alteration of feldspar clasts in conglomerate	cy	1	smgr	w
157.62	169.15	orange-brown rust coating along fracture and occassional rust-staining of feldspar clasts	LIM	2	frac	o
167	169.15	grey pervasive alteration overprinting brecciated quartz veining with pyrite matrx mineralization -- hosted in conglomerate	SIL	2	perv	gy
171.4	171.6	large crème-yellow iron-carbonate patches on deformed quartz veining in phyllite	fecb	4	vn	bf
180.4	171.6	orange-brown rust coating along fracture and occassional rust-staining of feldspar clasts	LIM	1	perv	w
180.4	171.6	white clay alteration of feldspar clasts in conglomerate	cy	1	smgr	o
201.2	204.1	buff-crème iron-carbonate patches in veining and as random seams and patches in phyllite matrix	fecb	3	vn	bf
201.35	201.95	green chlorite wedges together with iron-carbonate alteration in deformed veining in phyllite wedge interbed above lithological contact between conglomerate and phyllite.	chl	2	vn	g
238.3	241.83	pyrite and occassional chalcopyrite disseminated in vuggy quartz-iron carbonate veining in zone of deforamation in phyllite at lithologica (faulted) contact Broad deformed quartz veining just above lower contact of phyllite unit (with conglomerate below) with prominent iron carbonate vein patches.	fecb	3	vn	bf
241.83	246.7	white, pitted, powedered clay alteration of feldspar clasts in clast-supported QPC	cy	3	smgr	w
246.7	249	buff-crème iron-carbonate alteration of feldspar clasts	fecb	3	smgr	bf
249	254.85	Deformed ,folded, densely spaced quartz-iron-carbonate veining -- frequent folded and boudinaged at upper contact of phyllite unit (with conglomerate above). Multiple gouge seams concordant to compositional bedding cleavage of phyllite just below upper contact of interval.	fecb	3	vn	bf
277.2	285.15	iron-carbonate alteration of feldspar clasts in sandstone	fecb	2	smgr	bf
282.1	285.15	occassional pyrite mineralized, buff-crème iron carbonate veinlets in black sandstone with phyllite detrital source	fecb	1	vn	bf
285.15	306	buff-crème iron-carbonate alteration of angular feldspar clasts in grey sandstone	fecb	2	smgr	bf
297	306	occassional orange-brown rust-staining along open fracture surfaces	LIM	1	frac	o

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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
31.1	31.5	FZ	300.0%	DBSZ	crushed and softened, rust-stained interval with a softened intensely foliated conglomerate block with light grey chloritized seams along foliation at ~4mm spacing [low grade brittle-ducitile shearing]; high quartz content, but iron-stained feldspar clasts discernible
64.1	67.8	SZ	100.0%	DSZ	possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
75.62	75.9	FZ	300.0%	BFZ	gouged phyllite interbed with vuggy, rust-stained quartz vein fragments contacts are concordant to So in phyllite and to alignment in conglomerate matrix
90.4	92.1	QZVN	300.0%	SHTV	densely spaced, ribboned, folation concordant, flex-folded quartz veins over 2 meter interval above contact with zone of brittle deformation; some veins are up to 20cm thic but contain aligned, chloritic, partially penetrative seams that are concordant to vein contacts [65TCA]
92.1	100.8	FZ	100.0%	BFZ	high degree of fragmentation, rust-staining, occasional partial softening and some interspersed narrow gouge wedges
99.35	99.63	FZ	300.0%	BFZ	80TCA bedded phyllite that terminates veining in sandstone bed above and contains ~15cm thick gouge section
108.25	108.65	QZVN	300.0%	bx	diffuse semi-massive quartz vein with brecciated appearance in form of angular sandstone wallrock inclusions and massive, fine grained pyrite clusters
112.6	113.1	FZ	200.0%	BFZ	softened, friable core along ~75TCA bedding cleavage
130.1	134.55	QZVN	400.0%	DBSZ	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]
149.3	150	QZVN	300.0%		massive quartz vein
152.7	153.1	FZ	300.0%	BFZ	intensely rust-stained, weathered, friable and fragmented interval with both conglomerate and phyllite source material
155.5	157.62	QZVN	100.0%	bx	densely spaced, variable orienation 4-10cm thick quartz veinis in phyllite-conglomerate interbedding with prominent buff-crème iron carbonate patches; several veins contain angular phyllite wedges; also angluar vein wedges within phyllite; veining occassionally cut-off by phyllite interbed contacts
160.1	161	FZ	300.0%	BFZ	dark yellow-brown iron-stained, softened fragments and gouge
163.1	166.6	QZVN	100.0%	bx	Several broad massive (~40cm thick) quartz veins [45TCA] some with repeated healed fractures along 30TCA within conglomerate wallrock. Veins are vuggy and frequently contain angular phyllite wedges. Conglomerate clasts appear angluar and several small veins appear to blurr into matrix with aligned matrix seams occassionally crossing vein boundares.
167	169.15	QZVN	300.0%	bx	Grey, diffuse, brecciated quartz veining with a multitude of pyrite stringers and massive fine-grained pyrite clusters. Boundaries between quartz veining and conglomerate are indistinct. Zone also contains several cloudy white, ~4cm thick, 45TCA quartz veins.
173.3	173.6	FZ	300.0%	BFZ	gouged, dark orange-brown rust-stained fault in phyllite concordant to phyllite beddin cleavage [see point structures]
179.36	179.5	FZ	400.0%	BFZ	brown-black gouge fault with predominantly phyllite source materail emplaced alongside foliation concordant quartz veining along So (50TCA).
179.5	180.4	QZVN	300.0%	bx	Intensely mineralized zoned of brecciated quartz veining from at upper contact of conglomerate unit. Matrix of breccia is intensely pyrite-arsenopyrite mineralized. Arsenopyrite is very fine-grained.
186.84	187.9	FZ	200.0%	BFZ	coarsely fragmented, partially friable conglomerate fragments with grittly sandy silt coating

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From	To	Mineral	Intensity	Distribution	Comments
201.95	204.1	QZVN	200.0%	BFZ	massive quartz veining, phyllite interbedding with deformed quartz-iron-carbonate-chlorite veining, fragmentation and friable core at lithological contact between conglomerate and phyllite pyrite mineralization in quartz veining [no gouge component]
209.9	210.1	FZ	300.0%	BFZ	friable fragments and gouge coating along compositional bedding cleavage in phyllite fault marks change in beta angle of So in phyllite from ~345 to ~200 (alpha remains consistent at 25-30TCA)
227.3	227.4	FZ	300.0%	BFZ	gouged, friable fragments in phyllite bounded by competent rock
238.3	241.83	QZVN	300.0%	BFZ	Broad deformed quartz veining just above lower contact of phyllite unit (with conglomerate below) with prominent iron carbonate vein patches. Friable and intensely fragmented in lowermost 60cm of interval. Disseminated pyrite and chalcopyrite in veining. Angular phyllite wedge inclusions between densely spaced veining.
249	254.85	QZVN	200.0%	bx	Deformed ,folded, densely spaced quartz-iron-carbonate veining -- frequent folded and boudinaged at upper contact of phyllite unit (with conglomerate above). Multiple gouge seams concordant to compositional bedding cleavage of phyllite just below upper contact of interval.
277.2	281.5	FZ	100.0%	BFZ	high degree of fragmentation below lithological contact between phyllite (above) and sandstone (below); partially softened and friable with narrow gouge seams
288	288.5	FZ	100.0%	BFZ	angluar, partially friable sandstone fragments with gritty sandy clay coating
298.9	301.7	FZ	100.0%	BFZ	Blocky with high degree of fragmentation in form of angluar, partially friable sandstone fragments with gritty sandy clay coating

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
108.25	108.65	diffuse semi-massive quartz vein with brecciated appearance in form of angular sandstone wallrock inclusions and massive, fine grained pyrite clusters	py	10	vn
109.35	109.5	vein concordant pyrite stringers in 80TCA, massive quartz vein	py	1	vn
131.1	134.55	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]	py	6	vn
131.1	134.55	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]	asp	4	vn
131.1	134.55	Scorodite mineralized quartz breccia with angular 0.5-4cm diameter quatz clasts surrounged by ~10 arsenopyrite-pyrite matrix. Green scorodite-after-pyrite alteration in healed fracture and as coating along open fractures. About 50% of interval is coarsely fragmented with gritty sandy clay coating. Polished 10TCA surface @~133.5 meter with slickensiding lineations along aresnopyrite coated surface [gamma angle = 40 degrees]	sco	1	vn
155.5	157.62	fine-grained disseminated pyrite + coarse grained, euhedral blebs and clusters in vuggy, highly deformed quartz veining in tightly interbedded phyllite-conglomerate sequence with prominent iron-carbonate alteration patches	py	0.5	vn
167	169.15	Grey, diffuse, brecciated quartz veining with a multitude of pyrite stringers and massive fine-grained pyrite clusters. Boundaries between quartz veining and conglomerate are indistinct. zone also contains several cloudy white, ~4cm thick, 45TCA quartz veins.	py	10	vn
168.7	169	possible scorodite fracture coating in brecciated quartz veining with py-asp matrix on 40TCA fracture	sco	0.1	frac
169.15	171.06	fine-grained disseminated pyrite in quartz veining	py	0.1	vn

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From:	To:	Comments	Mineral	Percent	Distribution
171.06	173.3	pyrite blebs in phyllite matrix + in foliation discordant ~35TCA seams that intersect So in phyllite at an acute intersection angle of 65 degrees	py	1	diss
171.06	179.36	fine-grained disseminated, euhedral pyrite in seams along foliation in phyllite	py	0.4	fol
179.36	180.4	Intensely mineralized zone of brecciated quartz veining from 179.5-180.4m at upper contact. Matrix of breccia is intensely pyrite mineralized.	py	8	vn
179.5	180.4	Intensely mineralized zoned of brecciated quartz veining from at upper contact of conglomerate unit. Matrix of breccia is intensely pyrite-arsenopyrite mineralized. Arsenopyrite is very fine-grained.	asp	2	vn
201.95	204.1	massive quartz veining, phyllite interbedding with deformed quartz-iron-carbonate-chlorite veining, fragmentation and friable core at lithological contact between conglomerate and phyllite pyrite mineralization in quartz veining [no gouge component]	py	0.3	vn
228.3	241.83	pyrite and occassional chalcopyrite disseminated in vuggy quartz-iron carbonate veining in zone of deforamation in phyllite at lithologica (faulted) contact	cpy	0.05	vn
238.3	241.83	pyrite and occassional chalcopyrite disseminated in vuggy quartz-iron carbonate veining in zone of deforamation in phyllite at lithologica (faulted) contact	py	0.4	vn
245	246	small pyrite bleb in 48/050 quartz veinlet	py	0.01	vn
249	254.85	disseminated pyrite and pyrite stringers in Deformed ,folded, densely spaced quartz-iron-carbonate veining -- frequent folded and boudinaged at upper contact of phyllite unit (with conglomerate above). Multiple gouge seams concordant to compositional bedding cleavage of phyllite just below upper contact of interval.	py	0.4	vn
277.2	282.1	disseminated pyrite in quartz veining in grey sandstone interbeds	py	0.3	vn
282.1	285.15	disseminated pyrite and pyrite stringer veinlets in black sandstone with phyllite clay mineral rich detritral source	py	0.8	diss
301.7	305	fine-grained disseminated pyrite and occassional blebs in sheeted quartz veining [30/100]	py	0.2	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
20	Cleavage		Ssh	LIM		80			strecthed subangular quartz clasts rimmed by rusty matrix seams in pure quartz breccia
21	Cleavage		Ssh	chl		60			strecthed quartz clasts rimmed by grey matrix seams at 4mm spacing
25	Cleavage		Ssh			65			segment of conglomerate within semi-massive quart veine with aligned streched quartz clasts and rust-stained feldspar rimmed by rusty matrix seams at ~6mm spacing
25.3	Veins				Veinlets	55			repeated veinlet orienation in rust-stained conglomerate
26.3	Cleavage		Ssh			58			conglomerate with aligned streched quartz clasts and rust-stained feldspar rimmed by rusty matrix seams at ~6mm spacing
30.1	Joints			LIM		30			repeated, parallel, healed, rust-stained tension cracks in sandstone
30.4	Cleavage		Ssh			60			alignement of wispy grey, partially penetrative seams at ~1cm spacing in sanstone
30.5	Veins				FOL	60			repeated vein orienation in sandstone
30.6	Cleavage		Ssh			60			alignement of wispy grey, partially penetrative seams at ~1cm spacing in sanstone
31.1	Cleavage		Ssh	chl	Gouge	60			crushed and softened, rust-stained interval with a softened intensely foliated conglomerate block with light grey chloritized seams along foliation at ~4mm spacing [low grade brittle-ducitile shearing]
32.9	Faults			LIM	lim	30			densely spaced, vuggy, rusty seams that offset 60TCA, foliation concordant quartz veining by about 2cm acute intersectiona angle of fault fractures with foliation: ~ 80 degrees

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
36.6	Bedding		So		LV	45			compositional bedding cleavage in sand-silt sequence near lithological contact between sandstone and phyllite
37.6	Veins				Veinlets	60			repeated 3-5cm thick quartz veins in phyllite below lithological contact
38	Bedding		So			75			compositional bedding cleavage in phyllite
38.4	Axial Plane					55			cink folds in phyllite with 0.5cm amplitude and 2.5cm wavelength
39.5	Bedding		So			65			compositional bedding cleavage in phyllite
42	Bedding		So			75	150		compositional bedding cleavage in phyllite
44	Veins			chl	FOL	65			prominent, massive chlorite wedges in quartz veining
45	Bedding		So			75			compositional bedding cleavage in phyllite
47.8	Bedding		So		FOL	55			compositional bedding cleavage in phyllite
47.9	Veins				FOL	55			foliation concrdatn, vuggy, 2-4cm thick quartz veinlets in phyllite
48	Veins				SHTV	50			densely spaced quartz veinlets with multiple rust-stained quartz veinlets
50.7	Veins				bx matrix	50			rust-stained quartz veining with multiple angular phyllite clasts within ~5cm thick vein
51	Bedding		So		Gouge	50			friable core and gouge wedges along compositional bedding plane in phyllite
51.5	Veins				SHTV	50			foliation concordant quartz vein wedges in brittle-ductile faulted interval
53.5	Veins				Veinlets	10	260		repeated vein orientation in conglomerate
53.8	Cleavage		Sx			50	240		wispy, partially penetrative, grey seams at ~1cm spacing in conglomerate
56	Cleavage		Sx			50			wispy, partially penetrative, grey seams at ~1cm spacing in conglomerate
58	Cleavage		Sx			55			wispy, partially penetrative, grey seams at ~0.5cm spacing in conglomerate
59.8	Cleavage		Sx			65	345		wispy, partially penetrative, grey seams at ~1cm spacing in conglomerate
61.2	Cleavage		Sx			65			aligned, partially penetrative chlorite seams in massive, partially fragmented quartz vein
62.8	Veins				SHTV	15	230		repeated vein orienation in conglomerate with intensely angular clasts
64.8	Cleavage		Sx			65			possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
65	Veins				FOL	65			possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
66	Cleavage		Sx			70	330		possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
67.6	Cleavage		Sx			65			possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
67.8	Veins				FOL	65			possibly low grade shearing in Quartz Conglomerate: Stretched and frequently ribboned quartz clasts surrounded by rusty matrix seams at regular (~4mm) spacing and frequent ribboned, foliation concordant quartz veining which appears with rather indistinct boundaries.
68.7	Bedding		So			60			compositional bedding cleavage in repeated narrow phyllite wedges in conglomerate with intensely angular clasts Note: compositional bedding cleavage in phyllite wedges appears concordant to folaition in surrounding conglomerate

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
69.4	Contact				FOL	60			contact between narrow phyllite wedge and conglomerate: concordant to compositional bedding cleavage in phyllite
72	Cleavage		Sx			60	335		grey, thin, aligned matrix seams that surround clasts in angular quartz conglomerate
72.4	Veins				FOL	60			repeated quartz vein orienation
73.3	Veins				SHTV	80			repeated quartz vein orienation
74.8	Veins					45	270		repeated quartz vein orientation
77	Veins				SHTV	35			repeated quartz vein orienation with diffuse vein boundaries
78.42	Veins				bx matrix	48			~1m thick, massive quartz vein with angular random, phyllite wedge inclusions
81	Veins				SHTV	60			densely spaced quartz veinlets with rust-stained feldspar clasts intruding into vein boundaries
83	Cleavage		Sx	LIM		65	150		Stretched subangular quartz clasts and quartz ribbons surrounded by rusty matrix seam at ~0.5-1cm spacing. Occassional rusty, pitted feldspar clasts in matrix.
83.2	Veins			LIM	SHTV	65	150		Stretched subangular quartz clasts and quartz ribbons surrounded by rusty matrix seam at ~0.5-1cm spacing. Occassional rusty, pitted feldspar clasts in matrix.
84.9	Veins				Veinlets	25	150		vein orientation in rust-stained conglomerate
85.1	Veins			LIM	SHTV	60	150		Stretched subangular quartz clasts and quartz ribbons surrounded by rusty matrix seam at ~0.5-1cm spacing. Occassional rusty, pitted feldspar clasts in matrix.
85.2	Cleavage		Sx	LIM		60	150		Stretched subangular quartz clasts and quartz ribbons surrounded by rusty matrix seam at ~0.5-1cm spacing. Occassional rusty, pitted feldspar clasts in matrix.
88	Cleavage		Sx			60	270		alignment of wipsy, partially penetrative grey seams at ~1cm spacing in rust-stained quartz conglomerate
89.7	Cleavage		Sx			60	230		alignment of wipsy, partially penetrative grey seams at ~4mm spacing in rust-stained quartz conglomerate
90.4	Veins				SHTV	65			densely spaced, ribboned, folation concordant, flex-folded quartz veins over 2 meter interval above contact with zone of brittle deformation
91	Cleavage		Sx			65			aligned wispy grey, partially penetrative seams in rock matrix
94	Veins			LIM	SHTV	60			repeated vein orientation
95	Bedding		So			60			compositional bedding cleavage in phyllite-silt interbed
96.1	Bedding		So	chl		50			aligned, green chlorite wedges in phyllite with compositional bedding cleavage
98.6	Faults				Gouge	80			~10cm thick gouge fault
98.6	Contact			hem		80			upper contact of hematized sandstone bed
98.7	Veins			hem	SHTV	80			undulated, ~3cm thick quartz veins in hematized sandstone bed
99.25	Veins			hem	Veinlets	25			two parallel quart veinlets in hematized sandstone bed that are cut of by contact with phyllite below
99.35	Contact				FOL	80			upper phyllite interbed contact that cuts of veining in hematized sandstone bed above
99.35	Contact			hem		80			lower contact of hematized sandstone bed
99.53	Faults				Gouge	75			10cm thick gouge wedge in phyllite bed concordant to So
101	Veins			LIM	SHTV	80			repeated (up to 15cm thick) vein orienation in rust-stained sandstone
102.4	Bedding		So			60			compositional bedding cleavage in phyllite interbed
103.5	Veins			LIM	SHTV	85			repeated, densely spaced high core angle quartz veins in rust-stained sandstone
105	Veins					85	330		repeated vein orientation in rust-stained sandstone
107.5	Bedding		So			65			compositional bedding cleavage in phyllite interbed
107.55	Veins				FOL	65			foliation concordant quartz veining in phyllite beds

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
107.75	Faults			LIM	Gouge	65			softened fragments and gouge wedges concordant to phyllite bedding cleavage at transition to quartz vein mineralized sandstone interbed
108.2	Veins				SHTV	35	335		repated veinlet orienation in pyrite mineralized zone
108.4	Veins			py	bx matrix	30	270		brecciated quartz veining with angular wall rock inclusions and massive, fine-grained pyrite clusters
109.5	Veins			py		80	185		massive, ~15cm thick quartz vein with contact concordant pyrite stringers
109.8	Veins				Veinlets	48	225		repeated vein orienation in sandstone
112.6	Faults				Gouge	80			softened core and partial gouging along compositional bedding cleavage
113.15	Veins				SHTV	65	160		repeated vein orienation in chloritized sandstone bed
113.25	Veins				SHTV	35	160		repeated vein orienation in chloritized sandstone bed
114.2	Veins				SHTV	80			densely spaced veins in chloritized sandstone - some with blurry boundaries that create angular wallrock inclustions
116.5	Veins					60			rust-stained, ~25cm thick quart vein with repeated chloritic seams concordant to vein contacts
118	Cleavage		Sx	LIM		60			alignment of rusty matrix surrounding clasts in granule size conglomerate sequence
118.1	Veins			LIM	FOL	60			frequent rust-stained, variable thickness quartz veining concordant to alignment/foliation in matrix
120.8	Cleavage		Sx			80			wispy grey, partially penetrative seams at irregular spacing within sandstone bed
121.1	Contact			LIM	FOL	80			upper contact of phyllite interbed with sandstone concordant to phyllite bedding cleavage
122.57	Faults			LIM	Gouge	90			softening and slight gouging concordant to 1cm thick phyllite band in conglomerate
123	Cleavage		Sx			55	290		alignment of dark grey chloritic matrix seams surrounding clasts in QPC interbed
125.9	Veins			chl	FOL	65	280		aligned, solid green chlorite wedges in quartz veining and in interspersed aligned, bedded phyllite wedges in conglomerate
125.9	Cleavage		Sx	chl		65	280		aligned, solid green chlorite wedges in quartz veining and in interspersed aligned, bedded phyllite wedges in conglomerate
127.93	Axial Plane		Fx			65			15cm phyllite wedge within conlgomerate with 3cm amplitude, close fold profile
129	Bedding		So			65	300		compositional bedding cleavage in phyllite interbed
129.5	Veins				bx matrix	50	135		semi-massive (~50cm thick) quartz veining with angular phyllite wedge inclusions in veining and in conglomerate wallrock
130	Faults				bx matrix	75			softened, gouged, foliated, ~5cm wedge of stretched quartz clasts in ribboned phyllite at lithological contact to higley mineralized quart breccia
130.8	Joints			sco	bx matrix	30			healed scorodite coated fractures in quartz vein breccia with asp-py matrix
132	Cleavage		Sx	asp	bx matrix	65	90		repeated mechanically induced cleavage in quart vein breccia with py-asp matrix in section of only minor brecciation
132.5	Veins		V2	asp	bx matrix	28	95		V2 is intensely brecciated and cross-cuts V1
132.5	Veins		V1	asp	bx matrix	45	200		repeated alignment of broad (up to 5cm diameter), angular quartz clasts rimmed by asp-py in quartz vein breccia also several original vein boundaries discernible.
134	Faults			sco	bx matrix	10		40	polished slickensided surface with chlorite and scorodite coating in quartz vein breccia with asp-py matrix [after V1 & V2]
134	Lineation			sco	bx matrix	10		40	polished slickensided surface with chlorite and scorodite coating in quartz vein breccia with asp-py matrix [after V1 & V2]
135	Cleavage		Sx	LIM	bx matrix	60			alignment of rusty seams in sedimentary breccia matrix
137.2	Cleavage		Sx	LIM	bx matrix	45	300		polished slickensided surface with chlorite and scorodite coating in quartz vein breccia with asp-py matrix

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Plunge: 60 **Azimuth:** 160 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
137.6	Veins			hem	bx matrix	55			brecciate, hematite stained, semi-massive quartz vein
138	Bedding		So			55			compositional bedding cleavage in phyllite interbed
138.15	Veins				FOL	55			multiple folded, foliation concordant veinlets
139.3	Faults			LIM	Gouge	30			phyllite gouge wedge in conglomerate along smooth, curved low core angle surface
140.2	Bedding		So			45	150		compositional bedding cleavage in phyllite interbed wedge
146	Veins		V2	LIM	Veinlets	80	220		V1 is off-set by V2
146	Veins		V1	LIM		10	90		V2 off-sets V1
147	Bedding		So			45	155		compositional bedding cleavage in phyllite interbed wedge
147.5	Veins				Veinlets	50			repeated vein orienation @ 50TCA; acute intersection angle with So in phyllite: ~85 degrees
149.3	Contact					55			upper contact of massive quartz vein
150	Contact					55			lower cotnact of massive quartz vein
150.5	Bedding		So			60			compositional bedding cleavage in phyllite interbed
153.8	Veins			py	Veinlets	40			pyrite stringer seams that intersect phyllite So at an acute angle of ~50degrees
153.8	Veins			py	FOL	55			voliation concordant quartz veinlets with fine-grained disseminate pyrite
155	Veins				SHTV	55			repeated vein orienation in conglomerate
157.1	Bedding		So	py		65			euhedral pyrite clusters within compositional bedding cleavage in phyllite interbed
159	Cleavage		Sx			60			alignment of matrix seams and stretching of quartz clasts in conglomerate
159.8	Axial Plane		Fx			65			axial planes of closed, ~2cm amplitude cinkfolds in phyllit bedding
162.4	Cleavage		So			80			multiple thin phyllite wedges; compositional bedding
163.8	Cleavage		Sx			60			alignment of rusty matrix seams and stretching of quartz clasts in conglomerate
165.8	Veins				SHTV	35			repeated veinlet orientation
167	Veins				Veinlets	40			repeated vein orientation in conglomerate that transitions into brecciated quartz veining
167.9	Veins			LIM	bx matrix	50	15		repeated, rusty healed fracture seams in brecciated quartz veining
168.4	Veins				Veinlets	40			repeated vein orientation in conglomerate that transitions into brecciated quartz veining
168.7	Joints			sco		40			possible scorodite fracture coating in brecciated quartz veining with py-asp matrix
169.3	Veins				SHTV	40	100		repeated vein orientation
170.1	Veins			py	SHTV	25	150		pyrite mineralized repeated vein orientation
171.2	Bedding		So			40	210		compositional bedding cleavage in phyllite
171.4	Veins			py	bx matrix	40	160		pyrite mineralized, intensely deformed (brecciated), iron-carbonate altered, foliation concordant quartz veining
173.3	Axial Plane		Fx		Gouge	50			flex-folding foliation at gouge fault contact
174	Bedding		So			55	210		compositional bedding cleavage in phyllite
174.7	Veins				Veinlets	70			tightly folded veinlets with axial plains of vein folding parallel to So in phyllite bedding
177.4	Bedding		So			40			compositional bedding cleavage in phyllite
178.5	Bedding		So			60			compositional bedding cleavage in phyllite-silt sequence
179.5	Faults				Gouge	48			lower fault contact: 15cm thick gouge wedge along phyllite bedding cleavage
179.51	Veins			py	Veinlets	48			pyrite mineralized, foliation concordant quartz veinlets below gouge wedge in phyllite
179.7	Veins			py	bx matrix	48			repated vuggy matrix vein orientation in brecciated quartz veining with py-asp matrix
180.3	Veins				bx matrix	90			mulitiple, parallel veinlets with angular phyllite clast inclusion and parallel to thin (~2cm thick) phyllite wedge interbed at lower bound of asp-py-quartz-vein-breccia

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Plunge: 60 **Azimuth:** 160 **EOH:** 306

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
181.6	Veins		V1		Veinlets	40	340		cut-off by V2
181.6	Veins		V2		Veinlets	70	330		repeated vein orienation
181.8	Veins				Veinlets	60	5		repeated vein orientation
181.9	Cleavage		Sx			70	200		alignment of chloritic matrix seams in conglomerate
182.7	Veins		V2		Veinlets	65	340		
182.7	Veins		V1		Veinlets	70	120		
184.2	Veins				SHTV	65	300		repeated vein orientation
185	Veins				SHTV	70	330		repeated vein orienation
186	Veins				SHTV	75	280		densely spaced quartz veining in conglomerate
186.4	Veins			py	SHTV	45	260		pyrite mineralized vein orientation
189	Veins				SHTV	80			repeated vein orienation in conglomerate
190	Veins				SHTV	50			densely spaced, parallel veinlets
191	Veins				Veinlets	70			repeated vein orienation
192	Cleavage		Sx			70			alignment of chloritic matrix seams surrounding conlgomerate clasts
193	Cleavage		Sx			68			alignment of chloritic matrix seams surrounding conlgomerate clasts
193	Veins				FOL	68			veining concordant to alignment of chloritic matrix seams surrounding conlgomerate clasts
194.5	Cleavage		Sx			68			alignment of chloritic matrix seams surrounding conlgomerate clasts
194.7	Veins					58			massive, ~40cm thick quartz vein
195.5	Veins					55			repeated vein orienation; veining appears semi-massive with diffuse boundaries
197	Cleavage		Sx			58			alignment of chloritic matrix seams surrounding conlgomerate clasts
197.2	Veins				FOL	55			massive quartz vein between 197.2-198.0m
201	Veins				SHTV	65			densely spaced veinlets concordant to alignment of chloritic matrix seams surrounding conlgomerate clasts
201.1	Cleavage		Sx			65			alignment of chloritic matrix seams surrounding conlgomerate clasts
204.9	Bedding		So			30			compositional bedding cleavage
207	Bedding		So			25	345		compositional bedding cleavage in phyllite
209.7	Bedding		So			28			compositional bedding cleavage in phyllite
209.9	Faults				Gouge	25			gouging concordant to So in phyllite
209.9	Faults				FOL	25			gouging concordant to So in phyllite
210.7	Veins				Veinlets	40			repeated vein seams that intersect So at an acute angle of 40 degrees
212	Veins		V1		TVA	30	205		cross-cut by V2; semi-penetrative tension seams concordant to phyllite So
212	Veins		V2	fecb	Veinlets	40	60		repeated iron-carbonate veinlets in phyllite
212.7	Bedding		So			30	200		compositional bedding cleavage in phyllite
213	Bedding		So			30	190		gouging concordant to So in phyllite
213.2	Veins				FOL	30	190		repeated veinlets in phyllite
215.5	Bedding		So			25	200		compositional bedding cleavage in phyllite
217	Bedding		So			25			compositional bedding cleavage in phyllite
218.5	Veins			fecb	BOUD	15			multiple off-set FeCB vein (off-set along 0TCA] -- boudinaged
219.5	Cleavage		So			25			compositional bedding cleavage in phyllite
222	Bedding		So			25			compositional bedding cleavage in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
224.4	Bedding		So			28	215		compositional bedding cleavage in phyllite
227.4	Veins				TVA	20			densely spaced veinlets
228.1	Veins				SHTV	35			repeated vein seams subconcordant to foliation
229.5	Bedding		So			50			compositional bedding cleavage in phyllite
230.5	Cleavage		S1			60	190		discnernible along parasitic fold profiles
230.5	Axial Plane		Fx			60	190		open folding with parasitic fold profiles over 50cm
230.8	Bedding		So			40	200		compositional bedding cleavage of phyllite
233.5	Bedding		So			30	40		compositional bedding cleavage in phyllite
237	Cleavage		S1			60			clearly discernible fabric
237	Bedding		So			20			compositional bedding cleavage in phyllite
239.2	Veins				bx matrix	30	225		angular phyllite clasts within densely spaced quartz veining
239.7	Veins				AXP	30	230		veins axial planar to multiple small scale fold profiles
240	Bedding		So			0			compositional bedding cleage in phyllite [folding]
240.3	Bedding		So			30	230		compositional bedding cleavage in phyllite
240.4				cpy	SHTV	30	245		vuggy, pyrite-chalcopyrite mineralized quartz iron-carbonate veining
240.77	Faults				Gouge	30			lowe contact of ~20cm thick gouge wedge
240.82	Axial Plane		Fx			50			mulitple axial planes of closed, ~1cm amplitude folding
242	Veins				Veinlets	50			repeated vein orienation in QPC
245	Veins				Veinlets	55	300		repeated vein orienation in QPC
245.5	Faults				Gouge	5			1cm thick gouge seam along silt interbed-conglomerte contact at low core angle
245.5	Faults				Gouge	5			1cm thick gouge seam along silt interbed-conglomerte contact at low core angle
245.5	Bedding		So			0			compositional bedding cleavage in silt interbed on upper side of fold axial plane
245.7	Veins			py		48	50		pyrite mineralized veinlet
248	Axial Plane		Fx			80			closed fold in phyllite wedge interbed
249.5	Faults				Gouge	35			gouge seams along So in phyllite
249.7	Veins			fecb	FOL	45			deformed quartz-iron-carbonate veining concordant to So in phyllite
249.7	Faults				FOL	35			gouge seams along So in phyllite
249.8	Bedding		So			50			compositional bedding cleavage in phyllite
252.2	Axial Plane		Fx			85			closed, 4cm amplitude fold profile in phyllite
253.6	Cleavage					45			compositional bedding cleavage in phyllite
255	Bedding		So			30	140		compositional bedding cleavage in phyllite
258.5	Bedding		So			25	55		compositional bedding cleavage in phyllite
259.6	Bedding		So			25	40		compositional bedding cleavage in phyllite
262.7	Bedding		So			35	120		compositional bedding cleavage in phyllite
266	Bedding		So			25	70		compositional bedding cleavage in phyllite
267.6	Axial Plane		Fx			60	230		repeated 5cm wavelength, 5mm amplitude cink folds in So
267.6	Bedding		So			25	70		compositional bedding cleavage in phyllite
271	Bedding		So			35	140		compositional bedding cleavage in phyllite
273	Bedding		So			35	130		compositional bedding cleavage in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
275.7	Bedding		So			60	120		compositional bedding cleavage in phyllite
276.5	Bedding		So			80	150		compositional bedding cleavage in phyllite
277.1	Faults				FOL	80			friable, partially gouged fragments along So of phyllite at lithological contact with sandstone unit below
277.2	Contact				Gouge	80			friable, partially gouged fragments along So of phyllite at lithological contact with sandstone unit below
281.7	Contact					50			black sandstone above, grey sandstone below
282.1	Contact					50	320		grey sandstone above, black sandstone below
282.6	Veins			fecb	SHTV	30	320		pyrite mineralized iron-carbonate veinlets in black sandstone
285.15	Contact					50			black sandstone below, grey sandstone below
286	Veins				Veinlets	30			vuggy, low core angle quartz veinlets
287.45	Veins								upper contact of ~50cm thick, fragmented, massive, vuggy quartz vein
291.5	Veins				Veinlets	45			repeated vein orienation in coarse grained sandstone
293.6	Veins				Veinlets	45			repeated (vuggy) vein orientaion
303	Veins			py	SHTV	30	100		fine-grained disseminated pyrite and occassional blebs in sheeted quartz veining [30/100]

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30737	13.5	15	2011	Expl Geochem	H-split	MT-CO.pbl
30738	15	18	2011	Expl Geochem	H-split	QZVN.bx
30739	18	21	2011	Expl Geochem	H-split	QZVN.bx
30740	21	23	2011	Expl Geochem	H-split	MT-CO.pbl
30741	23	25	2011	Expl Geochem	H-split	QZVN.bx
30742	25	27	2011	Expl Geochem	H-split	QZVN.bx
30743	27	29	2011	Expl Geochem	H-split	MT-CO.pbl
30744	29	31.1	2011	Expl Geochem	H-split	MT-SS.cgr
30745	31.1	33	2011	Expl Geochem	H-split	QZVN.bx
30746	33	35	2011	Expl Geochem	H-split	MT-CO.pbl
30747	35	36.3	2011	Expl Geochem	H-split	MT-CO.pbl
30748	36.3	37	2011	Expl Geochem	H-split	MT-SS.cgr
30749	37	39	2011	Expl Geochem	H-split	MT-Phy
30750	39	41	2011	Expl Geochem	H-split	MT-Phy
30751	41	43	2011	Expl Geochem	H-split	MT-Phy
30752	43	45	2011	Expl Geochem	H-split	MT-Phy
30753	45	47	2011	Expl Geochem	H-split	MT-Phy
30754	47	49	2011	Expl Geochem	H-split	MT-Phy
30755	49	51	2011	Expl Geochem	H-split	MT-Phy
30756	49	51	2011	STND	CDN-GS-8B	
30757	49	51	2011	DUP	Q-Split	

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30758	51	51.9	2011	Expl Geochem	H-split	MT-Phy
30759	51.9	54	2011	Expl Geochem	H-split	MT-CO.sbx
30760	54	56	2011	Expl Geochem	H-split	MT-CO.sbx
30761	56	58	2011	Expl Geochem	H-split	MT-CO.sbx
30762	58	60	2011	Expl Geochem	H-split	MT-CO.sbx
30763	60	62	2011	Expl Geochem	H-split	MT-CO.sbx
30764	62	64.1	2011	Expl Geochem	H-split	MT-CO.sbx
30765	64.1	66	2011	Expl Geochem	H-split	QZVN
30766	66	67.8	2011	Expl Geochem	H-split	QZVN
30767	67.8	70	2011	Expl Geochem	H-split	MT-CO.sbx
30768	70	72	2011	Expl Geochem	H-split	MT-CO.sbx
30769	72	74	2011	Expl Geochem	H-split	MT-CO.sbx
30770	74	75.62	2011	Expl Geochem	H-split	MT-CO.sbx
30771	75.62	75.9	2011	Expl Geochem	H-split	MT-Phy
30772	75.9	78.42	2011	Expl Geochem	H-split	MT-CO.sbx
30773	78.42	79.54	2011	Expl Geochem	H-split	QZVN
30774	79.54	81	2011	Expl Geochem	H-split	MT-CO.sbx
30775	81	83	2011	Expl Geochem	H-split	MT-CO.sbx
30776	83	85	2011	Expl Geochem	H-split	MT-CO.sbx
30777	85	87	2011	Expl Geochem	H-split	MT-CO.sbx
30778	87	89	2011	Expl Geochem	H-split	MT-CO.sbx
30779	89	90.4	2011	Expl Geochem	H-split	MT-CO.sbx
30780	90.4	92.1	2011	Expl Geochem	H-split	QZVN
30781	92.1	94	2011	Expl Geochem	H-split	MT-CO
30782	94	96	2011	Expl Geochem	H-split	MT-SS
30783	96	98.63	2011	Expl Geochem	H-split	MT-Phy
30784	98.63	99.35	2011	Expl Geochem	H-split	MT-SS
30785	99.35	101	2011	Expl Geochem	H-split	MT-SS
30786	101	103	2011	Expl Geochem	H-split	MT-SS
30787	103	105	2011	Expl Geochem	H-split	MT-SS
30788	105	107	2011	Expl Geochem	H-split	MT-SS
30789	107	107.92	2011	Expl Geochem	H-split	MT-Phy
30790	107.92	109.6	2011	Expl Geochem	H-split	MT-SS
30793	109	111	2011	Blank	LWS_2011	
30791	109.6	111	2011	Expl Geochem	H-split	MT-SS
30792	109.6	111	2011	DUP	Q-Split	
30794	111	113.1	2011	Expl Geochem	H-split	MT-SS
30795	113.1	115	2011	Expl Geochem	H-split	MT-SS
30796	115	117	2011	Expl Geochem	H-split	MT-CO

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30797	117	119	2011	Expl Geochem	H-split	MT-CO
30798	119	121.1	2011	Expl Geochem	H-split	MT-SS
30799	121.1	123	2011	Expl Geochem	H-split	MT-SS
30800	123	125.1	2011	Expl Geochem	H-split	MT-CO
30801	125.1	126.7	2011	Expl Geochem	H-split	MT-Phy
30802	126.7	128	2011	Expl Geochem	H-split	MT-CO
30803	128	129.4	2011	Expl Geochem	H-split	MT-CO
30804	129.4	130.1	2011	Expl Geochem	H-split	MT-CO
30805	130.1	131	2011	Expl Geochem	H-split	QZVN.bx
30806	131	132	2011	Expl Geochem	H-split	QZVN.bx
30807	132	133	2011	Expl Geochem	H-split	QZVN.bx
30808	133	133.8	2011	Expl Geochem	H-split	QZVN.bx
30809	133.8	134.55	2011	Expl Geochem	H-split	QZVN.bx
30810	134.55	135.66	2011	Expl Geochem	H-split	MT-CO
30811	135.66	137	2011	Expl Geochem	H-split	MT-Phy
30812	137	139.3	2011	Expl Geochem	H-split	MT-CO.sbx
30813	139.3	141	2011	Expl Geochem	H-split	MT-CO.sbx
30814	141	143	2011	Expl Geochem	H-split	MT-CO.sbx
30815	143	145	2011	Expl Geochem	H-split	MT-CO.sbx
30816	145	146.55	2011	Expl Geochem	H-split	MT-CO.sbx
30817	146.55	148.4	2011	Expl Geochem	H-split	MT-Phy
30818	148.4	149.3	2011	Expl Geochem	H-split	MT-CO
30819	149.3	150	2011	Expl Geochem	H-split	QZVN
30820	150	151.5	2011	Expl Geochem	H-split	MT-CO
30821	151.5	153.1	2011	Expl Geochem	H-split	MT-CO
30822	153.1	154.5	2011	Expl Geochem	H-split	MT-CO
30823	154.5	155.5	2011	Expl Geochem	H-split	MT-CO
30824	155.5	157.62	2011	Expl Geochem	H-split	QZVN
30825	157.62	159	2011	Expl Geochem	H-split	MT-CO
30826	159	160.1	2011	Expl Geochem	H-split	MT-Phy
30827	160.1	161	2011	Expl Geochem	H-split	MT-CO
30828	161	163.1	2011	Expl Geochem	H-split	MT-CO
30829	161	163.1	2011	STND	CDN-GS-8B	
30830	161	163.1	2011	DUP	Q-Split	
30831	163.1	165	2011	Expl Geochem	H-split	QZVN
30832	165	167	2011	Expl Geochem	H-split	QZVN
30833	167	168	2011	Expl Geochem	H-split	QZVN.bx
30834	168	169.15	2011	Expl Geochem	H-split	QZVN.bx
30835	169.15	171.06	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30836	171.06	173.6	2011	Expl Geochem	H-split	MT-Phy
30837	173.6	175	2011	Expl Geochem	H-split	MT-Phy
30838	175	177	2011	Expl Geochem	H-split	MT-Phy
30839	177	179.36	2011	Expl Geochem	H-split	MT-Phy
30840	179.36	180.4	2011	Expl Geochem	H-split	QZVN.bx
30841	180.4	182	2011	Expl Geochem	H-split	MT-CO
30842	182	184	2011	Expl Geochem	H-split	MT-CO
30843	184	186	2011	Expl Geochem	H-split	MT-CO
30844	186	186.84	2011	Expl Geochem	H-split	QZVN
30845	186.84	187.9	2011	Expl Geochem	H-split	MT-CO
30846	187.9	190	2011	Expl Geochem	H-split	MT-CO
30847	190	192	2011	Expl Geochem	H-split	MT-CO
30848	192	194	2011	Expl Geochem	H-split	MT-CO
30849	194	196	2011	Expl Geochem	H-split	QZVN
30850	196	197.2	2011	Expl Geochem	H-split	MT-CO
30851	197.2	198	2011	Expl Geochem	H-split	QZVN
30852	198	200	2011	Expl Geochem	H-split	MT-CO
30853	200	202.14	2011	Expl Geochem	H-split	MT-CO
30854	202.14	203.2	2011	Expl Geochem	H-split	MT-CO
30855	203.2	204.1	2011	Expl Geochem	H-split	MT-Phy
30856	204.1	206	2011	Expl Geochem	H-split	MT-Phy
30857	206	208	2011	Expl Geochem	H-split	MT-Phy
30858	208	209.9	2011	Expl Geochem	H-split	MT-Phy
30859	209.9	212	2011	Expl Geochem	H-split	MT-Phy
30860	212	214	2011	Expl Geochem	H-split	MT-Phy
30861	214	216	2011	Expl Geochem	H-split	MT-Phy
30862	216	218	2011	Expl Geochem	H-split	MT-Phy
30863	218	220	2011	Expl Geochem	H-split	MT-Phy
30864	220	222	2011	Expl Geochem	H-split	MT-Phy
30865	222	224	2011	Expl Geochem	H-split	MT-Phy
30866	222	224	2011	DUP	Q-Split	
30867	222	224	2011	Blank	LWS_2011	
30868	224	226	2011	Expl Geochem	H-split	MT-Phy
30869	226	228	2011	Expl Geochem	H-split	MT-Phy
30870	228	230	2011	Expl Geochem	H-split	MT-Phy
30871	230	232	2011	Expl Geochem	H-split	MT-Phy
30872	232	233.6	2011	Expl Geochem	H-split	MT-Phy
30873	233.6	235.4	2011	Expl Geochem	H-split	MT-Phy
30874	235.4	237	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-026 **Grant No.:** YC72447

Plunge: 60 **Azimuth:** 160 **EOH:** 306

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30875	237	238.3	2011	Expl Geochem	H-split	MT-Phy
30876	238.3	240	2011	Expl Geochem	H-split	MT-Phy
30877	240	241.83	2011	Expl Geochem	H-split	QZVN
30878	241.83	244	2011	Expl Geochem	H-split	MT-CO
30879	244	246	2011	Expl Geochem	H-split	MT-CO
30880	246	248	2011	Expl Geochem	H-split	MT-CO
30881	248	249	2011	Expl Geochem	H-split	MT-CO
30882	249	251	2011	Expl Geochem	H-split	MT-Phy
30883	251	253	2011	Expl Geochem	H-split	MT-Phy
30884	253	254.85	2011	Expl Geochem	H-split	MT-Phy
30885	254.85	257	2011	Expl Geochem	H-split	MT-Phy
30886	257	259	2011	Expl Geochem	H-split	MT-Phy
30887	259	261	2011	Expl Geochem	H-split	MT-Phy
30888	261	263	2011	Expl Geochem	H-split	MT-Phy
30889	263	265	2011	Expl Geochem	H-split	MT-Phy
30890	265	267	2011	Expl Geochem	H-split	MT-Phy
30891	267	269	2011	Expl Geochem	H-split	MT-Phy
30892	269	271	2011	Expl Geochem	H-split	MT-Phy
30893	271	273	2011	Expl Geochem	H-split	MT-Phy
30894	273	275	2011	Expl Geochem	H-split	MT-Phy
30895	275	277.2	2011	Expl Geochem	H-split	MT-Phy
30896	277.2	279.7	2011	Expl Geochem	H-split	MT-SS.gy
30897	279.7	281.7	2011	Expl Geochem	H-split	MT-SS.n
30898	281.7	282.1	2011	Expl Geochem	H-split	MT-SS.gy
30899	282.1	283.5	2011	Expl Geochem	H-split	MT-SS.n
30900	283.5	285.15	2011	Expl Geochem	H-split	MT-SS.n
30902	285.15	287	2011	STND	CDN-GS-8B	
30903	285.15	287	2011	DUP	Q-Split	
30901	285.15	287	2011	Expl Geochem	H-split	MT-SS.cgr
30904	287	288.5	2011	Expl Geochem	H-split	MT-SS.cgr
30905	288.5	290.5	2011	Expl Geochem	H-split	MT-SS.cgr
30906	290.5	291	2011	Expl Geochem	H-split	MT-SS.cgr
30907	291	293	2011	Expl Geochem	H-split	MT-SS.cgr
30908	293	295	2011	Expl Geochem	H-split	MT-SS.cgr
30909	295	297	2011	Expl Geochem	H-split	MT-SS.cgr
30910	297	298	2011	Expl Geochem	H-split	MT-SS.cgr
30911	298	300	2011	Expl Geochem	H-split	MT-SS.cgr
30912	300	302	2011	Expl Geochem	H-split	MT-SS.cgr
30913	302	304	2011	Expl Geochem	H-split	MT-SS.cgr

Project:	NTR3A	**Prospect:**	Green Zone	**Hole ID:**	3A-11-026	**Grant No.:** YC72447
Plunge:	**Azimuth:**	**EOH:**				
60	160	306				

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30914	304	306	2011	Expl Geochem	H-split	MT-SS.cgr

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Location

Easting:	Northing:	Latitude:	Longitude:
533393.6	6845876.6		

Elevation: 1797 m **Grid Name:** GZS

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 160
EOH: 354.0 m
Core Size: HQ

Start Date: 11/09/2011
Finish Date: 16/09/2011
Status: Completed
Contractor: Driftwood

Objective:

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	73.9	160.94	57258	Reflex	1
48	74.9	160.04	56767	Reflex	1
99	75.4	164.14	56770	Reflex	1
150	75.2	166.14	56788	Reflex	1
201	74.5	171.34	56815	Reflex	1
252	74.5	171.24	56822	Reflex	1
303	74	177.94	56839	Reflex	1
354	74	177.94	56847	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	10.5		CASING		100.0%				co	1
10.5	36.6	0.5-3cm sheeted qzvns throughout the QPC running parallel with the foliation observed through the granule SS. Intensely brecciated zones of qzvning next to fault zones. Veins contain clasts of the wall rock.	QZVN		10.0%	w			co	2
10.5	36.6	Highly brecciated, deformed and broken QPC with several fault zones. Clasts vary in size from a granular sandstone up to 1cm diameter. Unit is also highly quartz veined. There is a pervasive foliation through the granular QPC which the Sheeted qzvning tend to follow. QPC: 90% Quartz, 10% Feldspar - Clast supported, subangular-angular, 2mm-1cm clasts	MT-CO	pbl	90.0%	bf	qtz	90	br	3
36.6	50.75	Fine grained grey SS, bedding ranges from lamella to the odd 3cm bed.	MT-SS	fgr	5.0%	gy			co	3
36.6	50.75	Black Phyllite, with penetrative foliation x-cutting bedding. Fracture filled qzvns with intense red hematite alteration. Thin grey SS lamella throughout with few thicker SS beds.<5% quartz veining. Localized zones of intense chlorite alteration typically next to qzvns.	MT-Phy	n	95.0%	n			co	3
50.75	69	Grey-Buff pbl conglomerate with 2 5-10cm zones of granule SS. QPC grades into SS with phyllite layers at 98.70m toward the contact. Pervasive foliation through granule QPC. At beginning of unit the altered fspars have been weathered away and only vugs remain. Further through unit white clay alteration dominates with rust stains. <2% 0.5-2cm Sheeted quartz veins follow foliation. QPC: Clasts: 90% qrtz, 10% fspar, subrounded 2mm-1cm	MT-CO	pbl	100.0%	bf			co	1
69	72	Black phyllite, with 1mm thick wavy quartz veins	MT-Phy	n	100.0%	n			co	2
72	86.55	qrtz veins and fractures in the phyllite have been altered by hematite. Phyllite bedding highly folded	MT-Phy	n	20.0%	n			co	2
72	86.55	Dominantly pbl size QPC with zones of granule size clasts. Beds of black phyllite 5cm-20cm at beginning of unit. QPC-phyl contacts are concordant with phyllite bedding. Some contacts are folded. Zones of intense shearing in QPC where quartz clasts are intensely stretched and elongated. QPC: composition of QPC clasts varies depending on grain size. Pebble QPC: 90% Qrtz, 10% Fspar. Granule QPC: 80% qrtz, 20% fpsar. Alteration is dominantly white clay and limonite smgr and in fractures.	MT-CO	pbl	80.0%	bf	qtz	85	co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	Azimuth:	EOH:					
75	160	354					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
86.55	92.1	Blk phyl beds with hematite altn in fracs and vns. Beds range from 0.5cm-10cm thick. Bedding in phyl is intensely folded.	MT-Phy	n	10.0%	n			co	3
86.55	92.1	Brecciated QPC with truncated phyl beds. QPC is 85% poorly sorted, angular qrtz clast with 15% fspars altered to limonite and rust staining. Angular clasts and pinched off beds of phyllite within the QPC. Contacts between units are nonconcordant to phyl So.	MT-CO	pbl	90.0%	bf	qtz	85	co	3
92.1	102.35	Unit is veined throughout with STWK qzvns x-cutting foliation/bedding and sheeted veins following fol. Also brecciated zone @ 84.80-96.10 highly silicified	QZVN		10.0%	w			co	2
92.1	102.35	Bf QPC dominantly pbl but varies in clast size from 2mm-1cm. Areas where clasts are larger ~1cm are matrix supported. @ 84.80-96.10 brecciated zone with poorly sorted, angular clasts with intense limonite replacement.	MT-CO	pbl	90.0%	bf	qtz	90	co	3
102.35	110.3	Black phyllite wedges and discontinuous truncated beds 0.5-5cm. Limonite altn in fractures and minor chlorite	MT-Phy	n	5.0%	n			co	2
102.35	110.3	Buff-green mgr-cgr SS with sheeted and stockwork veining. Hem altn along small fractures. Mild pervasive limonite alteration and rust staining. Partially penetrative wedges and inclusions of phyllite.	MT-SS	cgr	95.0%	bf			co	2
110.3	111.8	Black phyllite with sheeted qzvns and strong chlorite alteration in veins	MT-Phy	n	100.0%	n			co	3
111.8	118.2	Blk phyl at end of SS unit, 0.5-1cm sheeted vns in phyl are almost completely chlorite altered.	MT-Phy	n	10.0%	n			co	2
111.8	118.2	Grey cgr SS with folded SHTV with 25cm chl altered phyllitic unit at base before reaching QPC contact.	MT-SS	mgr	90.0%	gy			co	2
118.2	126.55	Bf-brown plb QPC. Very rusty alteration in cracks fractures and smgr. <5% sheeted quartz veins following fol. Stronger hematite alteration at base of unit. 80% Qzt, 20% fspar subrounded clasts	MT-CO	pbl	100.0%	bf	qtz	80	co	1
126.55	134.3	Blk phyl with intense deformation zones where qzt veins are chaotic. Lower contact is a scorodite rich fault zone	MT-Phy	n	40.0%	n			co	3
126.55	134.3	Grey mgr SS interbedded with phyllite. Set of 5 sheeted 1cm thick qzvns with a 5cm spacing at beginning of unit.	MT-SS	mgr	60.0%	gy			co	2
134.3	142.5	blk phyl with chaotic veins and QPC clasts with mod fecb replacement	MT-Phy	n	5.0%	n			co	3
134.3	142.5	Beginning of unit is a BFZ with scorodite mineralisation from 134.40-136.15m which is also mod silicified. Downhole from 136.15m is pbl QPC with phyllite layers with introduction of moderate Fecb alteration. Limonite smgr of fspars. 85% qzt, 15 fspar subrounded-subangular clasts	MT-CO	pbl	95.0%	bf			co	2
142.5	146.15	Bull qzvn with lim altn along fractures, minor chl altn stringers along fault filled fractures	QZVN		100.0%	w			co	1
146.15	150.5	Clast supported grey-bf pbl QPC. Minor chlorite alteration between clasts. Fecb smgr. Silicification of unit because of large qzvns above and below unit subrounded clasts, clast supported, 80% qzt, 18% fspar altered by fecb, 2% lithics mostly phyl clasts.	MT-CO	pbl	100.0%	gy	qzt	80	co	2
150.5	153.65	Bull qzvn with lim altn along fractures, minor chl altn stringers along fault filled fractures	QZVN		100.0%	w			co	1
153.65	168.8	Highly veined QPC. SHTV vns 1cm-5cm thick, chaotic stockwork veining and brecciated zones altered by chl and fecb	QZVN		30.0%	w			co	2
153.65	168.8	Highly deformed QPC with bx zones. Quartz clasts have been sheared and elongated. Zones of matrix supported and clast supported. Matrix is intensely altered by chlorite. Fecb and chl alteration of fspar clasts, also along vns and fracs. Subrounded sheard clasts, 80% qzt, 18% fspar, 2% lithics mostly phyl.	MT-CO	pbl	70.0%	gy-g	qtz	80	co	3

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	75	Azimuth:	160	EOH:	354		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
168.8	172.4	blk phyllite, Chaotic deformation with folded and brecciated qzvns intensely replaced by Fecb and mod chlorite. Lim+ hem alteration in fractures. Pyrite mineralisation along qzvns, appears to be coarse diss xls but it is py in pinched out vns	MT-Phy	n	100.0%	n			co	4
172.4	191.2	40% qzvns, massive, stwk and folded sheeted vns hosting asp and py mineralisation. Chlorite alteration in vns and along stringers	QZVN		40.0%	w			co	2
172.4	191.2	60% Grey pbl QPC, highly veined. Subrounded-rounded qpc clast altered by fecb and wcy. Mineralisation hosted by vns and stringers clasts: 90% qzt, 10% fspar altered to fecb	MT-CO	pbl	60.0%	gy	qtz	90	co	2
191.2	210.2	QPC is highly veins and brecciated, intense silicification, stockwork veins. Chaotic veins in phyllite	QZVN		10.0%	w			co	2
191.2	210.2	Zones of blk phyllite that are highly deformed, these zones are also faulted and broken up - fragmented <5cm. Strong Fecb alteration in phyl	MT-Phy	n	20.0%	n			co	4
191.2	210.2	Grey pbl QPC, clasts dominantly replaced by wcy with minor fecb overprint. Matrix supported, matrix appears to be more abundant due to silicification blurring grain boundaries Clasts: 2mm-5mm subangular, mod sheared and elongated. 95% qzt, 5% fspar	MT-CO	pbl	70.0%	gy	qtz	95	co	3
210.2	238.9	10% folded 2-5cm thick SHTV qzvning throughout qpc,	QZVN		10.0%	w			co	1
210.2	238.9	90% Grain supported pbl QPC, larger clasts than previous unit 5mm-1.2cm diameter dominantly replaced by wcy with minor fecb overprint. Silicification and mod shearing of grains. 30cm phyllite bed at the end of unit which marks the boudary between the pbl conglomerate and the underlying granule conglomenrate. Clasts: rounded-subrounded 90% qtz, 10% fspar	MT-CO	pbl	90.0%	gy	qtz	90	co	1
238.9	250.3	5% qzvns, folded SHTV and TVA	QZVN		5.0%	w			co	1
238.9	250.3	95% grey granule QPC with some zones of cgr SS. Greenish tinge to the matrix due to chl altn also observed in the qzvns. Clasts: subrounded, 1-2mm mainly, clast supported although grain boundaries are blurred due to silicification. 95% qzt, 5%fspar	MT-CO	grn	95.0%	gy	qtz	95	co	1
250.3	252.15	Fine-grained grey to pale green sandstone that has been silicified and chl-ser altered minor carbonate altered feldspar grains that are slightly larger than matrix very sharp bedding contacts with phyllite where visible.	MT-SS	fgr	25.0%	gy	fsp	2	co	2
250.3	252.15	Very abundant irregularly shaped/folded white quartz veins, some of which look barren others of which contain significant amouns of pyrite and sphalerite within both the vein proper and vein selvages. Veining tends to be wider 3-6 cm within the sandstone and slightly thinner 0.5-2 cm within the phyllite.	QZVN		25.0%	w			co	1
250.3	252.15	Dark grey to black phyllite cut by abundant quartz veining and very rare carbonate veining. Green sericite alteration is particularly strong in this unit surrounding quartz veining.	MT-Phy		50.0%	n			co	3
252.15	253.25	Very abundant irregularly shaped/folded white quartz veins, most of which look barren but can display significant pyrite along margins and in selvages.	QZVN		20.0%	w			co	1
252.15	253.25	Grey quartz pebble conglomerate with buff carbonate alteration of the feldspar clasts (10% feldspar clasts, 10% quartz clasts). Extremely abundant quartz veining showing irregular shapes/folding and multiple orientations. A spaced cleavage is visible but obscured by intense veining.	MT-CO	pbl	80.0%	gy	qtz	20	co	2
253.25	258.25	White quartz veining, to quartz carbonate veining with up to 1% pink rhodochrosite.	QZVN		10.0%	w			co	1
253.25	258.25	Dark grey to black phyllite cut by abundant quartz veining and very rare carbonate veining. Seems to contain the majority of the very sulfide-rich veinlets	MT-Phy		20.0%	n			co	3

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	75	Azimuth:	160	EOH:	354		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
253.25	258.25	Fine-grained grey sandstone with both thin laminations and thicker beds of black to dark grey phyllite interbedded. Some zones where green colouration from chlorite and sericite alteration subsumes the grey colouration. Some zones may be more properly identified as siltstone. Abundant quartz veining (7%) along with lesser carbonate (2%) and quartz carbonate (3%) veining some of which is carrying minor pink rhodochrosite. There are also lesser dark almost massive sulfide veining cutting in some places.	MT-SS	fgr	70.0%	gy			co	3
258.25	259.25	white to slightly cream discolored veining ranging in size from 0.2 - 4 cm in width. Generally at moderate angles to the core.	QZVN		15.0%	w			co	1
258.25	259.25	pale green to beige coloured fine-grained sandstone with a bleached appearance. Reasonably abundant quartz veining and moderately abundant chlorite veinlets parallel to foliation.	MT-SS	fgr	85.0%	t			co	2
259.25	259.95	Abundant quartz veining with irregular, pinch and swell shapes tending to run parallel to foliation and ranging from 0.05 - 6 cm in width (often within the same vein)	QZVN		25.0%	w			co	1
259.25	259.95	Black phyllite showing a wavy to disrupted foliation and extremely abundant quarz veining with strong clay sericite alteration halos. Minor zones almost brecciated by the veining.	MT-Phy	bx	75.0%	n			co	3
259.95	262.1	white to slightly cream discolored veining ranging in size from 0.2 - 4 cm in width. Generally at moderate angles to the core.	QZVN		20.0%	w			co	1
259.95	262.1	pale green to beige coloured fine-grained sandstone with a bleached appearance. Reasonably abundant quartz veining and moderately abundant chlorite veinlets parallel to foliation.	MT-SS	fgr	80.0%	t			co	2
262.1	276.5	Minor greyish green fine-grained sandstone rarely interbedded with the darker phyllite.	MT-SS	fgr	5.0%	g			co	3
262.1	276.5	Quartz veining ranges in thickness from 1mm - 5cm. The thinner veining shows distinclty tigmatic veining structures almost without exception. The quartz veins contain and are borderd by dusty pale green alteration of phyllite that is likely made up of sericite, clay and minor chlorite.	QZVN		15.0%	w			co	1
262.1	276.5	Black to deep grey to slightly green altered phyllite. Pervasive foliation is at a high CA and appears to be axial planar to the tigmaticly folded quartz veining.	MT-Phy		80.0%	n			co	3
276.5	276.8	Contact zone between the phyllite and a fg sandstone. The texture is not so much interbedded as brecciated. It is possible that the sandstone has ripped up large (ranging from 10-1cm) clasts of the phyllite.	MT-SS	fgr	40.0%	gy			co	2
276.5	276.8	Contact zone between the phyllite and a fg sandstone. The texture is not so much interbedded as brecciated. It is possible that the sandstone has ripped up large (ranging from 10-1cm) clasts of the phyllite.	MT-Phy		60.0%	n			co	3
276.8	277.9	Minor black rip-up clasts of phyllite within the sandstone.	MT-Phy		5.0%	n			co	3
276.8	277.9	Still a contact zone between the sandstone and phyllite. Now very predominantly a fine-grained pale grey to greenish sandstone with ~2-5% phyllite rip-up clasts. Sandstone shows a penetrative fabric and possibly some folded/boudinaged mgr beds that are now tretched and pinched to almost stretched pebble appearance except that they blend so well with the host.	MT-SS	fgr	95.0%	gy			co	2
277.9	281.9	Interbedded grey to to minor buff sections of medium and fine-graiend sandstone. Abundant white quartz and white to buff quartz-carbonate veining ranging from 0.05-5 cm in width. Some veining shows folding whilel others appear to be planar. Many different orientations.	MT-SS	fgr	15.0%	gy			co	2
277.9	281.9	Interbedded grey to to minor buff sections of medium and fine-graiend sandstone. Abundant white quartz and white to buff quartz-carbonate veining ranging from 0.05-5 cm in width. Some veining shows folding whilel others appear to be planar. Many different orientations.	QZVN		15.0%	w			co	1
277.9	281.9	Interbedded grey to to minor buff sections of medium and fine-graiend sandstone. Abundant white quartz and white to buff quartz-carbonate veining ranging from 0.05-5 cm in width. Some veining shows folding whilel others appear to be planar. Many different orientations.	MT-SS	mgr	70.0%	gy			co	2

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Plunge: 75 **Azimuth:** 160 **EOH:** 354

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
281.9	283.12	Predominantly a black, heavily veined (almost brx in places) phyllite with very minor interbedding of a fg dark grey sandstone	MT-SS	fgr	5.0%	gy			co	3
281.9	283.12	White to white and buff quartz and quartz-carbonate veining with abundant (30%) pyrite some of the veining is vuggy and containing minor sphalerite.	QZVN		15.0%	w			co	1
281.9	283.12	Predominantly a black, heavily veined (almost brx in places) phyllite with very minor interbedding of a fg dark grey sandstone	MT-Phy		80.0%	n			co	3
283.12	285.6	Medium-grained grey sandstone with a white clay alteration of feldspar grains that has left the rock with a white speckled appearance. Abundant white quartz veining with very minor slightly vuggy buff qtz-carbonate veining cuts the rock... ranging from almost perpendicular to almost parallel to the core axis. Both veining types contain pyrite... the vuggy qtz-carbonate veining contains lesser sphalerite, always associated with pyrite.	QZVN		15.0%	w			co	1
283.12	285.6	Medium-grained grey sandstone with a white clay alteration of feldspar grains that has left the rock with a white speckled appearance. Abundant white quartz veining with very minor slightly vuggy buff qtz-carbonate veining cuts the rock… ranging from almost perpendicular to almost parallel to the core axis. Both veining types contain pyrite… the vuggy qtz-carbonate veining contains lesser sphalerite, always associated with pyrite.	MT-SS	mgr	85.0%	gy			co	2
285.6	288.92	Interval consisting of interbedded black phyllite and pale grey to beige fine-grained sandstone showing fine grain-sized bedding on the mm-cm scale. The phyllite and sandstone beds range from 0.25-1.25 m in length and each comprise approx 50% of the core. There is much less veining in this unit (~2-5%) most of which is thin (1-5mm) and vuggy... most of the veining appears to be dominantly quartz with minor carbonate (which is altering away leaving vugs)	QZVN		5.0%	w			co	1
285.6	288.92	Interval consisting of interbedded black phyllite and pale grey to beige fine-grained sandstone showing fine grain-sized bedding on the mm-cm scale. The phyllite and sandstone beds range from 0.25-1.25 m in length and each comprise approx 50% of the core. There is much less veining in this unit (~2-5%) most of which is thin (1-5mm) and vuggy… most of the veining appears to be dominantly quartz with minor carbonate (which is altering away leaving vugs)	MT-Phy		47.0%	n			co	3
285.6	288.92	Interval consisting of interbedded black phyllite and pale grey to beige fine-grained sandstone showing fine grain-sized bedding on the mm-cm scale. The phyllite and sandstone beds range from 0.25-1.25 m in length and each comprise approx 50% of the core. There is much less veining in this unit (~2-5%) most of which is thin (1-5mm) and vuggy... most of the veining appears to be dominantly quartz with minor carbonate (which is altering away leaving vugs)	MT-SS	fgr	48.0%	gy			co	3
288.92	296.3	Very minor beds of grey sandstone with the faulted, minorly brecciated phyllite	MT-SS	fgr	5.0%	gy			co	2
288.92	296.3	Almost brecciating white quartz veins and tension vein arrays many of which are disrupted/microfaulted and likely folded… look to be filling crackled fracture networks.	QZVN		10.0%	w			co	1
288.92	296.3	A very broken up and frequently fault gouged black phyllite unit with very minor fg sandstone beds. Thin but abundant quartz veining almost brecciates the rock in those non-fault gouged zones	MT-Phy	frg	85.0%	n			co	3
296.3	298	A section of, fining-upwards fine-grained to medium-grained sandstone with abundant larger (2-5 cm) quartz veins and smaller braided stringers that are predominantly composed of aspy and pyrite. Extremely mineralised unit.	QZVN		5.0%	w			co	1
296.3	298	A section of, fining-upwards fine-grained to medium-grained sandstone with abundant larger (2-5 cm) quartz veins and smaller braided stringers that are predominantly composed of aspy and pyrite. Extremely mineralised unit.	MT-SS	fgr	45.0%	gy			co	2
296.3	298	A section of, fining-upwards fine-grained to medium-grained sandstone with abundant larger (2-5 cm) quartz veins and smaller braided stringers that are predominantly composed of aspy and pyrite. Extremely mineralised unit.	MT-SS	mgr	50.0%	gy			co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	75	Azimuth:	160	EOH:	354		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
298	300.65	Zone of faulted, brecciated and in places folded interbedded phyllite and sandstone package, faulting expressed through gouge and very fragmented core.	QZVN		2.0%	w			co	1
298	300.65	Zone of faulted, brecciated and in places folded interbedded phyllite and sandstone package, faulting expressed through gouge and very fragmented core.	MT-SS	mgr	38.0%	gy			co	2
298	300.65	Zone of faulted, brecciated and in places folded interbedded phyllite and sandstone package, faulting expressed through gouge and very fragmented core.	MT-Phy		60.0%	n			co	3
300.65	303.13	Zone of medium- to coarse-grained grey sandstone with abundant veining that almost brecciates the rocks in places (particularly near the top of the unit where it is closest to the faulting). Ther are minor interbeds of phyllite that are more numerous at the top of the interval and die off near the bottom. The abundant quartz veining ranges in orientation and sulfide content and is cut by several later aspy and pyrite stringers which tend to have a shallow angle to the CA.	MT-Phy		2.0%	n			co	3
300.65	303.13	Zone of medium- to coarse-grained grey sandstone with abundant veining that almost brecciates the rocks in places (particularly near the top of the unit where it is closest to the faulting). Ther are minor interbeds of phyllite that are more numerous at the top of the interval and die off near the bottom. The abundant quartz veining ranges in orientation and sulfide content and is cut by several later aspy and pyrite stringers which tend to have a shallow angle to the CA.	QZVN		15.0%	w			co	1
300.65	303.13	Zone of medium- to coarse-grained grey sandstone with abundant veining that almost brecciates the rocks in places (particularly near the top of the unit where it is closest to the faulting). Ther are minor interbeds of phyllite that are more numerous at the top of the interval and die off near the bottom. The abundant quartz veining ranges in orientation and sulfide content and is cut by several later aspy and pyrite stringers which tend to have a shallow angle to the CA.	MT-SS	cgr	33.0%	gy			co	2
300.65	303.13	Zone of medium- to coarse-grained grey sandstone with abundant veining that almost brecciates the rocks in places (particularly near the top of the unit where it is closest to the faulting). Ther are minor interbeds of phyllite that are more numerous at the top of the interval and die off near the bottom. The abundant quartz veining ranges in orientation and sulfide content and is cut by several later aspy and pyrite stringers which tend to have a shallow angle to the CA.	MT-SS	mgr	50.0%	gy			co	2
303.13	306.75	Grey quartz-pebble conlgomerate with zones where the clasts range from 2-10mm in size The dominant clasts are completely clay altered feldspar (20% fsp clasts, 5-10% qtz clasts). Lesser interbeds of coarse-grained sandstone with 5-10% pebble-sized clasts. Quartz veining and sulfides stringers are still abundant but less so than in the previous interval and there is no brecciation.	QZVN		10.0%	w			co	1
303.13	306.75	Grey quartz-pebble conlgomerate with zones where the clasts range from 2-10mm in size The dominant clasts are completely clay altered feldspar (20% fsp clasts, 5-10% qtz clasts). Lesser interbeds of coarse-grained sandstone with 5-10% pebble-sized clasts. Quartz veining and sulfides stringers are still abundant but less so than in the previous interval and there is no brecciation.	MT-SS	cgr	30.0%	gy			co	2
303.13	306.75	Grey quartz-pebble conlgomerate with zones where the clasts range from 2-10mm in size The dominant clasts are completely clay altered feldspar (20% fsp clasts, 5-10% qtz clasts). Lesser interbeds of coarse-grained sandstone with 5-10% pebble-sized clasts. Quartz veining and sulfides stringers are still abundant but less so than in the previous interval and there is no brecciation.	MT-CO	pbl	60.0%	gy	qtz	7	co	2
306.75	309.85	Faulted, interbedded QPC and cgr sandstone with abundant quartz veining (ranging from 1-10cm wide). Still abundantly mineralised. The QPC contains 20% fsp clasts, 15% qtz clasts ranging in size from 2-10mm.	QZVN		20.0%	w			co	3
306.75	309.85	Faulted, interbedded QPC and cgr sandstone with abundant quartz veining (ranging from 1-10cm wide). Still abundantly mineralised. The QPC contains 20% fsp clasts, 15% qtz clasts ranging in size from 2-10mm.	MT-SS	cgr	30.0%	gy			co	3

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	75	Azimuth:	160	EOH:	354		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
306.75	309.85	Faulted, interbedded QPC and cgr sandstone with abundant quartz veining (ranging from 1-10cm wide). Still abundantly mineralised. The QPC contains 20% fsp clasts, 15% qtz clasts ranging in size from 2-10mm.	MT-CO	pbl	50.0%	gy	qtz	15	co	3
309.85	310.6	Extremely coarse-grained QPC with very abundant quartz pebbles (60-80%) which are responding to a strong strain environment and starting to line up (thus starting to look vein-like) there are also 5-10% feldspar clasts and 1% phyllite clasts… clast size ranges from 5-20mm. Reasonably abundant white quartz veining (difficult in places to distinguish from deforming clasts).	QZVN		10.0%	w			co	1
309.85	310.6	Extremely coarse-grained QPC with very abundant quartz pebbles (60-80%) which are responding to a strong strain environment and starting to line up (thus starting to look vein-like) there are also 5-10% feldspar clasts and 1% phyllite clasts… clast size ranges from 5-20mm. Reasonably abundant white quartz veining (difficult in places to distinguish from deforming clasts).	MT-CO	pbl	90.0%	gy	qtz	70	co	3
310.6	313.45	coarse-grained sandstone to finer-grained QPC still showing a penetrative cleavage but now without the quartz pebbles merging to vein-like structures. Decrease in abundance of quartz veining. (10% fsp, 10% qtz clasts ranging in size from 1-5mm)	QZVN		5.0%	w			co	1
310.6	313.45	coarse-grained sandstone to finer-grained QPC still showing a penetrative cleavage but now without the quartz pebbles merging to vein-like structures. Decrease in abundance of quartz veining. (10% fsp, 10% qtz clasts ranging in size from 1-5mm)	MT-CO	pbl	35.0%	gy	qtz	10	co	3
310.6	313.45	coarse-grained sandstone to finer-grained QPC still showing a penetrative cleavage but now without the quartz pebbles merging to vein-like structures. Decrease in abundance of quartz veining. (10% fsp, 10% qtz clasts ranging in size from 1-5mm)	MT-SS	cgr	60.0%	gy			co	3
313.45	317.95	A coarse grained QPC with abundant large feldspar and quartz pebble-sized clasts (20% fsp, 35% qtz clasts, 1% phyllite clasts) ranging in size from 3-10mm. Abundant quartz veining some of which is vuggy and contains minor amounts of crb.	MT-SS	cgr	5.0%	gy	qtz	35	co	3
313.45	317.95	A coarse grained QPC with abundant large feldspar and quartz pebble-sized clasts (20% fsp, 35% qtz clasts, 1% phyllite clasts) ranging in size from 3-10mm. Abundant quartz veining some of which is vuggy and contains minor amounts of crb.	QZVN		15.0%	w			co	1
313.45	317.95	A coarse grained QPC with abundant large feldspar and quartz pebble-sized clasts (20% fsp, 35% qtz clasts, 1% phyllite clasts) ranging in size from 3-10mm. Abundant quartz veining some of which is vuggy and contains minor amounts of crb.	MT-CO	pbl	80.0%	gy			co	3
317.95	319	phyllite and fgr sandstone gouge zone, no alteration visible	MT-Phy		100.0%	n			lc	4
319	324.46	Broken up Grey pbl QPC, matrix supported. Beginning of unit is highlighly silicified and sheared with elongated qzt clasts. Wcy and lim smgr altn throughout. Minor penetrative fabric through rock with aligned clasts and seams 1mm-1cm clasts. 90% qzt, 9% fspar, 1% lithics	MT-CO	pbl	100.0%	gy	qtz	90	br	2
324.46	327	highly fragmented Quartz Bx zone, chlorite alteration throughout fracs and seams. Qtz clasts are subangular-angular	QZVN		100.0%	w			co	3
327	333	Broken up Grey pbl QPC, matrix supported. Beginning of unit is highlighly silicified and sheared with elongated qzt clasts. Wcy and lim smgr altn throughout. Minor penetrative fabric through rock with aligned clasts and seams 1mm-1cm clasts. 90% qzt, 9% fspar, 1% lithics	MT-CO	pbl	100.0%	gy	qtz	90	br	2
333	334.1	fine-med grained bf SS with minor lim staining along bedding. Thin lenses of phyllite in places , gradational lower contact into phyllite unit	MT-SS	mgr	49.0%	bf			co	2

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	75	Azimuth:	160	EOH:	354		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
333	334.1	granule-pbl bf QPC, interbedded SS and grading into SS downhole with a 10cm bed of phyllite. Lim alteration of smgr fspar clast are subrounded, low-no shear 85% qzt, 10% fspar 5% lithics	MT-CO	pbl	51.0%	bf	qtz	85	co	2
334.1	349.15	silt lamella throughout blk phyllite	MT-SLT		5.0%	gy-g			co	3
334.1	349.15	blk phyllite with layers of siltstone. <5% Quartz veins: deformed TVA and SHTV with chl alteration in vns.	MT-Phy		95.0%	n			co	3
349.15	354	grey mgr SS at beginning of unit grading into granule QPC, and at end of unit 353-354m EOH	MT-SS	mgr	20.0%	gy			co	2
349.15	354	Grey granule-pbl QPC, dominantly granule size clasts. Weak wcy and lim altn of smgr fspar. Competent unit, low deformation and shearing. Clasts: 95% qzt, 5% fspar	MT-CO	grn	80.0%	gy	qtz	95	co	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
10.5	36.6	White clay alteration throughout QPC replacing fspars and in fault zones. The white clay has then become rust stained yellow orange or further replaced by limonite	cy	3	smgr	w
10.5	36.6	Limonite alteration replacing fspar grains, along fractures and foliation, selvedge of quartz veins and intense within the fault zones. The quartz veins themselves have a yellow tinge	LIM	3	perv	y-o
26.9	31.5	Smooth gouged green chlorite altn along fractures	chl	1	fracs	r
36.6	50.75	Hematite altn along mm scale sheeted and truncated qzrtz veins.	hem	1	vn	y
36.6	50.75	Lim altn along broken zones and fractures	LIM	1	frac	g
42.65	49.1	Chl altn in association with qzvns. Within and along selvedge of deformed qrtz veins	chl	2	vn	w
50.75	69	Wcy altn replacing fspar grains	cy	1	smgr	y-o
50.75	69	Weak lim altn along fracs, fspar smgr, seld and vn	LIM	1	perv	r
68.4	75.8	Red hem altn along thin qzvns and qzt fault filled fractures.	hem	1	vn	r
68.4	68.5	Strong hem altn within small phyl/SS gouge zonein gradational contact zone at end of QPC unit	hem	3	gouge	g
72	106.1	lim altn replacing fspar in QPC with rust staining	LIM	2	smgr	w
72	106.1	lim altn in cracks and fractures with intense rusting along major fracs	LIM	2	fracs	o
72	106.1	wcy replacing fspar in QPC	cy	2	smgr	o
106.1	110.3	pervasive lim altn through SS and QPC. Vn, fracture, and matrix of QPC highly replaced.	lim	3	perv	o-b
110.3	112.5	Highly deformed and TVA veins altered by chl. Less deformed vns do not have chl altn	chl	3	vn	g
112.5	116.8	matrix of QPC/SS fainlty altered by orange lim	LIM	1	diss	o
118	118.2	chl altn in deformed and chaotic qztz veins	chl	2	vn	g
118.2	134.3	lim smgr of fspar in SS/QPC	LIM	1	smgr	r
118.2	134.3	lim along fractures and foliation planes	LIM	1	frac	o-b
118.2	134.3	moderate hem alteration along vns and selvedge more predominant in phyl.	hem	2	vn	o-b
134.3	136	Scorodite alteration throughout fault zone on surface of fractured blocks in silicified qpc/ss.	sco	4	frac	g
134.3	146.25	mod lim altn along fracs of broken blocks in scorodite rich FZ and continuing downhole	LIM	2	frac	o
136	150.1	lim smgr of fspar in SS/QPC	LIM	2	smgr	o
136	146.25	minor lim staining in qzvns	LIM	1	vn	o

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	75	160	354				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
150.1	168.8	smgr of fspar to beige/tan fecb in QPC	fecb	3	smgr	t
150.1	168.8	mcy altn of fspar grains in QPC	cy	1	smgr	w
150.1	168.8	Chlorite altn throughout QPC matrix and even replacing some of the QPC clasts, although fecb dominates smgr.	chl	3	perv	g
150.1	168.8	Chlorite stringers filling fractures in large qzvns, and intense altn in deformed chaotic small qzvns	chl	2	vn	g
168.8	172.25	fecb altn in highly deformed chaotic qzvns in phyllite	fecb	3	vn	t
172.25	207	chl stringers in qzvns, fault filled fractures. Chl replacement of the qpc matrix and few clast have greenish tinge.	chl	2	perv	g
172.25	207	Area of intense qzt veining, qpc matrix has been blurred. Matrix silicified making matix composition and grain boundaries difficult to identify	SIL	2	perv	gy
172.25	250.3	Fecb altn of fspar grains throughout pbl and granule qpc	fecb	2	smgr	t
228.05	229	pervasive silicification of qpc matrix around qzt veining	SIL	2	perv	gy
231.15	231.9	weak pervasive to slightly selective white to orange clay alteration of both matrix and conglomerate clasts	cy	1	perv	w
231.9	232.1	Increase in clay alteration associated with a slight decrease in core competency	cy	3	perv	w
232.1	237	Weak to weakly-moderate silicification of matrix.	SIL	1	diss	gy
237	237.8	weak pervasive to slightly selective white to orange clay alteration of both matrix and conglomerate clasts	cy	1	perv	gy
237.8	241.95	slight increase in clay alteration overprinted by silicification	cy	2	perv	gy
237.8	240.45	silicification of matrix overprinting earlier clay alteration.	SIL	1	diss	gy
241	257.86	A pervasive silicification of matrix and many of the pebble clasts over a large area associated with abundant wavy and irregularly shaped veining and tension vein arrays.	SIL	2	perv	gy
243.15	246	Darker green, fine-grained chlorite alteration giving the rock a dark green colouration.	chl	2	perv	g
243.15	248	Pale green to white sericite alteration throughout matrix increasing in intensity near to quartz veining.	ser	1	perv	g
246	248	weak, darker green, fine-grained chlorite alteration giving the rock a dark green colouration. Concentrated in matrix	chl	1	perv	g
248	250.3	Darker green, fine-grained chlorite alteration giving the rock a dark green colouration.	chl	1.5	diss	g
248	257.86	Abundant, disseminated pale green sericite alteration that intensifies in the selvages of quartz veining.	ser	2	diss	g
250.3	257.86	Moderate dark green chlorite alteration particularly affecting fg sandstone.	chl	2	perv	g
257.86	259.25	weak pale green to tan sericite alteration, slightly patchy.	ser	1	perv	w
257.86	258.25	Moderate white clay alteration accompanied by slight decrease in rock competence.	cy	2	diss	t
258.25	264.35	Bleaching of interval from carbonate, sericite and silicification. Alteration is pervasive and almost uniform giving the rock a matte texture.	fecb	2	perv	t
258.25	259.25	Bleaching of interval from carbonate, sericite and silicification. Alteration is pervasive and almost uniform giving the rock a matte texture.	SIL	3	perv	gy
259.25	259.95	pervasive clay clay alteration making rock very soft and lightening the black rock to a greyish colouration	cy	2	perv	gy
259.25	259.95	moderate pale green sericite alteration localised to vein selvages	ser	2	vn	g
259.95	262.1	Bleaching of interval from carbonate, sericite and silicification. Alteration is pervasive and almost uniform giving the rock a matte texture.	SIL	3	perv	gy
259.95	262.1	Bleaching of interval from carbonate, sericite and silicification. Alteration is pervasive and almost uniform giving the rock a matte texture.	ser	2	perv	g
259.95	262.1	minor dark green chlorite alteration disseminated in the sandstone.	chl	1	diss	g
262.1	276.5	weak but pervasive causing a lightening of original phyllite colouration	cy	1	diss	gy
262.1	264.35	Sericite alteration predominantly tied to the vein boundaries and selvages. Where it is present it casuses a bleaching to a pale green colouration. 15% quartz veining.	ser	2	vn	g
262.1	264.35	Appearing mixed with the stronger sericite alteration in vein selvages. 15% quartz veining.	chl	1	vn	g

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Plunge:	Azimuth:	EOH:					
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
262.1	276.5	Minor iron carbonate alteration surrounding some of the veining.	fecb	1	vn	bf
264.35	264.58	Increase in both sericite and chlorite alteration producing a pervasive bleached green colouration surrounding a larger (4cm wide) tigmaticly folded quartz vein. Slight increase in sandstone content in this small interval. 20% quartz veining.	ser	3	diss	g
264.35	264.58	Increase in both sericite and chlorite alteration producing a pervasive bleached green colouration surrounding a larger (4cm wide) tigmaticly folded quartz vein. Slight increase in sandstone content in this small interval. 20% quartz veining.	chl	2	diss	g
264.58	266.75	Sericite alteration predominantly tied to the vein boundaries and selvages. Where it is present it casuses a bleaching to a pale green colouration. 15% quartz veining.	ser	2	vn	g
264.58	266.75	Appearing mixed with the stronger sericite alteration in vein selvages. 15% quartz veining.	chl	1	vn	g
266.75	269.1	Minor sericite alteration predominantly tied to vein selvages. Approximately 2% quartz veining.	ser	1	vn	g
266.75	269.1	Very minor chlorite alteration predominantly confined to vein selvages. Approximately 2% quartz veining.	chl	1	vn	g
269.1	270.3	Sericite alteration predominantly tied to the vein boundaries and selvages. Where it is present it casuses a bleaching to a pale green colouration. 15% quartz veining.	ser	2	vn	g
269.1	270.3	Appearing mixed with the stronger sericite alteration in vein selvages. 15% quartz veining.	chl	1	vn	g
270.3	270.57	Increase in both sericite and chlorite alteration producing a pervasive bleached green colouration surrounding a larger (4cm wide) tigmaticly folded quartz vein. Slight increase in sandstone content in this small interval. 20% quartz veining.	ser	3	diss	g
270.3	270.57	Increase in both sericite and chlorite alteration producing a pervasive bleached green colouration surrounding a larger (4cm wide) tigmaticly folded quartz vein. Slight increase in sandstone content in this small interval. 20% quartz veining.	chl	2	diss	g
270.57	276.5	Minor sericite alteration predominantly tied to vein selvages. Approximately 2% quartz veining.	ser	1	vn	g
270.57	276.5	Very minor chlorite alteration predominantly confined to vein selvages. Approximately 2% quartz veining.	chl	1	vn	g
276.5	277.9	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	chl	1	perv	g
276.5	277.9	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	fecb	1	vn	g
276.5	277.9	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	cla	1	perv	w
276.5	277.9	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	ser	2	perv	bf
277.9	285.6	Patchy but disseminated/pervasive alteration irregularly staining the rock a buff colouration	fecb	2	diss	w
277.9	285.6	Strongest around the veining a pale green to white weak sericite alteration is seen throughout the interval.	ser	1	vn	g
277.9	285.6	White clay is preferentially altering feldspars. Gives the rock a slightly white speckled appearance, except where fecb overprints/stains the clays to buff	cla	1	diss	bf
285.6	288.92	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	ser	2	perv	g
285.6	288.92	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	chl	1	perv	bf
285.6	288.92	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	fecb	1	vn	w
285.6	288.92	Combination of a pale green sericite, weak dark green clorite and a weak white clay alteration give the rock a dusty grey to greenish colouration. Very minor, vein controlled fecrb alteration gives a localised slightly buff colouration.	cla	1	perv	g
288.92	289	Abundant dark to white clay alteration associated with faulting and the margins of faulting	cla	2	gouge	gy
289	290.6	Clay gouge zone	cla	3.5	gouge	gy
290.6	291	Abundant dark to white clay alteration associated with faulting and the margins of faulting	cla	2	gouge	gy

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
291	291.57	Clay gouge zone	cla	3.5	gouge	gy
291.57	293.2	Abundant dark to white clay alteration associated with faulting and the margins of faulting	cla	2	gouge	gy
293.2	294	Clay gouge zone	cla	3.5	gouge	gy
294	296.15	weak dark to white clay alteration associated with faulting and the margins of faulting	cla	1	gouge	gy
294	300.1	Carbonate alteration associated with veining and fractures… slight buff overprinte colouration	fecb	1	vn	bf
294	296.3	Abundant dark to white clay alteration associated with faulting and the margins of faulting	cla	2	gouge	gy
296.3	298	Strongest around the veining a pale green to white weak sericite alteration is seen throughout the interval.	ser	1	vn	g
296.3	298	White clay is preferentially altering feldspars. Gives the rock a slightly white speckled appearance, except where fecb overprints/stains the clays to buff	cla	1	diss	w
296.3	298	Moderate to strong silicification of sandstone deepening the grey colouration of the unit and overprinting the other alteration.	SIL	2.5	diss	gy
298	300.1	clay gouge zone.	cla	3	gouge	gy
300.1	301.3	minor white clay alteration	cla	1	diss	w
300.1	301.3	Increase in intensity of fecrb alteration, which is still localised to vein selvages.	fecb	2	vn	bf
300.65	301.3	Weak overprinting silicification of the rock	SIL	1	diss	gy
300.65	317.95	Weak white sericite alteration dominantly of the matrix and, while there is some minor disseminations it tends to be localised to vein selvages.	ser	1	vn	w
301.3	317.95	Selective clay and fecb alteration of the feldspar clasts	fecb	3	smgr	gy
301.3	305.25	Selective clay and fecb alteration of the feldspar clasts	cy	2	smgr	bf
301.3	305.25	moderate to strong overprinting silicification predominantly confined to the groundmass.	SIL	2.5	diss	w
312.95	317.95	Some weak vein controlled fecb in some vein selvages in addition to the fsp clast alteration.	fecb	1	vn	gy
314.9	314.91	Fault zone with reasonably abundant clay fault gouge zones.	cy	2.5	gouge	bf
314.91	318	smgr of fspar grains, overprinted byfecb altn	cy	2	smgr	bf
314.91	318	fecb altn along small fracs and seams	fecb	1	fracs	bf
314.91	318	fecb altn of fspar grains in qpc that has overprinted wcy altn	fecb	1	smgr	w
319	334.1	smgr of fspar grains, overprinted by fecb altn	cy	2	smgr	w
319	334.1	fecb altn of fspar grains in qpc that has overprinted wcy altn	fecb	1	smgr	bf
319	330	chlorite altn along fractured qzvns. Chloritisation is mainly in fault filled stringers in qbx/qvns	chl	1	fracs	gy-g
319.1	321.2	pervasive silicification of qpc matrix around shtv veining	SIL	3	perv	bf
330	334.1	bf fecb altn of fspar grains in qpc, overprint of wcy	fecb	1.5	smgr	w
330	334.1	cy altn of fspar grains in qpc	cy	1	smgr	bf
334.1	349.15	minor lim altn along slt-phyl bedding planes	LIM	0.5	bed	g
334.1	349.15	mod chl alteration along deformed TVA and SHTV qzvns	chl	2	vn	bf
349.15	354	wcy altn of fspar grains in granule qpc and SS	cy	1	smgr	bf
349.15	354	bf fecb altn of fspar grains in granule qpc and SS, overprint of wcy	fecb	1	smgr	gy

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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
21	22.15	QZVN	300.0%	stwk	Highly folded and brecciated STWK qzvns above BFZ
22.15	26.28	FZ	300.0%	BFZ	BFZ-fragmented QPC blocks <5cm. Lots of wcy alteration and lim altn
27.6	28.7	QZVN	300.0%	bx	Massive and highly bx quartz vein with lim altn along fracs
32.5	36	FZ	300.0%	BFZ	BFZ-fragmented QPC blocks <5cm. Wcy alteration intense lim altn along broken faces and fractures
43.2	43.5	QZVN	300.0%	mass	Massive competent quartz vein with minor lim alteration
75.6	76.8	FZ	200.0%	BFZ	BFZ and phyl gouge with hem alteration
111.6	115	SZ	400.0%	DBSZ	Brittle-Ductile sheared phyllite with boudinaged qzvns. Brecciated QPC with brecciated qzvn.TVA altered to chlorite in phyl. Hem and lim altered qpc bx
127.8	128.6	SZ	300.0%	DBSZ	Sheared SS and phyl with sheared offset SHTVs. Chaotic veining in the phyl with hem altn
134.4	136	FZ	300.0%	BFZ	BFZ fragmented into blocks <5cm mineralized on the surface of fractures with scorodite and mod limonitic.
142.5	146.15	QZVN	400.0%	mass	Qzvn with chlorite stringers and limonitic alteration
168.8	172.6	FZ	300.0%	BFZ	brittle ductile characteristics in phyllite boudinaged vns, chaotic deformation. Phyl gouge zone and bx qzvn at end of fault.
189.2	193.8	QZVN	300.0%	bx	highly silicified and brecciated qzvns and qpc, pervasive chlorite altn
192	193.5	FZ	300.0%	BFZ	broken and shattered qzvn and qpc
203.75	210.1	QZVN	200.0%	bx	broken/fragmented quarzt breccia. Angular qrtz clasts, highly silicified with chl altn
206.6	209.2	FZ	300.0%	BFZ	faulted qpc and qzvns with phyl gouge and qbx
217.8	219	QZVN	400.0%	mass	~1m thick qzvn with fecb altered qpc and chl stringers
220.25	221.2	FZ	300.0%	BFZ	crush and fragmented chloritized qpc and qzvn after 1m qzvn. No gouge
241.69	241.95	QZVN	100.0%		large quartz-carbonate vein with abundant vugs and very minor pyrite
248.4	248.8	QZVN	100.0%	TVA	White quartz-carbonate tension vein array
262.1	256.75	QZVN	200.0%	TVA	Abundant white quartz tension vein arrays many of which appear to have undergone intense deformation/folding
269.1	274.1	QZVN	200.0%	TVA	Abundant white quartz tension vein arrays many of which appear to have undergone intense deformation/folding
281.9	283.12	QZVN	100.0%	TVA	Abundnat (10%) white qtz-carboante tension vein arrays
288.92	294	FZ	300.0%	BFZ	Very abundant zones of clay fuault gouge… the more competent sections show signs of minor brecciation.
298	300.1	FZ	300.0%	BFZ	Very abundant zones of clay fuault gouge… the more competent sections show brecciation.
300.1	301.3	QZVN	200.0%	bx	Quartz veins weakly brecciationg thre rock. Brecciation dereasing away from fault zone
306.75	309.5	FZ	300.0%	BFZ	Rubbly, fragmented core from abundant small brittle fault zones cutting the rock.
317.95	318.5	FZ	400.0%	gouge	muddy phyllitic/sandy gouge zone
320.45	321	SZ	200.0%	DBSZ	Sheared qpc, elongated qtz clasts and semi penetrative seams through matrix
324.45	327	QZVN	300.0%	bx	faulted qz bx zone with brecciated qpz, chlorite alteration in fracs
339.2	339.6	SZ	200.0%	DBSZ	sheared phyllite with TVA qzvns altered by chlorite
342.85	347.5	SZ	200.0%	DBSZ	sheared phyllite with TVA qzvns altered by chlorite

Mineralisation

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Plunge: 75 **Azimuth:** 160 **EOH:** 354

From:	To:	Comments	Mineral	Percent	Distribution
10.5	107.6	sparse diss py throughout, typically in qpc/ss	py	0.05	diss
10.5	107.6	sparse diss asp throughout, typically in qpc/ss	asp	0.01	diss
38	50	Subhedral pyrite along hematite/chlorite altered quartz veins	py	0.5	vn
58.75	58.76	0.8mm blob of anheral galena	gn	5	vn
103.6	105.6	Subheral py xls in qzvns	py	0.5	vn
105.4	105.41	1cm blob of subheral cpy crystals and a 1mm patch of malachite within a qzvn	cpy	5	vn
110.4	144.1	anhedral-subhedral py xls within qzvns with minor mineralisation along selvedge	py	0.3	vn
123	142.5	Sparse diss py throughout QPC/SS. One large 1cm replaced clast in QPC	py	0.05	diss
128.55	138.5	Stringers of asp in qzvns typically in highly deformed veined zones	asp	0.05	vn
131.7	131.71	0.5cm blob of cpy xls	cpy	3	vn
131.71	142.5	trace v. fine diss asp xls mostly associated along py mineralisation	asp	0.01	diss
146.65	149.85	py xls along stringer veins from main SHTV vns.	py	1	vn
149.65	149.66	asp along a chlorite stringer in fragmented chl+lim altered qzvn	asp	2	vn
150	156.15	minor diss through qpc matrix and replacement of fspar grain	py	0.1	diss
159.6	166.15	py associated with chlorite stringers in quartz veins and stringers offshooting from main vns	py	0.5	vn
163	163.01	0.5cm bleb of cpy in qzvn next to bleb of py	cpy	1	vn
168.8	172.3	sub-euh py xls in chaotic fecb replaced qzvns	py	2	vn
168.8	172.3	euh py grains diss through phyl	py	3	diss
168.8	172.3	py along thin folded chaotic fecb alterered vns	py	3	vn
172.3	177.1	py in qzvns and along chlorite filled fractures in vns	py	2	vn
177.1	178.4	py in qzvns and along chlorite filled fractures in vns	py	3	vn
178.4	180.25	asp stringers in qzvns associated with chl	asp	0.5	vn
178.4	180.25	py in qzvns and along chlorite filled fractures in vns	py	2	vn
183.8	190	diss sub-euhedral xls in sheeted qzvns, often along chlorite stringers within qzvns and stingers cutting into qpc.	py	0.5	vn
186.9	189.9	v.fine asp xls in chlorite stringers in qzvns and stringers in qpc	asp	0.03	vn
187.3	189	fine diss py xls in qpc, often in small fractures in qpc matrix	py	0.2	diss
190.1	191	Qzt Bx zone with py mineralization in vn and along chloritized fracture surfaces and stringers.	py	1	vn
192.9	199.7	Minor Qzt Bx zone, highly qzvned. Py mineralization in vn and along chloritized fracture surfaces and stringers.	py	0.5	vn
197.2	199.6	diss py throughout qpc matrix and along stringers and seams. Minor replacement of clasts.	py	1	diss
199.6	204.1	Qzt Bx zone with py mineralization in qpc matrix and minor clast replacement	py	0.5	diss
204	204.1	diss asp xls in phyllitic gouge zone	asp	0.5	diss
204.1	206.75	diss sub-euh py throughout qpc matrix and minor replacement of clasts.	py	1	diss
206.75	208	diss py through broken qz and broken/ gouged phyl	py	3	diss
208	210.1	diss py through broken qz and qpc. Mineralisation most predominatn at qzvn qpc contact	py	2	diss
210.1	231.15	diss py through broken qz and qpc. Mineralisation most predominatn at qzvn qpc contact	py	0.5	diss
210.1	231.15	diss asp along contacts between qzvns and qpc, trace asp xls with blebs of py	asp	0.01	diss
219.75	219.9	1-3cm blebs of py in qzvn. Poorly developed anheral xls	py	10	vn
220.15	221.1	Brecciated qzvn highly fragmented with clasts <5cm. Py mineralisation intense throughout this zone	py	3	vn
231.15	231.9	Very abundant pyrite within small microfractures/stringers explooiting grain boundaries. Some larger quartz veining hosting pyrite and several small belbs or completely replaced clasts of pyrite with some possible minor arsenopyrite.	py	3	vn

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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From:	To:	Comments	Mineral	Percent	Distribution
231.15	231.9	Very minor aspy within some of the stringers that are dominated by pyrite.	asp	0.01	vn
231.9	232.1	Increase in pyrite, many of which are fine-grained euhedral cubes.. Associated with small zone of possible gouge faulting and increase in quartz veining.	py	5	vn
231.9	232.1	Same increase of aspy as with the pyrite within a small faulted zone associated with increased quartz veining.	asp	0.1	vn
232.1	241.95	Still moderately abundant pyrite with minor arsenopyrite within small microfractures/stringers exploiting grain boundaries and within some larger quartz veining. Same character of mineralisation as from 2231.15-131.9 but much decreased sulfide content.	asp	0.01	vn
232.1	237.8	Still moderately abundant pyrite with minor arsenopyrite within small microfractures/stringers exploiting grain boundaries and within some larger quartz veining. Same character of mineralisation as from 2231.15-131.9 but much decreased sulfide content.	py	1	vn
237	237.8	Significant increase in pyrite content within thin white carbonate veining cutting at several angles (both high and low CA) containing up to 40% pyrite within the small interval of black phyllite	py	4	vn
237	240.45	drastic decrease of sulfide content. Pyrite almost entirely wthin quartz veining. Very minor disseminated pyrite.	py	0.5	vn
240.45	241	Increase in sulfide content predominantly distributed throughout the sandstone matrix.	py	2	diss
241	241.95	Total sulfide content has remained constant but sulfide is now predominantly within thin quartz veining.	py	2	vn
241.95	242.15	Introduction of very vuggy quartz-carbonate veining with extremely abundant pyrite along with minor arsenopyrite and sphalerite. There are a few larger quartz veins remaining without carbonate but dominant veining is now quartz carbonate.	py	5	vn
241.95	242.15	Introduction of very vuggy to massive quartz-carbonate veining with extremely abundant pyrite along with minor arsenopyrite and sphalerite. There are a few larger quartz veins remaining without carbonate but dominant veining is now quartz carbonate.	asp	0.5	vn
241.95	242.15	Introduction of very vuggy quartz-carbonate veining with extremely abundant pyrite along with minor arsenopyrite and sphalerite. There are a few larger quartz veins remaining without carbonate but dominant veining is now quartz carbonate.	sph	0.1	vn
242.15	245.6	Minor pyrite and trace arsenopyrite within quartz and quartz carbonate veining. Very minor disseminated sulfide	py	1	vn
242.15	252.15	Minor pyrite and trace arsenopyrite within quartz and quartz carbonate veining. Very minor disseminated sulfide	asp	0.01	vn
245.6	248.1	minor vein to disseminated pyrite with only trace arsenopyrite.	py	0.5	vn
248.1	250.3	Drastic increase in pyrite content hosted primarily within quartz and quartz carbonate veining and sipersed throughout the rock along a pervasive microfracture network.	py	5	vn
248.1	250.3	Minor but still significant blebs of sphalerite visible within some of the quartz-carbonate veining, generally associated with pyrite.	sph	0.1	vn
248.86	262.1	Associated with pyrite in quartz and qtz-carbonate veining.	asp	1	vn
250.3	252.15	Within quartz veining as a very large bleb containing subhedral to massive sphaleriteassociated with pyrite	sph	0.5	vn
250.3	252.15	Primarily at vein boundaries but also within veining.	py	2	vn
252.15	253.25	within quartz veins and at vein boundaries as well as dispersed throughout the rock by a network of microveinlets.	py	4	vn
252.15	253.25	Within a pyrite-rich vein set at a low CA that is disrupted and partially brexxiated and as what look to be late-stage almost completely aspy stringers cutting earlier quartz veins.	asp	2	vn
253.25	258.86	Very abundant fg massive to euhedral pyrite in quartz veining and sx stringers.	py	4	vn
253.25	258.86	Within a pyrite-rich vein set at a low CA that is disrupted and partially brecciated, within quartz-carbonate veining and as what look to be late-stage almost completely aspy stringers cutting earlier quartz veins.	asp	2	vn
258.86	262.1	Within quartz and quartz-carbonate veining and stringer/fracture network	py	5	vn
258.86	262.1	Minor disseminated pyrite cubes throughout the interval.. Possibly controlled by microfracturing.	py	1	vn
262.1	274.1	Within some of the tigmatically folded and the tension veining. Generally marked by minor feo staining of the quartz.	py	1	vn
274.1	274.35	Abundant massive folded pyrite blebs within folded beds. Dismantled veining?	py	5	vn
274.35	275.25	Within some of the tigmatically folded and the tension veining. Generally marked by minor feo staining of the quartz.	py	1	vn
275.25	276.7	Within braided to discontinuous quartz veining. Many of the veins are vuggy with minor carbonate left in vugs.	py	3	vn
275.25	276.7	Very minor arsenopyrite within some microfaulted quartz-carbonate veining	asp	0.1	vn

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	75	160	354				

From:	To:	Comments	Mineral	Percent	Distribution
276.7	277.65	Often mg and euhedral cubic pyrite in wavy non-continuous quartz veining.	py	10	vn
277.65	280.5	Arsenopyrite is occuring within quartz and quartz-carbonate veins associated with pyrite and in mall sulfide stringers that are almost entirely coposed of asp and seem to be late stage as they are cutting many of the quartz veins.	asp	1	vn
277.65	280.5	A small amount of sphalerite is found in several thin quartz-carbonate veins containing very abundant (30-40%) pyrite.	sph	0.1	vn
277.65	280.5	Abundant pyrite within quartz and quartz carbonate veining and distributed throughout the rock along a network of microveinlets/fractures. Some of the veins contain abundant mg-cg euhedral cubic pyrite.	py	15	vn
280.5	281.45	Very abundant arsenopyrite and pyrite in vuggy quartz and quartz-carboante veins… The veining is very abundant inthis interval ranging from ~30-45% of the rock.	asp	3	vn
280.5	281.45	Very abundant arsenopyrite and pyrite in vuggy quartz and quartz-carboante veins… The veining is very abundant inthis interval ranging from ~30-45% of the rock.	py	10	vn
281.45	282.45	decrease in veining and carboante content of the veins is accompanied by a drastic decrease in sulfide content (now ~5% veining)	py	2	vn
281.45	282.45	decrease in veining and carboante content of the veins is accompanied by a drastic decrease in sulfide content (now ~5% veining)	asp	0.1	vn
282.45	283.5	Zone with very abundant, almost brecciating, vuggy quartz carbonate veins (20-30%) with abundant cubic pyrite andd lesser, but still abundant arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	py	10	vn
282.45	283.5	Zone with very abundant, almost brecciating, vuggy quartz carbonate veins (20-30%) with abundant cubic pyrite andd lesser, but still abundant arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	asp	1	vn
282.45	283.5	Zone with very abundant, almost brecciating, vuggy quartz carbonate veins (20-30%) with abundant cubic pyrite andd lesser, but still abundant arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	sph	1	vn
283.5	285.85	Decreased but still reasonably abundant vuggy quartz carbonate veins (10-15%) with abundant cubic pyrite and minor arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	py	7	vn
283.5	285.85	Decreased but still reasonably abundant vuggy quartz carbonate veins (10-15%) with abundant cubic pyrite and minor arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	asp	0.5	vn
283.5	285.85	Decreased but still reasonably abundant vuggy quartz carbonate veins (10-15%) with abundant cubic pyrite and minor arsenopyrite and sphalerite. Also, within the phyllite, some stringers at high angle to core axis containig almost exclusively pyrite.	sph	0.01	vn
285.85	286.9	Zone with much less abundant sulfides but a slightly elevaeted arsenopyrite content occurring as very fine-grained dusty dispersions around stringers… associated with pyrite. Veining in this section tends to be thin ranging from 1-3mm.	py	2	vn
285.85	286.9	Zone with much less abundant sulfides but a slightly elevaeted arsenopyrite content occurring as very fine-grained dusty dispersions around stringers… associated with pyrite. Veining in this section tends to be thin ranging from 1-3mm.	asp	1	vn
286.9	288.4	Increase in pyrite and arsenopyrite content associated with the increase in vuggy-quartz carbonate veining. There is an abundant qtz-vein set (parallel to foliation?) at almost 90 CA cutting across and disrupting both bedding and earlier vein sets. This veining contains minor pyrite. The qtz-carboante veining ranges from 20-50 CA and is often wavy and disrupted.	asp	2	vn
286.9	288.4	Increase in pyrite and arsenopyrite content associated with the increase in vuggy-quartz carbonate veining. There is an abundant qtz-vein set (parallel to foliation?) at almost 90 CA cutting across and disrupting both bedding and earlier vein sets. This veining contains minor pyrite. The qtz-carboante veining ranges from 20-50 CA and is often wavy and disrupted.	py	5	vn
288.4	289.05	Very minor sulfides associated with stringers and veinng	py	0.5	vn
288.4	289.05	Very minor sulfides associated with stringers and veinng	asp	0.01	vn
289.05	296.15	broken up and faulted nature of the core in this interval obscures the veining and mienralisation but abundant pyrite within vein fragments is still visible along with very minor arsenopyrite. In the more competent sections the veining is irregularand discontinuous ranging from almost parallel to perpendicular to the core-axis. Pyrite is present within quartz veining, qtz-caronate veining and as blebs and sulfide stringers.	py	5	vn

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
	Plunge:	Azimuth:	EOH:				
	75	160	354				

From:	To:	Comments	Mineral	Percent	Distribution
289.05	296.15	broken up and faulted nature of the core in this interval obscures the veining and mienralisation but abundant pyrite within vein fragments is still visible along with very minor arsenopyrite. In the more competent sections the veining is irregularand discontinuous ranging from almost parallel to perpendicular to the core-axis. Pyrite is present within quartz veining, qtz-caronate veining and as blebs and sulfide stringers.	asp	0.01	vn
296.15	298	Extremely mineralised section with sulfide stringers consisting both of primarily arsenopyrite and of pyrite, vuggy-qtz-carbonate veining containing abundant dusty dispersions of asp and euhedral pyrite cubes, and quartz veining containing lesser but still significant pyrite, particularly along their margins.	py	10	vn
296.15	298	Extremely mineralised section with sulfide stringers consisting both of primarily arsenopyrite and of pyrite, vuggy-qtz-carbonate veining containing abundant dusty dispersions of asp and euhedral pyrite cubes, and quartz veining containing lesser but still significant pyrite, particularly along their margins.	asp	10	vn
298	300.65	Still extremely mineralised through the fault zone but dominated by pyrite and significantly less arsenopyrite visible.	asp	5	vn
298	300.65	Still extremely mineralised through the fault zone but dominated by pyrite and significantly less arsenopyrite visible.	py	10	vn
300.65	303.9	Extremely mineralised section with sulfide stringers consisting both of primarily arsenopyrite and of pyrite, vuggy-qtz-carbonate veining containing abundant dusty dispersions of asp and euhedral pyrite cubes, and quartz veining containing lesser but still significant pyrite, particularly along their margins.	py	10	vn
300.65	303.9	Extremely mineralised section with sulfide stringers consisting both of primarily arsenopyrite and of pyrite, vuggy-qtz-carbonate veining containing abundant dusty dispersions of asp and euhedral pyrite cubes, and quartz veining containing lesser but still significant pyrite, particularly along their margins.	asp	10	vn
303.9	307.15		asp	3	vn
303.9	309.85	Slight decrease in sulfide content, particularly the arsenopyrite associated with a drop in brecciation and in the stringer content even though the quartz veining is still very abundant.	py	7	vn
307.15	310.3	asp py in qzvn and along chlorite stringers that follow semi penetrative seams	asp	1	vn
307.15	310.7	py along qzvns and chlorite rich stringers, slightly diss through wall rock next to veins	py	3	vn
310.3	310.7	asp along qzvns and chlorite rich stringers, slightly diss through wall rock next to veins	asp	3	vn
310.7	312.6	py disseminated through qpc matrix, dominantly around areas of qzvning	py	1	diss
310.7	312.6	asp along qzvns and chlorite rich stringers, slightly diss through wall rock next to veins	asp	0.5	vn
310.7	312.6	py along qzvns and chlorite rich stringers, slightly diss through wall rock next to veins	py	1	vn
312.1	312.11	galena within qzvn stringer associated with bleb of py and asp xls	gn	2	vn
312.6	315	fine sub-euhedral xls diss throughout qpc matrix clasts	py	0.5	diss
312.6	315	vfgr asp xls diss throughout qpc matrix	asp	0.5	diss
315	327.2	vfgr asp xls diss throughout qpc matrix	asp	0.1	diss
315	318	fine sub-euhedral xls diss throughout qpc matrix clasts	py	0.1	diss
315.55	318	py mineralisation along qzvns and selvedge	py	0.5	vn
318	318.7	diss py throughout phyl/SS gouge zone	py	1	diss
318.7	320.8	fine sub-euhedral xls diss throughout qpc matrix clasts	py	0.5	diss
320.8	327.2	fine sub-euhedral xls diss throughout qpc matrix clasts	py	0.1	diss
327.2	334.1	fine sub-euhedral xls diss throughout qpc matrix clasts	py	0.5	diss
334.1	349.15	py mineralisation in chlorite altered qzvns and selvedge	py	0.1	vn

Point Structure

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
12.3	Cleavage	17	Sx	LIM	FOL	50			discontinuous 1-2cm spaced dark seams dominantly within the finer grained granular QPC
17.5	Cleavage	17	Sx	LIM	FOL	50			Stronger fabric continuous through core, SHTV follow same orientation
17.6	Veins			LIM	SHTV	50			3cm spaced series of 1cm thick qzvns
21	Cleavage	17	S1	LIM	FOL	45			
27.3	Veins			LIM	SHTV	43	90		1cm thick STVN in competent pbl QPC
27.9	Veins			LIM	SHTV	40	112		2cm single vein in competent pbl QPC
29.7	Cleavage		S1	LIM	FOL	55	250		Stronger fabric in granular QPC where matrix is more abundant and more easily deformed. Sheeted veins following this plane
41.25	Faults			LIM	Gouge				Lim altered 5cm gouge
41.5	Bedding		So	hem	bed	70			Phyl SS bedding
50.5	Cleavage		S1	hem	FOL	70			
53.8	Cleavage		S1	LIM	FOL	45	210		Well developed fabric in granular QPC, foliation resembles thin spaced fractures that penetrate right through rock
54.2	Cleavage		S1	LIM	FOL	60	230		Well developed fabric in granular QPC, foliation resembles thin spaced fractures that penetrate right through rock
64.25	Veins			LIM	SHTV	45			Single 2cm sheeted vn following fol
68.6	Faults			hem	Gouge				phyllite gouge with hem altn
73.5	Veins			LIM	SHTV	45			series of 2cm qzvns with lim alteration following fol.
75.4	Veins			hem	SHTV	55			1cm thick qzvn with intense hem altn
75.7	Faults			hem	Gouge				phyl gouge with hem and lim altn
79.5	Cleavage			LIM	FOL	45			Seams and alignment of qzt clasts in qpc
81.45	Cleavage			LIM	FOL	55	78		Seams running through granule QPC and cgr SS representing foliation
86.45	Contact			LIM	bed	45			Contact between SS-QPC
89.35	Cleavage			LIM	FOL	60	260		alignmen of clasts in qpc and foliation seams
95	Veins			LIM	bx matrix				Brecciated and STWK veining of qpc
98.8	Veins			LIM	SHTV	45	300		
103.8	Veins			LIM	SHTV	30	342		0.5cm thick sheeted vns
104.8	Cleavage			LIM	FOL	55	74		Brown penetrative seams through the QPC/SS reprensenting foliation
107.8	Veins			LIM	mass	40	70		
114.1	Veins			chl	SHTV	35	212		1cm thick sheeted veins following fol
117	Cleavage			LIM	FOL	70	170		penetrative seams in granule qpc, sheeted veins following same orientation
119.5	Cleavage			LIM	FOL	65	140		brown penetrative seams in granule qpc, sheeted veinsx-cutting fol.
122.2	Veins			LIM	TVA	35	5		Sheeted vein that has undergone shearing, pinch out and offset
123.7	Contact			LIM	bed	45			orientation of sharp contact bw SS and QPC
127	Veins			LIM	SHTV	40	94		5 2mm thick sheeted veins, 4cm spacing
130.3	Faults			hem	Gouge				gouged phyllite with hem and lim altn
132.5	Veins			LIM	TVA	25			Sheared discontinuous boudinaged 1cm this qzvns folded and local intense lim altn
136	Veins			sco	STWK				stwk qzvning and major BFZ filled with scorodite and limonite.
138.05	Veins			LIM	TVA	30			Sheared sheeted vn 0.5cm thick
140.9	Veins			LIM	SHTV	40	34		highly deformed and sheared phyl bed with sheared sheeted qzt vns

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
146.2	Faults			chl	Gouge				muddy gouge zone at the end qzvn
150.2	Veins			chl	SHTV	55	192		2cm thick shtv in qpc
152.5	Veins			chl	SHTV	35	350		
155.15	Veins		S2	chl	SHTV	55	290		
155.2	Veins		S1	chl	SHTV	35	182		1st generation 2mm shtv x-cut by larger sheeted vn
157.7	Cleavage		S1	chl	FOL	40			Mineral grain alignment in qpc
157.8	Veins			chl	SHTV	35	256		
158.8	Veins			fecb	SHTV	55	5		2cm thick 2cm space SHTV between qpc
162	Veins			chl	SHTV	40	202		
162.45	Veins			chl	SHTV	40	168		2cm thick sheeted vn with py mineralisation
170.8	Faults			fecb	Gouge				phyl gouge with fecb altn and diss py min 15cm thick
172.1	Faults			fecb	Gouge				phyl gouge with fecb altn and diss py min 15cm thick
172.5	Veins			fecb	QBX				Qz bx with fecb altn
176.5	Veins			py	CTV	40	322		1cm thick SHTV with comb structure, py min
177.6	Cleavage			fecb	FOL	55	42		
186.3	Bedding			fecb	bed	50			phyllite bedding
188.2	Veins			fecb	SHTV	60	40		sheeted qzvns in silicified qpc
189.6	Veins			fecb	QBX				qzt bx with chl stringers and fragments of fecb altered qpc
192.6	Faults			chl	Gouge				10cm chloritized phyllictic gouge zone in qbx fault zone
200	Bedding			fecb	bed	60			2cm pinched out fecb altered phyllite beds
201.3	Faults				Gouge				phyllitic gouge
207.9	Faults			py	Gouge				phyllitic gouge
210.6	Veins			fecb	SHTV	25	210		3cm thick sheeted qzvn
211	Veins			fecb	SHTV	60	298		2cm thick qz shtv
216	Veins			chl	mass				40 cm thick qzvn with chl altered stringers and fracs
218.8	Faults	38		mud	Gouge				muddy phyllitic gouge
219	Veins			chl	mass				60cm thick qzvn with fecb altered qpc inclusions and chl stringers
220.9	Faults			chl	QBX				brecciated qzvns and qpc
227.2	Veins			fecb	SHTV	45	130		1cm thick sheeted qzvn
227.8	Veins				SHTV	25	270		1cm thick qzvn
242.8	Veins			qtz	STWK	45	160		
243.45	Veins			chl	Veinlets	42	138		Dark banded to slightly braided chlorite-rich veinlets that cross and cut quartz veining
243.5	Veins			qtz	SHTV	55	170		Set of subparallel white quartz veins containing very minor pyrite
244.85	Veins			qtz	Open	50	82		white to pale yellow tinted very vuggy quartz-carbonate vein of 5 cm in width
245	Veins			qtz	SHTV	40	20		white to pale yellow tinted very vuggy quartz-crb vein set from 1-3 cm in width
245.1	Veins			chl	Veinlets	65	133		Dark braided to banded veinlets that cross and cut quartz veining
250.1	Veins			qtz	SHTV	10	60		White quartz veins with very minor pyrite… cut and slightly displace the shallow core-angle vein containing sphalerite
250.15	Veins			qtz		65	167		Quartz vein almost parallel to the core with abundant pyrite and minor blebs of sphalerite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
251.1	Veins			qtz	SHTV	25	300		Quartz vein set with minor carbonate, abundant pyrite and sphalerite. Appears to be cutting earlier less sulfide-rich vein set described at the same location
251.2	Veins			qtz	SHTV	55	231		White quartz vein set that dominates the interval.
252	Bedding	46	So			70	72		Bedding contact between fg sandstone and phyllite. Very sharp.
252.5	Veins			qtz		55	43		White to cream-coloured quartz-carboante vein. Carbonate concentrated in centre of vein.
253.7	Veins	38			SHTV	55			2 0.5cm spaced shtv qzvns
258.8	Veins			qtz	SHTV	75	280		Qtz-carbonate vein set with up to 5% pyrite, 3% asp.
259.45	Cleavage	4	S1			50	230		
259.95	Bedding	46	So			70	165		
261.15	Veins			qtz	SHTV	50	305		Qtz-carboante vein set with up to 5% pyrite and 1% arsenopyrite
261.2	Veins			qtz	SHTV	80	0		Qtz-carbonate vein set with up to 10% pyrite and minor, 1%, asp. Cuts vein at 261.15 and displaces it out of core.
267.15	Veins			qtz	SHTV	55	178		tigmatically folded with approximately 2% pyrite.
267.6	Cleavage	5	S2			85	347		Axial planar cleavage around whcihc S1 and many of the quartz veins are folded
269.5	Cleavage	5	S2			70	182		Axial planar cleavage aroudn which quartz veining and S1 is folded
270.8	Cleavage	4	S1			50	10		Foliation within the phyllite… folded by S2 parallel to some qtz veins while seeming axial planar to some of the folding in the quartz veining.
270.92	Bedding	46	So			35	180		Bedding contact between sandstone and phyllite
273.7	Veins	38		qtz		60	165		qtz veins with a braided, brecciating character off of which abundant perpendicular splays of tension veining branch off.
275	Cleavage	5	S2			35	190		penetrative cleavage.. Looks to be subtly crenulating S1
275.1	Veins	5		qtz	SHTV	55	198		wavy quartz vein with minor pyrite.
275.2	Cleavage	4	S1			25	35		penetrative cleavage
275.35	Veins	38		qtz		15	260		qtz vein with abundant (30%) pyrite. Shows some disruption/displacement and a slight wavyness (gently folded?)
275.8	Veins	38		qtz		30	315		Banded quartz-carbonate vein with abundant pyrite and some possible trace sphalerite. Vein is cut and displaced
275.85	Faults	78		qtz		40	181		parallel microfaulting set with minor qtz stringers… displace qtz carbonate veins in a reverse direction (likely a strike-slip component as well but not visible) displacement ranges from 2mm to 1cm.
281.9	Veins	38		qtz	Veinlets	25	130		parallel to bedding contact with abundant pyrite
281.9	Bedding	1	So			25	130		bedding contact between sandstone and phyllite. Seems to be fining upwards
281.95	Cleavage	17	Sx			70	130		penetrative cleavage in phyllite
283.12	Bedding	46	So			60			bedding contact between phyllite and sandstone
283.15	Veins	38		qtz	Open	20			Very vuggy quartz carbonate veins with abundant cubic pyrite and sphalerite
285.65	Veins	38		py		30			small almost entirely pyrite stringers
293.4	Fold axes	18	F1			50			isoclinal folding of bedding
296.4	Veins	38		qtz	SHTV	50			qtz-crb-pyr-asp vuggy veining cuts the shallower angle qtz-crb veining
296.4	Veins	38		qtz	SHTV	5			qtz-crb-pyr-asp vuggy veining cut by other veining
296.4	Veins	38		py	Veinlets	50			pyrite-aspy veinlets
296.4	Veins	38		asp	Veinlets	85			Stringers composed almost entirely of aspy

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
296.4	Veins	38		py	Veinlets	10			pyrite-aspy stringers
297.5	Veins	38		qtz	SHTV	65			Set of large (2-6cm wide) white quartz vein cut by stringers and qtz-crb veining minor sulfides on vein margins.
300.2	Cleavage	4	S1			80			penetrative foliation and fold axis of So
300.25	Cleavage	5	S2			20			spaced cleavage and fold axis of crenulations in S1
301.6	Veins	38		asp	SHTV	30			asp-py veinlet set
301.75	Cleavage	4	S1			80			spaced to penetrative foliation and axial plane to folding in a quartz vein
307.4	Bedding	46	So			45			Bedding contact between phyllite and sandstone
310	Cleavage	4	S1	qtz		70			penetrative foliation in QPC along which qtz pebbles are lining up and merging.
312.6	Veins	38	V1	qtz		50			Large (2 cm) white quartz vein with minor carbonate at fringes… is cut and displaced by qtz vein with 85CA and a banded qtz-crb-chlorite vein with 45CA
312.6	Veins	38	V2	qtz		45			Thin (0.5 cm) banded qtz-crb-chlorite vein that cuts and displaces qtz vein with 50CA.
312.6	Veins	38	V2	qtz		85			Large (3 cm) white quartz vein with minor carbonate at fringes… cuts and displaces qtz vein with 50CA. This steep CA vein set is the dominant vein set within this lithology interval.
320.5	Cleavage	4		fecb	FOL	55			Sheared elongated qtz clasts in qpc with penetrative seams, shtv follow same plane
320.65	Veins	38		fecb	SHTV	55			1cm thick shtv qzvns, 2-10cm spacing
329.45	Veins	38		chl	TVA	35			0.5cm thick, 3 cm long qtz tension veins. This measurement is the shear zone boundary
329.45	Veins	38		chl	TVA	25			0.5cm thick, 3 cm long qtz tension veins. This measurement is the qzvns
332.8	Veins	38		fecb	Drusy	80	212		1cm thick shtv with vugs throughout
333.15	Cleavage	4			FOL	65	180		penetrative seams thru SS
333.2	Contact	46		fecb	bed	75			contact between SS and qpc in interbedded zone
334.15	Faults				Gouge				10cm long phyllitic gouge zone
336.85	Veins	38		chl	SHTV	75	74		0.5-1cm thick sheeted veins throughout phyl/SLT
339	Bedding	46			bed	80	62		phyllite SLT bedding
342.4	Cleavage	4			FOL	55	182		shinny phyllitic cleavage in phyl and slt beds
342.75	Contact	46			bed	50	160		phyllite SLT bedding
345	Bedding	46			bed	70	60		phyl SLT bedding planes
347.7	Cleavage	4			FOL	65	95		penetrative foliation in phyllite

Assay Samples

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29096	10.5	12	2011	Expl Geochem	H-split	MT-CO.pbl
29097	12	14	2011	Expl Geochem	H-split	MT-CO.pbl
29098	14	16	2011	Expl Geochem	H-split	MT-CO.pbl
29099	16	18	2011	Expl Geochem	H-split	MT-CO.pbl
29100	18	20	2011	Expl Geochem	H-split	MT-CO.pbl
29101	20	22	2011	Expl Geochem	H-split	MT-CO.pbl
29102	22	24	2011	Expl Geochem	H-split	QZVN
29103	24	26.28	2011	Expl Geochem	H-split	MT-CO.pbl
29104	26.28	28	2011	Expl Geochem	H-split	MT-CO.pbl
29105	28	30	2011	Expl Geochem	H-split	MT-CO.pbl
29106	30	32	2011	Expl Geochem	H-split	MT-CO.pbl
29107	32	34	2011	Expl Geochem	H-split	MT-CO.pbl
29108	34	36	2011	Expl Geochem	H-split	MT-CO.pbl
29109	36	36.6	2011	Expl Geochem	H-split	MT-CO.pbl
29111	36.6	38	2011	STND	CDN-GS-8B	MT-Phy.n
29112	36.6	38	2011	DUP	Q-Split	MT-Phy.n
29110	36.6	38	2011	Expl Geochem	H-split	MT-Phy.n
29113	38	40	2011	Expl Geochem	H-split	MT-Phy.n
29114	40	42	2011	Expl Geochem	H-split	MT-Phy.n
29115	42	44	2011	Expl Geochem	H-split	MT-Phy.n
29116	44	46	2011	Expl Geochem	H-split	MT-Phy.n
29117	46	48	2011	Expl Geochem	H-split	MT-Phy.n
29118	48	50	2011	Expl Geochem	H-split	MT-Phy.n
29119	50	50.75	2011	Expl Geochem	H-split	MT-Phy.n
29120	50.75	52	2011	Expl Geochem	H-split	MT-CO.pbl
29121	52	54	2011	Expl Geochem	H-split	MT-CO.pbl
29122	54	56	2011	Expl Geochem	H-split	MT-CO.pbl
29123	56	58	2011	Expl Geochem	H-split	MT-CO.pbl
29124	58	60	2011	Expl Geochem	H-split	MT-CO.pbl
29125	60	62	2011	Expl Geochem	H-split	MT-CO.pbl
29126	62	64	2011	Expl Geochem	H-split	MT-CO.pbl
29127	64	66	2011	Expl Geochem	H-split	MT-CO.pbl
29128	66	68	2011	Expl Geochem	H-split	MT-CO.pbl
29129	68	69	2011	Expl Geochem	H-split	MT-CO.pbl
29130	69	72	2011	Expl Geochem	H-split	MT-Phy.n
29131	72	74.05	2011	Expl Geochem	H-split	MT-CO.pbl
29132	74.05	76	2011	Expl Geochem	H-split	MT-CO.pbl
29133	76	78	2011	Expl Geochem	H-split	MT-CO.pbl
29134	78	80	2011	Expl Geochem	H-split	MT-CO.pbl

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Plunge: 75 **Azimuth:** 160 **EOH:** 354

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29135	80	82	2011	Expl Geochem	H-split	MT-CO.pbl
29136	82	84	2011	Expl Geochem	H-split	MT-CO.pbl
29137	84	85.5	2011	Expl Geochem	H-split	MT-CO.pbl
29138	85.5	86.55	2011	Expl Geochem	H-split	MT-SS.cgr
29139	86.55	88	2011	Expl Geochem	H-split	MT-CO.pbl
29140	88	90	2011	Expl Geochem	H-split	MT-CO.pbl
29141	90	92.1	2011	Expl Geochem	H-split	MT-CO.pbl
29142	92.1	94	2011	Expl Geochem	H-split	MT-CO.pbl
29143	94	96	2011	Expl Geochem	H-split	MT-CO.pbl
29144	96	98	2011	Expl Geochem	H-split	MT-CO.pbl
29145	98	100	2011	Expl Geochem	H-split	MT-CO.pbl
29146	100	102	2011	Expl Geochem	H-split	MT-CO.pbl
29147	102	104	2011	Expl Geochem	H-split	MT-CO.pbl
29148	104	106	2011	Expl Geochem	H-split	MT-CO.pbl
29150	104	106	2011	Blank	LWS_2011	MT-CO.pbl
29149	104	106	2011	DUP	Q-Split	MT-CO.pbl
29151	106	108	2011	Expl Geochem	H-split	MT-CO.pbl
29152	108	110.3	2011	Expl Geochem	H-split	MT-CO.pbl
29153	110.3	111.3	2011	Expl Geochem	H-split	MT-Phy.n
29154	111.3	112.5	2011	Expl Geochem	H-split	MT-Phy.n
29155	112.5	114	2011	Expl Geochem	H-split	MT-CO.pbl
29156	114	116	2011	Expl Geochem	H-split	MT-SS.fgr
29157	116	118.2	2011	Expl Geochem	H-split	MT-SS.fgr
29158	118.2	120	2011	Expl Geochem	H-split	MT-SS.fgr
29159	120	122	2011	Expl Geochem	H-split	MT-CO.pbl
29160	122	124	2011	Expl Geochem	H-split	MT-CO.pbl
29161	124	125	2011	Expl Geochem	H-split	MT-CO.pbl
29162	125	126.55	2011	Expl Geochem	H-split	MT-CO.pbl
29163	126.55	128	2011	Expl Geochem	H-split	MT-Phy.n
29164	128	130	2011	Expl Geochem	H-split	MT-SS.mgr
29165	130	132	2011	Expl Geochem	H-split	MT-SS.mgr
29166	132	134.2	2011	Expl Geochem	H-split	MT-SS.mgr
29167	134.2	136.15	2011	Expl Geochem	H-split	MT-CO.pbl
29168	136.15	138	2011	Expl Geochem	H-split	MT-CO.pbl
29169	138	140	2011	Expl Geochem	H-split	MT-CO.pbl
29170	140	141	2011	Expl Geochem	H-split	MT-CO.pbl
29171	141	142.5	2011	Expl Geochem	H-split	MT-CO.pbl
29172	142.5	144	2011	Expl Geochem	H-split	QZVN
29173	144	146.15	2011	Expl Geochem	H-split	QZVN

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Plunge: 75 **Azimuth:** 160 **EOH:** 354

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29174	146.15	148	2011	Expl Geochem	H-split	MT-CO.pbl
29175	148	150	2011	Expl Geochem	H-split	MT-CO.pbl
29176	150	152	2011	Expl Geochem	H-split	QZVN
29177	152	154	2011	Expl Geochem	H-split	MT-CO.pbl
29178	154	156	2011	Expl Geochem	H-split	MT-CO.pbl
29179	156	158	2011	Expl Geochem	H-split	MT-CO.pbl
29180	158	160	2011	Expl Geochem	H-split	MT-CO.pbl
29181	160	162	2011	Expl Geochem	H-split	MT-CO.pbl
29182	162	164	2011	Expl Geochem	H-split	MT-CO.pbl
29183	164	166	2011	Expl Geochem	H-split	MT-CO.pbl
29184	166	168	2011	Expl Geochem	H-split	MT-CO.pbl
29187	168	168.8	2011	DUP	Q-Split	MT-CO.pbl
29185	168	168.8	2011	Expl Geochem	H-split	MT-CO.pbl
29186	168	168.8	2011	STND	CDN-GS-8B	MT-CO.pbl
29188	168.8	171	2011	Expl Geochem	H-split	MT-CO.pbl
29189	171	172.3	2011	Expl Geochem	H-split	MT-CO.pbl
29190	172.3	174	2011	Expl Geochem	H-split	MT-CO.pbl
29191	174	176	2011	Expl Geochem	H-split	MT-CO.pbl
29192	176	178	2011	Expl Geochem	H-split	MT-CO.pbl
29193	178	180	2011	Expl Geochem	H-split	MT-CO.pbl
29194	180	182	2011	Expl Geochem	H-split	MT-CO.pbl
29195	182	184	2011	Expl Geochem	H-split	MT-CO.pbl
29196	184	186	2011	Expl Geochem	H-split	MT-CO.pbl
29197	186	188	2011	Expl Geochem	H-split	MT-CO.pbl
29198	188	190	2011	Expl Geochem	H-split	MT-CO.pbl
29199	190	191.2	2011	Expl Geochem	H-split	MT-CO.pbl
29200	191.2	192	2011	Expl Geochem	H-split	QZVN
29201	192	194	2011	Expl Geochem	H-split	MT-SS.fgr
29202	194	195	2011	Expl Geochem	H-split	MT-SS.fgr
29203	195	197	2011	Expl Geochem	H-split	MT-SS.fgr
29204	197	198	2011	Expl Geochem	H-split	MT-SS.fgr
29205	198	199	2011	Expl Geochem	H-split	MT-SS.fgr
29206	199	200	2011	Expl Geochem	H-split	MT-SS.fgr
29207	200	201	2011	Expl Geochem	H-split	MT-SS.fgr
29208	201	203	2011	Expl Geochem	H-split	MT-SS.fgr
29209	203	204	2011	Expl Geochem	H-split	MT-SS.fgr
29210	204	206.75	2011	Expl Geochem	H-split	MT-SS.fgr
29211	206.75	208	2011	Expl Geochem	H-split	MT-SS.fgr
29212	208	210	2011	Expl Geochem	H-split	MT-SS.fgr

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Plunge: 75 **Azimuth:** 160 **EOH:** 354

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29213	210	212	2011	Expl Geochem	H-split	MT-CO.pbl
29214	212	214	2011	Expl Geochem	H-split	MT-CO.pbl
29215	214	216	2011	Expl Geochem	H-split	MT-CO.pbl
29216	216	218	2011	Expl Geochem	H-split	MT-CO.pbl
29217	218	219.75	2011	Expl Geochem	H-split	MT-CO.pbl
29218	219.75	220.2	2011	Expl Geochem	H-split	MT-CO.pbl
29219	220.2	222	2011	Expl Geochem	H-split	MT-CO.pbl
29220	222	224	2011	Expl Geochem	H-split	MT-CO.pbl
29221	224	226	2011	Expl Geochem	H-split	MT-CO.pbl
29222	226	228	2011	Expl Geochem	H-Split	MT-CO.pbl
29223	226	228	2011	DUP	Q-Split	MT-CO.pbl
29224	226	228	2011	Blank	LWS_2011	MT-CO.pbl
29225	228	230	2011	Expl Geochem	H-split	MT-CO.pbl
29226	230	232	2011	Expl Geochem	H-split	MT-CO.pbl
29227	232	234	2011	Expl Geochem	H-split	MT-CO.pbl
29228	234	235.8	2011	Expl Geochem	H-split	MT-CO.pbl
29229	235.8	237	2011	Expl Geochem	H-split	MT-CO.pbl
29230	237	238	2011	Expl Geochem	H-split	MT-CO.pbl
29231	238	240	2011	Expl Geochem	H-split	MT-CO.grn
29232	240	241	2011	Expl Geochem	H-split	MT-CO.grn
29233	241	243.35	2011	Expl Geochem	H-split	MT-CO.grn
29234	243.35	245.1	2011	Expl Geochem	H-split	MT-CO.grn
29235	245.1	246.9	2011	Expl Geochem	H-split	MT-CO.grn
29236	246.9	248.1	2011	Expl Geochem	H-split	MT-CO.grn
29237	248.1	250.3	2011	Expl Geochem	H-split	MT-CO.grn
29238	250.3	252	2011	Expl Geochem	H-split	MT-Phy.n
29239	252	253.15	2011	Expl Geochem	H-split	MT-CO.pbl
29240	253.15	254.25	2011	Expl Geochem	H-split	MT-SS.fgr
29241	254.25	255.45	2011	Expl Geochem	H-split	MT-SS.fgr
29242	255.45	257.86	2011	Expl Geochem	H-split	MT-SS.fgr
29243	257.86	258.7	2011	Expl Geochem	H-split	MT-SS.fgr
29244	258.7	260.2	2011	Expl Geochem	H-split	MT-SS.fgr
29245	260.2	262.1	2011	Expl Geochem	H-split	MT-SS.fgr
29246	262.1	264	2011	Expl Geochem	H-split	MT-Phy.n
29247	264	265	2011	Expl Geochem	H-split	MT-Phy.n
29248	265	265.75	2011	Expl Geochem	H-split	MT-Phy.n
29249	265.75	267	2011	Expl Geochem	H-split	MT-Phy.n
29250	267	269.1	2011	Expl Geochem	H-split	MT-Phy.n
29251	269.1	270.57	2011	Expl Geochem	H-split	MT-Phy.n

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-027 **Grant No.:** YC72447

Plunge: 75 **Azimuth:** 160 **EOH:** 354

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29252	270.57	272	2011	Expl Geochem	H-split	MT-Phy.n
29253	272	274	2011	Expl Geochem	H-split	MT-Phy.n
29254	274	275.25	2011	Expl Geochem	H-split	MT-Phy.n
29255	275.25	276.5	2011	Expl Geochem	H-split	MT-Phy.n
29256	276.5	277.9	2011	Expl Geochem	H-split	MT-SS.fgr
29257	277.9	279	2011	Expl Geochem	H-split	MT-SS.fgr
29258	277.9	279	2011	Blank	LWS_2011	MT-SS.fgr
29259	279	280	2011	Expl Geochem	H-split	MT-SS.fgr
29260	280	281.4	2011	Expl Geochem	H-split	MT-SS.fgr
29261	281.4	282.45	2011	Expl Geochem	H-split	MT-SS.fgr
29262	281.4	282.45	2011	STND	CDN-GS-8B	MT-SS.fgr
29263	281.4	282.45	2011	DUP	Q-Split	MT-SS.fgr
29264	282.45	284	2011	Expl Geochem	H-split	MT-SS.fgr
29265	284	285.85	2011	Expl Geochem	H-split	MT-SS.fgr
29266	285.85	286.9	2011	Expl Geochem	H-split	MT-SS.fgr
29267	286.9	288.92	2011	Expl Geochem	H-split	MT-SS.fgr
29268	288.92	290.6	2011	Expl Geochem	H-split	MT-SS.fgr
29269	290.6	292.4	2011	Expl Geochem	H-split	MT-SS.fgr
29270	292.4	294	2011	Expl Geochem	H-split	MT-SS.fgr
29271	294	296.15	2011	Expl Geochem	H-split	MT-SS.fgr
29272	296.15	298	2011	Expl Geochem	H-split	MT-SS.fgr
29273	298	300.1	2011	Expl Geochem	H-split	MT-Phy.n
29274	300.1	301.3	2011	Expl Geochem	H-split	MT-CO.pbl
29275	301.3	303	2011	Expl Geochem	H-split	MT-CO.pbl
29276	303	304	2011	Expl Geochem	H-split	MT-CO.pbl
29277	304	305.25	2011	Expl Geochem	H-split	MT-CO.pbl
29278	305.25	307	2011	Expl Geochem	H-split	MT-CO.pbl
29279	307	308	2011	Expl Geochem	H-split	MT-CO.pbl
29280	308	310	2011	Expl Geochem	H-split	MT-CO.pbl
29281	310	312	2011	Expl Geochem	H-split	MT-CO.pbl
29282	312	314	2011	Expl Geochem	H-split	MT-CO.pbl
29283	314	316	2011	Expl Geochem	H-split	MT-CO.pbl
29284	316	318	2011	Expl Geochem	H-split	MT-CO.pbl
29285	318	318.7	2011	Expl Geochem	H-split	MT-Phy
29286	318.7	321	2011	Expl Geochem	H-split	MT-CO.pbl
29287	321	323	2011	Expl Geochem	H-split	MT-CO.pbl
29288	323	324.45	2011	Expl Geochem	H-split	MT-CO.pbl
29289	324.45	326.5	2011	Expl Geochem	H-split	QZVN
29290	326.5	328	2011	Expl Geochem	H-split	QZVN

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-027	Grant No.:	YC72447
Plunge:	Azimuth:	EOH:					
75	160	354					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29291	328	330	2011	Expl Geochem	H-split	MT-CO.pbl
29292	330	332	2011	Expl Geochem	H-split	MT-CO.pbl
29293	332	333	2011	Expl Geochem	H-split	MT-CO.pbl
29294	333	334.1	2011	Expl Geochem	H-split	MT-SS.mgr
29295	334.1	336.25	2011	Expl Geochem	H-split	MT-Phy.n
29296	336.25	338	2011	Expl Geochem	H-split	MT-Phy.n
29297	338	340	2011	Expl Geochem	H-split	MT-Phy.n
29298	340	342	2011	Expl Geochem	H-split	MT-Phy.n
29299	340	342	2011	DUP	Q-Split	MT-Phy.n
29300	340	342	2011	Blank	LWS_2011	MT-Phy.n
29301	342	344	2011	Expl Geochem	H-split	MT-Phy.n
29302	344	346.05	2011	Expl Geochem	H-split	MT-Phy.n
29303	346.05	348	2011	Expl Geochem	H-split	MT-Phy.n
29304	348	349.15	2011	Expl Geochem	H-split	MT-Phy.n
29305	349.15	351	2011	Expl Geochem	H-split	MT-CO.grn
29306	351	353	2011	Expl Geochem	H-split	MT-CO.grn
29307	353	354	2011	Expl Geochem	H-split	MT-CO.grn

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-029 **Grant No.:** YC72448

Location				Orientation		
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 60	**Start Date:** 16/09/2011	
533413.1	6845936.1			**Azimuth:** 160	**Finish Date:** 18/09/2011	
Elevation:	1809 m	**Grid Name:** GZS		**EOH:** 55.0 m	**Status:** Incomplete	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ	**Contractor:** Driftwood	
NAD83	9					

Objective:
Follow up to 3A-11-026/027. It is stepped back 50m to the NW and 50m to the NE in order to test the broad sandstone hosted arsenopyrite interval intersected in 026 and 027.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	9	Casing	Overburden		100.0%					
9	13.25	Gry QPC w/ 10% wh cy alt fspar grns and 20% wh to gy qz grns, 0.2-0.4cm (granules size). Wk yel-biege lim alt along fracs and locally concentrated in fspar grns. Fspar grns preferentially weathered (recessive) due to cy comp. Lim alt intensifies as get closer to lower contact w/ interbedded phy-QPC.	MT-CO	grn	100.0%	gy	qtz	20	br	1
13.25	17	2cm wh sheeted QV w/ syntaxial and antiaxial lim fracs x-cutting, wk lim alt. Only occur in QPC.	QZVN	frac	0.0%	w			co	1
13.25	17	Vfgr, blk, well fol (penetrative) w/ 1mm interbeds of gry slt w/ wk fecb alt (red-or) along S0. Occur as interbeds in altered QPC. Sharp irregular contacts. Locally have QPC pbl in phy (soft sed def?).	MT-Phy	fol	45.0%	n			fr	3
13.25	17	Gy QPC w/ 0.2-5cm pbl, dom in 0.4-0.7cm range, pbl are sub angular (phy) to rounded. Clast supported w/ 40% wh-gy qz pbl, 20% (3/4 are or lim alt, 1/4 red hem alt) recessive fspar pbl, 3% blk phy pbl. Wk fecb alt along hairline fracs, mod lim alt along hairline fracs + selectively in fspar pbl.	MT-CO	pbl	55.0%	gy	qtz	40	co	2
17	23.7	Tr 1-2cm wh sheeted QV in pbl QPC w/ lim alt antiaxial fracs.	QZVN	frac	1.0%	w			co	2
17	23.7	Matrix (cgr sndst) supported QPC w/ 0.1 to 0.4cm subrounded to rounded clasts (granule size) interbedded w/ pbl QPC. 1% vfgr blk subangular lithic grns, 15% recessive lim alt fspar grns, 30% wh-gry qz grns. Wk lim alt along fracs and fspar grns.	MT-CO	grn	20.0%	gy	qtz	30	co	2
17	23.7	Clast supported QPC w/ 15% wh (1/2 wh cy alt) to or (1/2 lim alt), 2% lithic (vfgr blk), 70% gry-wh qz pbl measuring 0.5-0.7cm. Wk lim alt along fracs and fspar grns. Locally grns elongated along some kind of fabric, unclear whether it is bedding or foliation.	MT-CO	pbl	79.0%	gy	qtz	70	co	2
23.7	27	0.5-1cm sheeted QV w/ lim antiaxial fracs x-cutting. One 20cm fault fill vn w/ lim antiaxial and syntaxial fracs. Some QPC incorporated into vn plus lim vugs.	QZVN	frac	5.0%	w			co	2
23.7	27	Blk, vfgr, well fol (penetrative) w/ 1mm gy slst interbeds. Mod lim alt along bedding/fol/fracs. Occur as interbeds in QPC w/ sharp irrecgular contacts. Some are v. lrg clasts in QPC, so layers may actually just be lrg phyl boulders in QPC??	MT-Phy	fol	15.0%	n			fr	3
23.7	27	Clast supported pbl QPC w/ 0.2-1cm pbl. 60% wh>gy qz pbl, 15% recessive lim/cy alt or fspar pbl, 2% subangular vfgr blk lithic pbl. Mod lim alt along x-cutting hairline fracs and in fspar grns. X-cut by sheeted QV + one thicker 20cm fault fill QV. 5cm gouge zone at base of interval.	MT-CO	pbl	80.0%	gy	qz	60	co	2
27	30	Interval of gy QPC gouge w/ mod lim alt of gouge. More competent pieces have subrounded to rounded 0.2-0.5cm pbl w/ 10% wh cy alt fspar pbl and 60% gy qz pbls that tend to be 0.4cm (smaller than fspar) and 1% subangular lithic.	MT-CO	gouge	100.0%		qtz	60	lc	4

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-029	Grant No.:	YC72448
	Plunge:	Azimuth:	EOH:				
	60	160	55				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
30	40.9	0.2-2cm folded/irregular sheeted wh QV w/ abndt x-cutting lim fracs + antiaxial fracs. Locally chl alt.	QZVN	frac	0.1%	w			co	2
30	40.9	Vfgr blk, well fol (penetrative) and intensely folded interval of phyl w/ brittle fault/gouge zones. Str lim alt along fol/frac/bedding and in vn fracs. Rare 0.2-2cm QV are also folded and fraced. Wk fecb alt along fracs/fol. Mod hem alt along bedding/fol/frac. Local str chl alt.	MT-Phy	fol	99.9%	n			fr	3
40.9	54	1-2cm wh sheeted QV. Locally vuggy w/ oxidized py. Most have lim alt antiaxial fracs, some w/ syntaxial, but less common.	QZVN	frac	5.0%	w			co	2
40.9	54	Clast supported gy QPC w/ subrounded to rounded 0.3 to 1cm pbl, 50% qz, 15% lim cy alt recessive fspar pbl, 1% vfgr blk subrounded pbl. Cgr sndst matrix. Pervasive lim and fecb alt (strong) at top of interval, elsewhere just lim alt of fspar pbl.	MT-CO	pbl	25.0%	gy	qtz	50	co	2
40.9	54	Matrix supported gy grn QPC (almost cgr sndst in some areas) w/ rnded grns 20% qz, 10% wh cy alt fspar. Grns 0.1-0.4cm diameter. Mod lim along fabric (pressure solution foliation) and fspar grns. Minor x-cutting lim hairline fracs throughout.	MT-CO	grn	70.0%	gy	qtz	20	co	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
9	30	Cy alt of fspar gm-pbl in QPC.	cy	2.5	smgr	w
9	30	lim alt of cy alt fspar grns.	LIM	3	smgr	o
9	13.25	lim alt along x-cutting hairline fracs.	LIM	1	frac	y
9	17	hem alt along x-cutting hairline fracs in QPC and phyl.	hem	1	frac	r
9	17	Pervasive hem alt in QPC interbeds.	hem	3	perv	r
9	17	Hem alt of fspar grns.	hem	3	smgr	r
9	23.7	lim alt along x-cutting hairline fracs throughout.	LIM	1.5	frac	o
9	30	lim alt of QPC-phy gouge.	LIM	3	gouge	o
30	40.9	chl alt concentrated in sheeted vns.	chl	1	vn	g
30	40.9	str lim alt along slt interbeds	LIM	3	bedding	o
30	40.9		fecb	1	frac	r-brn
30	41.3	Lim alt of x-cutting hairline fracs at several orientations.	LIM	3	frac	o
30	40.9	wk lim along fol.	LIM	1	fol	o
30	40.9	local hem alt of slt interbeds in phy.	hem	1	bedding	r
30	40.9	local chl alt of slt interbeds in phy.	chl	1	bedding	g
40.9	54	lim alt of fol (?) in QPC	LIM	1.5	fol	o
40.9	54	lim alt of fspar grns in QPC	LIM	2.5	smgr	o
40.9	54	lim alt of x-cutting fracs	LIM	1.5	frac	o
40.9	54	cy alt of fspar grns	cy	3	smgr	w

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-029	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
60	160	55					

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
15	15.2	FZ	400.0%	BFZ	QPC clay flt gouge
26.95	30.5	FZ	400.0%	BFZ	Clay flt gouge in QPC/phyl
31.75	32.25	FZ	400.0%	BFZ	Cly phyl flt gouge
34.3	34.5	FZ	400.0%	BFZ	Cly phyl flt gouge
35.45	35.7	FZ	300.0%	BFZ	Cly phyl flt gouge/broken zone
37.05	37.3	FZ	300.0%	BFZ	Cly phyl flt gouge/broken zone
39.6	40.9	FZ	300.0%	BFZ	Cly phyl flt gouge/broken zone
53.2	53.55	QZVN	300.0%	bx	Abndt x-cutting wh QV

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
9	27	tr cgr cubic py bxwrk in QV, sulfides weathered out	py	0.1	vn
9	13.25	tr fgr diss py on QPC.	py	0.1	diss
36	54	tr cgr cubic py bxwork in QV, sulfides weathered out	py	1	vn
40.9	54	tr fgr py diss along x-cutting lim fracs in QPC	py	0.1	frac

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
15.6	Contact			hem		30			upper contact b/w phyl interbed and QPC
15.65	Bedding	46	So	LIM		25			slst bed in phyl
17.25	Veins			qtz	SHTV	30			4cm wh SHTV w/ lim fracs in QPC
17.25	Veins			LIM	AV	45			antiaxial vn in SHTV
19.25	Veins			qtz	SHTV	55	0		SHTV w/ lim alt fracs in QPC
19.25	Veins			LIM	AV	30			Antiaxial vn in SHTV
19.35	Veins			qtz	SHTV	50			0.5cm vn dipping opposite direction (up core) to previous vn
19.35	Veins			LIM	AV	35			antiaxial vn in SHTV
21.3	Veins			qtz	SHTV	40			1cm QV dipping down core axis
23	Veins			qtz	SHTV	55			1cm wh QV
23.7	Contact					70			upper contact b/w phyl interbed and pbl QPC
24.9	Veins			qtz	FLT	65			lower contact of 20cm wh flt fill vn w/ QPC
37.7	Bedding	46	So	LIM		30			Slst interbeds in phy
37.7	Cleavage	4	S1	LIM	FOL	40			S1 dipping in opposite directions to S0
44.4	Veins			qtz	SHTV	30			2.5cm wh lim alt sheeted QV in QPC
44.4	Veins			LIM	AV	50			lim coated antiaxial vn in 2.5cm SHTV
44.8	Veins			qtz	SHTV	55			0.5cm wh sheeted QV
44.85	Veins			qtz	SHTV	55			1.5cm wh lim alt sheeted QV w/1mm to 1cm vugs coateed w/ drk brn (oxidized py?)
46.4	Cleavage		Sx	LIM	FOL	40			fabric in MT.CO.grn (pressure solution fol??)

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-029 **Grant No.:** YC72448

Plunge: 60 **Azimuth:** 160 **EOH:** 55

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
46.65	Veins			qtz	SHTV	40			0.4cm wh sheeted QV
46.8	Veins			qtz	TVA	40			1.5cm long by 1mm wide wh tension vns
46.8	Veins				SHZB	20			shear zone boundary of 1.5cm long TVA
47.55	Veins			qtz	SHTV	40			0.5cm wh sheeted QV in QPC pbl
47.75	Veins		Sx	LIM	FOL	50			Planar fabric in pbl QPC, pressure solution lamellae (could be fol? Or from primary compaction & ll to bedding)
49.5	Veins			qtz	SHTV	50			1cm wh sheeted QV, lim alt, in QPC grn
49.5	Veins			LIM	AV	20			antiaxial vn x-cutting 1cm wh sheeted QV
50.3	Veins			qtz	SHTV	30			1.5cm wh sheeted QV, lim alt, in cgr sndst
51.1	Veins			LIM	AV	10			1mm antiaxial vn in 2cm wh SHTV
51.3	Veins			LIM	SV	30			1mm syntaxial vn in 1cm SHTV
51.3	Veins			qtz	SHTV	25			1cm wh lim alt SHTV
52.05	Veins			qtz	SHTV	45			2cm wh sheeted QV w/ 1cm vugs w/ brn coating (oxidized py?)
52.7	Cleavage		Sx	LIM	FOL	25			planar fabric in pbl QPC, pressure solution fabric, unsure if fol or bedding??
53.55	Veins			qtz	SHTV	45			1cm wh sheeted QV
53.55	Veins			LIM	AV	25			1mm lim antiaxial vn x-cutting 1cm sheeted QV
53.65	Veins			qtz	SHTV	45			2cm wh sheeted QV in grn QPC
53.65	Veins			cy	SV	45			1mm syntaxial vn w/in 2cm wh SHTV
53.9	Veins			qtz	SHTV	40			0.5cm wh sheeted QV w/ irregular contacts w/ grn QPC

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32532	9	12	2011	Expl Geochem	H-split	MT-CO.grn
32533	12	13.25	2011	Expl Geochem	H-split	MT-CO.grn
32534	13.25	15	2011	Expl Geochem	H-split	MT-CO.grn
32535	15	17	2011	Expl Geochem	H-split	MT-CO.grn
32536	17	19	2011	Expl Geochem	H-split	MT-CO.pbl
32537	19	21	2011	Expl Geochem	H-split	MT-CO.pbl
32538	21	23	2011	Expl Geochem	H-split	MT-CO.pbl
32539	23	23.7	2011	Expl Geochem	H-split	MT-CO.pbl
32540	23.7	25	2011	Expl Geochem	H-split	MT-CO.pbl
32541	25	27	2011	Expl Geochem	H-split	MT-CO.pbl
32542	27	30	2011	Expl Geochem	H-split	MT-CO.gouge
32543	30	30.5	2011	Expl Geochem	H-split	MT-Phy.gouge
32544	30.5	32.25	2011	Expl Geochem	H-split	MT-Phy.fol
32546	32.25	34	2011	STND	CDN-GS-8B	MT-Phy.fol
32547	32.25	34	2011	DUP	Q-Split	MT-Phy.fol
32545	32.25	34	2011	Expl Geochem	H-Split	MT-Phy.fol
32548	34	36	2011	Expl Geochem	H-split	MT-Phy.fol

Project:	NTR3A	**Prospect:**	Green Zone	**Hole ID:**	3A-11-029	**Grant No.:**	YC72448
Plunge:	60	**Azimuth:**	160	**EOH:**	55		

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32549	36	38	2011	Expl Geochem	H-split	MT-Phy.fol
32550	38	39.6	2011	Expl Geochem	H-split	MT-Phy.fol
32551	39.6	40.9	2011	Expl Geochem	H-split	MT-Phy.fol
32552	40.9	42	2011	Expl Geochem	H-split	MT-CO.grn
32553	42	44	2011	Expl Geochem	H-split	MT-CO.pbl
32554	44	46	2011	Expl Geochem	H-split	MT-CO.grn
32555	46	48	2011	Expl Geochem	H-split	MT-CO.grn
32556	48	50	2011	Expl Geochem	H-split	MT-CO.grn
32557	50	52	2011	Expl Geochem	H-split	MT-CO.grn
32559	52	54	2011	Blank	LWS_2011	MT-CO.grn
32558	52	54	2011	Expl Geochem	H-split	MT-CO.grn

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-030 **Grant No.:** YC72448

Location

Easting:	Northing:	Latitude:	Longitude:
533413.1	6845936.1		

Elevation: 1809 m **Grid Name:** GZS

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 160
EOH: 372.0 m
Core Size: HQ

Start Date: 18/09/2011
Finish Date: 27/09/2011
Status: Completed
Contractor: Driftwood

Objective:

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
15	73.1	158.24	57830	Reflex	1
66	73.8	157.04	56662	Reflex	1
117	74.4	157.74	56700	Reflex	1
168	75.7	159.54	56807	Reflex	1
219	76.6	162.04	56876	Reflex	1
270	76.8	166.64	56884	Reflex	1
321	75.6	169.74	56778	Reflex	1
372	74.4	170.04	56966	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	12	Casing	OVB		100.0%					
12	23	blk phyl with interbedded/ripup QPC. Phyl has SLT lamella with lim+hem altn along beds and fracs. Fault from 19.70-23.00m with phyl fault gouge	MT-Phy		30.0%	n			br	2
12	23	Bf-Br pbl QPC. Beds both congruent and non-congruent with phyllite bedding. From 15-19m QPC is highly deformed, x-cuts phyllite beds and contains phyllite clasts and seams. Clasts of QPC also in phyllite. Lim+hem alteration of fspar clasts. Lim+hem altn of fracs as well as pervasive hem altn of matrix in areas. Fault from 19.70-23.00m with Qtz Bx with perv lim altn Clasts: 2mm-2cm, subangular-angular, poorly sorted. 80% qtz, 15% fspar, 5% lithics (phyl).	MT-CO	pbl	70.0%	bf-b	qtz	80	br	2
23	33	Bf granule-pbl clast supported conglomerate w/ mod perv silicification causing grain boundary blurring. Replacement of fspar clasts by lim and fecb. QPC unit ends with a 50cm Qz Bx zone at the phyllite contact. Clasts: subrounded-angular, moderate sorting, 90% qtz, 8% fspar, 2% lithics	MT-CO	grn	100.0%	bf	qtz	90	br	2
33	45	Blk phyllite. Broken, blocky and gouged. Strong lim altn and iron staining along fracs and bedding with mod hem altn next to veins.	MT-Phy	n	100.0%	n			fr	2
45	79.85	Gy-bf pbl QPC with wy alteration of fspar and lim overprint. Minor fecb altn of fspar grains. Lim and rust stainging of fracs. Interbedded with pbl QPC. Clasts: poorly sorted, subrounded. 85% qtz, 10% fspar, 5% lithics (mainly phyl)	MT-CO	pbl	40.0%	bf	qtz	85	co	2
45	79.85	Gy-bf grn QPC with wy alteration of fspar and lim overprint. Minor fecb altn of fspar grains. Lim and rust stainging of fracs. Interbedded with pbl QPC. Clasts: poorly sorted, subrounded. 90% qtz, 8% fspar, 2% lithics	MT-CO	grn	60.0%	bf	qtz	90	co	2
79.85	83.55	Qtz Bx zone, 5mm-2cm angular qtz clast. Clasts are stretched and elongated with a foliation developed along grain boundaries. Highly silicifed and qzvned wcy and lim altn of grains.	QZVN		100.0%	gy			co	3

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-030	Grant No.:	YC72448
Plunge:	75	Azimuth:	160	EOH:	372		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
83.55	101.7	Gy-bf grn QPC with wy alteration of fspar and lim overprint. Minor fecb altn of fspar grains. Lim and rust stainging of fracs. Interbedded with pbl QPC. Clasts: poorly sorted, subangular in zones of deformation to subrounded in low shear QPC. 90% qtz, 8% fspar, 2% lithics	MT-CO	grn	40.0%	bf	qtz	90	co	2
83.55	101.7	Gy-bf pbl QPC with wy alteration of fspar and lim overprint. Minor fecb altn of fspar grains. Lim and rust stainging of fracs. Interbedded with granule QPC. Clasts: poorly sorted, angular-subrounded. 95% qtz, 10% fspar, 5% lithics	MT-CO	pbl	60.0%	bf	qtz	95	co	2
101.7	120.6	2mm-4cm wide sheeted qzvns with chlorite altn in vn and selvedge. Perpendicular fracture set to vein direction altered by lim/rust	QZVN		5.0%	w			co	3
101.7	120.6	Blk phyllite w/ SLT lamella. Sheeted qzvns throughout with mod chl and weak lim/rust alteration	MT-Phy		95.0%	n			co	3
120.6	123.5	Matrix supported Pbl QPC with intense lim alteration replacing matrix. Folded contacts between QPC and phyl. Semi penetrative seams altered by lim/rust. Clasts: subrounded-subangular. 95% qtz, 4% fspar, 1% lithics	MT-CO	pbl	49.0%	bf			co	2
120.6	123.5	Broken blk phyllite interbedded with lim altered QPC. AXP and foliation structure measureable	MT-Phy		51.0%	n			co	3
123.5	134.8	Pbl QPC at beginning of unit from 123.5-126.20. Semi penetrative lim altered seams, weak shearing of clasts. Pervasive lim alteration of through the pbl qpc in seams, matrix, fspar, fracs. Clasts: 95% qtz, 4% fspar, 1% lithics	MT-CO	pbl	10.0%	bf	qtz	95	co	2
123.5	134.8	Clast supported granule QPC from 126.20-134.8. Wcy with lim overprint of spar clasts and fracs. Clasts: 95% qtz, 4% fspar, 1% lithics	MT-CO	grn	90.0%	bf	qtz	95	co	2
134.8	145	Broken matrix supported granule QPC from 126.20-134.8. INTENSE pervasive limonite/rust alteration Clasts: 95% qtz, 4% fspar, 1% lithics	MT-CO	grn	100.0%	bf	qtz	95	co	2
145	164	Clast supported granule QPC. Wcy with lim overprint of spar clasts and fracs. Weak fecb alteration of fspar clasts. End of unit has interbedded phyl and SS. Clasts: 95% qtz, 4% fspar, 1% lithics	MT-CO	grn	100.0%	bf	qtz	95	co	2
164	165.9	Blk phyl beds with deformed mm scale qzvns	MT-Phy		30.0%	n			co	3
164	165.9	Grey cgr qtz rich SS with 10-20cm thick phyllite beds. Minor lim alteration along fracs. End of unit coarsens to granule QPC	MT-SS	cgr	70.0%	gy			co	2
165.9	180	QPC coarsens to pbl size toward end of unit Clasts: 90% qtz, 9% fspar, 1% lithics	MT-CO	pbl	20.0%	bf	qtz	90	co	2
165.9	180	Grey-buff clast supported granule QPC. Various degrees of grain size throughout unit. Wcy smgr with lim overprint. Lim alteration along fracs and semipenetrative seams. Clasts: 95% qtz, 4% fspar, 1% lithics (phyl)	MT-CO	grn	80.0%	bf	qtz	95	co	2
180	188.35	Blk phyl. Beds are highly deformed and ripped up. Discontinuous seams of phyl in QPC. Clasts of QPC within the phyl	MT-Phy		25.0%	n			co	3

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-030	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	160	372					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
180	188.35	Grey pbl QPC interbedded with phyl. Although there is bedding congruent to phyl So/Sx, bedding is dominantly chaotic. QPC with phyl ripup clasts and seams - and vice versa. Wcy smgr of fspar with lim overprint, From 180.00-188 there is fecb alteration of fspar grains where phyll is more prominent Clasts: subrounded- angular. 2mm-2cm diameter. Sheared zone at end of unit with elongated QPC clasts. 85% qtz, 10%fspar, 5% lithics (phyl)	MT-CO	pbl	75.0%	bf	qtz	90	co	2
188.35	193.5	Buff clast supported pbl QPC with clasts >1cm diameter. Intense shear zone from 187.30-188.35m forming wedge-like/ribboned clasts. Clasts: 90% qtz, 6%fspar, 4% lithics	MT-CO	pbl	100.0%	bf	qtz	90	co	1
193.5	225	Blk phyl with thin chaotically deformed chl altered qzvns	MT-Phy		5.0%	n			co	3
193.5	225	Grey pbl QPC interbedded with SS and minor phyl bedsl. Wcy smgr of fspar with minor fecb overprint. Clasts: subrounded. 1mm-5mm. Clasts. 95% qtz, 5%fspar, trace lithics (phyl)	MT-CO	grn	20.0%	gy	qtz	95	co	2
193.5	225	Grey mgr-cgr qzt rich SS. Minor wcy alteration of fspar grains.	MT-SS	mgr	75.0%	gy			co	2
225	251.7	Competent blk phyl interbedded with grey mgr-crg SS. Diss py min	MT-Phy		30.0%	n			co	2
225	251.7	Competent grey mgr-cgr qzt rich SS interbedded with blk phyl. Minor wcy alteration of fspar grains, minor perv chl altn. Phylite rip up clasts and seams within SS. Diss py min	MT-SS	mgr	70.0%	gy			co	2
251.7	274.7	Grey mgr qtz rich SS grading in and out of granule QPC	MT-SS	mgr	20.0%	gy			co	2
251.7	274.7	Grey granule QPC with wcy alteration of fspar clasts. Grain size varies in and out of mgr SS. Clasts: 95% qtz, 5% fspar, <1% lithics	MT-CO	grn	80.0%	gy	qtz	95	co	2
274.7	276.75	Mgr grey-buff SS, fecb alteration of fspar clasts	MT-SS	mgr	25.0%	gy			co	3
274.7	276.75	Blk phyl interbedded with mgr SS, thin highly deformed qzvns	MT-Phy		75.0%	n			co	2
276.75	306.7	Grey granule QPC with wcy alteration of fspar clasts and minor fecb overprinting. Grain size varies in and out of cgr SS. Clasts: 95% qtz, 5% fspar, <1% lithics	MT-CO	grn	40.0%	gy	qtz	95	co	2
276.75	306.7	Grey cgr qtz rich SS grading in and out of granule QPC	MT-SS	cgr	60.0%	gy			co	2
306.7	357.65	Sheeted Qzvns, sheared TVA arrays throughout, zones of strong shearing described in interval structure	QZVN		5.0%	w			co	2
306.7	357.65	Grey cgr qtz rich SS grading in and out of pbl QPC. Wcy alteration of fspar, minor overprint by Fecb.	MT-SS	cgr	40.0%	gy			co	2
306.7	357.65	Grey pbl QPC with wcy alteration of fspar clasts. Grain size varies in and out of cgr SS. Clasts: 95% qtz, 5% fspar, <1% lithics	MT-CO	pbl	55.0%	gy			co	2
357.65	363.2	Broken, faulted and gouged phyllite with minor deformed qzvns	MT-Phy		100.0%	n			fr	3
363.2	370.1	Broken/Fragmented light grey pbl QPC in fault zone, wcy smgr fspar with fecb overprint. Clasts: subrounded-subangular, 3mm-1cm diameter. 90% qtz, 9% fspar, 1% lithics.	MT-CO	pbl	100.0%	gy	qtz	90	co	1
370.1	370.9	Broken black phyllite with thin deformed qzvns with py mineralisation	MT-Phy		100.0%	n			fr	3
370.9	372	Grey granule QPC with wcy/fecb smgr replacement of fspar	MT-CO	grn	100.0%	gy	qtz	90	co	1

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-030	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	160	372					

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
12	19.55	Strong pervasive hematite alteration throughout top of hole. Smgr of fspar in QPC, filling fractures and hem altn in phyl/SLT bedding/cleavage planes	hem	3	perv	r
12	19.55	Mod pervasive lim alteration throughout top of hole. Smgr of fspar in QPC, filling fractures and lim altn in phyl/SLT bedding/cleavage planes	LIM	2	perv	o
19.55	23	Mod silicification of matrix throughout fault zone	SIL	2	perv	gy
19.55	23	Intense orange limonite alteration replacing entire matrix from 22.00-22.40m. Highly broken rock coated with lim	LIM	4	perv	o
23	33	orange lim altn overprinting wcy altn of fspar grains in qpc	LIM	2	smgr	o
23	33	wcy replacing fspar, overprinted by lim	cy	1	smgr	w
23	33	brown lim+ rust stained fractures	LIM	2	frac	b
33	45	brown lim altn along phyllite foliation/bedding planes	LIM	2	bed	b
33	45	brown lim+ rust stained fractures	LIM	2	fracs	b
45	101.7	brown lim+ rust stained fractures	LIM	2	frac	o-b
45	101.7	wcy replacing fspar, overprinted by lim	cy	1	smgr	w
45	101.7	orange lim altn overprinting wcy altn of fspar grains in qpc	LIM	2	smgr	o
60.5	63	Mod silicification of qpc matrix blurring grain boundaries	SIL	2	perv	gy
78	83.55	greyish-green chl alteration throughout matrix and along fault filled fractues	chl	1	perv	gy-g
79.1	83.55	Mod silicification of matrix throughout Qzt Bx zone	SIL	2	perv	gy
98.25	101	Silicification of qpc and qzbx	SIL	3	perv	gy
101.7	123.5	fractures within qzvns are filled with limonite/rust	LIM	2	vn	b
101.7	123.5	minor brown rusty lim altn along phyllite fracs	LIM	1	frac	b
101.7	117.8	Chlorite altn along chaotic deformed qzvns and along selvedge. Small veinlets are often completely replaced by chlorite.	chl	2	vn	g
123.5	134.8	Mod lim alteration of fractures and semipenetrative seams	LIM	2	frac	b
123.5	164	Mod-strong lim overprint of of wcy altered fspar grains in qpc	LIM	2	smgr	b
123.5	164	wcy alteration of smgr fspar grains, mostly overprinted by lim altn	cy	1	smgr	w
134.8	145	Intense lim/rust alteration along fractures of broken grn QPC	LIM	4	frac	o-b
145	147.9	Weak chlorite altn along fractures in Qtz Bx zone	chl	1	frac	g
145	147.9	Strong silicification in qtz Bx zone	SIL	3	perv	gy
147.9	164	Mod lim alteration of fractures and semipenetrative seams	LIM	2	fracs	b
157.2	157.7	mod pervasive scorodite zone in qzvn	sco	2	perv	g
164	185	smgr lim altn of fspar clast overprinting weak wcy altn	LIM	2	smgr	o-b
164	185	lim alteration along fractures and semi pervasive seams in qpc and SS	LIM	2	frac	o-b
164	233.6	wcy alteration of fspar grains in qpc and SS, often overprinted by lim altn	cy	1	smgr	w
185	187.9	fecb smgr altn of fspar clasts in ripped up interbedded blk phyl and QPC	fecb	2	smgr	bf
187.9	206.25	smgr lim altn of fspar clast overprinting weak wcy altn	LIM	2	smgr	o-b
187.9	206.25	lim alteration along fractures and semi pervasive seams in qpc and SS	LIM	2	frac	o-b
206.57	216.45	Fecb altn in chaotically deformed qzvns within phyl	fecb	1	vn	bf
206.75	208.5	Chl altn in chaotically deformed qzvns within phyl	chl	1	vn	g
228	253.7	Fecb altn in chaotically deformed qzvns within phyl	fecb	1	vn	bf

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-030	Grant No.:	YC72448
Plunge:	Azimuth:	EOH:					
75	160	372					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
233	271.55	weak fecb alt along fractured SS and phyl	fecb	1	frac	bf
264	321	wcy alteration of fspar grains in grn/pbl qpc and SS	cy	2	smgr	w
279	326.25	Moderate pervasive silicification of granule QPC and SS blurring grain boundaries and blurring older vein arrays	SIL	2	perv	gy
279.2	279.55	Strong Silicification of granule QPC blurring grain boundaries and blurring vn boundaries	SIL	3	perv	gy
297.55	303.6	Buff fecb alteration smgr fspar grains in granule QPC and SS	fecb	1	smgr	bf
310.5	311.8	Strong grey silicification of QPC matrix and blurring of clasts and older vein arrays.	SIL	3	perv	gy
321	336	Fecb replacement of fspar grains in QPC and SS	fecb	1	smgr	bf
324	348	Chlorite alteration along deformed qzvns in finer grained sections of SS and phyllite lenses. Minor chl altn along SHTV selvedge	chl	1	vn	g
324	348	Chl alteration replacing fspar clast, coating surface of qtz clasts and replacing matrix	chl	2	perv	g
326.25	349.1	Strong grey silicification of QPC matrix and blurring of clasts and older vein arrays.	SIL	3	perv	gy
348	357.8	Minor chl replacement of fspar grains in QPC and SS	chl	1	smgr	g
348	357.8	Fecb replacement overprinting wcy alteration of fspar grains in QPC and SS	fecb	2	smgr	bf
348	357.8	Minor wcy alteration, overprinted by fecb	cy	1	smgr	w
357.8	372	Mod fecb alteration in faulted/gouged phyllite and QPC	fecb	2	frac	bf
363.2	370.1	fecb overprinting of wcy smgr alteration of fspar clasts	smgr	1	fecb	bf
363.2	370.1	wcy smgr fspar	smgr	2	cy	w
370.9	372	minor fecb smgr alteration of fspar in granule QPC	smgr	1	fecb	bf

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
19.55	23	QZVN	300.0%	bx	Qtz Bx zone with intense lim altn throughout matrix
19.55	42.85	FZ	300.0%	BFZ	~20m thick fault zone with qtz bx, phyl gouge and broken/blocky qpc and phyl
61.7	62	QZVN	300.0%	SHTV	2 10cm thick SHTVs 5cm spacing. Qtz has orange hue from lim alteration
74	79.1	FZ	300.0%	BFZ	broken/fragmented qpc with Qtz Bx at end of fault
79.1	79.45	QZVN	300.0%	bx	Qtz Bx zone with silicification throughout matrix and chlo stringers
79.85	83.55	QZVN	300.0%	bx	Qtz Bx zone. Mod shearing, mod silicification and chloritization of matrix. Angular clasts up to 1cm diameter
90.2	93.4	SZ	300.0%	DBSZ	Sheared qpc and qzvns, elongated clasts with penetrative fabric. SHTV and TVA veins
98.25	101	QZVN	300.0%	bx	QzBX zone w/ strong silicification
109.6	112	FZ	200.0%	BFZ	Broken phyllite fault zone. Minor hem altn in fractures, gouge at beginning of fault @ 109.60m
145	147.9	QZVN	300.0%	bx	QzBX zone, strong silicification and minor chl alteration along fracs
187.35	189	SZ	400.0%	DBSZ	Intense shear zone through clast supported pbl QPC. QPC clasts have become wedged shaped, length:width ratio is 3:1.
227.2	231.7	FZ	300.0%	BFZ	Broken/Blocky phyl/SS fault zone, minor gouge, py mineralisation
234	240	FZ	300.0%	BFZ	Brittle fault zone in phyl/SS with phyl gouge zone highly mineralised with py+asp- up to 90% sulphides
264	270	FZ	200.0%	BFZ	Brittle fault zone through QPC with qzvns
266	267.2	QZVN	300.0%	bx	Qzt breccia zone within BFZ
279.2	279.55	SZ	300.0%	DBSZ	Strong shear zone of QPC, TVA qzvns. Stong silicification blurring qzvns and QPC grain boundaries
280.1	283.8	FZ	200.0%	BFZ	Faulted QPC/SS with phyllite gouge and graphite coating
292	299.8	SZ	200.0%	DBSZ	Moderate shear zone of QPC with TVA qzvns throughout. Mod silicification blurring qzvns and QPC grain boundaries
312		FZ	200.0%	BFZ	Broken/Fragmented QPC/SS

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From	To	Mineral	Intensity	Distribution	Comments
320.1	325.7	SZ	300.0%	DBSZ	Sheared elongated QPC clasts, offset and deformed SHTV qzvns and almost continuous TVA array throughout shear zone
332.4	332.7	SZ	300.0%	DBSZ	Strong shear zone with continuous TVA
353.2	353.55	QZVN	200.0%	bx	Qtz Breccia zone. ~0.5-1cm angular qtz clasts with silica and minor chl stringers.
355.4	363	SZ	300.0%	DBSZ	Strong shear zone with TVA and highly deformed phyllite hosted qzvns throughout a BFZ/phyllite gouge zone
357.65	363	FZ	300.0%	BFZ	Brittle Faulted QPC/SS and across contact into highly deformed/gouged phyllite
363.2	366.8	FZ	400.0%	BFZ	Intensely faulted/fragmented phyllite and pbl QPC, a lot of crush.py mineralisation

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
12	33	Trace vfgr diss asp throughout qpc matrix in zones of silicification. Also found in chloritized stringers throughout QPC and qzns	asp	0.01	diss
12	31.25	trace vn asp around areas of veining and silicification	py	0.01	diss
31.25	33	Py in qzvn and in chloritized Qzt Bx	py	0.1	vn
48	66	asp throughout qpc zones of silicification and chloritized stringers	asp	0.01	vn
52.2	71.9	trace vn asp around areas of veining and silicification	py	0.01	vn
71.9	72.2	py min along chl stingers and chl fault filled fracs	py	0.5	vn
74	81.75	asp throughout qpc zones of silicification and chloritized stringers	asp	0.01	vn
81.35	81.75	py min along chl stingers and chl fault filled fracs	py	0.5	vn
92.5	105.5	Trace pyrite in Qzvns	py	0.01	vn
105.5	122.7	py j along qzvns and selvedge where lim alteration is present.	py	0.1	vn
129.7	134.8	Trace py min along SHTV qzvns, 1% weathered out boxwork py throughout QPC matrix and vns	py	0.01	vn
140	140.1	Diss py mineralisation through QPC matrix is a small zone of silicification, ~1% weathered out boxwork diss py	py	0.5	diss
145	147.8	Asp min along chl stingers in QBX zone	asp	0.1	vn
145	147.8	Py min along chl stingers in QBX zone	py	0.1	vn
157.2	157.7	Py min along vuggy qzvn in minor scorodite altn zone	py	0.5	vn
157.2	157.7	Asp min along vuggy qzvn in minor scorodite altn zone	asp	0.5	vn
162.6	163.3	py in fractured qzvn within banded phyl	py	0.5	vn
164.3	165	py along thin deformed vns in phyllite beds	py	0.1	vn
169.1	170.3	subhedral-euhedral py min diss through QPC matrix and clasts	py	1	diss
170.3	173.59	subhedral-euhedral py min diss through QPC matrix and clasts	py	0.5	diss
184.8	187.7	py minerlisation in sheeted veins deformed QPC and phyl	py	0.5	vn
186.6	186.61	1cm bleb of phalerite in qzvn	sph	1	vn
189.1	190.5	subhedral-euhedral py min diss through QPC matrix and clasts	py	0.1	diss
195	200.6	py min along 2 generations of sheeted qtz veins	py	0.5	vn
201.7	206.65	anh patchs of asp min associated with py min in qzvns and silicified mgr SS	asp	0.1	vn
201.7	206.65	sub-euh py min along sheeted qzvns in silicified mgr SS	py	0.5	vn
207.7	211.6	sub-euh py min along sheeted qzvns in silicified mgr SS	py	0.3	vn
211.6	216.9	sub-euh py min along sheeted qzvns in silicified mgr SS	py	0.1	vn
216.9	217.75	Py min along chl stringers in highly deformed and fractured Qtz Bx zone	py	1	vn
217.75	219.8	py min along SHTV qzvns and silicified filled fractures	py	0.5	vn

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From:	To:	Comments	Mineral	Percent	Distribution
217.75	230.1	asp min along SHTV qzvns and silicified filled fractures	asp	0.1	vn
219.8	227.2	py min along SHTV qzvns and silicified filled fractures	py	0.1	vn
227.2	230.1	Py min in qzvns, silicified fracs and diss in silicified matrix	py	1	vn
230.1	233.8	asp min along SHTV qzvns and silicified filled fractures	asp	0.01	vn
230.1	233.8	py min along SHTV qzvns and silicified filled fractures	py	0.5	vn
233.8	240	Diss sub-euh py min throughout blocky phyl and SS matrix	py	5	diss
233.8	240	Diss anh-sub asp min throughout blocky phyl and SS matrix	asp	1	diss
240	240.5	Throughout broken fault with gouge there is intense py and asp mineralisation. In gouge zone sulphides make up to 90% of rock	py	40	diss
240	240.5	Throughout broken fault with gouge there is intense py and asp mineralisation. In gouge zone sulphides make up to 90% of rock	asp	10	diss
240.5	242.15	Diss sub-euh py min throughout blocky/broken phyl and SS matrix	py	5	diss
240.5	242.15	Diss anh-sub asp min throughout blocky/broken phyl and SS matrix	asp	0.5	diss
242.15	246.8	Diss sub-euh py min throughout blocky/broken phyl and SS matrix	py	3	diss
242.15	246.8	Diss anh-sub asp min throughout blocky/broken phyl and SS matrix	asp	1	diss
246.8	247.1	intense diss py mineralisation in matrix and along fractures within fault/gouge zone	py	10	frac
247.1	260.4	Diss anh-sub asp min throughout blocky/broken phyl and SS matrix	asp	0.01	diss
247.1	260.4	Diss sub-euh py min throughout blocky/broken phyl and SS matrix	py	0.01	diss
260.4	264	asp min along deformed, vuggy vns in phyllite and SHTV vns in SS	py	1	vn
260.4	264	py min along deformed, vuggy vns in phyllite and SHTV vns in SS	py	0.5	vn
264	267.5	Diss sub-euh py min throughout blocky/broken phyl and SS matrix	py	3	diss
264	267.5	py min in qzvns, stringers and silicified granule QPC matrix	py	2	vn
267.5	274.7	Diss sub-euh py min throughout blocky/broken phyl and SS matrix	py	0.3	diss
274.7	279	Py min along deformed qzvns in phyl/SS	py	0.2	vn
279	318	Py mineralisation along sheeted and deformed TVA qzvns, with diss py of QPC/SS matrix adjacent to veining	py	0.5	vn
279	318	Asp mineralisation along sheeted and deformed TVA qzvns, with diss py of QPC/SS matrix adjacent to veining	asp	0.2	vn
287	287.1	Py min in broken/fragmented silicified zone ~30cm recovery	py	0.5	vn
287	287.1	Asp min in broken/fragmented silicified zone ~30cm recovery	asp	0.5	vn
318	324.2	Diss sub-euhedral py throughout QPC/SS matrix	py	0.2	diss
324.2	326.25	Py min along TVA, SHTV and chl/qtz filled fractures	py	0.5	vn
324.2	326.25	Diss py min throughout matrix, concentrated around areas of veining	py	0.2	diss
324.2	326.25	Diss asp min throughout matrix, concentrated around areas of veins and stingers	asp	0.05	diss
324.2	326.25	Asp min along TVA, SHTV and chl/qtz filled fractures	asp	0.2	vn
324.25	324.26	bleb of sphalerite next to galena in qzvn	sph	1	vn
324.25	324.26	Bleb of galena in qzvn	gn	1	vn
326.25	333.4	Asp min along, SHTV silicified matrix and chl/qtz filled fractures	asp	0.1	vn
326.25	333.4	Diss py min throughout matrix, concentrated around areas of veining	py	0.2	diss
326.25	333.4	Py min along, SHTV silicified matrix and chl/qtz filled fractures	py	0.1	vn
333.4	335.55	Py min in stringers and deformed vuggy qzvns, through chl altered QPC	py	0.3	vn
333.4	335.55	Diss py in chl altered pbl QPC	py	0.5	diss
333.4	335.55	Asp min in stringers and deformed vuggy qzvns, through chl altered QPC	asp	0.3	vn

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From:	To:	Comments	Mineral	Percent	Distribution
335.55	343.15	Py min along SHTV qzvns and stringers	py	0.2	vn
335.55	343.15	asp min along SHTV qzvns and stringers	asp	0.1	vn
343.15	346.25	Diss py in matrix throughout veinless pbl QPC	py	0.5	diss
343.15	346.25	Diss asp in matrix throughout veinless pbl QPC	asp	0.2	diss
346.25	355.45	Trace diss asp min in QPC/SS matrix	asp	0.01	diss
346.25	355.45	Sparse diss py in QPC/SS matrix	py	0.1	diss
355.45	357.65	Py min in intensely deformed TVA qzvning above fault zone	py	0.5	vn
355.45	357.65	Asp min in intensely deformed TVA qzvning above fault zone	asp	0.1	vn
357.65	363	Py min in 1cm thick faulted/deformed qzvns in faulted/gouged phyl	py	0.2	vn
363	370.1	Diss py throughout fault zone and in diss in QPC matrix	py	0.2	diss
370.1	370.9	Py in deformed, fecb altered qzvns in broken phyllite	py	0.5	vn
370.9	372	Diss py though granule QPC matrix	py	0.1	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
14.6	Veins			LIM	mass	10			20cm qzvn with lim altn
15.75	Bedding		So	hem	bed	35			congruent phyl/qpc bedding with strong pervasive hem altn
23.6	Faults			LIM	Gouge				highly fragmented, wcy and lim gouge zone
32.9	Faults				Gouge				fault gouge after qtz bx, before phyl unit
33.6	Veins		S1		qzvn	30			0.5cm thick folded qzvn following phyllite So, angle bw So and AXP is 80
43	Bedding			LIM	bed	75			blk phyl bedding plane w/ lim altn
45.5	Veins			LIM	SHTV	35			2 shtvs. 1st vein 1cm thick, 2cm spaced, 2nd vein 5cm thick. Lim altn
53.8	Cleavage	17	Sx	LIM	FOL	65			semi penetrative fabrix through granule qpc
58.3	Veins			SIL	SHTV	50			
61.5	Veins			LIM	SHTV	45			
71.15	Cleavage	17	Sx	LIM	FOL	65			1-2cm spaced semi-penetrative seams altered by lim
81	Veins			SIL	QBX				silicified and chloritized quartz bx zone. Angular clasts up to 1cm diameter
85.35	Veins			LIM	STWK				5mm thick array of stockwork veining in qpc
91.8	Cleavage		Sx	LIM	FOL	70			long axis of elongated qtz clasts, and semi penetrative fabric thru QPC
92.8	Cleavage		Sx	SIL	FOL	30			5mm spaced semi penetrative seams through QPC
92.8	Veins				SHTV	35			1cm thick, 5 cm spaced sheeted qzvns
98.25	Veins			SIL	STWK				2-4mm thick stockwork vn array at beginning of qtz bx zone
103.85	Bedding		So	LIM	bed	35			phyl/SLT lamella
106.3	Cleavage		S1		FOL	65			penetrative foliation through phyllite and silstone lamella causing wispy flames off bedding planes
108	Cleavage		S1		AXP	70			orientation of plane that connects fold axis' of SLT lamella in phyllite
109.6	Faults			LIM	Gouge				10cm phyllite gouge zone
110.8	Veins				SHTV	50			2cm thick vn with lim altn in fracs

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
113	Bedding		So		bed	25			compositional phyllite/SLT lamella
116.5	Bedding		So		bed	50			compositional phyllite/SLT lamella
116.5	Cleavage				AXP	30			axial plane measured by connecting phyl/SLT fold axis'. Angle bw S0 and AXP is 80 degrees
117	Cleavage		S1		FOL	50			1mm Sheeted vns following whispy flares off bedding. Angle between So and S1 is 20 degrees
117	Bedding		So		bed	30			compositional phyllite/SLT lamella
118	Bedding		So		bed	35			compositional phyllite/SLT lamella
118	Cleavage		S1		FOL	65			shinny penetrative seams x cutting So, angle between So and S1 is 25 degrees
121.6	Veins				SHTV	35			1cm SHTV qzvn
123.5	Bedding		So	LIM	bed	30			compositionla bedding bw phyl and qpc
123.5	Cleavage		S1	LIM	AXP	70			Axial plane from seams cutting through fold hinges on phyl/qpc contact. Angle b/w So and S1 is 50 degrees.
125	Cleavage		Sx	LIM	FOL	55			1mm thick penetrative seams, 1cm spacing through qpc replaced with lim altn
129.5	Veins			LIM	SHTV	55			5mm thick SHTV qzvns, 15cm spacing
134	Veins			LIM	SHTV	55			10 long zone of intense SHTV. 8 Sheeted qzvns 5mm thick, 5mm spaced
146.9	Veins			SIL	QBX				Qtz Bx zone. Silicified with minor chl altn in fracs
149.7	Veins			LIM	SHTV	55			1cm thick sheeted vn, following semi penetrative seams
157	Bedding			LIM	bed	50			phyl/QPC compositional bedding
159.5	Veins			LIM	SHTV	50			1cm thick sheeted vn, following semi penetrative seams
164	Contact				bed	65			Contact between grn QPC and phyl
165.35	Bedding			LIM	bed	60			Lim altered qpc/phyl bedding contact
168.5	Veins			LIM	SHTV	55			1 cm thick STVH qzvn, lim altn
169.4	Veins			LIM	SHTV	65			1cm thick sheeted vn along a lim altered fracture
173.1	Veins			LIM	SHTV	60			Series of 5 1cm thick sheeted qzvns, 5cm spacing in lim altered QPC
174	Cleavage		Sx	LIM	FOL	65			Semi penetrative lim altered seams through QPC
179.6	Veins			LIM	SHTV	75			1 cm thick STVH qzvn, lim altn
180.9	Bedding		So		bed	35			2cm thick partially continuous beds in ripped up QPC/phyl sequence
181.8	Veins			LIM	mass	60			30cm thick qzvn with lim altered vn fracs.
185.2	Bedding		So		bed	70			Interbedded blk phyl and pbl qpc bedding
195.2	Veins			LIM	SHTV	45			1cm thick qzvns. Angle between 2 sets of SHTV is 85 degrees.
195.2	Veins			LIM	SHTV	30			2cm thick qzvn with lim altered fracs perpendicular to vein direction. Angle between 2 sets of SHTV is 85 degrees.
199.45	Veins			LIM	SHTV	45			3cm thick SHTV, lim altn
205.5	Veins				SHTV	45			3 1cm thick qzvns 4cm spacing
207.55	Bedding		So		bed	65			Interbedded phyl/SS bedding
218.6	Veins				SHTV	55			3 1cm thick shtv qzvns
220	Veins				SHTV	40			1cm SHTV qzvn
223.9	Veins				SHTV	40			2cm SHTV qzvn
232	Bedding		So		bed	40			Interbedded phyl/SS bedding
233.65	Veins				SHTV	75			1cm thick sheeted qzvn
233.7	Veins					20			1cm thick qzvn

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
240	Faults			py	Gouge				Muddy phyllite gouge zone with 40% py and 10% asp mineralisation
245	Bedding		So		bed	50			Compositional phyllite/SS bedding
246.8	Faults			py	Gouge				10cm thick phyllite gouge with 10% py mineralisation
247.4	Veins					25			0.5cm thick vn following S1
247.7	Bedding		So		bed	45			Compositional Phyl/SS bedding
247.9	Cleavage		Sx		FOL	25			Semi penetrative wispy cleavage lines causing flares along phyl/SS bedding planes
252.1	Veins				CTV	15			0.5cm vuggy comb textured qzvn
253.4	Cleavage		S1		FOL	60			Semi penetrative cleavage causing flares along phyl/SS bedding planes
257.4	Bedding		So		bed	55			Compositional phyl/SS bedding
260.6	Veins					20			2mm thick qzvn
263	Bedding		So		bed	40			Compositional phyl/SS bedding
270	Veins					50			1cm thick qzvn
273.9	Veins			cy	SHTV	65			4 1cm thick, 25 cm spaced sheeted qzvns. Angle bw sheeted vein arrays is 40 degrees
273.9	Veins			cy	SHTV	15			1 0.5cm thick, and 1 3cm thick sheeted qzvns. Angle between different SHTV arrays is 40
276.15	Cleavage		S1		FOL	90			Penetrative cleavage in phyl causing flares along phyl/SLT bedding planes
276.2	Bedding		So		bed	50			Compositional phyl/SLT bedding
276.5	Bedding		So	cy	bed	45			Compositional SS bedding
277.8	Cleavage		Sx		FOL	55			Semi penetrative seams and faint alignment of wcy alteration throughout QPC/SS matrix
282.5	Veins				qzvn	55			Single 1cm thick qzvn
287.2	Veins				SHTV	55			3 2mm thick sheeted qzvns
292.7	Lineation			cy	SZB	30			TVA shear zone boundary
296.6	Veins			cy	SHTV	25			Series of low angle 2mm thick Sheeted qzvns
299.65	Lineation			cy	SZB	15			TVA shear zone boundary
304.6	Veins				SHTV	65			3 0.5cm thick, 10cm spaced sheeted qzvns
308.7	Cleavage		Sx	cy	FOL	55			Semi penetrative seams and alignment of faint clasts in QPC/SS
311.5	Cleavage		Sx	SIL	FOL	50			Semi penetrative seams through strongly silicified QPC/SS
316.5	Cleavage		Sx		FOL	50			Alignment of clasts in pbl QPC
320.7	Veins				TVA	30			Orientation of 10 TVA qzvns 0.5cm-1cm spaced
321.6	Veins				TVA	40			Orientation of TVA boundary
325.8	Cleavage		Sx		FOL	55			0.5cm spaced penetrative seams through SS
328.3	Bedding		So		bed	55			QPC pbl/SS compositional bedding
332	Veins				SHTV	40			3 0.5cm sheeted qzvns
333.6	Cleavage		S1		AXP	70			Axial planar cleavage measured from folded 0.5cm thick qzvn following phyl bedding, angle bw So and AXP is 80
333.6	Bedding		So		bed	30			0.5cm thick phyllite bed containing a folded qzvn, angle bw So and AXP is 80
336.7	Veins				SHTV	65			2 1cm thick sheeted qzvns, 3cm spacing
342.85	Veins				SHTV	40			20-25 2mm thick sheared sheeted qzvns
344.6	Cleavage		Sx		FOL	65			Weak semi penetrative seams and aligned QPC clasts
356.4	Bedding		So		bed	60			SS/phyl compositional bedding
357.65	Faults				Gouge				phyllite gouge zone

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
362.2	Bedding		So		bed	55			SS/phyl compositional bedding
363.2	Faults				Gouge				phyllite gouge zone at beginning of fault
366.15	Bedding		So		bed	20			SS/QPC compositional bedding
367.5	Veins				SHTV	75			3 1cm thick sheeted veins, 5-15cm spacing

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29308	12	14	2011	Expl Geochem	H-split	MT-CO.pbl
29309	14	16	2011	Expl Geochem	H-split	MT-CO.pbl
29310	16	18	2011	Expl Geochem	H-split	MT-CO.pbl
29311	18	19.55	2011	Expl Geochem	H-split	MT-CO.pbl
29312	19.55	21	2011	Expl Geochem	H-split	MT-CO.pbl
29313	21	23	2011	Expl Geochem	H-split	MT-CO.pbl
29314	23	25	2011	Expl Geochem	H-split	MT-CO.grn
29315	25	27	2011	Expl Geochem	H-split	MT-CO.grn
29316	27	29	2011	Expl Geochem	H-split	MT-CO.grn
29317	29	31	2011	Expl Geochem	H-split	MT-CO.grn
29318	31	33	2011	Expl Geochem	H-split	MT-CO.grn
29319	33	36	2011	Expl Geochem	H-split	MT-Phy
29320	36	38	2011	Expl Geochem	H-split	MT-Phy
29321	38	40	2011	Expl Geochem	H-split	MT-Phy
29322	40	42	2011	Expl Geochem	H-split	MT-Phy
29323	42	44	2011	Expl Geochem	H-split	MT-Phy
29324	44	45	2011	Expl Geochem	H-split	MT-Phy
29325	45	48	2011	Expl Geochem	H-split	MT-CO.pbl
29326	48	50	2011	Expl Geochem	H-split	MT-CO.pbl
29327	50	52	2011	Expl Geochem	H-split	MT-CO.pbl
29328	52	54	2011	Expl Geochem	H-split	MT-CO.pbl
29329	54	56	2011	Expl Geochem	H-split	MT-CO.pbl
29330	56	58	2011	Expl Geochem	H-split	MT-CO.grn
29331	58	60	2011	Expl Geochem	H-split	MT-CO.grn
29332	60	62	2011	Expl Geochem	H-split	MT-CO.grn
29333	62	64	2011	Expl Geochem	H-split	MT-CO.grn
29334	64	66	2011	Expl Geochem	H-split	MT-CO.grn
29337	66	68	2011	DUP	Q-Split	MT-CO.pbl
29335	66	68	2011	Expl Geochem	H-split	MT-CO.pbl
29336	66	68	2011	STND	CDN-GS-8B	MT-CO.pbl
29338	68	70	2011	Expl Geochem	H-split	MT-CO.pbl
29339	70	72	2011	Expl Geochem	H-split	MT-CO.grn

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-030 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 160 **EOH:** 372

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29340	72	74	2011	Expl Geochem	H-split	MT-CO.pbl
29341	74	76	2011	Expl Geochem	H-split	MT-CO.grn
29342	76	78	2011	Expl Geochem	H-split	MT-CO.pbl
29343	78	79.1	2011	Expl Geochem	H-split	MT-CO.pbl
29344	79.1	79.85	2011	Expl Geochem	H-split	MT-CO.grn
29345	79.85	82	2011	Expl Geochem	H-split	QZVN
29346	82	83.55	2011	Expl Geochem	H-split	QZVN
29347	83.55	85	2011	Expl Geochem	H-split	MT-CO.pbl
29348	85	87	2011	Expl Geochem	H-split	MT-CO.pbl
29349	87	89	2011	Expl Geochem	H-split	MT-CO.pbl
29350	89	91	2011	Expl Geochem	H-split	MT-CO.pbl
29351	91	93	2011	Expl Geochem	H-split	MT-CO.pbl
29352	93	95	2011	Expl Geochem	H-split	MT-CO.pbl
29353	95	97	2011	Expl Geochem	H-split	MT-CO.pbl
29354	97	98.25	2011	Expl Geochem	H-split	MT-CO.pbl
29355	98.25	100	2011	Expl Geochem	H-split	QZVN
29356	100	101.7	2011	Expl Geochem	H-split	QZVN
29357	101.7	103.5	2011	Expl Geochem	H-split	MT-Phy
29358	103.5	105	2011	Expl Geochem	H-split	MT-Phy
29359	105	107	2011	Expl Geochem	H-split	MT-Phy
29360	107	109	2011	Expl Geochem	H-split	MT-Phy
29361	109	111	2011	Expl Geochem	H-split	MT-Phy
29362	111	113	2011	Expl Geochem	H-split	MT-Phy
29363	113	115	2011	Expl Geochem	H-split	MT-Phy
29364	115	117	2011	Expl Geochem	H-split	MT-Phy
29365	117	119	2011	Expl Geochem	H-split	MT-Phy
29366	119	120.6	2011	Expl Geochem	H-split	MT-Phy
29367	120.6	122	2011	Expl Geochem	H-split	MT-CO.pbl
29368	122	123.5	2011	Expl Geochem	H-split	MT-CO.pbl
29369	123.5	125	2011	Expl Geochem	H-split	MT-CO.pbl
29370	125	127	2011	Expl Geochem	H-split	MT-CO.pbl
29371	127	129	2011	Expl Geochem	H-split	MT-CO.grn
29372	129	131	2011	Expl Geochem	H-split	MT-CO.grn
32531	131	133	2011	Blank	LWS_2011	MT-CO.grn
29373	131	133	2011	Expl Geochem	H-split	MT-CO.grn
32530	131	133	2011	DUP	Q-Split	MT-CO.grn
29374	133	135	2011	Expl Geochem	H-split	MT-CO.grn
29375	135	137	2011	Expl Geochem	H-split	MT-CO.grn
29376	137	139	2011	Expl Geochem	H-split	MT-CO.grn

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-030 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 160 **EOH:** 372

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29377	139	141	2011	Expl Geochem	H-split	MT-CO.grn
29378	141	143	2011	Expl Geochem	H-split	MT-CO.grn
29379	143	145	2011	Expl Geochem	H-split	MT-CO.grn
29380	145	147	2011	Expl Geochem	H-split	MT-CO.grn
29381	147	147.9	2011	Expl Geochem	H-split	MT-CO.grn
29382	147.9	150	2011	Expl Geochem	H-split	MT-CO.grn
29383	150	152	2011	Expl Geochem	H-split	MT-CO.grn
29384	152	154	2011	Expl Geochem	H-split	MT-CO.grn
29385	154	156	2011	Expl Geochem	H-split	MT-CO.grn
29386	156	157	2011	Expl Geochem	H-split	MT-CO.grn
29387	157	158	2011	Expl Geochem	H-split	MT-CO.grn
29388	158	160	2011	Expl Geochem	H-split	MT-CO.pbl
29389	160	162	2011	Expl Geochem	H-split	MT-CO.pbl
29390	162	164	2011	Expl Geochem	H-split	MT-CO.pbl
29391	164	166	2011	Expl Geochem	H-split	MT-CO.grn
29392	166	168	2011	Expl Geochem	H-split	MT-CO.grn
29393	168	170	2011	Expl Geochem	H-split	MT-CO.grn
29394	170	172	2011	Expl Geochem	H-split	MT-CO.pbl
29395	172	174	2011	Expl Geochem	H-split	MT-CO.pbl
29396	174	176	2011	Expl Geochem	H-split	MT-CO.pbl
29397	176	178	2011	Expl Geochem	H-split	MT-CO.pbl
29398	178	180	2011	Expl Geochem	H-split	MT-CO.pbl
29399	180	182	2011	Expl Geochem	H-split	MT-CO.pbl
29400	182	184	2011	Expl Geochem	H-split	MT-CO.pbl
29401	184	186	2011	Expl Geochem	H-split	MT-CO.pbl
29402	186	188.35	2011	Expl Geochem	H-split	MT-CO.pbl
29403	188.35	190	2011	Expl Geochem	H-split	MT-CO.pbl
29404	190	192	2011	Expl Geochem	H-split	MT-CO.pbl
29405	192	193.5	2011	Expl Geochem	H-split	MT-CO.pbl
29406	193.5	195	2011	Expl Geochem	H-split	MT-CO.pbl
29407	195	197	2011	Expl Geochem	H-split	MT-CO.grn
29408	197	199	2011	Expl Geochem	H-split	MT-CO.grn
29409	199	201	2011	Expl Geochem	Q-Split	MT-SS.mgr
29410	199	201	2011	DUP	Q-Split	MT-SS.mgr
29411	199	201	2011	Blank	LWS_2011	MT-SS.mgr
29412	201	203	2011	Expl Geochem	H-split	MT-SS.mgr
29413	203	205	2011	Expl Geochem	H-split	MT-SS.mgr
29414	205	207	2011	Expl Geochem	H-split	MT-SS.mgr
29415	207	209	2011	Expl Geochem	H-split	MT-SS.mgr

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-030 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 160 **EOH:** 372

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29416	209	211	2011	Expl Geochem	H-split	MT-SS.mgr
29417	211	213	2011	Expl Geochem	H-split	MT-SS.mgr
29418	213	215	2011	Expl Geochem	H-split	MT-SS.mgr
29419	215	217	2011	Expl Geochem	H-split	MT-SS.mgr
29420	217	219	2011	Expl Geochem	H-split	MT-SS.mgr
29421	219	221	2011	Expl Geochem	H-split	MT-SS.mgr
29422	221	223	2011	Expl Geochem	H-split	MT-SS.mgr
29423	223	225	2011	Expl Geochem	H-split	MT-SS.mgr
29424	225	227	2011	Expl Geochem	H-split	MT-SS.mgr
29425	227	229	2011	Expl Geochem	H-split	MT-SS.mgr
29426	229	231	2011	Expl Geochem	H-split	MT-SS.mgr
29427	231	233	2011	Expl Geochem	H-split	MT-SS.mgr
29428	233	234	2011	Expl Geochem	H-split	MT-SS.mgr
29429	234	237	2011	Expl Geochem	H-split	MT-SS.mgr
29430	237	240	2011	Expl Geochem	H-split	MT-SS.gouge
29431	240	242.15	2011	Expl Geochem	H-split	MT-SS.gouge
29432	242.15	244	2011	Expl Geochem	H-split	MT-SS.mgr
29433	244	246	2011	Expl Geochem	H-split	MT-SS.mgr
29434	246	248	2011	Expl Geochem	H-split	MT-Phy
29435	248	250	2011	Expl Geochem	H-split	MT-Phy
29436	250	252	2011	Expl Geochem	H-split	MT-Phy
29437	252	254	2011	Expl Geochem	H-split	MT-SS.mgr
29438	254	256	2011	Expl Geochem	H-split	MT-SS.mgr
29439	256	258	2011	Expl Geochem	H-split	MT-SS.mgr
29440	258	260	2011	Expl Geochem	H-split	MT-SS.mgr
29441	260	262	2011	Expl Geochem	H-split	MT-SS.mgr
29442	262	264	2011	Expl Geochem	H-split	MT-SS.mgr
29443	264	266	2011	Expl Geochem	H-split	MT-CO.grn
29444	266	268	2011	Expl Geochem	H-split	MT-CO.grn
29445	268	270	2011	Expl Geochem	Q-Split	MT-CO.grn
29446	268	270	2011	STND	CDN-GS-8B	MT-CO.grn
29447	268	270	2011	DUP	Q-Split	MT-CO.grn
29448	270	272	2011	Expl Geochem	H-split	MT-CO.grn
29449	272	274	2011	Expl Geochem	H-split	MT-CO.grn
29450	274	274.7	2011	Expl Geochem	H-split	MT-CO.grn
29451	274.7	276.75	2011	Expl Geochem	H-split	MT-Phy
29452	276.75	278	2011	Expl Geochem	H-split	MT-SS.cgr
29453	278	280.1	2011	Expl Geochem	H-split	MT-SS.cgr
29454	280.1	282	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Green Zone **Hole ID:** 3A-11-030 **Grant No.:** YC72448

Plunge: 75 **Azimuth:** 160 **EOH:** 372

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29455	282	283.8	2011	Expl Geochem	H-split	MT-SS.cgr
29456	283.8	285	2011	Expl Geochem	H-split	MT-SS.cgr
29457	285	287	2011	Expl Geochem	H-split	MT-SS.cgr
29458	287	289	2011	Expl Geochem	H-split	MT-SS.cgr
29459	289	291	2011	Expl Geochem	H-split	MT-SS.cgr
29460	291	293	2011	Expl Geochem	H-split	MT-SS.cgr
29461	293	295	2011	Expl Geochem	H-split	MT-SS.cgr
29462	295	297	2011	Expl Geochem	H-split	MT-SS.cgr
29463	297	299	2011	Expl Geochem	H-split	MT-CO.grn
29464	299	301	2011	Expl Geochem	H-split	MT-CO.grn
29465	301	303	2011	Expl Geochem	H-split	MT-CO.grn
29466	303	304.5	2011	Expl Geochem	H-split	MT-CO.grn
29467	304.5	306.7	2011	Expl Geochem	H-split	MT-CO.grn
29468	306.7	308	2011	Expl Geochem	H-split	MT-CO.grn
29469	308	310	2011	Expl Geochem	H-split	MT-CO.grn
29470	310	312	2011	Expl Geochem	H-split	MT-SS.cgr
29471	312	314	2011	Expl Geochem	H-split	MT-CO.pbl
29472	314	316	2011	Expl Geochem	H-split	MT-CO.pbl
29473	316	318	2011	Expl Geochem	H-split	MT-CO.pbl
29474	318	320	2011	Expl Geochem	H-split	MT-CO.pbl
29475	320	322	2011	Expl Geochem	H-split	MT-CO.pbl
29476	322	324	2011	Expl Geochem	H-split	MT-CO.pbl
29477	324	325.7	2011	Expl Geochem	H-split	MT-CO.pbl
29478	325.7	327	2011	Expl Geochem	H-split	MT-SS.cgr
29479	327	329	2011	Expl Geochem	H-split	MT-SS.cgr
29480	329	331	2011	Expl Geochem	H-split	MT-SS.cgr
29481	331	333	2011	Expl Geochem	H-split	MT-CO.grn
29484	333	335	2011	Blank	LWS_2011	MT-CO.pbl
29482	333	335	2011	Expl Geochem	H-split	MT-CO.pbl
29483	333	335	2011	DUP	Q-Split	MT-CO.pbl
29485	335	337	2011	Expl Geochem	H-split	MT-CO.pbl
29486	337	339	2011	Expl Geochem	H-split	MT-SS.cgr
29487	339	341	2011	Expl Geochem	H-split	MT-SS.cgr
29488	341	343	2011	Expl Geochem	H-split	MT-SS.cgr
29489	343	345	2011	Expl Geochem	H-split	MT-CO.pbl
29490	345	347	2011	Expl Geochem	H-split	MT-CO.pbl
29491	347	349	2011	Expl Geochem	H-split	MT-CO.pbl
29492	349	351	2011	Expl Geochem	H-split	MT-CO.pbl
29493	351	353	2011	Expl Geochem	H-split	MT-CO.pbl

Project:	NTR3A	Prospect:	Green Zone	Hole ID:	3A-11-030	Grant No.:	YC72448
Plunge:	75	Azimuth:	160	EOH:	372		

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29494	353	355	2011	Expl Geochem	H-split	MT-CO.pbl
29495	355	356.5	2011	Expl Geochem	H-split	QZVN
29496	356.5	357.65	2011	Expl Geochem	H-split	QZVN
29497	357.65	360	2011	Expl Geochem	H-split	MT-Phy
29498	360	361	2011	Expl Geochem	H-split	MT-Phy
29499	361	363	2011	Expl Geochem	H-split	MT-Phy
29500	363	365	2011	Expl Geochem	H-split	MT-CO.pbl
29501	365	367	2011	Expl Geochem	H-split	MT-CO.pbl
29502	367	369	2011	Expl Geochem	H-split	MT-CO.pbl
29503	369	370.1	2011	Expl Geochem	H-split	MT-CO.pbl
29504	370.1	370.9	2011	Expl Geochem	H-split	MT-Phy
29505	370.9	372	2011	Expl Geochem	H-split	MT-CO.grn

North Zone

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-0 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533910.4	6844320.4		

Elevation: 1565 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 160
EOH: 194.0 m
Core Size: HQ

Start Date: 01/10/2011
Finish Date: 08/10/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	60.3	159.64	5828	Reflex	1
105	59.8	158.04	5815	Reflex	1
174	60.7	160.44	5820	Reflex	1
194	60.7	160.04	5826	Reflex	1

Objective:

To test the North Zone mineralisation at depth. The surface target is the priniciple VG outcrop. The intent of this drill hole is to determine the thickness of the QPC at this location and establish improved controls on the geometry of the fault hosting the vein system. Target depth is approximately 45 m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
4.6	5	White bull qzvn at top of unit after casing. Minor lim staining along core surface and in fracs	QZVN		100.0%	w			co	1
5	26.35	Sheeted and TVA arrays throughout QPC unit, dominantly lim altered.	QZVN		5.0%	w			co	2
5	26.35	Buff pbl QPC. Pervasive lim+rust alteration throughout sections of unit with alteration of fspar clast, clast boundaries and fractures.Minor chl and fecb alteration of fspar in sections. Unit is both competent and broken. QPC filled with Sheeted and TVA qzvns, surrounded by silicified matrix. Clasts: Clast supported, subangular-subrounded, 0.5-2.5cm clasts. Fecb and chl alteration of fspar clasts with lim+rust pervasive overprinting. 95% qtz, 4% fspar, <1% lithics	MT-CO	pbl	95.0%	bf	qtz	95	co	2
26.35	29.65	Grey-green cgr SS. Chl alteration of matrix with unaltered fspar clasts. TVA arrays throughout unit. SS grades into highly angular pbl QPC at end of unit toward a zone of intensely veined QPC with lim alteration	MT-SS	cgr	100.0%	gy-g	qtz	95	co	2
29.65	58.1	Sheeted and TVA arrays throughout QPC unit, dominantly lim altered.	QZVN		5.0%	w			co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	North Zone	Hole ID:	3ANZ-11-001	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	160	194				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
29.65	58.1	Beginning of unit is a 10-15cm cobble QPC with a SS matrix which grades into a buff pbl QPC. Zone of intense qzvning and pervasive lim alteration of QPC matrix immediately after cobble QPC. Pervasive lim+rust alteration throughout sections of unit with alteration of fspar clast, clast boundaries and fractures. Minor chl and fecb alteration of fspar in sections. Unit is both competent and broken. QPC filled with Sheeted and TVA qzvns. Sections of silicified matrix where qzvns are prevalent. From 42.35-44.10m there is a QPC sedimentary Breccia, angular, mod sorted ~0.5cm clasts with strong lim alteration in matrix seams. Clasts: Clast supported, subangular-subrounded, 0.5-2.5cm clasts. Fecb and chl alteration of fspar clasts with lim+rust pervasive overprinting. Sheard zones where QPC clasts are elongated. 95% qtz, 4% fspar, <1% lithics	MT-CO	pbl	95.0%	bf	qtz	95	co	3
58.1	68.4	Grey cgr SS, silicified with overprinted wcy smgr alteration.	MT-SS	cgr	100.0%	gy	qtz	95	co	2
68.4	175.9	Intensely folded and faulted chaotic qzvns with chl and minor cbt alteration	QZVN		3.0%	w			lc	3
68.4	194	Intensely broken, fragmented, gouged and deformed Black phyllite with SLT lamella. Gouges vary in alteration: graphite, limonite and chlorite described in interval and point structure. QZVNS throughout are chaotically deformed	MT-Phy	gf	97.0%	n			lc	3

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4.6	13	Stong lim and rust alteration along fractures	LIM	3	frac	b
5	6	Silicification of QPC clasts and matrix in zones of veining	SIL	2	perv	gy
5	5.5	Lim+rust smgr altn of fspar clasts in QPC	LIM	2	smgr	b
5.8	26.35	bf fecb smgr of fspar clasts, mostly overprinted by lim+rust alteration	fecb	1	smgr	bf
6.25	10.6	Lim+rust smgr of fspar clasts and complete replacement of py xls in boxwork	LIM	4	smgr	b
13	21	silicifiation of QPC matrix and clasts	SIL	2	perv	gy
13.6	21	Weak chl alteration of fspar clasts and matrix	chl	1	perv	g
14.7	23.1	lim+rust smgr of fspar clasts and vn boundaries	LIM	2	smgr	b
14.7	23.1	lim+rust altn along fractures	LIM	2	frac	b
22.9	23.1	Pervasive lim alteration of matrix and clast boundaries in QPC above QZVN	LIM	4	perv	o
23.1	25.8	lim+rust altn along fractured qtz fault zone	LIM	3	frac	o-b
26.45	29.9	brown staining of fractures and wallrock near breaks	LIM	2	frac	b
26.45	29.9	moderate perv chl altn of matrix	chl	2	perv	g
29.9	30.75	Pervasive brown limonite alteration throughout QPC matrix in zone of intense qzvning	LIM	2	perv	b
31.05	32.2	White carbonate alteration along grain boundaries and matrix seams	cbt	2	perv	w
31.05	32.2	Silicified QPC clasts and matrix	SIL	2	perv	gy
32.2	58.1	Weak buff fecb smgr of fspar clasts in QPC	fecb	1	smgr	bf
32.2	38.7	Mod-strong pervasive lim alteration of QPC matrix, fractures and vein boundaries	LIM	2	perv	b
38.7	45.2	lim smgr of fspar clasts	LIM	2	smgr	b

Project:	NTR3A	Prospect:	North Zone	Hole ID:	3ANZ-11-001	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	160	194				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
38.7	45.2	Lim+rust staining along fracs neighbouring wallrock	LIM	2	frac	b
40.1	40.65	pervasive grey silicification of QPC clasts and matrix blurring vein and grain boundaries	SIL	2	perv	gy
45.2	50.8	Strong pervasive lim+rust alteration of QPC matrix and fractures is broken/fragmented zone	LIM	3	perv	b
50.8	53.88	lim smgr of fspar clasts	LIM	2	smgr	b
50.8	67.8	Lim+rust staining along fracs neighbouring wallrock	LIM	2	frac	b
51.2	68.4	Very Weak clay alteration of smgr fspar clasts overprinted by silica and chl	cy	0.5	smgr	w
51.2	68.4	Weak-mod pervasive alteration of fpsar clasts and matrix seams	chl	2	perv	g
66.6	68.4	fecb altn of fspar clasts	fecb	1	smgr	bf
68.4	85.65	Brown lim alteration along broken fragments and gouge zones	LIM	1	frac	b
72.8	77	Graphitic fault/gouge zone	gf	3	frac	n
77	80.5	Chloritic fault/gouge zone	chl	2	frac	g
93	161.5	Carbonate alteration blebs in qzvns	cbt	1	vn	bf
99	139.4	Chl along deformed qzvns	chl	2	vn	g
119	161.5	Pervasive gf alteration, gouge zones with intense graphite	gf	1	perv	n
173.8	175	Pervasive gf alteration throughout phyllite	gf	3	perv	n

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
4.6	5	QZVN	200.0%	mass	40cm massive white QZVN with minor lim alteration
23.1	25.8	QZVN	300.0%	bx	Broken/fragmented with some brecciated fragments throughout fault zone
23.1	25.8	FZ	300.0%	BFZ	Brittle faulted QPC and qzvn
27	27.3	SZ	200.0%	DBSZ	Sheared and offset SHTV arrays. TVA arrays crosscut by SHTV
29.9	30.75	QZVN	300.0%	bx	Brecciated and sheeted vn arrays in pervasive lim altered QPC
43	44.3	SZ	200.0%	DBSZ	sheared elongated QPC clasts and alignment of matrix seams
51.2	51.5	SZ	200.0%	DBSZ	Sheared QPC/SS with TVA array
72.2	93.5	FZ	300.0%	BFZ	Brittle faulted phyllite with, graphite, chlorite gouge zones with limonite alteration along fractures
100.55	108	FZ	200.0%	BFZ	Brittle/ductile fault zone with deformed qzvns and intensely folded phyllite unit, small zones of brecciation with chl/cbt alteration.
119	129	FZ	200.0%	BFZ	Weakly broken fault zone due to deformable phyllite
119	129	SZ	400.0%	DBSZ	Intense phyllite shear zone throughout phyllite unit. Pinching and shearing qzvns with local breccia zones. Bedding is chaotrically folded
124.3	124.9	QZVN	400.0%	SHTV	Intensely deformed and boudinaged sheeted qzvns
129	152.1	FZ	400.0%	DBSZ	Intensely broken and gouged fault zone due to deformable phyllite
152.1	152.2	QZVN	300.0%	mass	Qzvn at lower contact of fault zone,
152.2	158.1	SZ	300.0%	bx	Shear zone with intensely deformed phyllite and qzvns. Qtz breccia throughout interval with pyrite mineralisation

Mineralisation

Project:	NTR3A	Prospect:	North Zone	Hole ID:	3ANZ-11-001	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	160	194				

From:	To:	Comments	Mineral	Percent	Distribution
4.6	5.5	Diss boxwork, weathered out euh py. Replaced by rusty limonite	py	0.2	diss
4.6	5.5	Diss sub-euh asp xls diss throughout QPC matrix	asp	0.5	diss
5.5	5.8	Sparse fgr subhedral py xls in qzvns and wallrock	py	0.2	vn
5.5	5.8	Intense asp mineralisation throughout altered qzvns and wallrock contact zone. Blebs of fgr asp have altered lim halos. This is a very broken, vuggy altered zone. Asp mineralisation is also boxwork replaced by lim+rust.	asp	7	vn
5.8	10.6	Up to 1cm diameter blebs of fgr asp in qzvns and wallrock contact zones	asp	0.5	vn
5.8	10.6	Sparse fgr subhedral py xls in qzvns and wallrock	py	0.2	vn
10.6	17.8	Sparse fgr subhedral py xls in qzvns and wallrock	py	0.3	vn
10.6	17.8	Sparse blebs of fgr asp in qzvns and wallrock contact zones	asp	0.1	vn
17.8	21.1	Sparse blebs of fgr asp in qzvns and wallrock contact zones	asp	0.2	vn
17.8	21.1	Diss cgr subhedral py throughout matrix	py	2	diss
21.1	26.35	Cgr sub-euh asp xls in qzvns and wallrock, xls up to 1cm diameter	asp	1	vn
21.1	26.35	subhedral and boxwork py throughout qzvn and wallrock, replaced by lim+rust	py	0.2	vn
26.35	37	Trace py xls in vn and wallrock	py	0.01	vn
26.35	30.23	Trace asp xls in vn and wallrock	asp	0.01	vn
37	41	fgr subhedral pyrite in sheeted qzvns, veinlets and silicified wallrock	py	0.3	vn
37	41	Blebs of fgr subhedral asp in sheeted qzvns, veinlets and silicified wallrock	asp	0.2	vn
38.92	38.93	1mm speck of VG in 1cm thick low core angle, vuggy qzvn. Strong lim+rust alteration fillling in vugs and pyrite boxwork	au	1	vn
41	46.1	Blebs of fgr asp mineralisation in qzvns and in dark stingers in fault filled fractures	asp	0.1	vn
41	46.1	fgr subhedral pyrite in sheeted qzvns, veinlets and silicified wallrock	py	0.1	vn
46.1	68.4	Trace fgr py in qzvns and silified wallrock	py	0.01	vn
46.1	68.4	Trace fgr asp in qzvns and silified wallrock	asp	0.01	vn
68.4	103	Trace fgr py min in altered phyllite gouge zones	py	0.01	gouge
103	156	Trace fgr py min in chl altered intensely deformred qzvns within phyllite	py	0.01	vn
156	157.9	Fgr py blebs, completely replaced qzvns with py and py diss in the QBX	py	0.3	vn
157.9	177.5	Fgr py replacing deformed qzvns that follows compositional phyl/SLT bedding/cleavage	py	0.1	vn

Point Structure

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
5	Veins			LIM	SHTV	40			2cm thick SHTV qzvn, 20 cm spacing
5.25	Veins			LIM	SHTV	40			2cm thick SHTV qzvn, 20 cm spacing
5.85	Veins		cbt	LIM	qzvn	25			Single 1cm thick low core angle cbt altered qzvn
9	Veins			LIM	SHTV	30			3 1-3cm thick sheeted veins with lim alteration along fracs and selvedge
9.5	Veins			LIM	SHTV	25			Low core angle set of 1cm thick qzvns
9.8	Veins			asp	qzvn	40			Orientation of 6cm thick qzvn
10.8	Veins			asp	qzvn	20			single 1cm thick qzvn
13.3	Veins			asp	qzvn	80			single 1cm thick qzvn
13.4	Cleavage		Sx	SIL	FOL	60			Alignment of mineral grains in QPC
13.55	Veins			SIL	TVA	5			Orientation of 2cm long, 2mm thick pinched TVA qzvns
13.6	Veins			SIL	SHTV	50			Widely spaced 1cm thick qzvns in silicified QPC
13.8	Cleavage		Ssh	SIL	FOL	65			Orientation of sheared/elongated mineral mineral grains in QPC
14.4	Veins			SIL	SHTV	55			Widely spaced 1cm thick qzvns in silicified QPC
15.7	Cleavage		Ssh	LIM	FOL	65			Sheared/elongated mineral grains in QPC
19.6	Veins		V1	LIM	qzvn	10			Single low core angle qzvn cut by V2 SHTV qzvn. Intervein angle is 35
19.6	Veins		V2	LIM	SHTV	40			Series of 0.5cm, 3-4cm spaced sheeted qzvns, intervein angle is 35
20.65	Veins			asp	SHTV	35			Series of 0.5cm, 3-4cm spaced sheeted qzvns, intervein angle is 35
22.8	Veins			LIM	SHTV	50			Few 2cm thick lim altered qzvns
25.5	Veins			LIM	mass	75			massive, fragmented lim+rust altered qzvn
26.85	Veins			chl	SZB	15			15 TCA SZB of 1cm thick tension vein
26.85	Veins		V1	chl	TVA	10			1cm thick pinched out TVA qzvn, cut by sheeted V2 veins
26.85	Veins		V2	chl	SHTV	65			High core angle 1cm thick, 20cm spaced sheeted vns
27.35	Veins		V1	chl	TVA	10			Thin pinched out and offset TVA array, cut off by V2 SHTV, intervein angle of 35
27.35	Veins		V2	chl	SHTV	55			0.5cm thick 5-10cm spaced SHTV array which x-cuts TVA array at an intervein angle of 35
29.4	Veins			LIM	SHTV	50			0.5-2cm thick SHTV array
29.55	Veins			LIM	SHTV	80			0.5-1cm thick SHTV array
30.8	Veins			LIM	qzvn	60			1cm thick qzvn
31.55	Veins			SIL	SHTV	45			0.5cm thick sheeted qzvn array
32.2	Veins			SIL	SHTV	25			1-3cm thick sheeted qzvns, 10-15cm spacing, lim altered along fracs
37.25	Veins			LIM	SHTV	35			several 2-3cm thick SHTV
37.25	Veins			LIM	SHTV	25			several 2-3cm thick SHTV
38.8	Veins			LIM	mass	55			10-15cm broken up qzvn with lim alteration along fracs
38.92	Veins			Au	qzvn	20			20 degree TCA 1cm thick qzvn with 3mm speck of VG
40.1	Veins				SHTV	20			Faint silicified sheeted veins cutting QPC
40.3	Veins				SHTV	25			Faint silicified sheeted veins cutting QPC
43.5	Cleavage		Ssh	LIM	FOL	40			Elongated, aligned mineral grains and matrix seams in shear zone
44.4	Veins			LIM	SHTV	45			0.5-2cm thick, 5cm spacing sheeted array, intervein angle 75
44.4	Veins			LIM	SHTV	55			0.5cm thick, 5cm spacing sheeted array, intervein angle 75
44.6	Cleavage		Sx	LIM	FOL	35			Semi penetrative lim altered seams in QPC

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
47.9	Veins				qzvn	65			3cm thick lim altered qzvn
51.3	Veins			SIL	SHTV	45			0.5cm thick array of sheeted vns
52.8	Veins			LIM	SHTV	45			1-2cm thick sheeted array,
56.65	Contact		So	chl		80			Contact between pbl QPC and a granule QPC
58.9	Veins				SHTV	15			0.5cm widely spaced low core angle sheeted veins
61.7	Veins				qzvn	30			2cm thick qzvn
63.05	Cleavage		Sx		FOL	60			Semi penetrative silicified seams
63.6	Veins				SHTV	55			~10 2mm thick, 3-5cm spaced sheeted qzvns
63.9	Contact		So			60			Contact between grn QPC above a phyl bed
63.95	Cleavage		So			60			phyl/SLT compositional bedding/cleavae
64	Contact		So			55			phyllite seam contact
67.3	Veins				qzvn	20			2cm thick qzvn
67.7	Veins			LIM	SHTV	35			2 3cm thick, 15cm spaced SHTV
68.7	Cleavage		So			25			phyl/SLT compositional bedding/cleavae
69.1	Cleavage		So			50			phyl/SLT compositional bedding/cleavae, Angle bw So and AXP is 55
69.1	Axial Plane				FOL	75			Angle bw So and AXP is 55
74.9	Faults			gf	Gouge				Black graphitic gouge zone
76.5	Faults			gf	Gouge				Black graphitic gouge zone
78.25	Faults			chl	Gouge				Blk/green chloritic gouge zone
79	Faults			chl	Gouge				Blk/green chloritic gouge zone
80.8	Faults				Gouge				Grey gouge zone
83.8	Cleavage		S1		FOL	50			Penetrative axial planar cleavage
83.8	Veins				SHTV	50			3 0.5cm sheeted vns following S1
83.8	Axial Plane					50			folds in sheeted qzvns
87.4	Cleavage		So			85			Phyl/SLT compositional bedding/cleavage
87.4	Cleavage		S1		FOL	60			Penetrative wispy flared bedding seams
95.4	Veins			cbt	SHTV	80			3 2mm thick cbt, chl altered sheeted veinlets
102.6	Veins			cbt	mass				30cm thick qzvn with chl and cbt alteration intensely deformed
102.6	Veins			chl	mass				30cm thick qzvn with chl and cbt alteration intensely deformed
102.7	Cleavage		So			55			Phyl/SLT compositional bedding/cleavage
102.85	Axial Plane				FOL	75			Axial planar cleavage with oppositely oriented bedding on either side
102.95	Cleavage		So			45			Phyl/SLT compositional bedding/cleavage
105	Veins				STWK				Chaotic STWK qzvning in deformed phyllite
106.8	Cleavage		So			15			Phyl/SLT compositional bedding/cleavage, angle between Bedding and AXP is 45
108	Veins			chl	qzvn	45			3cm thick chl altered qzvn
109.55	Axial Plane					30			axial planar clv in phyl/SLT, angle between Bedding and AXP is 45
113.7	Veins				qzvn	75			0.5cm thick chl altered qzvn
117.3	Cleavage		So			90			Phyl/SLT compositional bedding/cleavage
119	Veins			cbt	SHTV	60			1cm thick, 1cm spaced sheeted vn array intensely altered by carbonate, vein has yellowish tinge

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
119	Faults				bx matrix	60			phyllite and qt breccia zone
120.4	Veins				SHTV	45			1-2mm thick deformed sheeted vn array
120.85	Veins				QBX				Brecciated qtz veins and phyl frags
123.55	Veins				SHTV	50			Intensely deformed, pinch out 1-2cm thick chl altred SHTVs
123.75	Cleavage		So			60			Phyl/SLT compositional bedding/cleavage
126.65	Cleavage		So			40			Phyl/SLT compositional bedding/cleavage
132	Faults				Gouge				Extensive, intense muddy phyllite gouge zone
135	Faults				Gouge				Extensive, intense muddy phyllite gouge zone
137.6	Cleavage		So			20			Phyl/SLT compositional bedding/cleavage
138	Faults				Gouge				Extensive, intense muddy phyllite gouge zone
138.25	Cleavage		So			60			Phyl/SLT compositional bedding/cleavage
141	Faults			gf	Gouge				Extensive Muddy graphitic gouge zone
144	Faults			gf	Gouge				Extensive Muddy graphitic gouge zone
150	Faults			gf	Gouge				Extensive Muddy graphitic gouge zone
150.6	Faults			py	QBX				Brecciated Qtz and phyllite in FZ/SZ with minor euh py mineralisation
156	Faults			py	QBX				
167.28	Cleavage				FOL	55			penetrative cleavage, wispy bedding
167.28	Axial Plane					70			
167.28	Cleavage		So	py		30			Phyl/SLT compositional bedding/cleavage, angle between So and S1 is 25
168.5	Cleavage		So	gf		35			Phyl/SLT compositional bedding/cleavage
173.15	Axial Plane					15			kink fold hinges
173.55	Cleavage		So	gf		36			Phyl/SLT compositional bedding/cleavage
177.65	Cleavage		So	gf		40			Phyl/SLT compositional bedding/cleavage, angle bw So and S1 is 35
177.65	Cleavage		S1			75			penetrative cleavage, wispy bedding
177.9	Veins			cbt	SHTV	40			1-2mm thick sheeted cbt altered qzvns
182.95	Cleavage		So	gf		30			Phyl/SLT compositional bedding/cleavage
186.75	Veins			cbt	SHTV	25			2 2mm thick 5cm spaced sheeted qzvns
187.25	Cleavage		So			40			Phyl/SLT compositional bedding/cleavage
189.15	Veins				qzvn	45			Deformed cbt altered qzvn
190	Cleavage		So			45			Phyl/SLT compositional bedding/cleavage
194	Cleavage		So			45			Phyl/SLT compositional bedding/cleavage

Assay Samples

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29506	4.6	6	2011	Expl Geochem	H-split	MT-CO.pbl
29507	6	8	2011	Expl Geochem	H-split	MT-CO.pbl
29508	8	9	2011	Expl Geochem	H-split	MT-CO.pbl
29509	9	10	2011	Expl Geochem	H-split	MT-CO.pbl
29510	10	12	2011	Expl Geochem	H-split	MT-CO.pbl
29511	12	14	2011	Expl Geochem	H-split	MT-CO.pbl
29512	14	16.5	2011	Expl Geochem	H-split	MT-CO.pbl
29513	16.5	18	2011	Expl Geochem	H-split	MT-CO.pbl
29514	18	19	2011	Expl Geochem	H-split	MT-CO.pbl
29515	19	21	2011	Expl Geochem	H-split	MT-CO.pbl
29516	21	23.1	2011	Expl Geochem	H-split	MT-CO.pbl
29517	23.1	25	2011	Expl Geochem	H-split	MT-CO.pbl
29518	25	26.35	2011	Expl Geochem	H-split	MT-CO.pbl
29521	26.35	28	2011	DUP	Q-Split	MT-SS.cgr
29519	26.35	28	2011	Expl Geochem	H-split	MT-SS.cgr
29520	26.35	28	2011	STND	CDN-GS-8B	MT-SS.cgr
29522	28	29.65	2011	Expl Geochem	H-split	MT-SS.cgr
29523	29.65	31	2011	Expl Geochem	H-split	MT-CO.pbl
29524	31	33	2011	Expl Geochem	H-split	MT-CO.pbl
29525	33	35	2011	Expl Geochem	H-split	MT-CO.pbl
29526	35	36	2011	Expl Geochem	H-split	MT-CO.pbl
29527	36	37	2011	Expl Geochem	H-split	MT-CO.pbl
29528	37	38.5	2011	Expl Geochem	H-split	MT-CO.pbl
29529	38.5	39	2011	Expl Geochem	H-split	QZVN
29530	39	40	2011	Expl Geochem	H-split	MT-CO.pbl
29531	40	41	2011	Expl Geochem	H-split	MT-CO.pbl
29532	41	42	2011	Expl Geochem	H-split	MT-CO.pbl
29533	42	43	2011	Expl Geochem	H-split	MT-CO.pbl
29534	43	44.3	2011	Expl Geochem	H-split	MT-CO.pbl
29535	44.3	46	2011	Expl Geochem	H-split	MT-CO.pbl
29536	46	48	2011	Expl Geochem	H-split	MT-CO.pbl
29537	48	51	2011	Expl Geochem	H-split	MT-CO.pbl
29538	51	53	2011	Expl Geochem	H-split	MT-CO.pbl
29539	53	55	2011	Expl Geochem	H-split	MT-CO.pbl
29540	55	57	2011	Expl Geochem	H-split	MT-CO.pbl
29541	57	58.1	2011	Expl Geochem	H-split	MT-CO.pbl
29542	58.1	60	2011	Expl Geochem	H-split	MT-SS.cgr
29543	60	62	2011	Expl Geochem	H-split	MT-SS.cgr
29544	62	64	2011	Expl Geochem	H-split	MT-SS.cgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29545	64	66	2011	Expl Geochem	H-split	MT-SS.cgr
29546	66	68.4	2011	Expl Geochem	H-split	MT-SS.cgr
29547	68.4	70	2011	Expl Geochem	H-split	MT-Phy
29548	70	72	2011	Expl Geochem	H-split	MT-Phy
29549	72	74	2011	Expl Geochem	H-split	MT-Phy
29550	74	76	2011	Expl Geochem	H-split	MT-Phy
29551	76	78	2011	Expl Geochem	H-split	MT-Phy
29552	78	81	2011	Expl Geochem	H-split	MT-Phy
29553	81	83	2011	Expl Geochem	H-split	MT-Phy
29554	83	85	2011	Expl Geochem	H-split	MT-Phy
29555	85	87	2011	Expl Geochem	H-split	MT-Phy
29557	87	90	2011	DUP	Q-Split	MT-Phy
29556	87	90	2011	Expl Geochem	H-split	MT-Phy
29558	87	90	2011	Blank	LWS_2011	MT-Phy
29559	90	93	2011	Expl Geochem	H-split	MT-Phy
29560	93	95	2011	Expl Geochem	H-split	MT-Phy
29561	95	97	2011	Expl Geochem	H-split	MT-Phy
29562	97	99	2011	Expl Geochem	H-split	MT-Phy
29563	99	101	2011	Expl Geochem	H-split	MT-Phy
29564	101	103	2011	Expl Geochem	H-split	MT-Phy
29565	103	105	2011	Expl Geochem	H-split	mt-phy
29566	105	108	2011	Expl Geochem	H-split	MT-Phy.gf
29567	108	110	2011	Expl Geochem	H-split	MT-Phy.gf
29568	110	112	2011	Expl Geochem	H-split	MT-Phy.gf
29569	112	114	2011	Expl Geochem	H-split	MT-Phy.gf
29570	114	116	2011	Expl Geochem	H-split	MT-Phy.gf
29571	116	118	2011	Expl Geochem	H-split	MT-Phy.gf
29572	118	120	2011	Expl Geochem	H-split	MT-Phy.gf
29573	120	122	2011	Expl Geochem	H-split	MT-Phy.gf
29574	122	124	2011	Expl Geochem	H-split	MT-Phy.gf
29575	124	126	2011	Expl Geochem	H-split	MT-Phy.gf
29576	126	128	2011	Expl Geochem	H-split	MT-Phy.gf
29577	128	130	2011	Expl Geochem	H-split	MT-Phy.gf
29578	130	132	2011	Expl Geochem	H-split	MT-Phy.gf
29579	132	134	2011	Expl Geochem	H-split	MT-Phy.gf
29580	134	136	2011	Expl Geochem	H-split	MT-Phy.gf
29581	136	138	2011	Expl Geochem	H-split	MT-Phy.gf
29582	138	140	2011	Expl Geochem	H-split	MT-Phy.gf
29583	140	142	2011	Expl Geochem	H-split	MT-Phy.gf

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-001 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 160 **EOH:** 194

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29584	142	144	2011	Expl Geochem	H-split	MT-Phy.gf
29585	144	146	2011	Expl Geochem	H-split	MT-Phy.gf
29586	146	148	2011	Expl Geochem	H-split	MT-Phy.gf
29587	148	150	2011	Expl Geochem	H-split	MT-Phy.gf
29588	150	152	2011	Expl Geochem	H-split	MT-Phy.gf
29589	152	154	2011	Expl Geochem	H-split	MT-Phy.gf
29590	154	156	2011	Expl Geochem	H-split	MT-Phy.gf
29591	156	158	2011	Expl Geochem	H-split	MT-Phy.gf
29592	158	160	2011	Expl Geochem	H-split	MT-Phy.gf
29593	160	162	2011	Expl Geochem	H-split	MT-Phy.gf
29594	160	162	2011	STND	CDN-GS-8B	MT-Phy.gf
29595	160	162	2011	DUP	Q-Split	MT-Phy.gf
29596	162	164	2011	Expl Geochem	H-split	MT-Phy.gf
29597	164	166	2011	Expl Geochem	H-split	MT-Phy.gf
29598	166	168	2011	Expl Geochem	H-split	MT-Phy.gf
29599	168	170	2011	Expl Geochem	H-split	MT-Phy.gf
29600	170	172	2011	Expl Geochem	H-split	MT-Phy.gf
29601	172	174	2011	Expl Geochem	H-split	MT-Phy.gf
29602	174	176	2011	Expl Geochem	H-split	MT-Phy.gf
29603	176	178	2011	Expl Geochem	H-split	MT-Phy.gf
29604	178	180	2011	Expl Geochem	H-split	MT-Phy.gf
29605	180	182	2011	Expl Geochem	H-split	MT-Phy.gf
29606	182	184	2011	Expl Geochem	H-split	MT-Phy.gf
29607	184	186	2011	Expl Geochem	H-split	MT-Phy.gf
29608	186	188	2011	Expl Geochem	H-split	MT-Phy.gf
29609	188	190	2011	Expl Geochem	H-split	MT-Phy.gf
29610	190	191.5	2011	Expl Geochem	H-split	MT-Phy.gf
29611	191.5	194	2011	Expl Geochem	H-split	MT-Phy.gf

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-0 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533910.4	6844320.4		

Elevation: 1565 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 160
EOH: 222.0 m
Core Size: HQ

Start Date: 08/10/2011
Finish Date: 14/10/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
45	73.5	155.64	5790	Reflex	1
138	73.8	157.34	5867	Reflex	1
192	74	161.94	5826	Reflex	1
222	74.3	162.8	5821	Reflex	1

Objective:

To test the North Zone mineralisation at depth. The surface target is the priniciple VG outcrop. The intent of this drill hole is to determine the thickness of the QPC at this location and establish improved controls on the geometry of the fault hosting the vein system. Target depth is approximately 45 m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
6.1	27	Intensely altered and weathered pbl QPC. Lim alteration along fractures, smgr fspar and replacing boxwork pyrite. Zones of compositional QBX. Intense interval of silicification. Thin sheeted qzvns throughout with silicification of QPC matrix. Clasts: angular-subrounded, 0.5-1cm. 95% qtz, 4% fspar, 1% lithics	MT-CO	pbl	100.0%	bf	qtz	95	co	2
27	39	Broken, Fragmented QZVN fault zone with strong lim alteration along fractured surfaces.	QZVN		100.0%	w			co	3
39	50.15	Intensely altered and weathered pbl QPC. Lim alteration along fractures, smgr fspar and replacing boxwork pyrite. Zones of compositional QBX. Intense interval of silicification. Thin sheeted qzvns throughout with silicification of QPC matrix. Clasts: angular-subrounded, 0.5-1cm. 95% qtz, 4% fspar, 1% lithics	MT-CO	pbl	100.0%	bf	qtz	95	co	2
50.15	60.85	Intensely altered and weathered grn QPC. Lim alteration along fractures and vn boundaries. Minor pervasive sil and chl alteration of QPC matrix and grain boundaries. Clasts: subangular-subrounded, 1-3mm. 98% qtz, 2% fspar	MT-CO	grn	100.0%	bf	qtz	98	co	2
60.85	109.1	Broken blk phyllite/SLT unit with minor gouge, various alteration throughout unit- lim, chl. Less than 1% thin deformed qzvns throughout unit.	MT-Phy		100.0%	n			co	3
109.1	142.6	Chaotic sheeted, TVA and stwk veins throughout deformed graphitic phyllite unit altered by chlorite and carbomate.	QZVN		5.0%	w			fr	4
109.1	142.6	Intense folded/deformed, faulted phyllite with ~3-5% chaotic qzvning. Graphitic coated gouged zones.	MT-Phy		95.0%	n			fr	4
142.6	143.1	Broken, fragmented QBX zone with chl, chl alteration	QZVN	bx	80.0%	w			fr	4
143.1	168.7	Chaotic sheeted, TVA and stwk veins throughout deformed graphitic phyllite unit altered by chlorite and carbomate.	QZVN		5.0%	w			fr	4
143.1	143.1	Broken, gouged phyl in breccia zone	MT-Phy	bx	20.0%	n			fr	4
143.1	168.7	Intense folded/deformed, faulted phyllite with ~3-5% chaotic qzvning. Graphitic coated gouged zones.	MT-Phy	gf	95.0%	n			fr	4
168.7	170.2	Broken, gouged phyl in breccia zone	MT-Phy	bx	20.0%	n			co	4
168.7	170.2	Broken, fragmented QBX zone with chl, chl alteration	QZVN	bx	80.0%	w			co	4

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	North Zone	Hole ID:	3ANZ-11-002	Grant No.:	YC72728
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
170.2	174	Chaotic sheeted, TVA and stwk veins throughout deformed graphitic phyllite unit altered by chlorite and carbomate.	QZVN		5.0%	w			co	4
170.2	174	Intense folded/deformed, faulted phyllite with ~3-5% chaotic qzvning. Graphitic coated gouged zones.	MT-Phy	gf	95.0%	n			co	4
174	189.4	High density of deformed quartz veining between 174.00-175.20m. But generally only minor thin vein seams.	QZVN		1.0%	w			fr	2
174	189.4	Logged by Doreen Hacker: Black graphtic phyllite that is softened and friable troughout. Rather blocky and broken between 174.00-178.00m. Texture of phyllite is too fine-grained to determine exact composition. Generally only minor grey, laminar silt interbedding.	MT-Phy	gf	99.0%	n			fr	2
189.4	197	White quartz veins with frequent acid soluble calcite wisps in veining. Veining ranges from 1-4cm tin thickness and is generally deformed and/or sheeted. Often as tension vein arrays. High density of broad veining at lower contact of unit with another phyllite unit below that differs significantly in vein intensity.	QZVN		5.0%	w			co	2
189.4	197	Generally competent black phyllite unit with minor grey laminar interbedding (So). Texutre of phyllite is too fine-grained to determine exact composition. Multiple parasitic profiles discernible.	MT-Phy		95.0%	n			co	1
197	222	Quartz veining in phyllite is generally <2cm thick and has small calcite wisps. Veining runs discordant to So and genrally axial planar or axial planar parallel to flex-folding/low amplitude parasitic fold profiles in So.	QZVN		1.0%	w			co	1
197	222	Black phyllite with ~5% grey laminar silt interbedding (So) and generally competent throughout. Minor localized gouge seams -- see point structure. Bounded by graphitic phyllite above and high density quartz veining bounding upper contact. Texture of phyllite is too fine-grained to determine exact composition. Frequent parasitic fold profiles and flexing in bedding.	MT-Phy		99.0%	n			co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6.1	27	Lim+rust alteration along fractures throughout QPC and qzvns	LIM	4	frac	b
6.1	27	Weak chl altered matrix and clast boundaries	chl	1	diss	g
6.1	27	Smgr of fspar clasts in QPC	fecb	2	smgr	bf
6.1	27	Smgr of fspar clasts In QPC and boxwork py in veins and along wallrock contact	LIM	3	smgr	b
16.8	19.45	Pervasive silicification of matrix and qzvns, blurring boudaries	SIL	3	perv	gy
27	39	Lim+rust alteration along fracture surfaces	LIM	2	frac	o-b
27	39	orange tinge to Qzvn due to lim alteration	LIM	2	vn	o
39	53.5	Smgr of fspar clasts in QPC	fecb	2	smgr	bf
39	53.5	Smgr of fspar clasts	LIM	3	smgr	b
39	53.5	Lim+rust alteration along fractures throughout QPC and qzvns	LIM	4	frac	b
39	53.5	Weak chl altered matrix and clast boundaries	chl	1	diss	g
53.5	60.85	Lim+rust altn along fractures and into wallrock neighbouring fracs	LIM	2	frac	b
53.5	60.85	Lim+rust along vn boundaries	LIM	2	vn	b
60.85	177	White carbonate alteration in thin sheeted and TVA veins throughout deformed phyllite	cbt	2	vn	w

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
61.5	61.8	Lim+rust staining throughout phyllite	LIM	3	perv	b
120.7	145.4	Black pervasive graphite alteration throughout phyllite, stronger in FZ+gouge	gf	2	perv	n
135	174.3	Vivid green chl (ep?) alteration along vn and selvedge in chaotically deformed qzvns	chl	2	vn	g
156.3	174	Black pervasive graphite alteration throughout phyllite, stronger in FZ+gouge	gf	2	perv	n
174	189.4	buffe-crème and white iron-carbonate wisps in deformed quartz veining in friable graphitic zone	fecb	2	vn	bf
189.4	197	white, acid soluble calcite wisps in deformed quartz veining	cbt	3	vn	w
189.4	197	pale crème wisps in deformed quartz veining in phyllite	fecb	1	vn	bf
196	197	green chlorite wisps in deformed quartz veining	chl	2	vn	g
197	222	acid-soluble, white calcite wisps in <1cm thick, white veinlets in phyllite unit	cbt	1	vn	w

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
27	39	QZVN	400.0%	BFZ	Broken, fragmented QZVN fault zone with lim alteration
27	39	FZ	400.0%	BFZ	Broken, fragmented QZVN fault zone with lim alteration
60.85	66.35	FZ	300.0%	BFZ	Broken, gouged phyllite fault zone
72	75	FZ	200.0%	BFZ	Broken, gouged phyllite fault zone
91.2	91.55	QZVN	300.0%	mass	Massive qzvns with carbonate alteration
103.4	103.6	QZVN	200.0%	TVA	2mm-2cm thick LowCA tension vein array with cbt alteration
109.1	115.6	FZ	300.0%	BFZ	Broken and gouged phyllite with a 30cm thick massive qzvn with stong cbt alteration at beginning of fault. End of fault is crushed/brecciated qtz and phyllite clast 2-5cm diameter
120.7	124.5	FZ	200.0%	BFZ	Broke, muddy gouge phyllite with minor qbx at end of FZ
140.8	148	SZ	300.0%	DBSZ	Sheared and deformed phyllite and sheeted vns. Chaotic boudinaged+truncated bedding+veining, chl and cbt alteration
142.6	143.1	QZVN	300.0%	bx	Strong brecciated cbt altered qzvns and bx'd phyllite
142.6	145.4	FZ	200.0%	BFZ	Stongly graphitic BFZ with QBX zone and gouge
168.7	170.2	QZVN	400.0%	bx	Intensely brecciated cbt/chl altered qzvns and bx'd phyllite
168.7	174	FZ	200.0%	BFZ	Broken, minor gouged phyllite BFZ
174	186.6	FZ	200.0%	BFZ	friable, but generally not fragmented graphitic phyllite unit
186.6	189.4	FZ	300.0%	BFZ	gouged, brokent and crushed graphitic phyllite

Mineralisation

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-002 **Grant No.:** YC72728

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From:	To:	Comments	Mineral	Percent	Distribution
6.1	27	Fgr blebs of asp in qzvns and along vn/wallrock boundaries	asp	0.1	vn
6.1	27	Mgr subhedral py xls in qzvns and along vn/wallrock boundaies	py	0.3	vn
27	46.65	Trace py throughout vn/wallrock contact	py	0.01	vn
27	46.65	Trace asp throughout vn/wallrock contact	asp	0.01	vn
46.65	60.85	Mgr subhedral py xls in qzvns and along vn/wallrock boundaies	py	0.2	vn
46.65	60.85	Fgr blebs of asp in qzvns and along vn/wallrock boundaries	asp	0.2	vn
60.85	69.95	Py min in phyllite gouge with qtz clasts	py	0.1	gouge
69.95	78.5	Py mineralisation along phyllite bedding/cleavage planes	py	0.01	fol
78.5	101	trace fine-grained disseminated pyrite in phyllite as rare localized occurences	py	0.01	diss
101	103.4	trace fine-grained disseminted pyrite in phyllite	py	0.01	diss
103.4	104.2	fine-grained disseminated pyrite in quart-iron-carbonate	py	0.1	vn
104.2	106.7	trace fine-grained disseminted pyrite in phyllite	py	0.01	diss
106.7	109.1	trace fine-grained disseminted pyrite in phyllite in fragmented quartz-iron-carbonate veinlets	py	0.01	vn
109.1	113.5	trace fine-grained disseminted pyrite in phyllite in gouge	py	0.01	gouge
113.5	114	lenselike stringer in sheeted, sheared quartz veining	py	0.5	vn
114	115.6	trace fine-grained disseminted pyrite in phyllite in gouge	py	0.01	gouge
115.6	120.7	trace fine-grained disseminated pyrite in phyllite	py	0.01	diss
120.7	124.5	trace fine-grained disseminted pyrite in gouged phyllite	py	0.01	gouge
123.9	123.95	arsenopyrite cluster in tension vein array at ~123.90m	py	10	vn
124.5	127	disseminated arsenopyrite in sheeted quartz-iron-carbonate veinlets	asp	0.05	vn
124.5	127	disseminated pyrite in sheeted quartz-iron-carbonate veinlets	py	0.1	vn
127	131	trace fine-grained disseminted pyrite in gouged phyllite	py	0.01	gouge
131	134.8	trace fine-grained disseminted aresenopyrite in gouged phyllite	asp	0.01	gouge
131	134.8	trace fine-grained disseminted pyrite in gouged phyllite	py	0.1	gouge
134.8	138	up to 0.5mm diameter arsenopyrite grains in broad quartz-iron-carbonate-chlorite veining in phyllite	asp	0.1	vn
134.8	138	pyrite blebs and vein contact concordant stringers in broad quartz-iron-carbonate(-chlorite) veining in phyllite	py	0.4	vn
138	142.6	trace fine-grained disseminated arsenopyrite in quartz-carbonate veining	asp	0.05	vn
138	142.6	up to 1cm thick pyrite stringers concordant to densely spaced sheeted quartz-carbonate veining	py	1	vn
142.6	143.1	fine-grained disseminated pyrite in sheared quartz veining	py	0.1	vn
143.1	145.4	trace fine-grained disseminated pyrite in phyllite gouge	py	0.01	gouge
145.4	147.8	trace fine-grained dissemianted pyrite in partially gouged phyllite	py	0.01	gouge
147.8	148.2	pyrite culsters in deformed quartz-iron-carbonate wedges	py	3	vn
148.2	153	trace fine-grained dissemianted pyrite in partially gouged phyllite	py	0.01	gouge
153	158.2	trace fine-grained disseminated pyrite in partially gouged phyllite	py	0.01	gouge
158.2	159.3	trace fine-grained disseminated pyrite in deformed quartz-iron-carbonate(-chlorite) veining	py	0.01	vn
159.3	168.7	trace fine-grained disseminated pyrite in deformed quartz-iron-carbonate-chlorite veining in partially gouged phyllite	py	0.01	vn
168.7	170.2	trace fine-grained disseminated pyrite in deformed, crush-gouged, densely spaced quartz-iron-carbonate(-chlorite) veining in phyllite	py	0.05	vn
170.2	178	trace fine-grained disseminated pyrite in friable, partially gouged, graphitic phyllite	py	0.01	diss
178	184.5	trace fine-grained disseminated pyrite in friable, partially gouged, graphitic phyllite	py	0.05	diss

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From:	To:	Comments	Mineral	Percent	Distribution
184.5	189.4	disseminated pyrite in fragmented quartz-iron-carbonate veining in gouged broken phyllite	py	0.2	vn
189.4	197	fine-grained disseminated pyrite in deformed quartz (iron-)carbonate veining	py	0.1	vn
197	204.6	trace fine-grained disseminate pyrite in phyllite matrix	py	0.05	diss
204.6	207.25	fine-grained dissemianted pyrite in axial planar quartz-carbonate veinlets	py	0.1	vn
207.25	213.4	occassional partially or fully penetrative up to 4mm thick, very fine-grained pyrite stringers that run concordant to So.	py	0.3	fol
213.4	217.8	occassional partially or fully penetrative up to 4mm thick, very fine-grained pyrite stringers that run concordant to So.	py	0.3	fol
214.4	217.8	trace fine-graine disseminated with pyrite along foliation in phyllite	asp	0.01	fol
217.8	222	trace fine-grained disseminated in phyllite	py	0.01	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
9	Veins			LIM	SHTV	50			1cm thick SHTV array
10	Veins			LIM	qzvn	10			1cm lim altered LCA qzvn
15	Veins				qzvn	30			3cm thickqzvn,g py boxwork altered by
15.6	Veins			LIM	SHTV	50			3 1-3cm thick vuggy lim altered qzvn
19.25	Veins			SIL	SHTV	65			1cm thick, 5 cm spaced SHTV vein array
19.25	Veins			SIL	qzvn	10			1cm thick qzvn
21.7	Veins				qzvn	80			4cm thick qzvn
42.5	Veins			LIM	qzvn	40			1cm thick lim altered qzvn
42.5	Cleavage		Sx		FOL	80			Aligned stretched QPC clasts
50.15	Veins				qzvn	5			0.5cm thick LCA vein
55.25	Veins				SHTV	50			1cm thick, 5 cm spaced SHTV vein array
60.7	Veins				SZB	15			TVA shear zone boundary
62.8	Faults			LIM	Gouge				lim altered phyl gouge
66.1	Faults				Gouge				Muddy phyl gouge
69.5	Cleavage		So			60			Phyllite/SLT compositional bedding/cleavage
70.3	Cleavage		So	py		55			Massive py mineralized SLT bed in phyllite unit
75.85	Cleavage		So			60			Compositional phyl/SLT bedding/cleavage
76.3	Cleavage		Sx			50			Semi penetrative black seams
81.1	Axial Plane				FOL	5			Folded qzvns, connected fold hinge
81.3	Veins			cbt	SHTV	80			3 1-2mm thick cbt altered shTV qzvns
89.7	Cleavage	55	So			55			Phyllite/SLT compositional bedding/cleavage, angle bw AXP and bedding is 80
89.7	Axial Plane	25			FOL	25			Folded bedding/cleavage, angle bw AXP and bedding is 80
90.3	Veins			cbt	SHTV	90			5 3mm thick cbt altered SHTV qzvns
90.8	Cleavage		So			40			Compositional phyl/SLT bedding/cleavage
93.5	Veins				SHTV	20			6 1mm thick 2cm spaced SHTV qzvns
103.4	Veins			cbt	SZB	10			2mm-2cm thick TVA array, SZB measurement
104.5	Veins			cbt	SHTV	25			2mm thick SHTV array
108.5	Veins			cbt	qzvn	50			4mm thick cbt altered qzvn

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
108.5	Veins			cbt	qzvn	20			2mm thick cbt altered qzvn
111.5	Faults			qtz	Gouge				phyl/qtz bx gouge
117.36	Veins				SHTV	50			5mm thick SHTV qzvn array
117.36	Cleavage		So			80			phyllite compositional bedding
117.9	Cleavage		So			80			phyllite compositional bedding
117.9	Veins			cbt	SHTV	65			4mm thick, 5cm spaced cbt altered sheeted qzvns
122	Faults			gf	Gouge				gf phyl gouge zone
122.9	Faults				Gouge				phyl gouge zone
123.3	Faults				Gouge				phyl gouge zone
123.68	Cleavage		So			60			phyllite compositional bedding
126.9	Veins				SHTV	65			5mm thick, 5cm spaced cbt altered, pinched off SHTV
130	Faults			gf	Gouge				gf phyl gouge zone
131.65	Cleavage		So			60			phyllite compositional bedding
132.6	Faults			gf	Gouge				gf phyl gouge zone
133.7	Veins			cbt	qzvn	45			1.2cm thick deformed cbt altere qzvn. Nearby is large angular clasts of qtz within phyllite
136.25	Veins			cbt	SHTV	30			5cm thick, 5-20cm spaced cbt altered white qzvns
140.75	Veins			cbt	SHTV	45			2 1-2cm thick cbt altered sheeted vns
142.75	Veins			cbt	QBX				Brecciated qtz and phyllite zone with strong cbt alteration
144.7	Faults			gf	Gouge				phyl gouge
147.17	Veins				SHTV	65			8 2mm thick chlorite altered, 2-5cm spaced qzvns
147.35	Cleavage		S1		FOL	70			Penetrative wispy bedding and deformed qzvns
150.45	Faults			qtz	QBX				Quartz breccia gouge
150.65	Faults			qtz	QBX				Quartz breccia gouge
151.8	Cleavage		Sx		FOL	50			penetrative fabric throughout phyl bedding
153.2	Veins			chl	qzvn	75			2mm thick chl altered qzvn
153.2	Axial Plane				FOL	25			Measurement by connecting qzvn fold hinges
156	Faults			gf	Gouge				gf phyl gouge
158.1	Cleavage		So			70			compositional phyl bedding/cleavage
158.5	Axial Plane				FOL	0			
158.8	Veins				qzvn	15			6cm thick massive qtz vein, unaltered
160.22	Cleavage		So			30			compositional phyl bedding/cleavage
160.8	Cleavage		So			30			compositional phyl bedding/cleavage, angle bw S1 and So is 35
160.8	Cleavage		S1		FOL	75			Penetrative wispy fabric cutting phyl bedding/cleavage, angle bw S1 and So is 35
161.5	Veins			cbt	SHTV	40			1cm thick, 1-2cm spaced chaotically deformed cbt altered shtv
164.75	Cleavage		So			90			compositional phyl bedding/cleavage, angle bw S1 and So is 40
164.75	Cleavage		S1		FOL	50			Penetrative seams
169	Faults			qtz	Gouge				qtz breccia/phyl gouge
169.7	Faults				QBX				qtz breccia
170.3	Veins			chl	qzvn	15			4cm thick minor chl altered vn

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
171.5	Faults				QBX				phy/qtz gouge
171.5	Faults				Gouge				phy/qtz gouge
174.2	Veins			chl	SHTV	55			2cm thick strongly chl altered qzvn in a sheeted array
175.05	Veins				SZB	30			Orientation of shear zone boundary of TVA qzvns
175.55	Faults			gf	Gouge				gf phyl/ gouge
176.4	Bedding		So			20			compositional bedding in friable graphitic phyllite
181.65	Veins					30			multiply folded vein seam in friable graphitic phyllite; intersects So at 20 degrees
181.65	Bedding		So			20			compositional bedding in friable graphitic phyllite
183.5	Cleavage		S1			40			S1 intersects So at 70 degrees
183.5	Bedding		So			20			compositional bedding in friable graphitic phyllite
185.5	Veins			fecb	SHTV	30			deformed, densely spaced quartz-iron-carbonate veinlets in friable, graphitic phyllite over 60cm width
189.4	Faults				Gouge	25			lower contact of friable graphitic zone against competent phyllite
189.4	Contact				Gouge	25			lower contact of friable graphitic zone against competent phyllite
189.4	Veins				SHTV	25			densely spaced paralellel veinlets at gouge contact
190	Bedding		So			60			compositional bedding in phyllite
190	Cleavage		S1			40			S1 intersects So at 20 degrees
192	Veins			fecb	TVA	70			mulitple, densely spaced tension vein arrays over 30cm width
192.7	Veins			cbt	SHTV	70			3 deformed vein wedges over 10cm width
192.8	Veins			cbt	SHTV	20			three 1-2cm thic veins over 50cm width
193	Cleavage		S1			70			S1 intersect So at right angles
193	Bedding		So			20			compositional bedding in phyllite
194	Bedding		So			20			compositional bedding in phyllite
194	Cleavage		S1			60			S1 intersects So at 45 degrees
194.7	Bedding		So			0			compositional bedding in phyllite
195.6	Bedding					20			compositional bedding in phyllite
196	Veins					45			compositional bedding in phyllite
196.3	Bedding		So			40			compositional bedding in phyllite
196.6	Veins			chl	bx matrix	50			upper contact of 15cm thick quartz vein with angular phyllite clast inclusions
196.6	Contact			chl	bx matrix	50			upper contact of 15cm thick quartz vein with angular phyllite clast inclusions
196.75	Veins			chl	bx matrix	85			lower contact of 15cm thick quartz vein with angular phyllite clast inclusions
196.75	Contact			chl	bx matrix	85			lower contact of 15cm thick quartz vein with angular phyllite clast inclusions
196.9	Veins			chl	AXP	85			two 2-4cm thick quartz-chlorite veins that run axial planar parallel to closed parasitic fold profile in phyllite
196.9	Veins			chl	SHTV	85			two 2-4cm thick quartz-chlorite veins that run axial planar parallel to closed parasitic fold profile in phyllite
197.1	Bedding		So			40			compositional bedding in phyllite
199	Bedding		So			80			compositional bedding in phyllite
200.9	Bedding		So			90			compositional bedding in phyllite
201.09	Cleavage		S1			90			closed fold profile
201.1	Axial Plane		Fx			90			closed fold profile

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-002 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 160 **EOH:** 222

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
201.1	Bedding		So			0			on closed fold profile
203	Bedding		So			50			compositional bedding in phyllite
203.3	Veins			py	FOL	50			1cm thick quartz-pyrite-carbonate veinlet concordant to So
204	Bedding		So	py		60			pyrite stringers concordant to So
205.2	Bedding		So			40			compositional bedding in phyllite
205.4	Veins				SHTV	60			several quartz-carbonate (<1cm thick) veins that run axial planar to cink-folding in So and generally intersect So at right angles. ~ 10 veins over 1m width. So generally 40-50TCA
205.4	Veins				AXP	60			several quartz-carbonate (<1cm thick) veins that run axial planar to cink-folding in So and generally intersect So at right angles. ~ 10 veins over 1m width. So generally 40-50TCA
206.3	Bedding		So			50			compositional bedding in phyllite
207.25	Faults				FOL	40			friable gouge wedge concordant to So
207.25	Faults				Gouge	40			friable, 10cm thick gouge wedge concordant to So
208	Bedding		So			65			compositional bedding in phyllite
211.6	Veins			py	FOL	70			compositional bedding in phyllite
211.6	Bedding		So	py		70			compositional bedding in phyllite
212	Veins				AXP	60			<1cm thick veinlets that run axial planar parallel to cink folding in So and intersect So at 80 degrees; 10 veinlets over 1m width
212	Veins				SHTV	60			<1cm thick veinlets that run axial planar parallel to cink folding in So and intersect So at 80 degrees
212	Bedding		So			45			compositional bedding in phyllite
213.4	Faults				Gouge	40			3.5cm thick gouge wedge concordant to So
213.4	Faults				FOL	40			3.5cm thick gouge wedge concordant to So
215.1	Veins			py	FOL	60			multiple, densely spaced semi-massive pyrite stringers concordant to So over 10cm width
216	Bedding		So			50			compositional bedding in phyllite
217.5	Bedding		So			45			compositional bedding in phyllite
221	Bedding		So			50			compositional bedding in phyllite
221.4	Bedding		So			50			compositional bedding in phyllite
221.4	Veins			fecb	Veinlets	40			multiple iron-carbonate seams that off-set So by 1-2mm; So and veins intersect at right angles
221.4	Faults			fecb	Veinlets	40			multiple iron-carbonate seams that off-set So by 1-2mm; So and veins intersect at right angles

Assay Samples

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-002 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 160 **EOH:** 222

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29612	6.1	9	2011	Expl Geochem	H-split	MT-CO.pbl
29613	9	10	2011	Expl Geochem	H-split	MT-CO.pbl
29614	10	12	2011	Expl Geochem	H-split	MT-CO.pbl
29615	12	14	2011	Expl Geochem	H-split	MT-CO.pbl
29616	14	16	2011	Expl Geochem	H-split	MT-CO.pbl
29617	16	18	2011	Expl Geochem	H-split	MT-CO.pbl
29618	18	19	2011	Expl Geochem	H-split	MT-CO.pbl
29619	19	21	2011	Expl Geochem	H-split	MT-CO.pbl
29620	21	23	2011	Expl Geochem	H-split	MT-CO.pbl
29621	23	27	2011	Expl Geochem	H-split	MT-CO.pbl
29622	27	30	2011	Expl Geochem	H-split	QZVN
29623	30	33	2011	Expl Geochem	H-split	QZVN
29624	33	36	2011	Expl Geochem	H-split	QZVN
29625	36	37	2011	Expl Geochem	H-split	QZVN
29626	37	38	2011	Expl Geochem	H-split	QZVN
29627	38	39	2011	Expl Geochem	H-split	QZVN
29628	39	42	2011	Expl Geochem	H-split	MT-CO.pbl
29629	42	45	2011	Expl Geochem	H-split	MT-CO.pbl
29630	45	47	2011	Expl Geochem	H-split	MT-CO.pbl
29631	45	47	2011	DUP	Q-Split	MT-CO.pbl
29632	45	47	2011	Blank	LWS_2011	MT-CO.pbl
29633	47	48	2011	Expl Geochem	H-split	MT-CO.pbl
29634	48	50.15	2011	Expl Geochem	H-split	MT-CO.pbl
29635	50.15	52	2011	Expl Geochem	H-split	MT-CO.grn
29636	52	54	2011	Expl Geochem	H-split	MT-CO.grn
29637	54	56	2011	Expl Geochem	H-split	MT-CO.grn
29638	56	58	2011	Expl Geochem	H-split	MT-CO.grn
29639	58	60	2011	Expl Geochem	H-split	MT-CO.grn
29640	60	60.85	2011	Expl Geochem	H-split	MT-CO.grn
29641	60.85	63	2011	Expl Geochem	H-split	MT-Phy
29642	63	66	2011	Expl Geochem	H-split	MT-Phy
29643	66	67	2011	Expl Geochem	H-split	MT-Phy
29644	67	69	2011	Expl Geochem	H-split	MT-Phy
29645	69	71	2011	Expl Geochem	H-split	MT-Phy
29646	71	73	2011	Expl Geochem	H-split	MT-Phy
29647	73	75	2011	Expl Geochem	H-split	MT-Phy
29648	75	77	2011	Expl Geochem	H-split	MT-Phy
29649	77	79	2011	Expl Geochem	H-split	MT-Phy
29650	79	81	2011	Expl Geochem	H-split	MT-Phy

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-002 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 160 **EOH:** 222

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29651	81	83	2011	Expl Geochem	H-split	MT-Phy
29652	83	85	2011	Expl Geochem	H-split	MT-Phy
29653	85	87	2011	Expl Geochem	H-split	MT-Phy
29654	87	89	2011	Expl Geochem	H-split	MT-Phy
29655	89	91	2011	Expl Geochem	H-split	MT-Phy
29656	91	93	2011	Expl Geochem	H-split	MT-Phy
29657	93	95	2011	Expl Geochem	H-split	MT-Phy
29658	95	97	2011	Expl Geochem	H-split	MT-Phy
29659	97	99	2011	Expl Geochem	H-split	MT-Phy
29660	99	101	2011	Expl Geochem	H-split	MT-Phy
29661	101	103	2011	Expl Geochem	H-split	MT-Phy
29662	103	105	2011	Expl Geochem	H-split	MT-Phy
29663	105	107	2011	Expl Geochem	H-split	MT-Phy
29664	107	109.1	2011	Expl Geochem	H-split	MT-Phy
29665	109.1	111	2011	Expl Geochem	H-split	MT-Phy
29666	111	113	2011	Expl Geochem	H-split	MT-Phy
29667	113	115.6	2011	Expl Geochem	H-split	MT-Phy
29668	113	115.6	2011	STND	CDN-GS-8B	MT-Phy
29669	113	115.6	2011	DUP	Q-Split	MT-Phy
29670	115.6	117	2011	Expl Geochem	H-split	MT-Phy
29671	117	119	2011	Expl Geochem	H-split	MT-Phy
29672	119	120.7	2011	Expl Geochem	H-split	MT-Phy
29673	120.7	123	2011	Expl Geochem	H-split	MT-Phy
29674	123	124.5	2011	Expl Geochem	H-split	MT-Phy
29675	124.5	126	2011	Expl Geochem	H-split	MT-Phy
29676	126	128	2011	Expl Geochem	H-split	MT-Phy
29677	128	130	2011	Expl Geochem	H-split	MT-Phy
29678	130	132	2011	Expl Geochem	H-split	MT-Phy
29679	132	134	2011	Expl Geochem	H-split	MT-Phy
29680	134	136	2011	Expl Geochem	H-split	MT-Phy
29681	136	138	2011	Expl Geochem	H-split	MT-Phy
29682	138	140	2011	Expl Geochem	H-split	MT-Phy
29683	140	142	2011	Expl Geochem	H-split	MT-Phy
29684	142	144	2011	Expl Geochem	H-split	MT-Phy.gf
29685	144	145.4	2011	Expl Geochem	H-split	MT-Phy.gf
29686	145.4	147	2011	Expl Geochem	H-split	MT-Phy.gf
29687	147	149	2011	Expl Geochem	H-split	MT-Phy.gf
29688	149	151	2011	Expl Geochem	H-split	MT-Phy.gf
29689	151	153	2011	Expl Geochem	H-split	MT-Phy.gf

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** North Zone **Hole ID:** 3ANZ-11-002 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 160 **EOH:** 222

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29690	153	155	2011	Expl Geochem	H-split	MT-Phy.gf
29691	155	157	2011	Expl Geochem	H-split	MT-Phy.gf
29692	157	159	2011	Expl Geochem	H-split	MT-Phy.gf
29693	159	161	2011	Expl Geochem	H-split	MT-Phy.gf
29694	161	163	2011	Expl Geochem	H-split	MT-Phy.gf
29695	163	165	2011	Expl Geochem	H-split	MT-Phy.gf
29696	165	167	2011	Expl Geochem	H-split	MT-Phy.gf
29697	167	168.7	2011	Expl Geochem	H-split	MT-Phy.gf
29698	168.7	170.2	2011	Expl Geochem	H-split	QZVN
29699	170.2	172	2011	Expl Geochem	H-split	MT-Phy.gf
29700	172	174	2011	Expl Geochem	H-split	MT-Phy.gf
29701	174	176	2011	Expl Geochem	H-split	MT-Phy.gf
29702	176	178	2011	Expl Geochem	H-split	MT-Phy.gf
29703	178	180	2011	Expl Geochem	H-split	MT-Phy.gf
29704	180	182	2011	Expl Geochem	H-split	MT-Phy.gf
29705	180	182	2011	DUP	Q-Split	MT-Phy.gf
29706	180	182	2011	Blank	LWS_2011	
29707	182	184	2011	Expl Geochem	H-split	MT-Phy.gf
29708	184	186	2011	Expl Geochem	H-split	MT-Phy.gf
29709	186	188	2011	Expl Geochem	H-split	MT-Phy.gf
29710	188	189.4	2011	Expl Geochem	H-split	MT-Phy.gf
29711	189.4	190.5	2011	Expl Geochem	H-split	MT-Phy.gf
29712	190.5	192	2011	Expl Geochem	H-split	MT-Phy
29713	192	194	2011	Expl Geochem	H-split	MT-Phy
29714	194	195	2011	Expl Geochem	H-split	MT-Phy
29715	195	196.4	2011	Expl Geochem	H-split	MT-Phy
29716	196.4	197	2011	Expl Geochem	H-split	QZVN
29717	197	199	2011	Expl Geochem	H-split	MT-Phy
29718	199	201	2011	Expl Geochem	H-split	MT-Phy
29719	201	203	2011	Expl Geochem	H-split	MT-Phy
29720	203	205	2011	Expl Geochem	H-split	MT-Phy
29721	205	207	2011	Expl Geochem	H-split	MT-Phy
29722	207	209	2011	Expl Geochem	H-split	MT-Phy
29723	209	211	2011	Expl Geochem	H-split	MT-Phy
29724	211	213	2011	Expl Geochem	H-split	MT-Phy
29725	213	215	2011	Expl Geochem	H-split	MT-Phy
29726	215	217	2011	Expl Geochem	H-split	MT-Phy
29727	217	219	2011	Expl Geochem	H-split	MT-Phy
29728	219	221	2011	Expl Geochem	H-split	MT-Phy

Project:	NTR3A	Prospect:	North Zone	Hole ID:	3ANZ-11-002	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	75	160	222				

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29729	221	222	2011	Expl Geochem	H-split	MT-Phy

Road Showing

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-00 **Grant No.:** YD07111

Location

Easting:	Northing:	Latitude:	Longitude:
535591.0	6841952.0		

Elevation: 1030 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 170
EOH: 225.0 m
Core Size: HQ

Start Date: 14/10/2011
Finish Date: 17/10/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	59.5	169.6	57036	Reflex	1
72	72	169	57017	Reflex	3
123	59.7	173	57139	Reflex	1
174	61.5	176.6	56857	Reflex	1
225	61.8	181.8	57041	Reflex	1

Objective:

The objective of this hole is to test the original 3Ace 'Road Showing'. The hole is a wildcat hole at the excavated showing and along strike of the fabric to the northwest

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6		CASING		100.0%				co	1
6	12.2	Green-gy phyllite unit. Intense sericite altn from 6-7.5m. Unit is broken and gouged with mud coating.	MT-Phy		100.0%	g-gy			br	3
12.2	20.4	Grey Qtz-phyl breccia zone, silicified with py mineralisation	QZVN	bx	5.0%	gy			co	4
12.2	20.4	Intensely deformed black phyllite with Qtz Bx @ 13.90-14.30m. Phyllite is also brecciated in areas with gouge and mud coating	MT-Phy	gf	95.0%	n			fr	3
20.4	25.2	Grey pbl QPC. Weak-moderate shear causing aligment of clasts. Wcy and fecb alteration of smgr fspar clasts. Chlorite along stringers and semi penetrative seams (sericite seams). Clasts: Subangular, elongated, 95% qtz, 4% fspar, 1% lithics (phyl clasts)	MT-CO	pbl	100.0%	gy	qtz	95	co	2
25.2	26.1	Intensely broken/fragmented phyllite lens with graphitic gouge/coating.	MT-Phy	gf	100.0%	n			fr	4
26.1	41.85	Grey cgr SS with intense silicification. Local areas of green tinge from chl/ser alteration. Beige fecb alteration of fspar clasts and filled qzvns	MT-SS	cgr	40.0%	gy-g			co	1
26.1	41.85	Grey pbl QPC. Weak-no shear. Wcy and fecb alteration of smgr fspar clasts. Minor chlorite sericite along seams. Strong-intense grey silicification of matrix blurring grain and vein boundaries. Clasts: Subangular, elongated, 95% qtz, 4% fspar, 1% lithics (phyl clasts)	MT-CO	pbl	60.0%	gy	qtz	95	co	1
41.85	47.6	Gouged black phyllite lens sericite alteration along bedding/cleavage	MT-Phy		100.0%	n			lc	3
47.6	92.5	Grey pbl QPC. Weak-no shear. Wcy and fecb alteration of smgr fspar clasts. Minor chlorite sericite along seams. Weak grey silicification of matrix. Lim alteration along natural fractures. Clasts: Subangular, elongated, 95% qtz, 4% fspar, 1% lithics (phyl clasts)	MT-CO	pbl	30.0%	gy			co	1
47.6	92.5	Grey cgr SS with weak silicification. Local areas of green tinge from chl/ser alteration. Beige fecb alteration of fspar clasts and filled qzvns Lim alteration along fractures	MT-SS	cgr	70.0%	gy			co	1
92.5	95.7	Deformed sheeted qzvns 0.5-5cm thick with chl alteration and semi massive fgr py mineralisation	QZVN		10.0%	w			fr	3
92.5	95.7	Deformed graphitic black phyllite with chaotic qzvns. Chl alteration of qzvns with semi massive py mineralisation	MT-Phy		90.0%	n			fr	3
95.7	152.9	Competent/broken black phyllite. Low core angle bedding with cross cutting foliation visible as wispy flares off bedding planes. Chl and fecb alteration of deformed thin qzvns	MT-Phy		100.0%	n			co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-001 **Grant No.:** YD07111

Plunge: 60 **Azimuth:** 170 **EOH:** 225

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
152.9	170.25	Grey-green cgr SS with penetrative pressure solution fabric. Pervasive sericite alteration throughout matrix. Weak lim alteration coating penetrative seams. Fecb altered TVA and SHTV qzvns throughout	MT-SS	cgr	100.0%	gy-g			co	3
170.25	171	Broken and gouge black phyllite fault with chaotic qzvning and QBX	MT-Phy	gf	15.0%	n			co	3
170.25	171	Brecciated Qtz and chaotically deformed qzvns with	QZVN		20.0%	w			co	3
170.25	171	Modified by CRB. This short interval is faulted, grey sandstone with granule clasts. Phyllite beds are a minor component that have been the locus of gouge development during deformation. The quartz appears to be a TVA that has been rotated and deformed after it's initial formation. This brief interval likely represents a narrow, moderately dipping brittle fault zone.	MT-SS		65.0%	gy	qtz	5	co	3
171	171.65	Grey-green cgr SS with penetrative pressure solution fabric. Pervasive sericite alteration throughout matrix. Weak lim alteration coating penetrative seams. Fecb altered TVA and SHTV qzvns throughout	MT-SS	cgr	100.0%	gy-g			co	3
171.65	199.7	TVA and SHTV cbt/fecb altered qzvns	QZVN		5.0%	w			co	2
171.65	199.7	Grey-green cgr SS with penetrative pressure solution fabric. Mod-strong pervasive sericite alteration throughout matrix. Fecb/cbt altered TVA and SHTV qzvns throughout	MT-SS	cgr	15.0%	gy-g			co	2
171.65	199.7	Moderately foliated QPC with semi penetrative seams. Local alignment of clasts. Pervasive grey-green alteration of matrix and clasts - chl and ser alteration. Wcy alteration of fspar clasts with chl overprint. Fecb/cbt altered TVA and SHTV qzvns throughout Clasts: Subangular, moderate elongation, 90% qtz, 7% fspar, 3% lithics (phyllite clasts). Higher degree of phyl clasts and seams than other previous QPC units.	MT-CO	pbl	80.0%	gy-g			co	2
199.7	225	Highly folded competent black phyllite	phyl		100.0%	n			co	3

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	12.2	Pervasive sericite alteration of phyllite	ser	3	perv	g
13.9	14.3	Buff-Tan fecb alteration along matrix and clast boundaries	fecb	1	diss	bf
13.9	14.3	Strongly silicified Qzt Bx zone	SIL	3	perv	gy
20.4	25.2	Fecb alteration of smgr fspar clasts, overprinting wcy altn	fecb	2	smgr	bf
20.4	25.2	Weak pervasive silicification of QPC matrix	SIL	1	perv	gy
20.4	25.2	Wcy alteration of smgr fspar clasts	cy	2	smgr	w
25.2	26.1	Wcy alteration in graphitic gouge zone	cy	1	gouge	w
26.1	41.85	Fecb overprinting of wcy smgr fspar clasts	fecb	2	smgr	bf
26.1	41.85	Brown lim alteration along natural fractures	LIM	1	frac	b
26.1	41.85	Minor wcy alteration of smgr fspar clasts	cy	1	smgr	w
26.1	62.35	Grey pervasive silicification of SS and QPC	SIL	3	perv	gy
26.1	41.85	Ser alteration of matrix and clast boundaries	ser	1	diss	g
41.85	76.9	Mod-strong brown lim+rust alteration along natural fractures and coating sericite perssure solution seams	LIM	2	frac	b
41.85	62.35	Chl alteration along stringers and sericite alteration throughout QPC/SS matrix creating semi penetrative pressure solution seams	ser	3	diss	g
62.35	90	Weak pervasive silicification of QPC matrix	SIL	1	perv	gy
90	92.5	Grey pervasive silicification of SS and QPC	SIL	3	perv	gy
92	92.5	Sericite alteration throughout QPC/SS matrix creating semi penetrative pressure solution seams	ser	3	diss	g
92.5	95.7	Bf fecb along deformed qzvns in phyllite	fecb	1	vn	bf

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-001	Grant No.:	YD07111
	Plunge:	Azimuth:	EOH:				
	60	170	225				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
92.5	95.7	Green chl alteration along deformed qzvns in phyllite	chl	2	vn	g
95.7	150.66	Weak fecb along thin qzvns in competent black phyllite	fecb	1	vn	bf
150.66	152.9	Chl alteration along deformed qzvns and selvedge in FZ	chl	2	vn	g
150.66	162.66	Weak fecb alteration along TVA and SHTV qzvns	fecb	1	vn	bf
150.66	171.65	Sericite alteration throughout SS matrix creating penetrative pressure solution seams. Locally, SS is completely altered by sericite blurring matrix and clasts	ser	3.5	diss	g
168	168.5	Buff fecb alteration along pressure solution seams	fecb	2	fol	bf
171.65	199.7	Buff fecb altered fspar clasts	fecb	1	smgr	bf
171.65	199.7	wcy altered fspar clasts	cy	1	smgr	w
171.65	199.7	Sericite alteration throughout SS/QPC matrix creating penetrative pressure solution seams.	ser	2	diss	g
171.65	199.7	Mod pervasive chl alteration of matrix and fspar clasts with chl halos around qtz clasts	chl	2	perv	g
171.65	199.7	White cbt alteration along TVA and SHTV qzvns in SS/QPC	cbt	1	vn	w
171.65	199.7	Buff fecb alteration along TVA and SHTV qzvns in SS/QPC	fecb	1	vn	bf
178.4	180	Pervasive grey silicification of QPC dissolving the majority of the host rock, replacing with silica. QPC in this zone is vuggy. Blurring grain boundaries and older qzvns	SIL	4	perv	gy
180	193	Mod perv grey sil in Shear Zone	SIL	2	perv	gy
193	193.5	Pervasive grey silicification of QPC dissolving the majority of the host rock, replacing with silica. Blurring grain boundaries and older qzvns	SIL	4	perv	gy
199.7	225	Fecb alteration of deformed qzvns in phyl	fecb	1	vn	bf
199.7	211.3	chl alteration of deformed qzvns in phyl	chl	1	vn	g

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
7.5	20.4	FZ	300.0%	BFZ	Broken/gouged graphitic black phyllite. Intensely folded and deformed in areas. Qtz bx zone from 13.9-14.3m.
13.9	14.3	QZVN	300.0%	bx	Quartz Breccia. Strong silicification and fecb alteration in matrix and clast boundaries
25.2	26.1	FZ	400.0%	BFZ	Graphitic brecciated phyllite gouge zone with minor wcy alteration
56	58.85	FZ	200.0%	BFZ	Blocky QPC with mod gouge, lim alteration along fractures
92.5	95.7	QZVN	300.0%	BFZ	Quartz vein fault zone in deformed phyllite
102.75	105.05	FZ	200.0%	BFZ	Broken, minor gouged phyllite fault
120.4	121.1	FZ	200.0%	BFZ	Gouged phyl fault zone parallel to So located within a fold hinge
125	128.7	FZ	200.0%	BFZ	Broken, minor gouged phyllite fault
133.4	133.7	FZ	300.0%	BFZ	Broken/gouged weakly graphitic phyllite fault
148.7	149	FZ	200.0%	BFZ	Chaotically deformed phyllite with broken sheeted qzvns
149.6	150	FZ	200.0%	BFZ	Chaotically deformed phyllite with broken sheeted qzvns
150.66	152.9	FZ	300.0%	BFZ	Broken/fragmented interbedded phyllite, sericitized cgr SS and deformed sheeted qzvns
150.66	152.9	QZVN	300.0%	BFZ	Deformed chl altered qzvns and minor qzt bx throughout fault zone
170.25	171	QZVN	200.0%	BFZ	Brecciated and veins phyl fault zone
170.25	171	FZ	200.0%	BFZ	Broken/gouged phyl fault zone with qzvns and qbx. See my modified comments in the lithology section for this fault zone.

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Plunge:	Azimuth:	EOH:
60	170	225

From	To	Mineral	Intensity	Distribution	Comments
178.4	179.8	SZ	300.0%	DBSZ	Strong ribboned sheeted qzvns and TVA array, highly silicified
179.8	184.85	SZ	200.0%	TVA	Shear zone in QPC/SS with chl altered TVA qzvns and offset SHTVs. QPC clasts are elongated and aligned. Mod-strong silicification blurring grain boundaries and blurring older qzvns
200.5	201.4	FZ	200.0%	BFZ	Phyl fault zone with gouge
210	211	SZ	200.0%	DBSZ	Shear zone in black phyl with chl altered TVA qzvns
217	219	FZ	200.0%	BFZ	Phyl fault zone with gouge

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
6	13.9	Sub-euh vein pyrite in deformed qzvns throughout phyllite	py	0.2	vn
13.9	14.3	Fgr asp between qtz clasts along chl seams	asp	0.2	vn
13.9	14.3	Fgr py between qtz clasts along chl seams	py	0.5	vn
14.3	20.4	Sub-euh vein pyrite in deformed qzvns and brecciated fragments throughout phyllite	py	0.2	vn
20.4	21.5	Fgr diss sulphides in chloritic matrix in QPC	py	0.4	fol
20.4	21.5	Fgr diss sulphides in chloritic matrix in QPC	asp	0.1	fol
21.5	25	Fgr diss sulphides in chloritic matrix in QPC	asp	0.01	fol
21.5	25	Fgr diss sulphides in chloritic matrix in QPC	py	0.01	fol
25.2	26.1	Up to 0.5mm grains in gouged friable phyllite	py	0.1	gouge
26.1	36.9	Trace fgr diss asp in QPC unit with locally stetched aligned qtz clasts	asp	0.01	diss
26.1	36.9	Trace fgr diss py in QPC unit with locally stetched aligned qtz clasts	py	0.05	diss
36.9	41.85	Trace fgr diss py in QPC unit with locally stetched aligned qtz clasts	py	0.05	diss
36.9	41.85	Trace fgr diss asp in QPC unit with locally stetched aligned qtz clasts	asp	0.01	diss
41.85	47.6	Trace fgr diss in gouged phyllite breccia	py	0.01	diss
47.6	56	Very fine grained together with py in aligned dark grey matrix seams in QPC with stretched aligned qtz clasts (very low recovery)	py	3	fol
47.6	56	Very fine grained together with asp in aligned dark grey matrix seams in QPC with stretched aligned qtz clasts (very low recovery)	asp	1	fol
56	62.28	Trace fgr diss py in silicifed and sericitized and limonized SS	py	0.01	diss
62.28	66.76	Trace fgr diss py in silicifed and sericitized SS	py	0.01	diss
66.76	76.9	Trace fgr diss py in silicified SS	py	0.05	diss
76.9	82.4	Trace fgr diss py in silicifed and sericitized SS	py	0.01	diss
82.4	85.07	Trace fgr diss py in silicifed and sericitized SS	py	0.01	diss
85.07	92.5	Trace fgr diss py in SS and QPC sequence	py	0.01	diss
92.5	95.7	Diss py in deformed qtz-fecb veining	py	0.4	vn
92.5	95.7	Py clusters concordant to flex folded compositional bedding	py	3	fol
95.7	102.75	Up to 6mm thick semi massive vfgr py stringers and clusters aligned concordant to bedding	py	0.6	fol
102.75	105.05	Up to 0.5mm py grains in friable gouged phyllite	py	0.5	gouge
105.05	109.5	Trace vfgr diss py in phyllite along So	py	0.01	fol
109.5	120.4	Trace vfgr diss py in phyllite	py	0.01	diss
120.4	121.1	Up to 1mm diameter py densely diss in gouge on fold hinge in phyl	py	1	gouge
129	131.9	Elongated py clusters in deformed So concordant qtz fecb veinlets	py	2	vn

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Plunge:	Azimuth:	EOH:
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From:	To:	Comments	Mineral	Percent	Distribution
131.9	133.4	Up to 1mm diameter py in partially penetrating qtz-fecb seams	py	0.05	vn
133.4	133.7	Trace fgr diss py in crushed phyl	py	0.01	diss
133.7	140.7	Fgr diss with fecb seams concordant to So	py	0.1	fol
140.7	148.7	Fgr semi massive py clusters and up to 5mm stringer bands aligned along So in phlyl	py	0.5	fol
148.7	149	Semi massive vfgr py bands concordant with So	py	5	fol
149.6	150	Cgr py in crushed qtz-cbt vein	py	5	vn
150.66	152.9	Diss py in densely spaced qtz-cbt veining in fault zone	py	0.2	vn
152.9	159.44	Trace fgr py in silicified and sericitized SS	py	0.01	diss
159.44	164.74	Trace fgr py in silicified and sericitized SS	py	0.01	diss
164.74	170.25	Trace fgr py in silicified, sericitized and chloritized SS	py	0.01	diss
170.25	171.65	diss in deformed qtz-cbt veining	py	0.1	vn
170.25	171.65	Densely diss in crush gouge phyl	py	0.4	gouge
171.65	178.4	Trace fgr py in silicified, sericitized QPC	py	0.01	diss
178.4	184.85	Trace fgr diss py in vein seams in silicified and sericitized SS and QPC	py	0.01	vn
184.85	193.33	Trace fgr diss py in weakly sericitized QPC	py	0.01	diss
193.33	197.5	Fgr diss py in silicified and sericitized QPC	py	0.05	diss
193.33	197.5	Thin py stringers in phyl interbeds concordant to So	py	0.05	fol
197.5	200.5	Rare 2mm diameter euh py grains in matrix	py	0.01	diss
200.5	201.4	Up to 1mm diameter py in crushed qtz-cbt veining	py	0.1	vn
201.4	205.33	Rare fgr semi massive clusters aligned along So	py	0.1	fol
205.33	205.35	Up to 1mm diameter grains in friable phyl wedge	py	10	gouge
205.35	210.1	Small fgr clusters in So concordant qtz-cbt veinlets	py	0.3	vn
210.1	211.15	fgr diss in qtz-cbt TVA	py	0.1	vn
210.1	211.15	Fgr semi massive clusters aligned along So	py	0.1	fol
211.15	213.65	Fgr diss in So concordant qtz-cbt veinlets	py	0.1	vn
213.65	225	Trace eug py along thin qtz-fecb veins in phyl	py	0.01	vn
213.65	225	Trace py clusters along compositional phyl bedding/cleavage	py	0.01	fol

Point Structure

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Plunge:	Azimuth:	EOH:
60	170	225

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
14.3	Contact		So	SIL	QBX	65			Contact between phyllite and QBX
19.15	Veins			fecb	qzvn	50			2mm thick deformed fecb altered qzvn in gouged phyllite
21.2	Veins				SHTV	45			Series of 1-10cm thick qzvns
22.9	Cleavage		Sx	chl	FOL	65			Penetrative mafic chl seams
26.1	Faults			cy	Gouge				Graphitic phyllite gouge zone with wcy alteration
26.8	Cleavage		Sx	chl	FOL	70			Semi penetrative seams
28.1	Contact		So	SIL		60			Bedding contact between SS above QPC
28.75	Contact		So	SIL		40			Bedding contact between QPC above SS
34.7	Contact		So	SIL		50			Bedding contact between QPC above SS
42	Faults				Gouge				Phyl mud gouge zone
47	Cleavage		Sx	ser	FOL	55			Sericite pressure solution fabric
47.7	Cleavage		Sx	ser	FOL	55			Sericite pressure solution fabric
50.8	Contact		So	SIL		50			Bedding contact between QPC above SS
53.5	Cleavage		Sx	chl	FOL	40			Dark chl seams throughout silicified
58.7	Faults			ser	Gouge				clay/sercicite gouge
62.28	Faults			ser	Gouge	60			Concordant to Sx
62.6	Cleavage		Sx	ser	FOL	50			Sericite pressure solution fabric
62.68	Faults			ser	Gouge	50			Concordant to Sx
66	Cleavage		Sx	ser	FOL	55			Sericite pressure solution fabric
68.3	Cleavage		Sx	ser	FOL	50			Sericite pressure solution fabric
71.3	Veins			chl	SZB	15			TVA shear zone boundary
72.75	Veins			SIL	SHTV	30			Pinched and offset SHTVS, silicified
81	Cleavage		Sx	ser	FOL	50			Sericite pressure solution fabric
83	Cleavage		Sx	ser	FOL	60			Sericite pressure solution fabric
86.1	Veins			SIL	TVA	30			Orientation of TVA veins, unable to measure SZB due to strong deformation
92.4	Cleavage		Sx	ser	FOL	40			Fecb altered sericite pressure solution fabric
92.7	Cleavage		So			30			Compositional phyl/SLT bedding/cleavage, angle between So and S1 is 75
92.7	Cleavage		S1		FOL	50			Wispy foliation along bedding planes
93.25	Veins			chl	FOL	50			Foliation concordant 3cm thick chl altered qzvn
96.3	Cleavage		So			25			Compositional phyl/SLT bedding/cleavage
96.3	Cleavage		S1		FOL	45			Wispy foliation along bedding planes
98.5	Cleavage		S1		FOL	60			Wispy foliation along bedding planes
98.5	Cleavage		So			30			Compositional phyl/SLT bedding/cleavage, angle between So and S1 is 75
99.2	Cleavage		So			40			Compositional phyl/SLT bedding/cleavage, angle between So and S1 is 75
99.2	Cleavage		S1		FOL	70			Wispy foliation along bedding planes
100	Faults				Gouge				Muddy phyl gouge
100.9	Faults				Gouge				Muddy phyl gouge
102.5	Axial Plane			py					Foliation planes w/ semi massive py min
102.5	Cleavage		S1	py	FOL				Wispy foliation x-cutting So with semi massive py min

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Plunge: 60 **Azimuth:** 170 **EOH:** 225

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
105	Cleavage		So			50			Compositional phyl/SLT bedding/cleavage
106.65	Cleavage		So			35			Compositional phyl/SLT bedding/cleavage
106.65	Cleavage		S1	py		70			Foliation planes w/ diss py
107.7	Axial Plane					65			Folded phyl/SLT bedding
109	Cleavage		S1			60			Wispy foliation x-cutting So
109	Cleavage		So			25			Compositional phyl/SLT bedding/cleavage
112.6	Cleavage		So			40			Compositional phyl/SLT bedding/cleavage
113	Axial Plane					80			Folded bedding
113.2	Cleavage		So			20			Compositional phyl/SLT bedding/cleavage
114.5	Cleavage		So			20			Compositional phyl/SLT bedding/cleavage
114.5	Cleavage		S1		FOL	55			Wispy foliation x-cutting So
117.1	Cleavage		S1		FOL	65			Wispy foliation x-cutting So
117.1	Cleavage		So			10			Compositional phyl/SLT bedding/cleavage
119.5	Cleavage		S1		FOL	70			Wispy foliation x-cutting So
119.5	Cleavage		So			5			Compositional phyl/SLT bedding/cleavage
120.2	Cleavage		So			10			Compositional phyl/SLT bedding/cleavage
120.2	Axial Plane				FOL	70			Axial planar cleavage
120.5	Cleavage		So			10			Compositional phyl/SLT bedding/cleavage
120.5	Cleavage		S1		FOL	65			Wispy foliation x-cutting So
121.7	Cleavage		Sx			45			Crenulation cleavage, angle bw So and crenulation clv is 85
121.7	Cleavage		So			40			Compositional phyl/SLT bedding/cleavage
121.7	Cleavage		S1		FOL	10			Wispy foliation x-cutting So, angle between So and S1 is 30
124.85	Cleavage		So			10			Compositional phyl/SLT bedding/cleavage
124.85	Cleavage		S1		FOL	55			Wispy foliation x-cutting So, angle between So and S1 is 30
128.5	Faults				Gouge				Broken angular gouged phyllite
129.2	Cleavage		So			25			Compositional phyl/SLT bedding/cleavage
129.2	Cleavage		S1		FOL	65			Compositional phyl/SLT bedding/cleavage
132.6	Cleavage		So			30			Compositional phyl/SLT bedding/cleavage
134	Cleavage		So			55			Compositional phyl/SLT bedding/cleavage
136	Cleavage		So			45			Compositional phyl/SLT bedding/cleavage
137.6	Cleavage		So			50			Compositional phyl/SLT bedding/cleavage
139.4	Cleavage		So	py		40			Compositional phyl/SLT bedding/cleavage, py mineralisation along bedding plane
140.3	Cleavage		So			40			Compositional phyl/SLT bedding/cleavage
144.15	Cleavage		So			50			Compositional phyl/SLT bedding/cleavage
145	Cleavage		S1			20			Wispy foliation x-cutting So, angle between So and S1 is 40
145	Cleavage		So			60			Compositional phyl/SLT bedding/cleavage
146	Cleavage		So	py		65			Compositional phyl/SLT bedding/cleavage, massive fgr py along bed
147.5	Cleavage		So			60			Compositional phyl/SLT bedding/cleavage
148.5	Cleavage		So			50			Compositional phyl/SLT bedding/cleavage

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Plunge: 60 **Azimuth:** 170 **EOH:** 225

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
152.2	Faults			chl	Gouge				Qtz-chl gouge zone
153.2	Veins			chl	SHTV	60			Array of 0.5-10cm thick SHTV qzvns
155.5	Cleavage		Sx	ser	FOL	55			Penetrative fecb altered sericite pressure solution seams
156.1	Veins			chl	mass				20cm thick qzvn in sericite chl altered SS
158.85	Veins			chl	SHTV	70			2mm thick, 3c spaced SHTV qzvns parallel to pressure solution sericite seams
158.85	Cleavage		Sx	ser	FOL	70			Penetrative altered sericite pressure solution seams
159.45	Contact		So	ser		70			Contact between phyl lens above sericite altered SS
160.25	Cleavage		Sx	ser	FOL	55			Penetrative altered sericite pressure solution seams
163.9	Veins			cbt		65			0.5cm thick cbt altered qzvn
165.3	Cleavage		Sx		FOL	55			Penetrative altered sericite pressure solution seams
167.5	Cleavage		Sx		FOL	35			Penetrative altered sericite pressure solution seams
170.1	Cleavage		So			80			Contact between phyl lense above SS
171.65	Cleavage		So			40			Lower contact of phyl fault and competent chl/ser altered SS
172.6	Cleavage		Sx	ser		65			Penetrative altered sericite pressure solution seams
173.8	Veins				qzvn	65			1cm thick qzvn
179.5	Veins			SIL	SHTV	40			Silicified SHTV in Strong shear zone
180.2	Cleavage		Ssh	chl		65			Sheared and elongated clasts with aligned matrix seams
181.65	Veins		V1	fecb	TVA	45			Tension array crosscut by V2 TVA array
181.65	Veins		V2	fecb	TVA	30			TVA V2 cross cut TVA V1
181.75	Veins				SZB	25	0		Shear zone boundary
183.3	Veins				SZB	15			Shear zone boundary
184.38	Cleavage		So			45			SS bedding/cleavage
184.8	Veins				TVA				Large tension vein array
189.6	Veins			fecb	qzvn	60			3cm thick qzvn
193.35	Veins			fecb	qzvn	55			5cm thick fecb altered qzvn
193.75	Contact		So		FOL	25			Phyl foliation concordant contact of QPC above phyl lense
194.4	Contact		So			45			Phyl foliation concordant contact of QPC above phyl lense
194.7	Contact		So			40			Contact of QPC above SS lens
196.2	Cleavage		Sx			45			Semi penetrative fecb altered sericite pressure solution seams
197.3	Cleavage		So			60			SS QPC interbedding orientation
197.4	Veins			chl	STWK				Stockwork vein array
197.6	Veins			chl	qzvn	20			single 0.5cm qzvn with intense chl alteration
197.65	Cleavage		So			75			Compositional phyl SS interbedded
197.65	Cleavage		S1			40			Penetrative thin dark fabric x-cutting So
201.1	Faults				Gouge				muddy gouge zone
201.9	Axial Plane					80			axial planar cleavage
202	Axial Plane					75			axial planar cleavage
203.5	Axial Plane					80			axial planar cleavage
203.8	Cleavage		S1		FOL	85			wispy cleavage along bedding planes, angle between So and S1 is 15

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
203.8	Cleavage		So			80			compositional phyl/SLT bedding/cleavage
206.5	Cleavage		So			35			compositional phyl/SLT bedding/cleavage
206.5	Cleavage		S1		FOL	60			wispy cleavage along bedding planes, angle between So and S1 is 25
209	Cleavage		S1		FOL	60			wispy cleavage along bedding planes, angle between So and S1 is 25
211	Veins				TVA	20			Tension vein array in phyllite
212	Cleavage		So			50			compositional phyl/SLT bedding/cleavage
213	Cleavage		So			50			compositional phyl/SLT bedding/cleavage
215.4	Cleavage		Sx		FOL	20			Semi penetrative seams and cracks
215.4	Cleavage		S1		FOL	65			Wispy flares off bedding planes, angle between So and S1 is 60
215.4	Cleavage		So			55			compositonal phyl/SLT bedding, angle between So and S1 is 60
218.85	Cleavage		S1		FOL	80			Wispy flares off bedding planes, angle between So and S1 is 60
218.85	Cleavage		So			35			compositonal phyl/SLT bedding, angle between So and S1 is 60
222.4	Cleavage		So			10			compositonal phyl/SLT bedding, angle between So and S1 is 90
222.4	Cleavage		S1		FOL	80			Wispy flares off bedding planes, angle between So and S1 is 90
222.7	Cleavage		S1		FOL	70			Wispy flares off bedding planes, angle between So and S1 is 90
222.7	Cleavage		So			20			compositonal phyl/SLT bedding, angle between So and S1 is 90
224.2	Cleavage		So			25			compositonal phyl/SLT bedding, angle between So and S1 is 55
224.2	Cleavage		S1		FOL	80			Wispy flares off bedding planes, angle between So and S1 is 55

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29730	6	9	2011	Expl Geochem	H-split	MT-Phy
29731	9	12.2	2011	Expl Geochem	H-split	MT-Phy
29732	12.2	13.9	2011	Expl Geochem	H-split	MT-Phy
29733	13.9	14.3	2011	Expl Geochem	H-split	QZVN.bx
29734	14.3	16	2011	Expl Geochem	H-split	MT-Phy
29735	16	18	2011	Expl Geochem	H-split	MT-Phy
29736	18	20.4	2011	Expl Geochem	H-split	MT-Phy
29737	20.4	22	2011	Expl Geochem	H-split	MT-CO.pbl
29738	22	24	2011	Expl Geochem	H-split	MT-CO.pbl
29739	24	25.2	2011	Expl Geochem	H-split	MT-CO.pbl
29740	25.2	26.1	2011	Expl Geochem	H-split	MT-Phy
29741	26.1	28	2011	Expl Geochem	H-split	MT-SS.cgr
29742	26.1	28	2011	STND	CDN-GS-8B	MT-SS.cgr
29743	26.1	28	2011	DUP	Q-Split	MT-SS.cgr
29744	28	30	2011	Expl Geochem	H-split	MT-CO.pbl
29745	30	32	2011	Expl Geochem	H-split	MT-CO.pbl
29746	32	34	2011	Expl Geochem	H-split	MT-CO.pbl
29747	34	36	2011	Expl Geochem	H-split	MT-CO.pbl

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29748	36	38	2011	Expl Geochem	H-split	MT-CO.pbl
29749	38	40	2011	Expl Geochem	H-split	MT-SS.cgr
29750	40	41.85	2011	Expl Geochem	H-split	MT-CO.pbl
29751	41.85	45	2011	Expl Geochem	H-split	MT-Phy
29752	45	48	2011	Expl Geochem	H-split	MT-SS.cgr
29753	48	49	2011	Expl Geochem	H-split	MT-SS.cgr
29754	49	51	2011	Expl Geochem	H-split	MT-CO.pbl
29755	51	53	2011	Expl Geochem	H-split	MT-SS.cgr
29756	53	55	2011	Expl Geochem	H-split	MT-SS.cgr
29757	55	57	2011	Expl Geochem	H-split	MT-SS.cgr
29758	57	58.85	2011	Expl Geochem	H-split	MT-SS.cgr
29759	58.85	60	2011	Expl Geochem	H-split	MT-SS.cgr
29760	60	62.25	2011	Expl Geochem	H-split	MT-SS.cgr
29761	62.25	64	2011	Expl Geochem	H-split	MT-SS.cgr
29762	64	66	2011	Expl Geochem	H-split	MT-SS.cgr
29763	66	68	2011	Expl Geochem	H-split	MT-SS.cgr
29764	68	70	2011	Expl Geochem	H-split	MT-SS.cgr
29765	70	72	2011	Expl Geochem	H-split	MT-SS.cgr
29766	72	74	2011	Expl Geochem	H-split	MT-SS.cgr
29767	74	76	2011	Expl Geochem	H-split	MT-SS.cgr
29768	76	78	2011	Expl Geochem	H-split	MT-SS.cgr
29769	78	80	2011	Expl Geochem	H-split	MT-SS.cgr
29770	80	82	2011	Expl Geochem	H-split	MT-SS.cgr
29771	82	84	2011	Expl Geochem	H-split	MT-SS.cgr
29772	84	86	2011	Expl Geochem	H-split	MT-SS.cgr
29773	86	88	2011	Expl Geochem	H-split	MT-SS.cgr
29774	88	90	2011	Expl Geochem	H-split	MT-SS.cgr
29775	90	91	2011	Expl Geochem	H-split	MT-SS.cgr
29776	91	92.5	2011	Expl Geochem	H-split	MT-SS.cgr
29777	92.5	94	2011	Expl Geochem	H-split	MT-Phy
29778	94	95.7	2011	Expl Geochem	H-split	MT-Phy
29779	94	95.7	2011	DUP	Q-Split	MT-Phy
29780	94	95.7	2011	Blank	LWS_2011	MT-Phy
29781	95.7	97	2011	Expl Geochem	H-split	MT-Phy
29782	97	99	2011	Expl Geochem	H-split	MT-Phy
29783	99	101	2011	Expl Geochem	H-split	MT-Phy
29784	101	103	2011	Expl Geochem	H-split	MT-Phy
29785	103	105	2011	Expl Geochem	H-split	MT-Phy
29786	105	107	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-001 **Grant No.:** YD07111

Plunge: 60 **Azimuth:** 170 **EOH:** 225

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29787	107	109	2011	Expl Geochem	H-split	MT-Phy
29788	109	111	2011	Expl Geochem	H-split	MT-Phy
29789	111	113	2011	Expl Geochem	H-split	MT-Phy
29790	113	115	2011	Expl Geochem	H-split	MT-Phy
29791	115	117	2011	Expl Geochem	H-split	MT-Phy
29792	117	119	2011	Expl Geochem	H-split	MT-Phy
29793	119	121.1	2011	Expl Geochem	H-split	MT-Phy
29794	121.1	123	2011	Expl Geochem	H-split	MT-Phy
29795	123	125	2011	Expl Geochem	H-split	MT-Phy
29796	125	127	2011	Expl Geochem	H-split	MT-Phy
29797	127	129	2011	Expl Geochem	H-split	MT-Phy
29798	129	131	2011	Expl Geochem	H-split	MT-Phy
29799	131	133	2011	Expl Geochem	H-split	MT-Phy
29800	133	135	2011	Expl Geochem	H-split	MT-Phy
29801	135	137	2011	Expl Geochem	H-split	MT-Phy
29802	137	139	2011	Expl Geochem	H-split	MT-Phy
29803	139	141	2011	Expl Geochem	H-split	MT-Phy
29804	141	143	2011	Expl Geochem	H-split	MT-Phy
29805	143	145	2011	Expl Geochem	H-split	MT-Phy
29806	145	147	2011	Expl Geochem	H-split	MT-Phy
29807	147	148.7	2011	Expl Geochem	H-split	MT-Phy
29808	148.7	150.66	2011	Expl Geochem	H-split	MT-Phy.gouge
29809	150.66	151.5	2011	Expl Geochem	H-split	QZVN
29810	151.5	152.9	2011	Expl Geochem	H-split	QZVN
29811	152.9	155	2011	Expl Geochem	H-split	MT-SS.cgr
29812	155	157	2011	Expl Geochem	H-split	MT-SS.cgr
29813	157	159	2011	Expl Geochem	H-split	MT-SS.cgr
29814	159	161	2011	Expl Geochem	H-split	MT-SS.cgr
29815	161	163	2011	Expl Geochem	H-split	MT-SS.cgr
29816	161	163	2011	STND	CDN-GS-8B	MT-SS.cgr
29817	161	163	2011	DUP	Q-Split	MT-SS.cgr
29818	163	165	2011	Expl Geochem	H-split	MT-SS.cgr
29819	165	167	2011	Expl Geochem	H-split	MT-SS.cgr
29820	167	169	2011	Expl Geochem	H-split	MT-SS.cgr
29821	169	170.25	2011	Expl Geochem	H-split	MT-SS.cgr
29822	170.25	171.65	2011	Expl Geochem	H-split	QZVN
29823	171.65	173	2011	Expl Geochem	H-split	MT-CO.pbl
29824	173	175	2011	Expl Geochem	H-split	MT-CO.pbl
29825	175	177	2011	Expl Geochem	H-split	MT-CO.pbl

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-001 **Grant No.:** YD07111

Plunge: 60 **Azimuth:** 170 **EOH:** 225

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29826	177	178.4	2011	Expl Geochem	H-split	MT-CO.pbl
29827	178.4	180	2011	Expl Geochem	H-split	MT-CO.pbl
29828	180	182	2011	Expl Geochem	H-split	MT-CO.pbl
29829	182	183	2011	Expl Geochem	H-split	MT-SS.cgr
29830	183	184.85	2011	Expl Geochem	H-split	MT-SS.cgr
29831	184.85	186	2011	Expl Geochem	H-split	MT-CO.pbl
29832	186	188	2011	Expl Geochem	H-split	MT-CO.pbl
29833	188	190	2011	Expl Geochem	H-split	MT-CO.pbl
29834	190	192	2011	Expl Geochem	H-split	MT-CO.pbl
29835	192	194	2011	Expl Geochem	H-split	MT-CO.pbl
29836	194	196	2011	Expl Geochem	H-split	MT-CO.pbl
29837	196	198	2011	Expl Geochem	H-split	MT-CO.pbl
29838	198	199.5	2011	Expl Geochem	H-split	MT-CO.pbl
29839	199.5	201.4	2011	Expl Geochem	H-split	MT-Phy
29840	201.4	203	2011	Expl Geochem	H-split	MT-Phy
29841	203	205	2011	Expl Geochem	H-split	MT-Phy
29842	205	207	2011	Expl Geochem	H-split	MT-Phy
29843	207	209	2011	Expl Geochem	H-split	MT-Phy
29844	209	211	2011	Expl Geochem	H-split	MT-Phy
29845	211	213	2011	Expl Geochem	H-split	MT-Phy
29846	213	215	2011	Expl Geochem	H-split	MT-Phy
29847	215	217	2011	Expl Geochem	H-split	MT-Phy
29848	217	219	2011	Expl Geochem	H-split	MT-Phy
29849	219	221	2011	Expl Geochem	H-split	MT-Phy
29850	221	223	2011	Expl Geochem	H-split	MT-Phy
29851	223	225	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-00 **Grant No.:** YD07111

Location

Easting:	Northing:	Latitude:	Longitude:
535591.0	6841952.0		

Elevation: 1030 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 170
EOH: 237.0 m
Core Size: HQ

Start Date: 17/10/2011
Finish Date: 21/10/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
27	74.1	166.6	56966	Reflex	1
78	74.1	168.1	57123	Reflex	1
129	74.7	173.4	57130	Reflex	1
180	75.1	172.8	57240	Reflex	1
222	75	175.9	56976	Reflex	1
237	74.2	177.8	56910	Reflex	1

Objective:

The objective of this hole is to test the original 3Ace 'Road Showing'. The hole is a wildcat hole at the excavated showing and along strike of the fabric to the northwest

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6.1		CASING		100.0%				co	1
6.1	15	Strongly sericitized platy green phyllite. Broken/blocky, Lost core	MT-Phy		100.0%	g			lc	2
15	18	Intensely gouged muddy/sandy black phyllite fault/gouge zone	MT-Phy		100.0%	n			lc	3
18	33.3	Grey mod silicified granule QPC interbedded with pbl QPC. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	grn	9.0%	gy	qtz	95	co	2
18	33.3	Grey mod silicified pbl QPC interbedded with granule QPC. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	pbl	90.0%	gy	qtz	95	co	2
18	33.3	15cm thick phyllite, qtz breccia sheared lens from 31.90-32.05m	MT-Phy		100.0%	n			fr	4
33.3	35.3	Mod-strong silicified Qtz Bx. Broken qtz bx with fragmented zone. Sheared angular clasts up to 1cm. Mineralisation along fractures and dark chloritic matrix seams following shear/foliation plane. Small phyl gouge lenses.	QZVN	bx	100.0%	gy			co	3
35.3	39	Grey mod silicified pbl QPC interbedded with granule QPC. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	pbl	100.0%	gy	qtz	95	co	2
39	39.35	White bull QZVN with chlorite/sericite filled fractures	QZVN		100.0%	w			br	1
39.35	41.4	Grey mod silicified pbl QPC interbedded with granule QPC. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	pbl	100.0%	gy	qtz	95	co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-002	Grant No.:	YD07111
Plunge:	Azimuth:	EOH:					
75	170	237					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
41.4	41.9	Black graphitic phyllite fault	MT-Phy	gf	100.0%	n			fr	3
41.9	50.3	Grey mod-strong silicified pbl QPC interbedded with granule QPC, blurred grain boundaries. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Strong lim alteration along natural fractures. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	pbl	49.0%	gy	qtz	95	co	2
41.9	50.3	Grey mod-strong silicified granule QPC interbedded with pbl QPC. Dominantly white clay alteration of fspar grains with minor beige lim/fecb overprinting. Strong lim alteration along natural fractures. Very weak light green chlorite alteration along matrix seams. Clasts: Subrounded, Qtz 95%, fspar 4%, lithics 1%	MT-CO	grn	51.0%	gy	qtz	95	co	2
50.3	50.8	Strong silicified grey-dark grey Qtz Bx. Angular clasts up to 1.5cm. Massive fgr mineralisation (dominantly pyrite) concentrated in dark chloritic matrix seams following foliation. Chl alteration of matrix, fecb alteration of clasts.	QZVN	bx	100.0%	gy			co	3
50.8	65.8	Grey mod-strong silicified granule QPC. Dominantly white clay alteration of fspar grains with minor. Strong lim alteration along natural fractures. Clasts: Subrounded, Qtz 98%, fspar 2%	MT-CO	grn	100.0%	gy	qtz	98	co	2
65.8	74.2	Strong silicified grey-dark grey Qtz Bx. Angular clasts up to 3cm. Massive fgr sulphide mineralisation along filled fractures and in matrix.	QZVN	bx	100.0%	gy			co	3
74.2	79.95	Coarse grained silicified SS. Deformed matrix seams which are randomly oriented due to deformation no resemble vugs. Py and asp mineralisation along dark grey chloritic matrix seams. Sharp 'Rip-up' type contact at the end of unit into black phyllite.	MT-SS	cgr	100.0%	gy			co	2
79.95	157	Friable and faulted black phyllite with interbedded SLT lamella and sparse deformed chl-fecb altered chaotic qzvns. Minor graphitic coating in fault and gouge zones.	MT-Phy		100.0%	n			fr	2
157	184.83	Phyllite occurse as narrow localized interbeds with high tan-grey silt content from 163.40m-163.70m and from 174.10m -174.44m. Phyllite interbed from 174.10m-174.44m is highly mineralized by low core angle quartz veinlets and underlies a ~60cm thick quartz breccia intercept. Mineralization is markedly reduced below 174.44m	MT-Phy		1.0%	n			co	1
157	184.83	Quartz veining in silicified and sericitized sandstone unit is frequently intensely vuggy. Frequently also diffuse and only partially penetrative. Several internsely sulfide mineralized, densely veined interceptes with sphalerite, galena, pyrite and arsenopyrite mineralization. Vein thickness is generally <2cm. Quartz breccia texture with dense pyrite-arsenopyrite mineralization from 173.50-174.10 meters.	QZVN		4.0%	w			co	1

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-002 **Grant No.:** YD07111

Plunge:	Azimuth:	EOH:
75	170	237

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
157	184.83	Light grey silicified sandstone with variable degrees of texturally destruction and locally very intense sericitization. White aligned sericitic seams forming cleavage [Sx]. COMPOSITION: 95% grey quartz; 5% white altered feldspar; ~1% black lithic phyllite clasts (frequently <1% - but locally present) MATRIX: <1% GRAINSIZE: 1-2mm GRAINSHAPE: subangular Upper contact is sharp and competent with phyllite unit above and concordant to phyllite compositional bedding (So). Lower contact with Quartz Pebble Conglomerate appears gradational, but is marked by increased fragmentation.	MT-SS	cgr	95.0%	gy	qtz	95	co	1
184.83	208.02	Phyllite in Quartz-Pebble-Conglomerate unit occurs as occassional 2-20cm width interbeds with frequently gradational contacts that are concordant to phyllite compositional bedding (So).	MT-Phy		1.0%	n			co	1
184.83	208.02	Quartz veining in QPC unit is generally <3cm thick, occassionally slightly vuggy and predominantly with rather diffuse, cloudy vein boundaries. Quartz veining is more intense in lower 3rd of QPC unit.	QZVN		4.0%	w			co	1
184.83	208.02	Sandstone in QPC unit occurs and localized gradational interbeds with same composition as surrounding QPC unit. Grainshape is subangular. Grainsize: 1.5-2mm Composition 96% grey (partially transluscent) quartz, 4% white, clay altered feldspar	MT-SS		10.0%	gy	qtz	95	co	1
184.83	208.02	Light grey Quartz-Pebble-Conglomerate with an intermittent, localized alignment and stretching of clasts [Sx]. Lithic phyllite clasts are locally stretched and aligned. Feldspar clasts have white clay alteration that is intermittently combined with buff-creme iron-carbonate overprints. Composition: 93% grey quartz; 6% altered feldspar; 1% angular lithis phyllite clasts Matrix: <1% Grainshape: angular to subangular Upper contact of unit is gradational with sandstone unit above, but marked by broken and blocky intervals. Lower contact with phyllite unit below is hard and competent and concordant to phyllite compositional bedding (So).	MT-CO		85.0%	gy	qtz	93	co	1
208.02	231.52	Veining in phyllite is generally concentrated in narrow loacalized concentration associated with structural interval, i.e. at in upper contact zone of unit. Rare, thin (<0.5cm thick), low core angle veinlets throughout remainder of unit.	QZVN		1.0%	w			co	1
208.02	231.52	Weakly chloritized fine-grained sandstone unit near upper contact of phyllite unite from 208.70m - 209.62m.	MT-SS	fgr	1.0%	gy			co	1
208.02	231.52	Black, bedded and folded phyllite with ~5% grey lamellar silt interbedding. Compositional bedding So an locally well expressed S1 cleavage. Texture of phyllite is too fine-grained to determine exact composition. Generally competent.	MT-Phy		98.0%	n			co	1
231.52	232.2	Quartz veining in granule size conglomerate unit is very vuggy and with very difusse contact boundaries.	QZVN		2.0%	w			co	1

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-002	Grant No.:	YD07111
Plunge:	Azimuth:	EOH:					
75	170	237					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
231.52	232.2	Very porous, light grey, granule to pebble size quartz conglomerate bed. Grainsize: 2-5mm Grainshape: subangular to subrounded Matrix: <1% Compostion: 94% grey quartz; 1% black phyllite lithics; 5% white clay altered feldspar Bounded by phyllite above and below along planar contacts.	MT-CO	grn	98.0%	gy	qtz	94	co	1
232.2	235.5	Minor 1-2cm thick quartz veining in phyllite that runs concordant to compositional bedding and is concentrated at upper contact of interval.	QZVN		2.0%	w			co	1
232.2	235.5	Phyllite bed interwedged between two granule size quartz conglomerate units. Folded with well developed S1 fabric. ~5% grey silt interbedding along So. Gouge that runs axial planar parallel at center of itnerval. Upper and lower contacts with quartz conglomerate are planar.	MT-Phy		98.0%	n			co	2
235.5	237	Several milky white, vuggy, 2mm - 2cm thick white quartz veinlets that generally run at >50TCA.	QZVN		2.0%	w			co	1
235.5	237	Very porous, vuggy, light grey, granule to pebble size quartz conglomerate bed. Grainsize: 2-5mm Grainshape: subangular to subrounded Matrix: <1% Compostion: 94% grey quartz; 1% black phyllite lithics; 5% white clay altered feldspar Bounded by phyllite above and below along planar contacts.	MT-CO	grn	98.0%	gy	qtz	94	co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6.1	15	Strong pervasive sericite alteration of phyllite, bladed/platy sericite along fractures	ser	3	perv	g
18	35.2	Weak chl alteration of matrix seams	chl	1	diss	g
18	33.3	Buff fecb altn and overprinting of wcy altered fspar clasts	fecb	1	smgr	bf
18	33.3	Pervasive silicification of pbl/grn QPC, blurring grain boundaries	SIL	2	perv	gy
18	33.3	wcy alteration of fspar clasts	cy	2	smgr	w
18	33.3	Weak lim alteration along natural fracs	LIM	1	frac	b
33.3	35.2	Stong silicification of Qtz Bx	sil	3	perv	gy
35.2	41.4	Buff fecb altn and overprinting of wcy altered fspar clasts	fecb	1	smgr	bf
35.2	41.4	wcy alteration of fspar clasts	cy	2	smgr	w
35.2	41.4	Pervasive silicification of pbl QPC, blurring grain boundaries	SIL	2	perv	gy
41.4	41.9	Pervasive graphite alteration of phyllite fault/lens	gf	3	gouge	n
41.9	50.3	Mod-Strong lim alteration along natural fractures	LIM	3	frac	b
41.9	50.3	Mod chl alteration of matrix seams	chl	2	diss	g
41.9	50.3	Pervasive silicification of grn QPC, blurring grain boundaries	SIL	2	perv	gy
41.9	50.3	Fecb overprinting wcy altered fspar clasts	fecb	2	smgr	bf
41.9	50.3	Weak white clay alteration of fspar overprinted by fecb	cy	1	smgr	w
50.3	50.8	Stong pervasive silicification in Qtz Bx	SIL	3	perv	gy
50.3	50.8	Fecb alteration of fspar and qtz clasts in qtz bx	fecb	3	smgr	bf
50.8	69.6	Mod-Strong lim alteration along natural fractures	LIM	3	frac	bf

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-002	Grant No.:	YD07111
	Plunge:	Azimuth:	EOH:				
	75	170	237				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
50.8	65.8	Pervasive silicification of grn QPC, blurring grain boundaries	SIL	2	perv	gy
50.8	65.8	Weak white clay alteration of fspar	cy	1	smgr	w
65.8	79.95	Pervasive silicification throughout qtz bx	SIL	3	perv	gy
65.8	74.2	Light green chl alteration along semi penetrative foliation seams	chl	2	fol	g
74.2	157	green chl replacement of thin pinched off sheeted qzvns	chl	1	vn	g
74.2	157	Minor carbonate alteration in chaotic qzvns	cbt	1	vn	w
74.2	157	Buff fecb of chaotic qzvns	fecb	1	vn	bf
157	173.5	Variable intensity sericitization with white seams aligned along cleavage [Sx] throughout silicified sandstone unit. Pearly, soapy, translucent coating.	ser	2	fol	gy
157	173.5	Pervasive, texturally destructive silicification in sandstone expressed by localized absence of feldspars and pressure solution texture along Sx in combination with sericite. Intensity varies from moderate to high.	SIL	3	perv	gy
157	173.5	buff-crème to buff-orange iron-carbonate patches in (frequently) diffuse quartz veining in silicified sandstone and within veins in phyllite interbeds	fecb	1	vn	bf
173.5	174.1	white clay alteration of feldspar clasts	cy	2	smgr	w
173.5	174.1	black chloritic matrix seams in combination with pyrite-arsenopyrite as matrix seams in quartz breccia	chl	3	vn	n
174.44	208.02	weak pervasive silicification	SIL	1	perv	gy
184.83	208.02	white clay alteration of feldspar clasts in QPC unit	cy	2	smgr	w
184.83	186.2	occassional buff-crème overprints on feldspar clasts in QPC unit	fecb	1	smgr	bf
186.2	187	iron-carbonate wisps on deformed quartz veining in phyllite silt-interbed	fecb	3	vn	bf
187	208.02	occassional buff-crème overprints on feldspar clasts in QPC unit	fecb	1	smgr	bf
187	208.02	powdered white clay along open and healed fractures & cleavages	cy	1	frac	w
208.02	211.23	occassional buff-crème wisps in deformed quartz veining in zone with frequent gouge seams in lithological contact zone	fecb	1	vn	bf
208.7	209.62	greyish-green hue in fine-grained sandstone interbed	chl	1	perv	g
211.23	231.52	calcite in occassional, very thin white tension seams and folded vein seams in phyllite unit [acid soluble]	cbt	1	vn	w
231.52	232.2	white clay alteration of feldspar clasts in conglomerate	cy	2	smgr	w
235.5	237	white clay alteration of feldspar clasts in quartz conglomerate	cy	2	smgr	w

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-002	Grant No.:	YD07111
Plunge:	Azimuth:	EOH:					
75	170	237					

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
15	18	FZ	200.0%	BFZ	Muddy phyllite fault/gouge zone
31.9	32.05	SZ	100.0%	DSZ	Sheared/faulted Phyllite lens
33.3	35.3	QZVN	300.0%	bx	Qtz bx zone with strong sil, clasts up to 1cm
39	39.35	QZVN	300.0%	mass	Bull white QZVN
41.4	41.8	FZ	300.0%	BFZ	Graphitic phyllite fault zone
50.3	50.5	QZVN	300.0%	bx	Strong silicified, dark chl matrix seams with massive fgr asp/py mineralisation, above a phyllitic fault zone
50.8	52.5	FZ	200.0%	BFZ	Broken, minor gouge phyl fault
65.8	74.7	QZVN	300.0%	bx	Strong silicified, dark chl matrix seams with massive fgr asp/py mineralisation along matrix seams and fractures. Strong fracture controlled lim alteration at beginning of qtz bx
81.7	90.4	FZ	200.0%	BFZ	Broken, blocky with a high degree of friable gouge, minor graphitic coating of gouge zones
99.55	101.65	SZ	300.0%	DBSZ	Highly folded friable phyllite with chl altered thin qzvns infilling fractures
105.7	108.8	FZ	200.0%	BFZ	Broken, blocky with a high degree of friable gouge, minor graphitic coating of gouge zones
118	122	FZ	200.0%	BFZ	Broken, blocky with a high degree of friable gouge, minor graphitic coating of gouge zones
124.7	128.7	FZ	200.0%	BFZ	Broken, blocky with a high degree of friable gouge, minor graphitic coating of gouge zones
173.5	174.1	QZVN	400.0%	bx	Sheared, brecciated quartz veining with black chloritic pyrite-arsenopyrite matrix seams that rim stretched quartz clasts.
174.1	174.44	QZVN	300.0%	SHTV	3 evenly spaced intensely pyrite mineralized, ~20TCA quartz veinlets in phyllite-silt interbed within sandstone unit
186.2	187	QZVN	300.0%	BFZ	Deformed quartz veining and mild gouging in silit-phyllite interbed
199.2	199.9	SZ	200.0%	SHTV	Intensely stretched and aligned quartz and high density vuggy 2-4cm thick subparallel quartz veining
208.02	211.23	FZ	200.0%	stwk	Frequenct gouge seams in phyllite with densely spaced, deformed quartz veining in lithological contact zone.
233.56	234.2	FZ	300.0%	BFZ	shattered phyllite, friable bolcks and 10cm gouge wedge at lower contact of interval

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
18	33.3	Diss sub-euh py throughout QPC matrix, higher concentrations along phyllite lens at 31.9-32.05m.	py	0.05	diss
32.05	33.3	Fgr asp in dark chl blebs in deformed qzvns before Qtz bx unit	asp	0.01	vn
33.3	35.5	Fracture filled matrix seams by dark grey chlorite fluid in Qtz Bx. Fgr sulphide mineralisation. Euh pyrite, anhedral asp	asp	0.05	frac
33.3	35.5	Fracture filled matrix seams by dark grey chlorite fluid in Qtz Bx. Fgr sulphide mineralisation. Euh pyrite, anhedral asp	py	0.5	frac
35.5	41.4	Fracture filled matrix seams by dark grey chlorite fluid in QPC. Fgr sulphide mineralisation. Euh pyrite, anhedral asp	py	0.05	frac
35.5	41.4	Fracture filled matrix seams by dark grey chlorite fluid. Fgr suulphide mineralisation. Euh pyrite, anhedral asp	asp	0.01	frac
41.4	50.3	Fgr blebs of py in fracture filled qzvns and chloritic seams	py	0.2	vn
41.4	50.3	Fgr asp associated with py blebs in dark chloritic seams	asp	0.01	vn
50.3	50.8	Fracture controlled euh py mineralisation in dark matrix throughout qtz Bx	py	5	frac
50.3	50.8	Fracture controlled fgr asp mineralisation in dark matrix throughout qtz Bx	asp	0.01	frac
50.8	52.5	Euh py and blebs of massive py in deformed qzvns throughout phyllite fault/gouge zone	py	2	vn
52.5	65.8	Py blebs along deformed TVA and SHTV qzvns and wallrock	py	0.2	vn
52.5	65.8	Asp mineralisation associated with py blebs along deformed TVA, SHTV qzvns following Sx, and wallrock	asp	0.01	vn
65.8	74.7	Dominantly cgr euh py throughout qtz bx fractures and througout dark matrix. Py also along fracture filled qzvns	py	3	frac

Project:	NTR3A	Prospect:	Road Showing	Hole ID:	3ARS-11-002	Grant No.:	YD07111
	Plunge:	Azimuth:	EOH:				
	75	170	237				

From:	To:	Comments	Mineral	Percent	Distribution
65.8	74.7	Massive Fgr-mgr anhedral asp mineralisation throughout qtz bx fractures and througout dark matrix. Massive Asp also along fracture filled qzvns	asp	7	frac
66	68	bright orange/or-y powdery coating on x-cutting fracs in intensely veined/brecciated section with abnundant mass cgr aspy; slightly more abndt than realgar	orp	0.3	frac
66	68	drk brick red powdery coating on x-cutting fracs in intensely veined/brecciated section with abnundant mass cgr aspy	rl	0.2	frac
74.7	79.95	Py min along fracture filled vuggy qzvns and silicified Sx seams	py	0.3	vn
74.7	79.95	Asp min along fracture filled vuggy qzvns and silicified Sx	asp	0.2	vn
79.95	157	Cgr sub-euhedral py mineralisation in chaotic deformed qzvns. Typically in qzvns altered by chlorite	py	0.1	vn
157	160.5	fine-grained disseminated pyrite + small blebs in vuggy, deformed quartz veining in silicified and sericitized sandstone	py	0.5	vn
157	160.5	trace fine-grained disseminated galenain vuggy, deformed quartz veining in silicified and sericitized sandstone	gn	0.01	vn
157	160.5	fine-grained disseminated arsenopyrite in vuggy, deformed quartz veining in silicified and sericitized sandstone	asp	0.1	vn
159.2	159.22	in quartz vein vug	gn	1	vn
159.2	159.22	in quartz vein vug	sph	1	vn
160.5	163	massive pyrite clusters and stringers in vuggy quartz veining in intensely silicified and sericitized sandstone	py	2.5	vn
160.5	163	fine-grained arsenopyrite blebs as intergrowth in massive pyrite clusters and stringers in vuggy quartz veining in intensely silicified and sericitized sandstone	asp	0.4	vn
163	167.95	pyrite blebs in vuggy quartz veining in silicified and sericitized sandstone	py	0.3	vn
163	167.95	trace fine-grained disseminanted aprsenopyrite as intergrowth in pyrite blebs in vuggy quartz veining in silicified and sericitized sandstone	asp	0.05	vn
167.95	170.5	pyrite and arsenopyrite stringers in vuggy vein seams in intensely silicified and sericitized sandstone	py	2	vn
167.95	170.5	pyrite and arsenopyrite stringers in vuggy vein seams in intensely silicified and sericitized sandstone	asp	0.5	vn
167.95	170.5	as stringers seams associated with vuggy vein seams in intensely silicified and sericitized sandstone	gn	1	vn
170.5	173.5	chalcopyrite as intergrowth in pyrite stringers	cpy	0.05	fol
170.5	173.5	pyrite as stringers in silicified sandstone with pressure solution texture	py	1	fol
170.5	173.5	galena rimming pyrite stringers in silicified and sericitizced sandstone -- frequently stretched along Sx	gn	0.3	fol
173.5	174.1	quartz breccia with black sulfide (pyrite-arseonpyrite) chloritic matrix seams as well as a 2cm massive pyrite band @ ~70TCA	py	10	vn
173.5	174.1	quartz breccia with black sulfide (pyrite-arseonpyrite) chloritic matrix seam	asp	1	vn
174.1	174.44	blebs and clusters with up to 1mm crystal diaemter in low core angle quartz veinlets in phyllite-silt interbed	py	2	vn
174.44	184.83	trace fine-grained disseminated arsenopyrite in vuggy, diffuse quartz veining in intensely silicified & sericitized sandstone	asp	0.05	vn
174.44	184.83	occassional pyrite blebs in vuggy, diffuse quartz veining in intensely silicified and sericitized sandstone	py	0.1	vn
184.83	187	disseminated pyrite in lithological contact zone andin vuggy veining in iron-carbonate altered phyllite-silt sequence	py	0.1	vn
187	198.32	rare trace fine-grained disseminated pyrite in QPC matrix	py	0.01	diss
198.32	208.02	rare trace fine-grained disseminated pyrite in QPC matrix	py	0.01	diss
208.02	232	trace fine-grained disseminated pyrite in rare quartz veining in phyllite unit	py	0.01	vn

Point Structure

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
8.75	Cleavage	46	So			90			Bedding in phyl
12.5	Cleavage	46	So			85			1mm slst-phyl interbeds
23.65	Cleavage	17	Sx		FOL	40			frac/fol pattern in sndst
23.8	Veins			qtz	SHTV	50			0.5cm wh QV x-cutting sndst
29.15	Contact			chl		40			sharp contact of 2cm blk chl/phyl bed in QPC
29.7	Cleavage	17	Sx	cy	FOL	45			spaced fol in QPC
31.9	Contact	46	So	chl		35			1mm slst interbed in 8cm blk phyl layer
34.55	Veins			qtz	QZVN	50			5cm single wh QV in QPC
34.8	Cleavage	17	Sx	cy	FOL	35			spaced fol in QPC
37.3	Veins			qtz	QZVN	60			2cm s0ingle wh brecciated QV
39.35	Veins			qtz	QZVN	45			35cm wh flt fill QV w/ thin x-cutting fracs infilled w/ QPC at upper and lower QPC contacts
39.6	Veins			qtz	SHTV	60			0.4cm wh QV SHTV, vns spaced ~25cm apart, in QPC
42.1	Cleavage	46	So	py		40			1cm drk gy phyl bed w/ abndt fgr diss py
42.25	Cleavage	17	Sx	chl	FOL	50			gy chl coated 0.4cm spaced fol in QPC
46.1	Veins			qtz	SHTV	45			1mm thick wh QV sheeted vn set spaced 5-25cm apart in QPC
47.35	Veins			qtz	SHTV	25			0.5cm folded wh QV w/ qtz filled AV in QPC
47.35	Cleavage	17	Sx	chl	FOL	25			gy chl lined 1cm-spaced fol in QPC
50.8	Contact	46	So	cy	Gouge	25			upper bedding contact b/w overlying QPC and underlying phy cy gouge zone
51.35	Contact	46	So	cy		30			lower bedding contact b/w overlying graphitic phy and underlying 20cm sil slst interbed
52	Cleavage	46	So			65			2mm gy slst bed w/in blk phyl interval
52.95	Cleavage	46	So			40			1mm blk phyl bed in fgr sndst interval
53.2	Cleavage	46	So			70			0.4cm blk phyl interbed in pale gry slst interval
53.7	Faults			qtz	SZB	5			2cm wide (apparent sinstral movement) shear zone boundary w/ 2.5cm long by 0.5cm wide vuggy wh TVA w/in
54.95	Cleavage	46	So			60			upper bedding contact of sndst interval w/in QPC
59.35	Faults				SZB	5			2cm wide shear zone boundary w/ 2-3.5cm long by 1mm wide wh TVA w/in
60.6	Faults				SZB	20			1.5 cm wide shear zone boundary, bounding 1mm by 1cm long lim alt QV; apparent sinistral movement
65.4	Cleavage	17	Sx	chl	FOL	50			gy chl lined 0.4cm spaced fol in MT-CO.grn
68.85	Cleavage	17	Sx	cy	FOL	15			wh cy filled 0.3 cm spaced fol in cgr snds
71.3	Cleavage	17	Sx	chl	FOL	30			gy/wh chl/cy lined 0.3 cm spaced fol in less brecciated sndst interval w/in QZVN bx
71.3	Veins			qtz	SHTV	40			0.2cm wh QV, part of 5cm spaced sheeted vn set in less bx sndst sxn w/in QZVN bx
72.75	Faults			asp	Gouge	25			Thin phyllite gouge zone within qtz bx zone. Sulphide mineralisation
77.6	Cleavage		Sx		FOL	40			Penetrative mm spaced grey seams through cgr SS
79.25	Cleavage		Sx	SIL	FOL	35			Penetrative mm spaced grey seams through cgr SS
79.25	Veins			SIL	SHTV	35			Foliation concordant 1-3cm thick, 10cm spaced qzvns
80.35	Cleavage		So			65			Phyl/SLT compositional bedding
83.5	Cleavage		So			65			Phyl/SLT compositional bedding
83.5	Cleavage		S1		FOL	35			Wispy flares off phyllite bedding, angle between So and S1 is 80
83.9	Veins				SHTV	35			Foliation concordant thin sheeted offset qzvns in phyl

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
85	Faults			gf	Gouge				Muddy, weak graphitic phyllite
85.2	Cleavage		So			20			Phyl/SLT compositional bedding
85.2	Cleavage		Sx			70			Wispy flares off phyllite bedding, angle between So and S1 is 20
86.1	Faults			gf	Gouge				Muddy, weak graphitic phyllite
87.4	Cleavage		So			50			Phyl/SLT compositional bedding
92.2	Cleavage		So			45			Phyl/SLT compositional bedding
93.5	Cleavage		So			45			Phyl/SLT compositional bedding
95.5	Cleavage		So			60			Phyl/SLT compositional bedding
96.1	Cleavage		Sx		FOL	30			Semi penetrative seams
96.3	Cleavage		So			50			Phyl/SLT compositional bedding
96.3	Cleavage		S1			30			Wispy flares off phyllite bedding, angle between So and S1 is 20
97.7	Faults			gf	Gouge				Friable graphitic gouge
98.9	Cleavage		S1		FOL	0			Wispy flares off phyllite bedding, angle between So and S1 is 50
98.9	Cleavage		So			50			Phyl/SLT compositional bedding
104.6	Cleavage		S1			60			Wispy flares off phyllite bedding, angle between So and S1 is 30
104.6	Cleavage		So			30			Phyl/SLT compositional bedding
107.1	Cleavage		So			50			Phyl/SLT compositional bedding
107.1	Cleavage		S1			15			Wispy flares off phyllite bedding, angle between So and S1 is 35
111.7	Axial Plane					20			
111.7	Cleavage		So			60			Phyl/SLT compositional bedding
113.4	Cleavage		S1			35			Wispy flares off phyllite bedding, angle between So and S1 is 80
113.4	Cleavage		So			25			Phyl/SLT compositional bedding
115.7	Cleavage		So			5			Angle between axial plane and bedding is 10
115.7	Axial Plane					5			
120	Veins			py		55			1cm wh QV w/ diss py throughout, x-cutting So
122.3	Cleavage		So			25			Phyl/SLT compositional bedding
123.6	Cleavage		S1			60			Wispy flares off phyllite bedding, angle between So and S1 is 50
123.6	Cleavage		So			10			Phyl/SLT compositional bedding
124.55	Axial Plane					60			thin vein seams following axial planar cleavage
126.15	Faults				Gouge				friable, weakly graphitic phyl gouge zone
131.5	Cleavage		So			35			Phyl/SLT compositional bedding
133.8	Cleavage		So	py		50			Phyl/SLT compositional bedding with massive py replacing SLT bed
134.4	Cleavage		So			65			Phyl/SLT compositional bedding
134.4	Cleavage		S1			40			Wispy flares off phyllite bedding, angle between So and S1 is 75
139.7	Cleavage		So			40			Phyl/SLT compositional bedding with massive py replacing SLT bed
139.7	Cleavage		S1			25			Wispy flares off phyllite bedding, angle between So and S1 is 15
141.8	Cleavage		So			45			Phyl/SLT compositional bedding with massive py replacing SLT bed
143.9	Cleavage		So			50			Phyl/SLT compositional bedding with massive py replacing SLT bed
147	Cleavage		So			50			Phyl/SLT compositional bedding with massive py replacing SLT bed

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
153.7	Veins			cbt	SHTV	15			5 x 2mm thick, 1cm spaced, vuggy qz-cb sheeted vns. Anlge b/w So and SHTV is 30.
153.7	Cleavage		So			45			Phyl/SLT compositional bedding with massive py replacing SLT bed
155.3	Veins			cbt	QZVN	55			deformed qz-cb vn following phyl bedding/cleavage
156.5	Cleavage		So			50			Phyl/SLT compositional bedding with massive py replacing SLT bed
156.5	Cleavage		S1			50			Cleavage is parallel to bedding
157.2	Veins			py	SHTV	50			repeated, 0.5-1cm thick, vuggy, pyrite mineralized veinlets over 1m width
157.4	Veins				SHTV	50			2 x 1cm thick, 5cm spaced QV in sndst
160	Veins			py	TVA	20			vuggy, deformed tension vein array veinlets -densely packed over 40cm width
160.8	Bedding		So			60			dark grey compositional silt lamellae in silicified sandstone
161.65	Veins			spn	Veinlets	20			~3mm thick, vuggy, intensely sphalerite mineralized quartz veinlet
161.7	Veins			py	SHTV	60			vuggy wh dissolved QV w/ cgr euhed py mineralization
161.7	Veins				QZVN	20			vuggy wh dissolved QV w/ cgr euhed sphalerite mineralization
161.72	Veins			py	Veinlets	60			~0.5cm thick, vuggy, pyrite clustered quartz veinlet
162	Bedding		So			55			dark grey, wispy, compositional silt lamellae in silicified sandstone
162.4	Cleavage		Sx			40			Semi-penetrative seams
163.4	Contact				FOL	55			uper contact of ~40cm thick phyllite-silt interbed concordant to phyllite compositional beddng
163.4	Bedding		So			55			uper contact of ~40cm thick phyllite-silt interbed concordant to phyllite compositional beddng
163.5	Veins			chl		40			singular ~3cm thick fubby quartz vein with diffuse, green chlorite wisps; vein intersects So at 30 degrees
163.7	Faults				FOL	50			2cm gouge wedge at lower contact of ~40cm thick phyllite-silt interbed concordant to compositional bedding
163.7	Bedding		So		Gouge	50			2cm gouge wedge at lower contact of ~40cm thick phyllite-silt interbed concordant to compositional bedding
163.7	Contact				FOL	50			2cm gouge wedge at lower contact of ~40cm thick phyllite-silt interbed concordant to compositional bedding
165.5	Cleavage		Sx	ser		50			sericitized pressure solution seams at ~3 mm spacing in silicified sandstone
167.7	Veins			py	STWK	50			vuggy, grey, intensely sulfide mineralized veinlets over 1.5m width interval
171	Cleavage		So	ser		40			sericitized pressure solution seams at ~3 mm spacing in silicified sandstone
172.2	Cleavage		Sx	ser		45			sericitized pressure solution seams at ~3 mm spacing in silicified sandstone
172.2	Veins			gn		40			pyrrite galena stringer that intersects Sx at right angles with galena rimming pyrite and stretched along Sx
173.63	Cleavage		Ssh	py	QBX	75			alingment of sulfide matrix seams in sheared quartz breccia width
174.1	Veins			py	SHTV	15			3 intensely sulfide mineralized, vuggy veinlets in phyllite-silt interbed over ~40cm width; veinlets intersect compositional bedding So at 70 degrees
174.2	Bedding		So			50			compositional bedding in intensely sulfide mineralized phyllite-silte interbed
174.6	Cleavage		Sx	ser		40			sericitized pressure solution seams at ~1cm spacing in silicified sandstone
178	Cleavage		Sx	ser		65			sericitized pressure solution seams at ~1cm spacing in silicified sandstone
180	Cleavage		Sx	ser		70			sericitized pressure solution seams at ~1cm spacing in silicified sandstone
182.7	Cleavage		So	SOD		65			sericitized pressure solution seams at ~1cm spacing in silicified sandstone
186.25	Bedding		So			60			black interbedded phyllite seams in silicified sandstone

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
188.5	Cleavage		Sx	cy		70			white clay seams in quartz conglomerate at ~8mm spacing
189.8	Cleavage		Ssh			80			stretched aligned clasts in quartz conglomerate over 20cm width localized interval
191.6	Cleavage		Ssh			55			stretched aligned clasts in quartz conglomerate over 70cm width in localized interval
197.2	Cleavage		Sx	ser		70			sericitized pressure solution seams at ~ 0.5cm spacing in silicified sandstone interbed
198.32	Faults				Gouge	70			~8cm thick soft gouge wedge along polished, chloritized planes at both upper and lower contact
198.65	Veins			py	TVA	40			partially vuggy, pyrite mineralized tension vein array over 20cm width
199.2	Cleavage		Ssh			65			Intensely stretched and aligned quartz and high density vuggy 2-4cm thick subparallel quartz veining
199.5	Veins				SHTV	35			Intensely stretched and aligned quartz and high density vuggy 2-4cm thick subparallel quartz veining
199.7	Veins				SHTV	60			Intensely stretched and aligned quartz and high density vuggy 2-4cm thick subparallel quartz veining
200.2	Veins				SHTV	50			Several 1-4cm thick densely spaced quartz veins over 50cm width interval
201.32	Contact				FOL	60			upper contact of phyllite Silt interbed concordant to So
201.67	Bedding				Gouge	50			compositional bedding in phyllite-silt interbed coated by 2mm gouge-clay seam
201.67	Contact				FOL	50			lower contact of phyllite Silt interbed concordant to So
202.46	Faults				Gouge	90			2cm thick gouge wedge in phyllite interbed
202.65	Faults				Gouge	60			5cm thick gouge wedge at lower contact of phyllite interbed
204.6	Veins			py	SHTV	80			3-4cm thick vuggy, pyrite mineralized, parallel veins over 30cm width interval
204.94	Faults								finely crushed QPC over ~30cm width interval - no planar orientation
207	Veins				SHTV	65			1-3cm thick vuggy, parallel veins over 1m width interval
208.02	Bedding		So			40			compositional bedding in phyllite
208.02	Axial Plane				FOL	40			singular folded vein with one axial plane concordant to phyllite So
208.02	Veins			fecb		30			singular folded vein with one axial plane concordant to phyllite So
208.4	Bedding		So			50			compositional bedding in phyllite
208.6	Veins				SHTV	50			slightly vuggy veins concordand to compositional bedding in phyllite and sandstone over 1m width
208.6	Veins				FOL	50			slightly vuggy veins concordand to compositional bedding in phyllite and sandstone over 1m width
209.5	Veins				TVA	20			tension vein array over 10cm width, TVA intersects So at ~70 degree
210	Bedding		So			50			compositional bedding in phyllite
210.32	Bedding					60			compositional bedding in phyllite-silt interbed
211.4	Cleavage		S1			50			continuous, densely spaced parasitic fold profiles [So highly varialbe]
213.3	Axial Plane					60			continuous, densely spaced parasitic fold profiles [So highly varialbe]
214.4	Bedding		So			20			~40cm width open fold profile
214.6	Cleavage		S1			60			S1 intersect So at ~80 degrees
215.4	Bedding		So		Gouge	10			~3mm thick gouge seam along ~70cm width open fold profile
215.5	Axial Plane					40			multiple parasitic, assymetric fold profiles on large scale open fold pofile; AXP intersects So at ~40 degrees
216.2	Bedding		So			20			compositional bedding in phyllite
216.46	Faults				AXP	60			~15cm thick fault gouge emplaced axial planar parallel; intersects So at 90 degrees
217	Faults			py	Gouge	80			~4cm thick, friable, pyrite mineralized wedge subparallel to phyllite So
217.1	Bedding		So			65			compositional bedding in phyllite
219.2	Cleavage		S1			70			in phyllite
220	Axial Plane			fecb	Veinlets	45			iron-carbonate veining - stretched/folded concordant to So

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
220.3	Cleavage		S1			30			S1 intersects So at 20 degrees
220.3	Bedding		So			45			compositional bedding in phyllite
220.43	Faults				Gouge	50			2 gouge seams that rim 3cm phyllite block and that off-set So by 2cm; fault seams intersect So at ~75 degrees
221.2	Bedding		So			75			compositional bedding in phyllite
221.2	Cleavage		S1			45			S1 intersects So at 15 degrees
223	Veins			cbt	SHTV	5			long-running, undulated, <1mm thick, white calcite veinlets (not fully penetrative)
224.27	Cleavage		S1			45			S1 intersects So at 15 degrees
224.47	Bedding		So			70			compositional bedding in phyllite
226.5	Axial Plane					50			multiple parasitic fold profiles
229	Bedding		So			50			compositional bedding in phyllite
229	Cleavage		S1			70			S1 intersects So at 15 degrees
231.4	Bedding		So			40			compositional bedding in phyllite
231.4	Cleavage		S1			50			S1 intersects So at 90 degrees
231.52	Contact			chl	Gouge	70			partial gouging and polished, black chloritic plane at upper contact of conglomerate interbed unit
232.2	Contact				FOL	60			lower contact of conglomerate interbed unit concordant to So in phyllite below
232.2	Bedding		So			60			compositional bedding in phyllite
232.5	Bedding		So			20			compositional bedding in phyllite - open fold profile
232.5	Cleavage		S1			50			S1 intersects So at 30 degrees
234.2	Faults				AXP	80			lower bound of gouge wedge - bisecting fold profile
234.2	Cleavage		S1			80			S1 intersects So at ~80 degrees
234.2	Bedding		So			20			compositional bedding in phyllite
234.2	Faults				Gouge	80			lower bound of gouge wedge - bisecting fold profile
235.3	Bedding		So			40			compositional bedding in phyllite
235.3	Cleavage		S1			60			S1 intersects So at 20 degrees
235.5	Contact			chl	Gouge	50			upper contact of vuggy quartz conglomerate with friable, black chloritized coating along contact plane
236.2	Veins					60			repeated, ~3mm thick, vuggy white quartz veinlets in vuggy quartz conglomerate

Assay Samples

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-002 **Grant No.:** YD07111

Plunge: 75 **Azimuth:** 170 **EOH:** 237

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29852	6	9	2011	Expl Geochem	H-split	MT-Phy
29853	6	9	2011	DUP	Q-Split	MT-Phy
29854	6	9	2011	STND	CDN-GS-8B	MT-Phy
29855	9	12	2011	Expl Geochem	H-split	MT-Phy
29856	12	15	2011	Expl Geochem	H-split	MT-Phy
29857	15	18	2011	Expl Geochem	H-split	MT-Phy
29858	18	21	2011	Expl Geochem	H-split	MT-CO.grn
29859	21	24	2011	Expl Geochem	H-split	MT-CO.grn
29860	24	26	2011	Expl Geochem	H-split	MT-CO.pbl
29861	26	28	2011	Expl Geochem	H-split	MT-CO.pbl
29862	28	30	2011	Expl Geochem	H-split	MT-CO.pbl
29863	30	32.05	2011	Expl Geochem	H-split	MT-CO.pbl
29864	32.05	33.3	2011	Expl Geochem	H-split	MT-CO.grn
29865	33.3	34.3	2011	Expl Geochem	H-split	QZVN.bx
29866	34.3	35.3	2011	Expl Geochem	H-split	QZVN.bx
29867	35.3	37	2011	Expl Geochem	H-split	MT-CO.pbl
29868	37	39	2011	Expl Geochem	H-split	MT-CO.pbl
29869	39	40	2011	Expl Geochem	H-split	MT-CO.pbl
29870	40	41.4	2011	Expl Geochem	H-split	MT-CO.pbl
29871	41.4	41.9	2011	Expl Geochem	H-split	MT-Phy
29872	41.9	44	2011	Expl Geochem	H-split	MT-CO.grn
29873	44	46	2011	Expl Geochem	H-split	MT-CO.grn
29874	46	48	2011	Expl Geochem	H-split	MT-CO.grn
29875	48	49	2011	Expl Geochem	H-split	MT-CO.pbl
29876	49	50.3	2011	Expl Geochem	H-split	MT-CO.grn
29877	50.3	50.8	2011	Expl Geochem	H-split	QZVN.bx
29878	50.8	52.3	2011	Expl Geochem	H-split	MT-Phy
29879	52.3	54	2011	Expl Geochem	H-split	MT-CO.grn
29880	54	56	2011	Expl Geochem	H-split	MT-CO.grn
29881	56	58	2011	Expl Geochem	H-split	MT-CO.grn
29882	58	60	2011	Expl Geochem	H-split	MT-CO.grn
29883	60	62	2011	Expl Geochem	H-split	MT-CO.grn
29884	62	64	2011	Expl Geochem	H-split	MT-CO.grn
29885	64	65.8	2011	Expl Geochem	H-split	MT-CO.grn
29886	65.8	66.5	2011	Expl Geochem	H-split	QZVN.bx
29887	66.5	67	2011	Expl Geochem	H-split	QZVN.bx
29888	67	67.5	2011	Expl Geochem	H-split	QZVN.bx
29890	67.5	68.5	2011	STND	CDN-GS-8B	QZVN.bx
29889	67.5	68.5	2011	Expl Geochem	H-split	QZVN.bx

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-002 **Grant No.:** YD07111

Plunge: 75 **Azimuth:** 170 **EOH:** 237

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29891	67.5	68.5	2011	DUP	Q-Split	QZVN.bx
29892	68.5	69.5	2011	Expl Geochem	H-split	QZVN.bx
29893	69.5	70	2011	Expl Geochem	H-split	QZVN.bx
29894	70	70.5	2011	Expl Geochem	H-split	QZVN.bx
29895	70.5	71.5	2011	Expl Geochem	H-split	QZVN.bx
29896	71.5	72	2011	Expl Geochem	H-split	QZVN.bx
29897	72	72.5	2011	Expl Geochem	H-split	QZVN.bx
29898	72.5	73	2011	Expl Geochem	H-split	QZVN.bx
29899	73	74.2	2011	Expl Geochem	H-split	QZVN.bx
29900	74.2	76	2011	Expl Geochem	H-split	MT-SS.cgr
29901	76	78	2011	Expl Geochem	H-split	MT-SS.cgr
29902	78	79.95	2011	Expl Geochem	H-split	MT-Phy
29903	79.95	81.7	2011	Expl Geochem	H-split	MT-Phy
29904	81.7	84	2011	Expl Geochem	H-split	MT-Phy
29905	84	85	2011	Expl Geochem	H-split	MT-Phy
29906	85	86	2011	Expl Geochem	H-split	MT-Phy
29907	86	87	2011	Expl Geochem	H-split	MT-Phy
29908	87	88	2011	Expl Geochem	H-split	MT-Phy
29909	88	90.4	2011	Expl Geochem	H-split	MT-Phy
29910	90.4	92	2011	Expl Geochem	H-split	MT-Phy
29911	92	94	2011	Expl Geochem	H-split	MT-Phy
29912	94	96	2011	Expl Geochem	H-split	MT-Phy
29913	96	98	2011	Expl Geochem	H-split	MT-Phy
29914	98	100	2011	Expl Geochem	H-split	MT-Phy
29915	100	102	2011	Expl Geochem	H-split	MT-Phy
29916	102	104	2011	Expl Geochem	H-split	MT-Phy
29917	104	105.7	2011	Expl Geochem	H-split	MT-Phy
29918	105.7	107	2011	Expl Geochem	H-split	MT-Phy
29919	107	108.8	2011	Expl Geochem	H-split	MT-Phy
29920	108.8	111	2011	Expl Geochem	H-split	MT-Phy
29921	111	113	2011	Expl Geochem	H-split	MT-Phy
29922	113	115	2011	Expl Geochem	H-split	MT-Phy
29923	115	117	2011	Expl Geochem	H-split	MT-Phy
29924	117	119	2011	Expl Geochem	H-split	MT-Phy
29925	119	121	2011	Expl Geochem	H-split	MT-Phy
29928	121	122	2011	Blank	LWS_2011	
29927	121	122	2011	DUP	Q-Split	MT-Phy
29926	121	122	2011	Expl Geochem	H-split	MT-Phy
29929	122	124	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-002 **Grant No.:** YD07111

Plunge: 75 **Azimuth:** 170 **EOH:** 237

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29930	124	126	2011	Expl Geochem	H-split	MT-Phy
29931	126	128.7	2011	Expl Geochem	H-split	MT-Phy
29932	128.7	131	2011	Expl Geochem	H-split	MT-Phy
29933	131	133	2011	Expl Geochem	H-split	MT-Phy
29934	133	135	2011	Expl Geochem	H-split	MT-Phy
29935	135	137	2011	Expl Geochem	H-split	MT-Phy
29936	137	139	2011	Expl Geochem	H-split	MT-Phy
29937	139	141	2011	Expl Geochem	H-split	MT-Phy
29938	141	143	2011	Expl Geochem	H-split	MT-Phy
29939	143	145	2011	Expl Geochem	H-split	MT-Phy
29940	145	147	2011	Expl Geochem	H-split	MT-Phy
29941	147	149	2011	Expl Geochem	H-split	MT-Phy
29942	149	151	2011	Expl Geochem	H-split	MT-Phy
29943	151	153	2011	Expl Geochem	H-split	MT-Phy
29944	153	155	2011	Expl Geochem	H-split	MT-Phy
29945	155	157	2011	Expl Geochem	H-split	MT-Phy
29946	157	158	2011	Expl Geochem	H-split	MT-Phy
29947	158	159	2011	Expl Geochem	H-split	MT-Phy
29948	159	160	2011	Expl Geochem	H-split	MT-Phy
29949	160	161	2011	Expl Geochem	H-split	MT-Phy
29950	161	162	2011	Expl Geochem	H-split	MT-Phy
29951	162	163	2011	Expl Geochem	H-split	MT-SS
29952	163	164	2011	Expl Geochem	H-split	MT-SS
29953	164	165	2011	Expl Geochem	H-split	MT-SS
29954	165	166	2011	Expl Geochem	H-split	MT-SS
29955	166	167	2011	Expl Geochem	H-split	MT-SS
29956	167	168	2011	Expl Geochem	H-split	MT-SS
29957	168	169	2011	Expl Geochem	H-split	MT-SS
29958	169	170	2011	Expl Geochem	H-split	MT-SS
29959	170	171	2011	Expl Geochem	H-split	MT-SS
29960	171	172	2011	Expl Geochem	H-split	MT-SS
29961	172	173	2011	Expl Geochem	H-split	MT-SS
29964	173	173.5	2011	DUP	H-split	MT-SS
29963	173	173.5	2011	STND	CDN-GS-8B	
29962	173	173.5	2011	Expl Geochem	H-split	MT-SS
29965	173.5	174.1	2011	Expl Geochem	H-split	QZVN.bx
29966	174.1	174.44	2011	Expl Geochem	H-split	MT-SS
29967	174.44	175.5	2011	Expl Geochem	H-split	MT-SS
29968	175.5	177	2011	Expl Geochem	H-split	MT-SS

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Road Showing **Hole ID:** 3ARS-11-002 **Grant No.:** YD07111

Plunge: 75 **Azimuth:** 170 **EOH:** 237

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29969	177	179	2011	Expl Geochem	H-split	MT-SS
29970	179	181	2011	Expl Geochem	H-split	MT-SS
29971	181	183	2011	Expl Geochem	H-split	MT-SS
29972	183	184.83	2011	Expl Geochem	H-split	MT-SS
29973	184.83	186.2	2011	Expl Geochem	H-split	MT-CO
29974	186.2	187	2011	Expl Geochem	H-split	MT-Phy
29975	187	189	2011	Expl Geochem	H-split	MT-CO
29976	189	191	2011	Expl Geochem	H-split	MT-CO
29977	191	193	2011	Expl Geochem	H-split	MT-CO
29978	193	195	2011	Expl Geochem	H-split	MT-CO
29979	195	197	2011	Expl Geochem	H-split	MT-CO
29980	197	199	2011	Expl Geochem	H-split	MT-CO
29981	199	201	2011	Expl Geochem	H-split	MT-CO
29982	201	203	2011	Expl Geochem	H-split	MT-CO
29983	203	205	2011	Expl Geochem	H-split	MT-CO
29984	205	207	2011	Expl Geochem	H-split	MT-CO
29985	207	208.02	2011	Expl Geochem	H-split	MT-CO
29986	208.02	210	2011	Expl Geochem	H-split	MT-Phy
29987	210	211.23	2011	Expl Geochem	H-split	MT-Phy
29988	211.23	213	2011	Expl Geochem	H-split	MT-Phy
29989	213	215	2011	Expl Geochem	H-split	MT-Phy
29990	215	217	2011	Expl Geochem	H-split	MT-Phy
29991	217	219	2011	Expl Geochem	H-split	MT-Phy
29992	219	221	2011	Expl Geochem	H-split	MT-Phy
29993	221	223	2011	Expl Geochem	H-split	MT-Phy
29994	223	225	2011	Expl Geochem	H-split	MT-Phy
29995	225	227	2011	Expl Geochem	H-split	MT-Phy
29996	227	229	2011	Expl Geochem	H-split	MT-Phy
29997	229	230	2011	Expl Geochem	H-split	MT-Phy
30000	230	231.52	2011	Blank	LWS_2011	
29999	230	231.52	2011	DUP	Q-Split	MT-Phy
29998	230	231.52	2011	Expl Geochem	H-split	MT-Phy
31756	231.52	232.2	2011	Expl Geochem	H-split	MT-CO
31757	232.2	233.56	2011	Expl Geochem	H-split	MT-Phy
31758	233.56	234.2	2011	Expl Geochem	H-split	MT-Phy
31759	234.2	235.5	2011	Expl Geochem	H-split	MT-Phy
31760	235.5	237	2011	Expl Geochem	H-split	MT-CO

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 4: Appendix E (Cont.): 2011 Main Zone Diamond Drill Logs

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
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Prepared by:
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Northern Tiger Resources Inc.
March 31, 2012

Appendix E (Cont.)

2011 Drill logs

Main Zone

Main Zone

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010 **Grant No.:** YD07124

Location				Orientation			
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 55		**Start Date:** 29/06/2011	
533715.7	6843826.0			**Azimuth:** 270		**Finish Date:** 02/06/2011	
Elevation:	1567 m	**Grid Name:** NA		**EOH:** 40.0	m	**Status:** Incomplete	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ		**Contractor:** Driftwood	
NAD83	9						

Objective:

The targets for this drill hole are 3-fold; it represents a 25 m infill hole relative to the mineralised section in 3A-10-01, it tests the down dip extension of the 'Discovery' outcrop, and finally it tests the anomalous soil results located up-slope from the Main Zone. Targets expected around 40m and at 73m. The final 100m of this drill hole are specultative testing below the soil anomalies.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
18	52.7	265.94	5818	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3	Casing recovered as quartz vein boulders	Boulder		100.0%	w			lc	1
3	10	up to 5cm thick quartz veining in arkose sandstone that gradually transitions to QPC (quartz-pebble-conglomerate	QZVN		20.0%	w			lc	1
3	10	coarse-grained arkosic sandstone; colour: beige-grey; occasional granule-size (up to 3mm diameter) quartz clasts, clasts are angular to subangular; Contact: gradational contact to below lying Quartz Pebble Conglomerate Composition: 25% Feldspar Clasts, 70% Quartz Clasts, 5% finer grained, dark lithic (mafic) fragments Alteration: intense, pitted, orange-buff iron-carbonate alteration of feldspar clasts Foliation: weak regional foliation @ 53CA (alpha acute angle)	MT-AR	cgr	80.0%	t	qtz	70	lc	1
10	16.4	up to 5cm thick quartz veining in arkose sandstone that gradually transitions to QPC (quartz-pebble-conglomerate	QZVN		20.0%	w			lc	1
10	16.4	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance; Structure: QPC hosts abundant (occassionally vuggy quartz veining of variable width (2mm to 4cm), which is frequently subparallel to cleavage; Mineralization: minor very fine-grained sulfides in veins and in rock matrix; occasional elongation and stretching of feldspar clasts along foliation; mild moblization of platy, transluscent mica along foliation	MT-CO	pbl	80.0%	gy	qtz	75	co	1
16.4	31	QPC hosts abundant (occassionally vuggy quartz veining of variable width (2mm to 4cm), which is frequently subparallel to cleavage; Mineralization: minor very fine-grained sulfides in veins and in rock matrix;	QZVN		5.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 40

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
16.4	31	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance; Structure: QPC hosts abundant (occassionally vuggy quartz veining of variable width (2mm to 4cm), which is frequently subparallel to cleavage; Mineralization: minor very fine-grained sulfides in veins and in rock matrix; occasional elongation and stretching of feldspar clasts along foliation; mild moblization of platy, transluscent mica along foliation	MT-CO	pbl	95.0%	gy	qtz	75	co	1
31	40	intensely fractured (partially mechanical fractures) interval with rubbled fragments of vuggy, iron-carbonate altered quartz vein fragments; some veining exceeds 5cm in thickness and and frequent emplacement subparallel to foliation can be discerned ; iron oxide staining and manganese oxide coating observed in vugs; some rusty, very fine-grained disseminated pyrite	QZVN		20.0%	w			lc	1
31	40	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance; Structure: QPC hosts abundant (occassionally vuggy quartz veining of variable width (2mm to 4cm), which is frequently subparallel to cleavage; Mineralization: minor very fine-grained sulfides in veins and in rock matrix; occasional elongation and stretching of feldspar clasts along foliation; mild moblization of platy, transluscent mica along foliation	MT-CO	pbl	80.0%	gy	qtz	75	co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	39	persistent iron-carbonate alteration of feldspar clasts thourghout entire rock matrix expressed as buff-orange & powdered appearance of feldspar clasts	fecb	1.5	perv	bf
31	40	emplacement of iron carbonate in vuggy quartz veining	fecb	2.5	vn	bf
35.6	37	dark-brown, penetrative manganese oxide staining of quartz pebble conglomerate	meteoric	3	perv	m
39	40	chlorite-sericite coating observed in vugs of rubbled, fragmented quartz veins accompanied by occasional very fine-grained, disseminated arsenopyrite. Interval has low revovery.	chl	1.5	smgr	g
39	40		chl	1.5	vn	
39	40		ARG			

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	40					

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
3	16.4	QZVN		SHTV	
21.05	21.57	QZVN		SHTV	vuggy up to 1cm thick veinlets subparallel to foliation with very fine-grained disseminated sulfides
25.2	25.4	FZ		BFZ	angular broken core coated with ~15% silty clay Interval is bounded by competent core above and below along sharp contacts. Possible fault contacts along 80 degree CA coated with up to 2 cm silty clay
25.4	26	FRAC		BFZ	several jagged, occassional stepped low CA (~30 degree) fracture with <1mm silty clay coating and dark manganese oxide staining - possible fault shadow
31	40	QZVN		BFZ	Extremely broken and rubbled zone with up to 20% quartz veining. Frequent intervals of soft incompetent rock with silty clay coated fragments and sharp boundaries against competent core along foliation. Several up to 50cm long intervals with intensely weathered core with deep manganese oxide penetration. Additionally near EOH a zone with extended quartz clasts (?), which appear elongated parallel to core axis (Tension gashes?)
39.09	39.1	Mafic		Wedge	2 cm thick, black-grey, very fine-grained, non-magneted mafic wedge at 45CA. Wedge is accompanied by parallel, flattened folation in surrounding QPC host rock and thins out in uphole direction.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
16.4	30	recurring, very fine-grained disseminated sulfides in QPC matrix where thin quartz veinlets reoccur parallel to subparallel to foliation	py	1	fol
21.05	21.5	group of up to 1cm thick, vuggy, rust-stained quartz veinlets, subparallel to foliation with very fine-grained disseminated sulfides	asp	1	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
10	Bedding		So			50			regional foliation; no orientation mark available
18.2	Bedding		So			50			regional foliation, no orientation mark available
21.05	Veins					55			vuggy up to 1cm thick quartz veinlets over .45m interval subparallel to foliation with very fine grained disseminated sulfides
21.2	Bedding		So			51			regional foliation, no orientation available
23.7	Bedding		So			52			regional foliation, no orientation mark available
25.2	Faults	34				80			possible (upper) fault contact: jagged high CA break coated with 4cm silty clay
25.4	Faults	34				85			possible (lower) fault contact: jagged high CA fracture coated with 3mm silty clay - bounding competent core below
26.1	Bedding		So			54			regional foliation, no orientation available
26.7	Bedding		So			62	18		regional foliation, orientation mark available; measured 8 cm away from bottom mark in QPC (quartz pebble conglomerate)
32.26	Bedding		So			57			regional foliation, no orientation available
32.7	Veins					46			disseminated sulfides in broken, rubbled quartz vein, ~5-10cm thick at 33m drill run block.
34.5	Bedding		So			52			regional foliation, no orientation available
35.3	Bedding		So			58			regional foliation, no orientation available
39.09	Bedding		So			52			foliation observed in 2cm thick mafic dyke, subparallel to dyke boundary and subparallel to QPC

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	40				

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
39.09	Contact	38				45			DYKE: fine-grained, black mafic wedge (non-magnetic) at 45CA - does not fully penetrate core (thins in uphole direction), ~15cm thick; contains contact concordant foliation
39.8	Bedding		So	ser		75			regional foliation, no orientation available, foliation has smooth, slightly pearly coating (sericite?); foliation core angle signifcantly steepened. Transition from previous foliation core angle not observable due to broken rubbled intervals.

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27701	0	3	2011	Expl Geochem	H-split	QZVN
27702	3	6	2011	Expl Geochem	H-split	QZVN
27703	6	9	2011	Expl Geochem	H-split	QZVN
27717	9	12	2011	Expl Geochem	H-split	QZVN
27704	12	15	2011	Expl Geochem	H-split	QZVN
27705	15	16.4	2011	Expl Geochem	H-split	QZVN
27706	16.4	19.7	2011	Expl Geochem	H-split	MT-CO.pbl
27707	19.7	21.57	2011	Expl Geochem	H-split	MT-CO.pbl
27708	21.57	24	2011	Expl Geochem	H-split	MT-CO.pbl
27711	24	25.2	2011	DUP	Q-Split	DUP
27710	24	25.2	2011	STND	CDN-GS-8B	STND
27709	24	25.2	2011	Expl Geochem	H-split	MT-CO.pbl
27712	25.2	27	2011	Expl Geochem	H-split	MT-CO.pbl
27713	27	30	2011	Expl Geochem	H-split	MT-CO.pbl
27714	30	31	2011	Expl Geochem	H-split	MT-CO.pbl
27715	30	31	2011	Blank	LWS_2011	BLANK
27716	31	35.6	2011	Expl Geochem	H-split	MT-CO.pbl
27718	35.6	36	2011	Expl Geochem	H-split	QZVN
27719	36	39	2011	Expl Geochem	H-split	MT-CO.pbl
27720	39	40	2011	Expl Geochem	H-split	MT-CO.pbl

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533715.7	6843826.0		

Elevation: 1567 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 183.0 m
Core Size: HQ

Start Date: 01/07/2011
Finish Date: 07/07/2011
Status: Incomplete
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
24	61.3	263.74	5856	Reflex	1
75	61.3	261.54	5846	Reflex	1
126	61.8	259.44	5828	Reflex	1
177	62.1	257.94	5835	Reflex	1

Objective:
Restart of 3A-11-10

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	13.5	no core recovered due to unstable ground; bedrock likely begins at less than 3 meter below surface	CASING		100.0%	o			lc	1
13.5	14.3	poor core recovery: rubbled, ground quartz vein fragments (appears massive); dissminated arsenopyrite observed in at least one instance	QZVN		100.0%	w			lc	1
14.3	21.9	generally <1cm thick, low core angle (20-30) quartz veins. Rare vugs in veins. Occasional cross-cutting of veins.	QZVN		5.0%	w			co	1
14.3	21.9	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance; Structure: QPC hosts abundant (occassionally vuggy quartz veining of variable width (2mm to 4cm), which is frequently subparallel to cleavage; Mineralization: minor very fine-grained sulfides in veins and in rock matrix; occasional elongation and stretching of feldspar clasts along foliation; mild moblization of platy, transluscent mica along foliation	MT-CO		95.0%	gy	qtz	75	br	1
21.9	34.68	multiple, dominantly <1cm thick, sheeted veins that run parallel and subparallel (30-40 CA) to foliation, minor vugs.	QZVN		15.0%	w			co	1
21.9	34.68	quartz-pebble-conglomerate (QPC) continued from preceeding unit (14.3m-21.9m): However intensified foliation and intensified chlorite-sericite alteration have led to replacement of pre-existing matrix.	MT-CO		85.0%	g			co	3
34.68	35	Intensely vuggy (up to 4cm diameter vugs) quartz vein with bladed carbonate filling in vugs. Also manganese oxide coating. Several green chlorite seams. Sharp contacts @ 28 CA.	QZVN		100.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
35	50	Quartz veining is abundant and average thickness of veins is about 15cm. Thinner <1cm thick veins are generally foliation concordant. (5% of veins) Veins that occur at low core angles (20-30) frequently cross-cut foliaton. (10%) Vein density and thickness increases in downhole direction with variable core angles and multiple cross-cutting + possible folding.	QZVN		30.0%	w			co	1
35	50	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance; Structure: This QPC unit hosts abundant quartz veining of extensive thinckness (up to 30 cm thick). Quartz veins are frequently subconcordant or concordant to foliation. Occasional folding of quartz veins is observed. Foliation intensity increases in downhole direction of unit.	MT-CO		70.0%	g	qtz	75	co	1
50	53	A very fine-grained sandstone unit with similar compostion than QPC, where discernible. Feldspars ~15% and generall white in colour (no iron carbonate alteration). Upper contact of unit with QPC is not discernible due to fracturing and poorly recovered core (possible fault at upper contact). Unit is heavily chloritized where black chlorite content increases gradually from upper contact of unit to a very sharp contact @ 51.98m in form of black chlorite wedging (alteration fluid?) @45TCA. Upper part of unit shows flowbanding resembling sedimentary load structures alternating between dark green and black. @51.98 m a fine-grained sandstone is observed with only poorly developed cleavage and feldspars devoid of iron-carbonate alteration. @52.70 m the fine-grained sandstone is stockworked by quartz veining and subsequently grades into well-foliated and weakly folded sections with chloritized foliation planes near the units lower contact with the QPC. Sharp black chlorite wedge contact @ ~51.98m @ 52 To Core Axis (TCA) The LOWER CONTACT of the unit @ 53m is sharp against the much coarser grained QPC unit below @ 50TCA.	MT-SS	fgr	100.0%	g			co	1
53	59	Abundant generally <4cm thick, vuggy quartz veins, which appear dominantly parallel to foliation for as low core angle veins subparallel to folation. Vugs have iron-carbonate coating (possibly siderite).	QZVN		15.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	183					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
53	59	quartz-pebble-conglomerate (QPC); colour: grey; Composition: 75% quartz clasts; 20% feldspar clasts; 5% fine grained, dark (mafic?) lithic fragments; clasts are subangular to subrounded; Foliation: persistent weakly developed regional foliation (see point measurements); Alteration: Iron-carbonate alteration of feldspars expressed as buff-orange colour and pitted powdered appearance. Additionally mild pervasive iron oxide staining, accompanied by fragmented intervals with occassional crush. Structure: QPC hosts abundant vuggy quartz veining - generally <4cm width and dominantly concordant to subconcordant to foliaton. Several intensely fragment	MT-CO		85.0%	gy	qtz	75	co	1
59	60.43	Massive Quartz vein	QZVN		100.0%	w			br	1
60.43	72.6	Rare (or poorly recovered), low core angle quartz veining with somewhat brecciated (cohesive) texture.	QZVN	bx	5.0%	w	qtz	100	co	1
60.43	72.6	quartz-pebble-conglomerate (QPC); same lithology as observed in previous QPC units above in this drill hole; almost complete absence of quartz veining. Absence of veining may be due to poor recovery of frequent intensely fractured intervals with thick sandy clay, iron carbonate stained coating.	MT-CO		95.0%	o	qtz	75	co	1
72.6	81.6	Occassional predominanatly low core angle quartz veins. Veining increases into weak shear breccia texture towards bottom of interval.	QZVN	bx	5.0%	w			co	1
72.6	81.6	Significant increase in pebble size of quartz clasts in QPC and alteration of feldspars following a zone of brittle deformation. Average clast diameter: 1cm Composition: 90% Quartz (white and grey); 1% black lithic fragments (appearing stretch along trace regional folation and from 2-4 cm in diameter. About 9% feldspar with distinct yellow-green chlorite and/or epidote clay mineral alteration. (Soft and powdery in consistency.) Additionally iron carbonate overprints on feldspars.	MT-CO	pbl	95.0%	gy	qtz	90	co	1
81.6	86.85	brecciated, stockworked quartz veining	QZVN		20.0%	w			co	1
81.6	86.85	Poorly foliation fine-grained sandstone discernible with iron carbonate alteration of feldspars. Composition: 72% quartz, 25% feldspar, 3% lithic fragments	MT-SS	fgr	35.0%	gy			br	1
81.6	86.85	Black phyllite: Intensely fragmented and iron-stained. Partially gouged. Composition: Exact composition not discernible due to fine-grained nature. Likely high chlorite content. Disseminated euhedral pyrite.	MT-Phy	bx	45.0%	n			fr	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	183					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
86.85	93.7	Intensely brecciated quartz veining with preserved vuging and cohesive, crushed clast infill with intense pervasive iron-carbonate alteration cementing brecciated, angular quartz clasts. Feature abundant disseminated euhedral pyrite crystals of up to 2mm diameter.	QZVN		100.0%	gy		100	co	1
93.7	95.1	Black Phyllite with silt flow banding/laminae. Composition: not easily discernible due to very fine-grained texture. Soft and with polished flexing foliations. Occassional euhedral pyrite.	MT-Phy		100.0%	n			co	1
95.1	105.5	Quartz-Pebble-Conglomerate: Clast sizes ranging fomr 1-8mm Composition: 75% quartz, 24% feldspar, 1% dark lithic fragments Feldspars either highly degraded by dusty white clay alteration or buff-orange iron carbonate alteration. Foliation intensity increases in lower half of interval due to alteration fluid flow.	MT-CO		100.0%	gy	qtz	75	co	1
105.5	128.7	108.80m-110.70m: multiple short fine grained sandstone interbed wedges in black phyllite unit	MT-SS	fgr	1.0%	gy	qtz	75	co	1
105.5	128.7	Quartz veining in black phyllite unit: 90% of veining no more than 2-3cm thick and foliation concordant with phyllite unit, but with very irregular boundaries (warping/flexing). Frequently as folded (foliation concordant) <1cm thick seams. In some cases thicker veining with ingested clasts of black phyllite within quartz veining. No calcite presence observed in veining. However occasional green chlorite wedges within thicker vein material. Disseminated sulfide mineralzation in both veining and in phyllite matrix. [see mineralization]	QZVN		5.0%	w			co	1
105.5	128.7	Black Phyllite: Continuous unit of black phyllite with regular thin laminations of silt bedding. Composition: Extremely fine-grained and compostion therefore difficult to determine without thin-section work. Very high chlorite content. Soft and easily scratched. Appearance: Fairly consistent high core angle foliation. [see point measurements] Mineralized potions with up to 3mm euhedral pyrite grains. [see Mineralization] 108.80m-110.70m: multiple short fine grained sandstone interbed wedges in black phyllite unit	MT-Phy		94.0%	n			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
60	270	183

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
128.7	132.5	coarse grained sand stone with gradational upper and lower contacts Intense zone of low core angle fractures at upper contact with iron staining poorly developed low core angle foliation (fluid flow?) sheeted (<1cm thick) low core ange quartz veinlets subparallel to low core angle fractures Grainsize: 2mm with occassional gravel size clasts. Grainsize increases towards lower bound of unit. Composition: 75% subrounded quartz clasts 20% feldspar with mild clay alteration 5% lithic very fine grained lithic fragments in matrix Generally only weak clay alteration of feldspar clasts (no iron carbonate alteration) Colour: medium grey	QZVN		4.0%	w			co	1
128.7	132.5	coarse grained sand stone with gradational upper and lower contacts Intense zone of low core angle fractures at upper contact with iron staining poorly developed low core angle foliation (fluid flow?) sheeted (<1cm thick) low core ange quartz veinlets subparallel to low core angle fractures Grainsize: 2mm with occassional gravel size clasts. Grainsize increases towards lower bound of unit. Composition: 75% subrounded quartz clasts 20% feldspar with mild clay alteration 5% lithic very fine grained lithic fragments in matrix Generally only weak clay alteration of feldspar clasts (no iron carbonate alteration) Colour: medium grey	MT-SS	cgr	96.0%	gy	qtz	75	co	1
132.5	146.7	Relatively low proportion of quartz veining in upper part of this interval in pre-dominantly gravel size QPC unit. Various types of quartz veining observed. Several shear vein, sheet vein and tension vein arrays as well as massive quart veins. [see structure and mineralization section for details regarding veins]	QZVN		15.0%	w			co	1
132.5	146.7	Quartz-Pebble-Conglomerate (QPC): pre-dominantly gravel size clasts (2-4mm diameter) Composition: 75% subangular quartz clasts, 20% feldspar, 5% finer grained, dark lithic fragments in matrix. Generally on white clay alteration of feldspars. Selective iron-carbonate alteration of feldspars is weakly represented.	MT-CO	fgr	85.0%	gy	qtz	75	br	1
146.7	147.2	Brief interval of grading fine-grained sandstone and phyllite interbeds	MT-Phy		49.0%	n			co	1
146.7	147.2	Brief interval of grading fine-grained sandstone and phyllite interbeds	MT-SS	fgr	51.0%	gy	qtz	75	co	1
147.2	159.7	Quartz-veining in this very coarse grained sandstone interval, which locally grades into gravel size is generally devoid of vugs and limited to <2cm thickness. Quartz veins appear well integrated into rock matrix and are frequently not penetrative with slightly diffuse boundaries. Generally very variable core angles (tension cracks?)	QZVN		5.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
60	270	183

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
147.2	159.7	Coarse grained sandstone with generally poorly developed foliation. Some gravel size clasts witih maximum clast size generally at 3cm. Colour: medium grey Compostion: 75% quartz, 20% feldspar, 5% finer grained lithic fragments selective iron carbonate alteration of feldspars (buff-orange colour)	MT-SS	cgr	95.0%	gy	qtz	75	co	1
159.7	164.9	Rare thin quartz veining and generally subconcordant to phyllite foliation.	QZVN		2.0%	w			co	1
159.7	164.9	Black, highly chloritized and weakly seriticized phyllite with laminar appearance to to silt interbedding. Quartz veining is subconcordant to foliation and cross-cut by multiple tension cracks. Exact composition difficult to discent due to fine-grained nature of unit. Does not appear mineralized.	MT-Phy		98.0%	n			fr	1
164.9	174.3	Some vuggy (<4cm thick) quartz veining at variable orientation	QZVN		2.0%	w			co	1
164.9	174.3	Medium-grained sandstone Colour: grey Composition: 75% quart, 20% feldspar, 5% finer grained dark lithic fragments Feldspars pre-dominantly white and clay altered. Occasional selective iron-carbonate alteration of feldspars. Generally no well developed foliation and somewhat variable grainsize (grading). Fluid inflow (type unknown) appears to have formed localized dark grey lamellae and repeated/regurelar orientation - possiby part of original bedding?	MT-SS	mgr	98.0%	gy	qtz	75	co	1
174.3	183	fine to medium grained (0.5-1mm) sandstone in rythmic interbeds with phyllite bedding with gradational contacts. Interbedding is frequent and almost rhythmic. Composition as seen in units above. Feldspars are generally on mildly clay-altered. No iron-carbonate alteration on feldspars. Interbedding generally at 0.5-1.5m intervals.	MT-SS	fgr	40.0%	gy	qtz	75	co	1
174.3	183	Black phyllite interbedded with fine-grained sandstone with gradational contacts and rather rythmic appearance. Interbeds generally at 0.5-1.5m intervals. Phyllite features thin lighter grey, silty lamellae along foliation.	MT-Phy		60.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	60	270	183				

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
13.5	35	buff-orange to rusty orange selective iron-carbonate replacement of feldspar clasts	fecb	3	smgr	o
13.5	35	Pervasive chlorite overprinting leading to grey-green colour and replacement of pre-existing matrix.	chl	2.5	perv	g
21.9	27.18	Grey-transluscent sericite coating along foliation	ser	2.5	perv	g
50	51.98	Black chlorite interpreted as a fluid flow overprinted a fine-grained sandstone unit. Influx of fluid resembles sedimentary load structures. Terminates in sharp wedge contact @ 51.98 m @ 45TCA. Cross-cut by thin folded (3mm thick) quartz veinlets.	chl	4	perv	n
53	74.1	Additional to common, selective iron-carbonate alteration of feldspar clasts in qpc - a pervase iron-carbonate/iron-oxide staining, as well as iron oxide coating along rough jagged fractures. Frequent brittle deformation/fractures.	fecb	2.5	perv	o
72.6	81.6	Yellow-green clay mineral alteration (chlorite and/or) epidote of feldspar clasts in coarse-grained quartz pebble conglomerate (QPC).	ep	2	smgr	y
86.85	102.2	Iron carbonate alteration fluid staining and fracture coating.	fecb	2.5	perv	o
99	105.5	Fluidflow (type unknown) leading to significant increase in foliation intensity and grain boundary dissolution/stretching in interval above lithlogical contact.		2.5	perv	gy
128.7	129.2	Pervasive Iron staining in intensely fractured interval at lithological contact	fecb	2.5	perv	o
134	149	Iron carbonate coating along frequent low core angle fractures Selective iron carbonate coateing of feldspars in matrix Iron carbonate alteration in quartz veining Pervasive stainin in fragmented intervals	fecb	3.5	smgr	o
156.7	159.7	possible bleaching with fluid influx with sharp boundaries that appears texturally destructive (alignment of thin dark wisps along low core angles); also intervals of friable, very pale grey fragments.		1.5	perv	gy
164.9	168.5	Pale tan orange iron oxide staining in higly fragmented and milled interval (additi onally severely ground by drill); marks contact between phyllite and sandstone	fecb	4	perv	t
181.72	182.7	strectch wedges of olive green chlorite (?) that concur with tension crack veinlets in phyllite [see structure]	chl	2.5	vn	g

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	183					

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
24.94	27.18	FZ	200.0%	stwk	Intensely fragmented, poorly recovered zone with multiple angular fragments that show evidence of thin high core angle and sometimes cross-cutting veinlets. Oxidized iron coating on fracture surfaces combined with sandy silt.
39.9	40.1	QZVN	100.0%	SHTV	multiple <1cm thick sheeted and folded veins that occur subparallel to foliation
42.9	44.1	FZ	200.0%	BFZ	Very poorly recovered interval with intense crushed rock. Gritty sand mixed with rubbled quartz vein fragments. Pervasive iron oxide staining observed. Interval bounds fairly competent rock above and below.
45.7	50	QZVN	100.0%	stwk	Intensely stockworked interval with some veins appearing folded or running subparallel to core axis. Main foliation in QPC appears warped and slightly folded in various instances.
46.9	48.1	SZ	400.0%	DSZ	Not a classic shear zone (low intensity): Original QPC texture is almost completely replaced by chloritization. The usual selective iron carbonate alteration of feldspars is recognizable only as multiple tiny buff-orange, folation concordant wisps. Frequent warping of foliation cleavages. Quartz clasts as well as quartz vein wedges appear elongated and stretched.
50	50.8	FZ	200.0%	BFZ	80cm long interval with only 10cm of core recovered that bounds competent rock above and below. Core recovered consists of angular fragments below 3cm in diameter with occassional sandy, silty coating. May indicate a structural weakness. Fragmentation could have mechanical causes due to occasional dense vein stock working in the interval.
50	51.98	SZ	400.0%	CSZ	intensely chloritzed, catalastic shearzone with locally weakly developed crenulation cleavage [see point depth measurements]; features folded and stockworked quartz veining.
52.8	53.1	QZVN	300.0%	stwk	Stockworked (possibly folded) quartz veining
54	54.5	FZ	300.0%	BFZ	Poorly recovered soft-plastic, grey, silty clay fault gouge with internal iron stained foliation cleavage of 60TCA
72.6	74.1	FZ	200.0%	BFZ	Intensely crushed interval with about 50% recovery: About 40% of recovered particles are <3cm in diameter. This interval of brittle deformation marks both a change in alteration as well as a significant change in grainsize of the QPC unit. Bounded by hard competent core at upper and lower contact.
83	86.5	FZ	400.0%	BFZ	several balck gouge wedges at lithological contact~50% recovery
103.8	104.6	FZ	400.0%	BFZ	Very low strength (can be broken apart by hand), cohesive breccia (likely crushed by drill pressure in parts). Bleached appearance (light grey to white) and features densely disseminated sulfides (predominantly pyrite).
113.3	113.9	FZ	300.0%	BFZ	Brecciated, gouged black phyllite, very friable and emplaced along foliation.
114.5	115.02	QZVN	300.0%	bx	Quartzveining semi-concordant to phyllite foliation with angular wedges of ingested phyllites in vein matrix. Minor small (<2cm diameter), angular wedges of green chlorite.
119.2	119.9	FZ	200.0%	BFZ	Crushed, and partially gouged interval in phyllite emplaced along foliation. Bounding competent rock above and below. Partially soft with plasticity.
125.1	125.5	FZ	200.0%	BFZ	Very poorly recoverd interval bounding competent rock above below. About 10cm recovered. Finely crushed and fragmented phyllite.
129	130.55	QZVN	200.0%	SHTV	Several parallel (1cm) thick 20TCA quartzt veinlets possibly mineralzed but not observed
132.78	133.09	QZVN	100.0%	SHTV	2 closely spaced iron carbonate altered, massive quartz veins @ 23TCA enclosing wedges of wall rock
134.8	134.9	QZVN	200.0%	bx	Intensely fragmented massive quartz vein with clay-rich, iron-carbonate infill
136.5	134	SZ	300.0%	DBSZ	Low grade shearing with localized C-S fabrics and several localized shear veins. Possibly texturally destructive silification.
137.7	139.3	QZVN	200.0%	bx	Large, up to 10cm diameter wedges at low core angles enclosing slightly friable, iron-carbonate altered rock matrix.

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	183					

From	To	Mineral	Intensity	Distribution	Comments
139.3	149	QZVN	200.0%	stwk	Blocky and partially milled interval (not purely mechanical fractures) with iron carbonate coating along fracture and penetrative staining into matrix along open fractures. Partially stockworked by blocky quartz vein wedges and thin tension crack veinlets. Euhedral disseminated pyrites throughout. Increased gouge in breccia matrix at center of interval.
143	145.3	FZ	300.0%	stwk	High content soft, plastic clay matrix enclosing angular wallrock fragments coating quartz stockwork breccia.
156.7	157	SZ	200.0%	TVA	clear boundary, grainsize reduction and tension vein array
158.29	161.34	FZ	200.0%	bx	Zone of weakness near lithological contact between sandstone and phyllite. Several intervals of soft friable core in both rock types with a soft, plastic, cohesive gouge wedge directy at the lithological contact. Lithological contact between units is low core angle and NOT concordant to phyllite foliation.
163.8	163.93	QZVN	200.0%	bx	Folded quartz-veining subconcrodant to phyllite foliation with multiple iron-stained tension cracks and ingested, angular phyllite wedges. Very jagged angular vein boundaries. (Veins are penetrative.)
181.72	182.7	QZVN	200.0%	TVA	multiple

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
13.5	14.3	fine-grained arsenopyrite disseminated in quartz vein	asp	1	vn
102.9	107.5	disseminated pyrites (and occassional arsenopyrite): several very coarse-grained occurrences of densely packed, euhedral, (up to 3mm diameter) pyrite Showing crosses lithological boundaries and focuses around crush breccia zone in center of interval.	py	4	diss
107.5	114.1	Occasional coarse-grained, disseminated, euhedral pyrite. Some finer grained (<1mm) disseminated arsenopyrite. Zone appears to terminate in fault at bottom of interval. Phyllite nad vein hosted.	py	3	diss
114.1	128	Rare very fine-grained disseminated pyrite in phyllite matrix	py	1	diss
136.15	140.95	in rock matrix, grainsize <0.5mm	py	1	diss
142.5	146.3	disseminated in cross-currting folded quartz veins	asp	1	vn
142.5	146.3	disseminated in cross-cutting folded quartz veins	py	1	vn
146.3	156.7	very fine-grained and disseminated in rock matrix	py	1	diss
153.1	153.4	fine-grained disseminated pyrite in wallrock of low core angle quartz vein	py	2	vn
172.7	173	fine-grained, densely disseminated pyrite in wallrock of rusty, vuggy low core angle quartz vein	py	4	vn
174	180.1	small (up to 1mm) blebs of pyrite in wallrock of low core angle quartz veining (~30TCA)	py	1	vn
175.67	175.7	apparent bedding contact of sandstone and phyllite with microscale fishhook folding and euhedral densely disseminated pyrite	py	4	fol
179.27	183	very fine-grained disseminated in wallrock	py	1	diss

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
16.5	Bedding		So	chl		57			regional foliation, no orientation mark available
20	Bedding		So	chl		58			regional foliation, no orientation mark available
21	Bedding		So	ser		66	342		regional foliation, orientation mark available
21.9	Veins			ser	TVA	72			~8cm thick iron-carbonate altered quartz vein with multiple tension cracks perpendicular to wallrock contacts
22.4	Bedding		So	ser		56			regional foliation, no orientation mark available
26	Bedding		So	ser		56			regional foliation, no orientation mark available
30	Veins					43	310		quartz veining with iron-carbonate filled tension cracks parallel to wallrock
33.6	Bedding		So	chl		57			regional foliation, no orientation mark available
34.68	Veins			chl		28			approximately 40 cm thick intensely vuggy quartz vein
35.6	Bedding		So	ser		55			regional foliation, no orientation mark available
39	Bedding		So			54	280		regional foliation, orientation mark available
39.4	Bedding		So			52			regional foliation, no orientation mark available
41.8	Bedding		So			50			regional foliation, no orentation mark available
45.3	Bedding		So	fecb		55			regional foliation
47.5	Bedding		Ssh	fecb		48	115		weak shear foliation
48	Bedding		Ssh	fecb		50	110		weak shear foliation
49	Bedding		So			62			regional foliation in QPC
51.5	Cleavage		Ssh	chl		36			intensely black chloritized, localized shear foliation (cataclasite)
51.8	Cleavage		Ssh	chl		20			crenulation cleavage (peak-to-peak) in cataclastic, chloritized shear zone
51.8	Axial Plane		Fx	chl		45			foldaxes in weakly developed crenulation cleavage in intensely chloritized cataclastic shear zone
51.98	Contact			chl		45			sharp lower contact of intensely chloritized, cataclastic shear zone
53	Contact					50			sharp lower contact between fine-grained sandstone unit and QPC unit below [foliation concordant]
53.3	Bedding		So			50			regional foliation near lithological contact
54.45	Bedding		So	fecb	Gouge	60			dark red, iron-stain foliation cleavage in soft, plastic, dark grey, fault gouge
56.6	Bedding		So			58			
57	Bedding		So			52	350		regional foliation
58	Bedding		So			50			regional foliation
60.43	Contact			fecb		50			sharp lower contact of massive vuggy, at least 1m thick quartz vein (only 50% recovery)
63	Bedding		So			56	320		regional foliation
63.5	Bedding		So			57	300		regional foliation
66	Bedding		So			60	50		regional foliation
67.5	Bedding		So			70			regional foliation
72	Bedding		So			70	90		regional foliation
75	Bedding		So			80	330		very weakly developed regional foliation
75.6	Bedding		So			70			weakly developed regional foliation
79.04	Bedding		So			59			regional foliation, weak
81.7	Bedding		So			50	40		regional foliation, weak
82.7	Bedding		So			35			foliation near sheeted quart veinlets
82.8	Veins				SHTV	45			brief sequence of sheeted quartz veining subparallel to regional foliation

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
84	Faults				Gouge	60			repeated fault gouge emplacement against competent rock sections along 60TCA
84.8	Faults				Gouge	55			multiple gouge wedges against quartz veining
93.55	Bedding		So			58			flexure in well developed foliation near lithological contact
93.7	Bedding		So	chl		51			foliation in Phyllite
96	Bedding		So			40	285		
98.5	Bedding		So			51			
99	Bedding		So			50	255		regional foliation, well developed
103.25	Bedding		So			55			
108	Bedding		So	chl		56	250		regional flexed foliation in phyllite
110.28	Bedding		So	chl		81	110		regional foliation in phyllite with slight flexure
110.4	Bedding		So			81	300		fine-grained sandstone interbed
114.5	Veins					40			vein in cross-cutting vein sets
116	Bedding		So	chl		75			
120	Bedding		So	chl		65	105		regional foliation in phyllite
123	Bedding		So	chl		68	190	88	regional foliation in phyllite with slight fabric lineatio
126	Bedding		So	chl		64			regional foliation in phyllite
128.7	Contact					85			sharp upper contact between phyllite and sandstone
129	Veins			fecb	SHTV	20	250		orientation mark on sheeted vein fragment Confidence in Beta angle measurement ~ 70%
131	Bedding		So			45	60		weakly developed foliation in sandstone
131.23	Veins				TVA	30	300		tension vein array in localized shear zone
131.23	Veins				SZB	71	300		narrow shear zone boundary with rotated, flexing shear veins
132.2	Veins			fecb	Veinlets	20	310		low core angle quartz veins
132.78	Veins			fecb	SHTV	20			2 massive parallel 20TCA iron carbonate altered quartz veins enclosing wedges of QPC wallrock and surrounded by iron carbonate alteration halo that extends beyond contacts with wall rock
133.5	Cleavage		Ssh	chl	bx matrix	69			C-Plane of locally developed C-S Fabric
133.5	Cleavage		Ssh	fecb	bx matrix	30			S-Plane of locally developed C-S fabric
134.9	Joints			fecb	Open	0			wavy jagged fracture with dark brown iron coating and travelling parallel to core axis
136	Bedding		So			35			weakly developed foliation
137	Contact					54			fine-grained black-grey sandstone (hard) block in fractured zone with 4cm diameter, black, subangular phyllite wedge (soft) sharp contacts at 50TCA above and below; contacts are concordant to sandstone foliation - but not to QPC foliation.
137.5	Bedding		So			60			weakly developed foliation in QPC
137.7	Veins			fecb		50	340		brecciated, 4cm vein with tension cracks and crushed wall rock
141.8	Cleavage		Sx			48			fluid influx leading to alignment of dark laminae
142.6	Veins					42			vein in cross-cutting vein sets
144	Veins					30	150		vein in cross-cutting vein sets
144.6	Veins					64			vein in cross-cutting vein sets

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
145.3	Veins					65			vein in cross-cutting vein sets
145.9	Veins					70			vein in cross-cutting vein sets
145.9	Veins					39			vein in cross-cutting vein sets (stockworked appearance)
147	Bedding		So	chl		54	340		foliation in graded phyllite to fine-grained sandstone
147.7	Bedding		So			60	240		poorly developed foliation
153.28	Veins			fecb		30			low core angle quartz vein with wall rock mineralization
156.85	Cleavage		Sx			50	30		possible shearing or alteration fluid influx
157	Veins					60	45		shearzone boundary with tension vein array
158.6	Bedding		So			56			regional foliation in sandstone
161	Bedding		So			81			foliation in friable phyllite
162	Contact				STWK	81	41		sharp contact between quartz stockwork and phyllite
162.93	Bedding		So	chl		69			regional foliation in phyllite
168.2	Contact			fecb		84			sharp fluid flow boundary
169.1	Cleavage		Sx			45			weakly developed
172.5	Cleavage		Sx			42			weakly developed
172.6	Veins			fecb		15	160		2 cm thick quartz vein. Low core anglel and extends for about 0.5 meters. Intense iron staining and large vugs with bladed black iron mineral growth in vugs. Fine grained disseminated sulfides in wallrock.
174	Veins			fecb		35	200		part of a group of low core angle mineralizing quartz veins
174.4	Bedding		So			60			regional foliation
176.3	Bedding		So	chl		78	295		
176.4	Bedding		So			75	202		
177.15	Bedding		So	chl		66			foliation in phyllite
178	Joints			chl	Gouge	52			thin ~2cm thick friable phyllite gouge wedge crosscutting foliation. Gouge contact is at 30 degree actue intersection angle with regional phyllite foliation.
179.25	Bedding		So	chl		88	140		foliation in phyllite
183	Bedding		So	chl		80	155		

Assay Samples

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27721	13.5	14.3	2011	Expl Geochem	H-split	QZVN.v
27722	14.3	16.05	2011	Expl Geochem	H-split	MT-CO
27723	16.05	18	2011	Expl Geochem	H-split	MT-CO
27724	18	20	2011	Expl Geochem	H-split	MT-CO
27725	20	21.9	2011	Expl Geochem	H-split	MT-CO
27726	21.9	23.4	2011	Expl Geochem	H-split	MT-CO
27727	23.4	24.94	2011	Expl Geochem	H-split	MT-CO
27728	24.94	27.18	2011	Expl Geochem	H-split	MT-CO
27729	27.18	30	2011	Expl Geochem	H-split	MT-CO
27730	30	32.25	2011	Expl Geochem	H-split	MT-CO
27731	32.25	34.68	2011	Expl Geochem	H-split	MT-CO
27732	34.68	36.5	2011	Expl Geochem	H-split	QZVN
27733	36.5	38.3	2011	Expl Geochem	H-split	MT-CO
27734	38.3	42	2011	Expl Geochem	H-split	MT-CO
27735	42	42.9	2011	Expl Geochem	H-split	MT-CO
27743	42.9	44.1	2011	Expl Geochem	H-split	MT-CO
27736	44.1	45.7	2011	Expl Geochem	H-split	MT-CO
27737	45.7	46.9	2011	Expl Geochem	H-split	MT-CO
27738	46.9	48.1	2011	Expl Geochem	H-split	MT-CO
27739	48.1	50	2011	Expl Geochem	H-split	MT-CO
27740	50	51.98	2011	Expl Geochem	H-split	MT-SS.fgr
27741	51.98	53.3	2011	Expl Geochem	H-split	QZVN
27742	53.3	54.5	2011	Expl Geochem	H-split	MT-CO
27744	54.5	57	2011	Expl Geochem	H-split	MT-CO
27745	57	59	2011	Expl Geochem	H-split	MT-CO
27746	59	60.43	2011	Expl Geochem	H-split	QZVN
27747	60.43	63	2011	Expl Geochem	H-split	MT-CO
27748	63	66	2011	Expl Geochem	H-split	MT-CO
27749	66	69	2011	Expl Geochem	H-split	QZVN.bx
27750	69	72	2011	Expl Geochem	H-split	QZVN.bx
27751	72	74.1	2011	Expl Geochem	H-split	QZVN.bx
27752	74.1	76.1	2011	Expl Geochem	H-split	MT-CO.pbl
27753	76.1	78	2011	Expl Geochem	H-split	MT-CO.pbl
27754	78	80	2011	Expl Geochem	H-split	MT-CO.pbl
27756	80	81.6	2011	STND	CDN-GS-8B	MT-CO.pbl
27757	80	81.6	2011	DUP	Q-Split	MT-CO.pbl
27755	80	81.6	2011	Expl Geochem	H-split	MT-CO.pbl
27758	81.6	82.35	2011	Expl Geochem	H-split	MT-SS.fgr
27759	82.35	83.8	2011	Expl Geochem	H-split	MT-Phy.bx

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-010A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 183

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27760	83.8	86.85	2011	Expl Geochem	H-split	MT-Phy.bx
27761	86.85	90	2011	Expl Geochem	H-split	QZVN.p
27762	90	92	2011	Expl Geochem	H-split	QZVN.p
27763	92	93.7	2011	Expl Geochem	H-split	QZVN.p
27764	93.7	95.1	2011	Expl Geochem	H-split	MT-Phy.p
27765	95.1	97	2011	Expl Geochem	H-split	MT-CO
27766	97	99	2011	Expl Geochem	H-split	MT-CO
27767	99	101.4	2011	Expl Geochem	H-split	MT-CO
27768	101.4	103.8	2011	Expl Geochem	H-split	MT-Phy
27769	103.8	105.5	2011	Expl Geochem	H-split	MT-CO
27770	105.5	107.5	2011	Expl Geochem	H-split	MT-Phy
27771	107.5	108.8	2011	Expl Geochem	H-split	MT-Phy
27772	108.8	110.7	2011	Expl Geochem	H-split	MT-Phy
27773	110.7	113.3	2011	Expl Geochem	H-split	MT-Phy
27774	113.3	113.9	2011	Expl Geochem	H-split	MT-Phy
27775	113.9	117	2011	Expl Geochem	H-split	QZVN
27776	117	118.3	2011	Expl Geochem	H-split	MT-Phy
27777	118.3	119.9	2011	Expl Geochem	H-split	MT-Phy
27778	119.9	123	2011	Expl Geochem	H-split	MT-Phy
27779	123	126	2011	Expl Geochem	H-split	MT-Phy
27780	126	128.58	2011	Expl Geochem	H-split	MT-Phy
27781	128.58	130.5	2011	Expl Geochem	H-split	MT-SS.cgr
27782	130.5	132.5	2011	Expl Geochem	H-split	MT-CO.fgr
27783	132.5	134.8	2011	Expl Geochem	H-split	QZVN
27784	134.8	136.8	2011	Expl Geochem	H-split	MT-CO.fgr
27785	136.8	138.85	2011	Expl Geochem	H-split	QZVN
27786	138.85	141	2011	Expl Geochem	H-split	MT-CO.fgr
27787	141	142.6	2011	Expl Geochem	H-split	MT-CO.fgr
27788	142.6	145.35	2011	Expl Geochem	H-split	QZVN
27789	145.35	146.7	2011	Expl Geochem	H-split	QZVN
27790	146.7	147.2	2011	Expl Geochem	H-split	MT-Phy
27791	147.2	148.6	2011	Expl Geochem	H-split	QZVN
27792	147.2	148.6	2011	DUP	Q-Split	QZVN
27793	147.2	148.6	2011	Blank	LWS_2011	QZVN
27794	148.8	151.3	2011	Expl Geochem	H-split	MT-SS.cgr
27795	151.3	153	2011	Expl Geochem	H-split	MT-SS.cgr
27796	153	155	2011	Expl Geochem	H-split	MT-SS.cgr
27797	155	156.7	2011	Expl Geochem	H-split	MT-SS.cgr
27798	156.7	159.7	2011	Expl Geochem	H-split	MT-SS.cgr

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-010A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	183					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27799	159.7	161.34	2011	Expl Geochem	H-split	MT-Phy
27800	161.34	163.7	2011	Expl Geochem	H-split	MT-Phy
27801	163.7	164.9	2011	Expl Geochem	H-split	MT-Phy
27802	164.9	168	2011	Expl Geochem	H-split	MT-SS.mgr
27803	168	171	2011	Expl Geochem	H-split	MT-SS.mgr
27804	171	172.6	2011	Expl Geochem	H-split	QZVN
27805	172.6	174.3	2011	Expl Geochem	H-split	QZVN
27806	174.3	175.67	2011	Expl Geochem	H-split	MT-SS.fgr
27807	175.67	177.15	2011	Expl Geochem	H-split	MT-Phy
27808	177.15	179.36	2011	Expl Geochem	H-split	MT-Phy
27809	179.36	181.72	2011	Expl Geochem	H-split	MT-SS.fgr
27810	181.72	183	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Location				Orientation			
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 55		**Start Date:** 08/07/2011	
533710.9	6843876.3			**Azimuth:** 270		**Finish Date:** 13/07/2011	
Elevation:	1559 m	**Grid Name:** NA		**EOH:** 342.0 m		**Status:** Completed	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ		**Contractor:** Driftwood	
NAD83	9						

Objective:
To test for the presence of faulting and associated quartz veining along the strike of the QPC unit intersected in 3A-10-01. The hole will also test the down-dip extension of mineralisation intersected in 3A-10-01. Targets expected at approximately 60m and 115m.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
12	54.7	268.54	5824	Reflex	1
63	55.5	269.14	5829	Reflex	1
114	56.7	267.74	5824	Reflex	1
171	58.9	264.34	5810	Reflex	1
222	60.7	263.64	5833	Reflex	1
246	60	293.84	1047	Reflex	3
273	60.6	264.24	5812	Reflex	1
342	61.8	261.64	5831	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3	no core recovered, casing	CASING		100.0%	n			co	1
3	44.7	quartz veining in black phyllite unit: generally very rare foliation concordant and deformed quartz veining Persistent 3mm thick, slightly vuggy quartz veins that occur foliation concordant and sometimes cross-cutting. Veinlets are generally iron-carbonate altered.	QZVN		2.0%	n			br	1
3	44.7	black phyllite: very fine-grained black unit with high chlorite content. Regional foliation well developed and consistently at low core angle no orientation marks available for this entire interval. (Ezy-Mark Tool needed to be replaced after rods got stuck in previous hole.) Composition difficult to determine due to fine-grained nature of rock matrix. Lower contact of unit is marked by brittle deformation and bounds a folded phyllite unit below. Foliationn cleavages sometimes have a well expressed lineation in form of polished groves and bladed habit of chlorite. Only minor quatz veining and generally no mineralization observed in fine-grained phyllite matrix. Repeated thin (silty) lighter brown-black laminae along foliation.	MT-Phy		98.0%	n			br	1
44.7	45	parallel, white, massive quartz veins @ 36TCA	QZVN		10.0%	w			co	1
44.7	45	vergy fine-grained (0.5mm) sandstone/siltstone with sharp lower contact @ 30TCA. Upper contact with phyllite visible in fragment at 42TCA	MT-SS	fgr	90.0%	gy	qtz	75	co	1
45	52.72	generally vry thin (<1cm thick), sheeted, vuggy, dusty white quartz-carbonate veinlets. Veinlets are either concordant to S1 or frequently intersect axial planes in the folded phyllite wallrock.	QZVN		5.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-011	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	342				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
45	52.72	visibly folded phyllite unit very fine-grained with high chlorite contact and generally dark grey to black colour regular silty laminae unit shows abundant mesoscopic fold structures uper contact with sandstone is sharp along 30TCA	MT-Phy		95.0%	n			co	3
52.72	53.4	iron-stained, slightly vuggy quartz veinlets at variable core angles (sometimes visibly off-set) and not always fully penetrative	QZVN		10.0%	o			co	1
52.72	53.4	very fine-grained, grey-green sandstone with sharp upper and lower contact with phyllite @40-45TCA (parallel) iron staining and dark-green non-pentrative lamellae (chlorite?)	MT-SS	fgr	90.0%	g	qtz	75	co	1
53.4	54	brief, poorly recovered and a highly fragmented phyllite interval very friable and partially dark red iron staining. Sharp upper contact with sandstone [see point measurements]	MT-Phy		100.0%	n			fr	2
54	60.1	generally low core angle quartz veining of variable thickness with small slitted vugs some veining (59-60m) has very diffuse boundaries with iron-carbonate haloes and buff ankerite patches in veining	QZVN		5.0%	o			co	1
54	60.1	coarse -grained sandstone with pervasive iron-staining. Composition: 75% quartz, 20% felspare, 5% dark lithic fragments Grainsize: 1-3mm Clasts are angular to subangular Feldspars appear orange-buff and pitted (FeCb) Lithic fragments are frequently soft, black and angular with up to 2mm grainsize and may be phyllite clasts Contacts of unit are poorly defined due to low recovery and fragmentation Cave-in @ 60M no well-developed foliation fabric discernible	MT-SS	cgr	95.0%	gy	qtz	75	co	1
60.1	60.8	folded phyllite: very fine-grained, black- grey phyllite unite with several clearly visible tight fold profiles High chlorite content - composition difficult to discern due to fine-grained nature of matrix Frequent grey-green silt laminae Upper contact poorly recovered due to cave-in Lower contact poorly recovered due to fault gouge	MT-Phy		100.0%	n			fr	2
60.8	67	Quartz veining is pre-dominantly high core angle and densifies towards bottom of unit.	QZVN		2.0%	w			co	1
60.8	67	Unit features prorgressive grainsize increase in downhole direction from fine to coarse to gravel size Composition: 75% quartz, 23% feldspar, 2% very fine-grained lithic fragments Foliation fabric discernible as dark green lamellae pervasive iron staining lower contact is marked by densely packed sheeted, high core angle quartz veins	MT-SS	mgr	98.0%	gy	qtz	75	co	1
67	73.2	Quartz-veining interspersed throughout interval. Generally <2cm thick with small vugs and iron-carbonate alteration. Predominant trend: high core angle intersecting foliation at an acute angle <40 degrees	QZVN		10.0%	w			co	1
67	73.2	Coarse grained sandstone with intense iron-carbonate staining that penetrate into matrix Quartz clasts appear angular and partially at gravel size. Feldspar are intensely altered and appear as diffuse rusty pits. Unit terminates at poorly recovered fault gouge below. Well developed high core angle foliation fabric @ 65TCA.	MT-SS	cgr	90.0%	o	qtz	75	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-011	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	342				

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
73.2	73.3	angular phyllite fragments in poorly recovered gouge wedge coating high core angle fracture Marks structural contact into highly veined and mineralized unit below.	MT-Phy		100.0%	n			co	1
73.3	86.5	network of predominantly foliation concordant quartz veining - frequently folded and about 0.5-4cm thick Iron-carbonate in vugs and along vein boundaries. Veins also have dark green-grey (chlorite?) rimming Interval is densely mineralized with very fine-grained disseminated sulfides in wallrock and a VG occurrence in veining [see mineralization]	QZVN		35.0%	w			co	1
73.3	86.5	gravel size conglomerate with iron carbonate alteration of feldspar clasts 75% quartz clasts, 20% feldspar clasts, 5% fine-grained matrix Clast size 2-4mm Clasts subangular original texture is generally overprinted by an unknown texturally destructive alteration fluid that accompanies a multitude of (predominantly foliation concordant) quartz veining Unit is terminated by faulting above and below	MT-CO		65.0%	gy	qtz	75	co	1
86.5	87.5	buff-white quartz vein wedges and seems in gouged, mineralized phyllite	QZVN		5.0%	bf			br	1
86.5	87.5	gouged and friable phyllite with multiple dusty white-buff quartz vein wedges & densely dissminated pyrite and (to a lesser) arsenopyrite	MT-Phy		95.0%	n			br	1
87.5	90	Intensely brecciated quartz veining with localized, high core angle foliation and aligned quartz clasts	QZVN	bx	100.0%	w			br	1
90	91.2	Intensely gouged and brecciated phyllite with high degree of sulfide mineralization	MT-Phy		100.0%	n			br	1
91.2	132.7	Veining in folded Phyllite unit is generally in form of dusty white quartz-carbonate seams which are: - frequently folded - occasionally running parallel to axial planes - as tension crack arrays - dominantly concordant to phyllite foliation - devoid of vugs and lack vitreous lustre	QZVN		2.0%	w			co	1
91.2	132.7	Folded Phyllite unit with visible fold phyllite unit with frequent dark laminae and high chlorite content Visible fold profiles throughout Occasional emplacement of dusty white quartz-carbonate seams along axial planes Composition: difficult to determine due to fine-grained nature of matrix	MT-Phy		98.0%	n			co	1
132.7	144	Quartz veining: - pre-dominantly 1-2cm thick - frequently foliation concordant and/or low core angle - some fine-grained disseminated aresenopyrite in veins with vugging and iron minerals - very fractured towards lower contact (to coarser grainsize unit)	QZVN		2.0%	w			br	1
132.7	144	medium grained sandstone that borders coarser grained unit of same composition belo along very fractured interval followed by breccia-gouge wedge @ 144m [GRADATIONAL CONTACT] Compostion: 75% Quartz, 20% Feldspar, 5% lithic fragments/very fine-grained matrix unit is interrupted by brief shale interbed (sharp contacts) @ 152.08m buff-orange iron-carbonate alteration of feldspars clasts are subrounded Grainsize: ~1mm	MT-SS	mgr	98.0%	gy	qtz	75	br	1
144	152.08	quartz veining generally at low core angle and sometimes undulating very vuggy with intense iron staining & bladed iron mineralization. Some very fine-grained disseminated sulfied in vugs.	QZVN		5.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
144	152.08	same composition as preceeding sandstone unit, but coarser grained locally grades into gravel size with subangular quartz clasts of 4mm diameter several intervals of fluid flow that effect textural destruction with dark lamellae (chlorite?) leading to well developed foliation fabric whil other intervals show no or only traces of foliation	MT-SS	cgr	95.0%	gy	qtz	75	co	1
152.08	153.45	intensely iron-stained Phyllite interbed with sharp, faulted contacts [see point structures] Very fine grained with high core angle foliation	MT-Phy		100.0%	n			co	1
153.45	160.85	Quartz veining in this interval almost exclusively low core angle with iron-carbonate coating along vein contacts. Sometimes multiple parallel low core angle veins in dense distribution with slightly diffuse vein boundaries and blebs with up to 3mm diameter pyrite crystals Veins have predominantly small (<2mm) pitted vugs and feature abundant variable grainsize disseminated pyrite.	QZVN		5.0%	w			co	1
153.45	160.85	coarse grained sandstone unit with some gravel size clasts as seen between 132.7-152.08m	MT-SS	cgr	95.0%	gy	qtz	75	co	1
160.85	161.8	very fine-grained sandstone with orange-brown iron staining within highly fragmented interval with low recovery sudden grainsize change part of a zone of brittel deformation Grainsize: 0.5mm Composition: 75% Quartz, 20% Feldspar, 5% fine-grained Matrix and lithic fragments	MT-SS		100.0%	o	qtz	75	lc	1
161.8	162.1	gouged and brecciated wedge of phyllite with high core angle foliation	MT-Phy	bx	100.0%	n			lc	1
162.1	165.71	low core angle quatz veining as observed in interval above (preceeding zone of brittle deformation)	QZVN		5.0%	w			co	1
162.1	165.71	continuation of coars-grained sandstone unit observed preceeding zone of brittle deformation above this unit	MT-SS	cgr	95.0%	gy	qtz	75	co	1
165.71	172.9	very thin (<0.5cm thick), dusty white quartz veinlets that generally cross-ctu foliation and that appear as tension vein arrays low frequency occurrence	QZVN		1.0%	w			co	1
165.71	172.9	phyllite: black grey lamellar banding (grey silt interbeds) with consistently high foliation fabric foliation is high core angle and occassionally flexes UPPER CONTACT of unit is sudden from coarse-grained/gravel size to phyllite along poorly recovered, gouge-coated joint LOWER CONTACT is slightly gradational into finer grained sanstoned interbedding and demarkated by sizeable quartz veining followed by intense iron-stained fragmentation	MT-Phy		99.0%	n			co	1
172.9	185.5	quartz veining in this interval is consistently low core angle and occurs predominantly as sheeted, milky-white, parallel arrays with rather diffuse boundaries. Veins in arrays are not always fully penetrative. Rock matrix between sheeted veins tends to become aligned and elongated. Veins feature small vugs and are sulfide mineralized.	QZVN	s	10.0%	w			co	1
172.9	185.5	Medium to fine-grained sandstone with grey appearance and zones of intense fragmentation and pervasive orange-brown iron-staining Grainisize: 0.5-1.5mm Composition: 75% quartz, 20% feldspar, 5% fine-grained matrix and lithic fragments alteration of feldspars: either dusty white clay or pitted buff-orange iron-carbonate generally no well-developed foliation fabric upper and lower contacts appear gradational and are marked by low core angle fragmentattion. Also significant quartz veining at upper contact	MT-SS	mgr	90.0%	gy	qtz	75	co	1

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
185.5	197.52	Quartz veining in phyllite: Generally a dusty white appearance Quartz veining in sandstone: more vitreous white-grey appearance Orientations: rarely foliation concordant predominantly cross-cut foliation [see point measurements]	QZVN		5.0%	w			co	1
185.5	197.52	Interbedding of very fine-grained sandstone and phyllite at ~0.3-0.5m intervals Contacts between sandstone and phyllite are very sharp and foliation concordant. Foliation angle is consistent, but sometimes flexes. Sandstone grainsze: 0.5mm or smaller Difficult to determine exact composition 75% quartz, 20% feldspar, 5% grey-green matrix and dark lithic fragments (or possibly more dark quartz)	MT-SS	fgr	40.0%	gy	qtz	75	co	1
185.5	197.52	Interbedding of very fine-grained sandstone and phyllite at ~0.3-0.5m intervals Contacts between sandstone and phyllite are very sharp and foliation concordant. Foliation angle is consistent, but sometimes flexes. Phyllite has banded appearance (silt interbeds). occassional iron-stained seams along foliation	MT-Phy		55.0%	n			co	1
197.52	216.1	quartz veining in this phyllite unit has generally a dusty white appearance and does not occur with high frequency. Orientation & Appearance: - generally <1cm thick - interspersed and foliation concrdant - boudinaged & foliation concordant & folded (non-penetrative) - densely spaced sheeted foliation concordant as rare localized occurrences - sulfide (generally pyrite) mineralization in veins and wallrock	QZVN		5.0%	w			co	1
197.52	216.1	folded and generally variable core angle foliation phyllite unit very fine-grained (difficult to determine exact composition) with high chlorite content and locally graphite along foliation. Banded grey silt interbeds. Locally occassionally grades into black (very fine-grained and visibly foliated siltstone (i.e. below quartz vein contact @ 210m	MT-Phy		95.0%	n			co	1
216.1	217.4	several widely spaced (~0.4m) thin low core angle quartz veinlets in dyke	QZVN		1.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
216.1	217.4	Dyke: black-grey quartz-feldspar dyke with rare angular up to 4mm diameter phyllite xenolith very dark grey colour mild alignment and elongation of quartz & feldspar phenocrysts both upper and lower contact along faulting upper contact: gouge lower contact: soft deformation dominant clast grain size ~0.5mm (70%) Quartz & Feldspar phenocrysts up to 3mm diameter very hard and competent Composition: 40% quartz 30% plagioclase 30% mafic crystals Set aside for thinsection by Shaunagh	II-DI	dk	99.0%	n	qtz	75	co	1
217.4	218.82	Fault Zone - soft, brittle deformation - no gouge [strain partioning]: Intense quartz veining: - frequently folded and foliation concordant - massive up to 40cm thick, with irregular boundaries - disjointed, quartz-ankerite wedges that cross-cut foliation PREDOMINANT TREND: concordant to highly variable foliation due to folding	QZVN		30.0%	w			co	1
217.4	218.82	Fault Zone - soft, brittle deformation - no gouge [strain partitioning], rather cohesive, competent phyllite with intensive deformation structures in veining [not shear structures] Unit is also folded in form of variable scale fold profiles with highly variable foliation core angles Interupted briefly by a very fine-grained silt/sandstone interbed with sharp contacts from 218.82-224.01. Black phyllite with lighter grey silt interbedding graphite along some foliation cleavages	MT-Phy		70.0%	n			co	1
218.82	219.51	several generations of veins in sandstone, which are clearly cut-off by faulting along sharp contacts with highly deformed phyllite unit above and below some veins are variable low core angle as thin, diffuse seams some veins up to 2m thick with prominents vugs	QZVN		10.0%	w			co	1
218.82	219.51	medium-grey, fine-grained sandstone unit along hard, sharp contacts with phyllite that are clearly faulted (cut-off quartz veins) Grainsize: 0.5mm (or smaller) Composition: 80% Quartz, 15% Feldspar, 5% fine-grained matrix and lithic fragments	MT-SS	fgr	90.0%	gy	qtz	75	co	1
219.51	228.15	Fault Zone - soft, brittle deformation - no gouge [strain partioning]: Intense quartz veining: - frequently folded and foliation concordant - massive up to 40cm thick, with irregular boundaries - disjointed, quartz-ankerite wedges that cross-cut foliation PREDOMINANT TREND: concordant to highly variable foliation due to folding	QZVN		30.0%	w			co	2
219.51	228.15	Fault Zone - soft, brittle deformation - no gouge [strain partitioning], rather cohesive, competent phyllite with intensive deformation structures in veining [not shear structures] Unit is also folded in form of variable scale fold profiles with highly variable foliation core angles Interupted briefly by a very fine-grained silt/sandstone interbed with sharp contacts from 218.82-224.01. Black phyllite with lighter grey silt interbedding graphite along some foliation cleavages	MT-Phy		70.0%	n			co	2
228.15	228.45	low core angle quartz veining in silicified sandstone wedge	QZVN		10.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
228.15	228.45	silicified sandstone wedge emplaced along planar contacts @ 35TCA	MT-SS	mgr	90.0%	gy			co	1
228.45	229.8	banded, black-grey phyllite wedge along sharp (faulted contacts) with folded foliation fabric	MT-Phy		100.0%	n			co	1
229.8	252.7	Variable core angle, variable thickness quartz veining (1-4 thickness). Interval is intensely fragmented by mechanical breaks. Difficult to determine vein orienations. mineralization in both veins and wallrock veins have very clear, bright white appearance [see point measurements generally no prominent iron-carbonate alteration in veining	QZVN		20.0%	w			co	1
229.8	252.7	Silicified sandstone with abundant disseminated pyrite and to a lesser arsenopyrite. no well developed foliation fabric Grainsize: 0.5-1mm Pyrite consistently 1-2% Arsenopyrite more fine-grained and concentration varies Rock is subject to intense mechanical fracturing [shattered and fragmented almost throughout entire interval]. Silica alteration is texturally destructive and obscurs original composition.. Rock Matrix is so intensely silicified that only quartz clasts appear preserved. No iron-carbonate alteraition of feldspars (unlike previous). Upper contact with phyllite wedge is sharp, low core angle and slightly gouged [point measurements].	MT-SS	mgr	80.0%	gy			co	1
252.7	253.7	very poorly recovered, friable interval of phyllite emplaced at 20TCA at lower contact	MT-Phy		100.0%	n			lc	3
253.7	259.8	quartz veining accompanying silicified and mineralized sandstone continued from above	QZVN		20.0%	w			co	1
253.7	259.8	silicified mineralized sandstone continued from above	MT-SS	mgr	80.0%	gy			co	1
259.8	261.8	Soft Deformation Fault Zone: Veins are jagged, densely spaced and multiply off-set with prominent buff iron-carbonate patches	QZVN		40.0%	bf			co	3
259.8	261.8	Soft Deformation Fault Zone: phyllite is brecciated by dense network of offset quartz veining	MT-Phy		60.0%	n			co	3
261.8	274.9	- only rare quartz veining and predominantly as thin (<1cm thick) seams - predominantly not foliation concordant - several short (up 20cm long) localized packages of tension vein arrays - dusty white appearance - less quartz veining (& mineralization in lower half of interval)	QZVN		2.0%	w			fr	2
261.8	274.9	Very different from preceeding phyllite units: - lacks the previously seen grey, lamellar silt stone interbeds [uniform black colour] - rather low percentage of veining [except a few tension vein array packages on a short 20cm scale] - several interspersed gouged intevals - well developed foliation fabric - less quartz veining (& mineralization in lower half of interval)	MT-Phy		98.0%	n			fr	2
274.9	278	highly fragmented (likely mechanically) zone with intense deformation: densely distributed veining with high intensity mineralization and prominent buff-white ankerite patches in veining multitude of quartz vein orientation combined with mechanical fragmentation gives brecciated appearance disseminated pyrite in veins and wallrock no lamellar silt interbeds - phyllite is uniformly black	QZVN		40.0%	bf			br	3

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
274.9	278	highly fragmented (likely mechanically) zone with intense deformation: densely distributed veining with high intensity mineralization and prominent buff-white ankerite patches in veining multitude of quartz vein orientation combined with mechanical fragmentation gives brecciated appearance disseminated pyrite in veins and wallrock no lamellar silt interbeds - phyllite is uniformly black	MT-Phy	bx	60.0%	n			br	3
278	282.7	Quartz veining in silicified sandstone unit is milky white in appearance and shows no signs of vugs. Pyrite mineralization Orientation trends for quartz veining: - high core angle [60TCA] as thin sheeted, slightly diffuse seams - low core angle and sometimes undulated [20-40TCA] High degree of fragmentation makes recognition of vein patters challenging.	QZVN		15.0%	w			br	1
278	282.7	Intensely silicified sandstone transitional 1m interval in beginning showing sand/silt/clay interbedding - contact to silicified sandstone may also be sharp - but poor recovery at end of run. - silicified Sandstone shows leaching of feldspars [textural destruction] - grain boundaries of quartz appear diffuse and quartz light grey colour - Grainsize: 1-1.5mm Original composition difficult to determine due to alteration intensity Mineralization: very fine-grained, disseminated pyrite (not very high intensity in comparison to previous silicified sandstone unit in this hole that lies uphole	MT-SS	mgr	85.0%	gy			br	1
282.7	285.64	crushed quartz veining as white angular fragments in phyllite fault gouge/breccia	QZVN	bx	10.0%	w			br	4
282.7	285.64	Intensely gouged with only localized competent, foliated blocks, plasticity ranges depending on moinsture content and localized preservation of competence. Part of a large continuous structure that ranges downhole to 325.85m. Phyllite lithology is briefly interupted by interbedding. May contain crushed quartz veining (white fragments) - but not easily discernible.	MT-Phy	bx	90.0%	n			br	4
285.64	288	fragmented and gouged medium-grained, light grey sandstone [mild debate on whetther this might be a dyke?] Grainsize: 1mm [equigrangular] Composition: 70% grey quartz, 25% dusty white, clay altered feldspar, 5% black-grey lithic fragments feldspar appears angular soft and friable	MT-SS	bx	100.0%	gy			br	4
288	327.2	crushed quartz veining as white angular fragments in phyllite fault gouge/breccia Lower half of unit has more competent interspersed intervals and some tension veine arrays are discernible [high core angle and branching out parallel to core axis]	QZVN	bx	10.0%	w			br	4
288	327.2	Intensely gouged with only localized competent, foliated blocks, plasticity ranges depending on moinsture content and localized preservation of competence.	MT-Phy	bx	90.0%	n			br	4
327.2	342	variable orienation, <2cm thick veinlets	QZVN		5.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
327.2	342	Light grey sandstone with occassional short gradational phyllite interbeds. Interbeds are truly gradational with larger, well-rounded quartz clasts loading into phyllite silt banding. Sandstone: Grainsize: 0.5-1mm [pre-dominantly equigranular] Quartz pre-dominates and rock possibly experienced weak silicification and textural destruction. Phyllite interbeds also appear locally hardened and vitreous in appearance due to silicification. minor fine-grained disseminated pyrite PHYLLITE interbeds have grey silt lamellar interbeds interchanging with black clay interbeds	MT-Phy		15.0%	n			co	1
327.2	342	Light grey sandstone with occassional short gradational phyllite interbeds. Interbeds are truly gradational with larger, well-rounded quartz clasts loading into phyllite silt banding. Sandstone: Grainsize: 0.5-1mm [pre-dominantly equigranular] 80% quartz - but altered by fluid influx, 18% dusty, white feldspar, 2% lithic fragments Quartz pre-dominates and rock possibly experienced weak silicification and textural destruction. Phyllite interbeds also appear locally hardened and vitreous in appearance due to silicification. minor fine-grained disseminated pyrite	MT-SS	fgr	80.0%	gy			co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	60	red-brown iron staining generally along fractures along regional foliation and occasionally other core angles. Weakly expressed, but persistent throughout the entire interval.	fecb	1	frac	m
16	16.6	grey-green chlorite seams as part of tension vein network	chl	2.5	vn	g
41	44.7	organge-brown iron-staining in zone of brittle deformation	fecb	3.5	frac	o
44.7	52.72	persistent iron coating along cleavages (2 cleavages observed), frequent thin quartz-carbonate seams with dusty white appearance	fecb	2	frac	o
52.72	54	weak pervasive iron staining	fecb	1	perv	o
54	60.1	pervasive iron-carbonate staining	fecb	3	perv	o
60.1	72.9	pervasive iron-carbonate staining	fecb	2	perv	o
72.9	86.5		fecb	1.5	vn	o
75.35	75.35	localized epidote/chlorite replacement on well defined feldspar clasts	ep	1.5	smgr	g
76.85	77	very sudden intensely iron-stained (orange brown) interval with more intense weathering than surrounding rock	fecb	4	perv	o
128.4	128.6	@128.4m visible gold mineralization in in hematized/iron-carbonated stained gouge wedge emplaced between 2 parallel, low core angle, vuggy, grey quartz veinlets (very fine-grained specs)-- about 15cm thick intercept	fecb	4	vn	m
132.7	152.1		fecb	2	smgr	bf
150.3	153.45	intense iron-staining at lithological contact	fecb	4	perv	o
152.1	165.71	on feldspar clasts, as and as pervasive fracture coating	fecb	2	perv	o
152.1	165.71	especially intense in vuggy, low core angle quartz veining and as dark red-brown, bladed iron minerals	fecb	3	vn	o
165.71	185.5	iron-staining less intense locally but always present in veins and healed fractures. Also intervals that are penetrativey stained.	fecb	4	perv	o
229.8	259.8	light grey, pervasive and texturally destructive with large influx of disseminated pyrite and arsenopyrite	sil	4	perv	w
259.8	261.8	prominent patches on quartz veining	fecb	4	vn	bf
274.9	278	ankerite as patches on highly deformed veining	fecb	4	vn	bf

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
278	282.7	light grey, texturallly destructive, pervasive silicification in sandstone appears to effect a leaching of feldspars, predominantly quartz, but darker lithic fragments preserved original texture discernible in first meter of interval and shows abundant feldspar presence	sil	3	perv	gy

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
9.02	9.24	QZVN	300.0%	SHTV	multiple intensely iron-carbonate stained (not vuggy) quartzveining crosscutting folded foliation. Vein boundaries are jagged and deformed. [see point structure]; grooved lineatiosn visible in axial fold plane cleavages
16	16.6	QZVN	300.0%	TVA	Multiple thin seams of green-grey chlorite as well as a folded quartz-iron-carbonate-veinlets - aligned along foliation.
37	40	FZ	300.0%	BFZ	Very poorly recovered soft, friable interval with minor iron staining. Crushed phyllite and fragmenation with about 20% gritty silt matrix (where recovered)
41	44.7	FZ	300.0%	BFZ	About 1.6m of core recovered for this 3.5m long structural interval Very friable and shattered with intense iron-staining Larger fragments show fold profiles. Also contains rubbled fragments of a rubbled, vuggy, iron-carbonate altered quartz vein.
65.9	67.4	QZVN	300.0%	SHTV	mulitple densely spaced <2cm thick sheeted high core angle quartz veinlets in zone of fluid flow, intensified foliation and textural destruction veins @ 72 TCA
81.35	83.4	QZVN	300.0%		Several massive buff-white quartz veins whith dark green-gey chlorite wedges, seams and lamellae. Veins are about 20-40cm thick. Veins are situated above major fault structure. Gold mineralization observed
83.4	86.5	QZVN	200.0%	stwk	multiple somewhat diffuse, variable core angle and multiply intersect quartz veins with stockworked/fragmented appearance and ironstaining. Wallrock matrix appears fine-grained and green-grey in appearance (fluid-flow or fine-grained sandstone?)
85.38	91.2	FZ	300.0%	BFZ	Extensive brittle fault zone at that extends over lithological boundaries and is intensely sulfide mineralized with predominantly disseminated pyrite Texture: 0.1-1.5cm angular fragments in gouge clay/silt matrix
91.2	92.3				competent phyllite interval following brittle fault zone with evidence of folding and multiple off-set, folded quartz seams/veins
92.3	92.65	FZ	300.0%	BFZ	gouged, fragmentd friable interval in phyllite unit
93	96.5	FZ	200.0%	BFZ	multiple gouge wedges emplaced along non-planar surface and bounding competent intervals of phyllite
96.5	99.2		200.0%		Persistent iron-stained, grooved low core angle fractures along foliation in interval below faut zone
107.4	107.55	FZ	200.0%	BFZ	Low core angle, iron-stained veining bordering friable fragments, multiple tension veins
117	120	FZ	200.0%	BFZ	blocky and friable along high core angle foliation, poorly recovered
128.4	128.6	QZVN	300.0%	BFZ	gold mineralized intercept with low core angle gouge emplacement and densely distributed quartz veining. Veining: - <2cm thick - foliation concordant - dusty-white colour - some tension crack arrays perpendicular to foliation @128.4m visible gold mineralization in in hematized/iron-carbonated stained gouge wedge emplaced between 2 parallel, low core angle, vuggy, grey quartz veinlets (very fine-grained specs)-- about 15cm thick intercept
130.5	133.7	FZ	100.0%	BFZ	Blocky and iron-stained at lithological contact with small abount of friable core
144	147	QZVN	400.0%	SHTV	iron-stained fractures along vuggy low core angle quartz veining that runs subparallel to core axis and clusters of pyrite (+ some aresenopyrite) in vugs

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From	To	Mineral	Intensity	Distribution	Comments
160.85	163	FZ	300.0%	BFZ	Intensely fragmented, poorly recovered interval with orange-brown iron staining and mixed lithologies - also a gouge wedge with angular phyllite fragments.
172.9	173.4	QZVN	200.0%	BFZ	45TCA quartx vein with arsenopyrite bleb brittle-deformation lithological boundary
181.5	185.5	QZVN	400.0%	SHTV	densely spaced (<1cm thick) low core angle quartz veins with high degree of disseminated sulfides and stretching of wallrock matrix between veins
191.33	191.88	FZ	400.0%	BFZ	soft, gouged fragmented zone bounding competent rock
204.5	205.2	QZVN	400.0%	TVA	off-set, dusty white tension veins in phyllite and predominantly parallel to core axis, pyrite mineralization in wallrock & veining
215.9	216.1	FZ	300.0%	BFZ	gouge friable interval along foliation with lithological change at lower contact
219.51	228.51	FZ	300.0%	BFZ	Fault Zone - soft, brittle deformation - no gouge [strain partioning]: Intense quartz veining: - frequently folded and foliation concordant - massive up to 40cm thick, with irregular boundaries - disjointed, quartz-ankerite wedges that cross-cut foliation PREDOMINANT TREND: concordant to highly variable foliation due to folding
259.8	261.8	FZ	400.0%	stwk	generally competent, but highly deformed with multiply offset, jagged veins and pyrite stringer mineralization
261.8	274.9	FZ	200.0%	BFZ	regular intersperse gouge wedges over 20-40cm and emplaced at ~30-40TCA om otherwise relatively competent black phyllite
274.9	278	QZVN	400.0%	bx	highly deformed and mechanincally fragmented [see lithological interval for description]
282.5	282.7	FZ	400.0%	bx	brecciated, cohesive, low strength silicified sandstone bounding a gouged fault structure with phyllite lithology below
282.7	327.2	FZ	400.0%	BFZ	Predominantly phyllite lithology with locally competent blocs with foliation fabric. Large extensive structure with phyllite ranging from gouged to friable. Competence increases gradually towards lower end of interval. Foliation present throughout. Unit is also folded.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
7.3	17	occassional rare, very fine grained, singular grains of silver metallic mineral in phyllite rock matrix	asp	1	diss
73.3	86.5	0.5-1% -- associated with densely distrubted (pre-dominantly foliation concordant) quartz veining - rare blebs and mostly very fine-grained disseminated in vein wallrock and in veining	asp	3	vn
73.3	86.5	1-2% -- associated with densely distrubted (pre-dominantly foliation concordant) quartz veining - rare blebs and mostly very fine-grained disseminated in vein wallrock and in veining	py	4	vn
81.35	83.4	2 very fine-grained specs of visible gold in foliation concordant quartz veining	Au	2	vn
83.4	91.2	FAULT ZONE mineralization: generally <0.5mm diameter dissminated pyrite and frequently euhedral, occasionally in gouge in clusters of up to 3mm per euhedral pyrite crystal	py	4	vn
83.4	91.2	FAULT ZONE mineralization: <0.5mm diameter disseminated arsenopyrite in fault gouge arsenopyrite mineralization especially intensified in brecciated quartz veining between 94.40-96m	asp	3	vn
123.35	123.36	fine-grained disseminated pyrite in dusty white, 65TCA, foliation discordant quartz veinlet	py	1	fol
128.4	128.6	@128.4m visible gold mineralization in in hematized/iron-carbonated stained gouge wedge emplaced between 2 parallel, low core angle, vuggy, grey quartz veinlets (very fine-grained specs)-- about 15cm thick intercept	Au	2	vn
132	132.15	disseminated pyrite in foliation concordant veining cross-cut by tension veins near lithological contact	py	2	vn
132.12	165.71	fine-grained disseminated pyrite in low core angle vuggy <2cm thick quartz veining	py	2	vn

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From:	To:	Comments	Mineral	Percent	Distribution
132.12	165.71	fine-grained disseminated arsenopyrite in low core angle vuggy <2cm thick quartz veining	asp	1	vn
132.7	132.12	very fine-grained disseminated arsenopyrite in intensely vuggy, low core angle quartz veinlet with dark-brown iron carbonate crystals	asp	3	vn
146.8	146.82	cluster of pyrite in undulated low core angle tension vein array with intense iron staining	py	4	vn
172.9	173.4	1.5 cm arsenopyrite bleb in 45TCA, 50cm thick quartz vein with chloritized wallrock at brittle deformation lithological boundary, gouge at lower vein contact	asp	4	vn
173.4	181.5		asp	2	vn
173.4	181.5		py	2	vn
181.5	185.5		asp	4	vn
181.5	185.5		py	3	vn
185.5	195.92	fine-grained disseminated pyrite and rare stringers in quartz veining in both phyllite and fine-grained sandstone interbeds [see point measurements]	py	1	vn
197.52	212.83	euhedral, partially clustered, flattened pyrite in veining and wallrock of quartz veining in phyllite unit. Generally concentrated in brief (0.5m) zone of foliation concordant, sheeted veining or tension vein arryas	py	2	vn
205.2	206.47	disseminated and pyrite stringer mineralization along folded phyllie foliation	py	3	vn
207.1	207.6	pyrite stringer foliation (2mm thick stringers) in sheeted, foliation concordant quartz veining	py	4	vn
212.83	216.1	frequent grey-green foliation concordant, possibly chloritic banding. Very fine-grained disseminated pyrite in matrix and does not appear to be associated wih vwininf	py	4	fol
217.4	218.82	disseminated and clustered pyrite in densely distributed quartz veining and wallrock	py	4	vn
219.51	228.1	disseminated and clustered pyrite in densely distributed quartz veining and wallrock also platy fine-grained disseminated pyrite along foliation (independent of veining) towards lower contact of interval	py	4	vn
221	228.1	fine-grained, singular grains in folded quartz veining	asp	2	vn
227.6	227.65	clustered chalcopyrite in low core angle quartz veining in siltstone interbed fragment [also pyrite present]	cpy	3	vn
229.8	259.8	dissemianted in silicified rock matrix and in veining	py	4	perv
229.8	259.8	disseminated in silicified rock marix and in veining	asp	2	perv
259.8	261.8	possibly very fine-grained disseminated	asp	1	vn
259.8	261.8	highly deformed sone with pyrite stringers along vein off-sets	py	4	vn
261.8	270	abundant dissemianted pyrite in veining; possibly a trend for more intense pyrite mineralisation in foliation discordant veinlets	py	2	vn
274.9	279	pyrite in vein deformation [possibly brecciation], disseminated and in flattened clusters	py	4	vn
279	282.7	very fine-grained disseminated pyrite in silicified sandstone. Not spotted in veining in this interval.	py	1	perv
282.7	327.2	disseminated pyrite in veining and gouge in zone of intense brittle deformation	py	2	diss
299.4	300	disseminated in very thin gouged vein fragments that appear foliation concordant at low core angles	py	4	vn
310	312	prominent pyrite blebs in repeated quartz-calcite seams	py	4	vn
327.2	342	spotty and disseminated - possibly wallrock mineralization	py	1	diss

Point Structure

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
6	Bedding		So	chl		35			compositional bedding
6	Cleavage		S1	fecb	AXP	50			well expressed cleaving and iron-carbonate seams along S1
8.8	Bedding		So	chl		30			compositional bedding
9.05	Bedding		So	chl		50			compositional bedding in upper fold limb
9.06	Axial Plane		Fx	fecb		65		52	axial plane in visible fold profile with about 65 degree interlimb angle intense grooves along axial planar cleavage
9.06	Veins			fecb	AXP	60			multiple <2cm thick iron-carbonate altered quartz veins parallel to axial plane of visible microfolds nd cross-cutting fold profile
9.06	Lineation			fecb		60		52	axial plane in visible fold profile with about 65 degree interlimb angle intense grooves along axial planar cleavage
9.08	Bedding		So	chl		70			compositional bedding in lower fold limb
10.5	Bedding		So	chl		30			compostional laminae
11	Cleavage		S1	fecb		63			clearly visible fabric and cleaving
11	Bedding		So	chl		44			expressed as regularily aligned laminae & cleaving
12.9	Veins			fecb	AXP	58			mechanically induced cleaving as well as very thing iron-quartz-carbonate seams that regulariy occur at this orientation
12.9	Bedding		So	chl		30			compositional laminae and cleaving
14.5	Bedding		So	chl		36			compositional laminae and cleaving
16.3	Axial Plane				FOL	65			tightly folded, 0.5cm thick quartz-carbonate veinlet with axial plane parallel to So Foliation of surrounding wallrock
16.3	Veins			fecb		65			tightly folded, 0.5cm thick quartz-carbonate veinlet with axial plane parallel to So Foliation of surrounding wallrock
16.5	Cleavage		Ssh	fecb		66			localized C-S fabric over 2-3 cm
16.5	Bedding		So	chl		32			compositional laminae and cleaving
17	Faults				Gouge	30			fracture along foliation coated with soft friable (poorly recovered) angular phyllite fragments in clay matrix possibly quite a bit more extensive than the 10cm worth of material remaining
22	Bedding		So	chl		30			compositional laminae and cleaving
25	Bedding		So	chl		30			compositional bedding
25	Faults				Gouge	40			Poorly reccovred interval. Measurement taken on fragment where crush and gouge are coating a foliation cleavage with intense iron-staining in wall rock
28	Bedding		So	chl		29			compositional bedding
33.4	Bedding		So	chl		29			compositional bedding
39.4	Bedding		So	fecb		26			compositional bedding
43	Veins			fecb	bx matrix				fragmented quartz vein (20cm fragment) with stockworked iron-carbonate seam and in vugs chlorite wedges in vein and wallrock
43.4	Bedding		So			33			upper fold limb
43.6	Axial Plane		Fx						measured axial plane of visible fold profile of closed fold
43.7	Bedding		So			30			lower fold limb
44.6	Bedding		So			40			foliation fabric on blocky fragment

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
44.7	Contact					42			upper contact of fine-grained sandstone
45	Contact					30			lower contact of fine-graine sandstone
46	Bedding		So			30			regional foliation
47.49	Bedding		So			30			upper fold limb
47.5	Axial Plane		Fx			40			visible closed fold profile
47.51	Bedding		So			45			lower fold limb
47.6	Veins				AXP	40			vuggy iron-quartz carbonate seams running parallel to axial plane
48.1	Veins				AXP	20			folded quartz-carbonte veinlets subparallel to axial planes of visible fold profiles
48.7	Veins				AXP	36			multiple quartz-carbonate veinlets intersecting axial fold planes
48.7	Veins				SHTV	36			multiple quartz-carbonate veinlets intersecting axial fold planes
50.44	Bedding		So			90			upper fold limb
50.45	Veins		Fx		AXP	45			multiple quartz-carbonate seams along and parallel to axial fold plane
50.47	Bedding		So			34			lower fold limb
51.6	Bedding		So			20			laminated cleavage cross-cut by axial plane cleavage observed previously
51.6	Cleavage		S1			50			cleavage parallel to axial plane
51.9	Bedding		So			32			cleavage along compositional laminae
51.9	Cleavage		S1			45			cleavage parallel to axial plane
52.52	Veins			fecb		40			cleavage parallel to carbonate seam (may be S1)
52.72	Contact					45			upper contact of fine-grained sandstone
53	Cleavage		Sx			45			very weakly developed foliation in fine-grained sandstone unit with dark (chlorite?) lamellae alignment and parallel to upper and lower contact (as well as phyllite foliation above and below).
53.4	Contact					40			lower contact of fine-grained sandstone
59.4	Veins			fecb	SHTV	24			multiple low core angle quartz veins with very diffuse boundaries and in zone with intense iron-staining multiple tension crack seams parallel to low core angle quartz veins
59.8	Veins			fecb	SHTV	74			mulitple high core angle veins in zone with intense iron staining and rather diffuse vein boundaries
60.1	Bedding		So			35			compositional fabric
60.5	Bedding		So			28			compositional bedding on upper fold limg of tight fold
60.51	Axial Plane					35			axial plane
60.55	Bedding		So			30			compositional bedding on lower fold limb
60.7	Faults				Gouge	45			friable wedge with gouge components at lithological contact
62.6	Cleavage		Sx			52			fabric in sandstone expressed by dark thin laminae
65	Veins				SHTV	85			repeated slightly flexed, high core angle, <1cm thick quartz veins (no vugging)
65	Veins				SHTV	20			repeated, folded, low core angle quartz veinlets; <0.5cm thick and devoid of vugging
65.9	Bedding		So						
65.9	Veins			fecb	SHTV	75			repeated high core angle quartz veinlets with small vugs in zone of fluid flow and intensified, parallel high core angle foliation
66	Cleavage		Sx			80			locally well developed fabric/cleavage along dark lamianae - possibly due to texturally destructive fluid flow (locally very fine-grained and well foliated)
70.4	Veins			fecb		84			vuggy <1cm thick quartz vein -- intersection with foliation @ ~16 degree

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
71	Bedding		So	fecb		65			foliation fabric in coarse-grained sandstone
71	Veins			fecb		80			vuggy 1cm thick quartz vein intersectiong foliation at an acute angle (~15 degree)
73.2	Faults				Gouge	89			5cm thick poorly recovered gouge wedge that contains angular phyllite fragments and was found coating high core angle fracture. Marks a transition to a unit with intense network of intersecting veining and a high degree of mineralization
74	Bedding		So			55			
74.7	Veins			fecb		55			foliation concordant quartz veining ~ 0.5cm thick [part of a group of veining throughout lithological interval]
76.88	Bedding		So			58			
76.9	Veins			fecb	FOL	58			0.5cm thick, vuggy, foliation concordant quartz veining
77.62	Axial Plane		Fx			32			axial plane in folded quartz veining
77.68	Bedding		So	fecb					
77.7	Veins			fecb	FOL	40			folded foliation concordant quartz veining
79.99	Bedding		So			65			
80	Veins				FOL	65			foliation concordant quartz veining with somewhat diffuse boundaries
80.7	Veins				TVA	19			localized array of tension veins that cross-cuts foliation
81.1	Veins				TVA	23			localized array of tension veins that cross-cuts foliation
81.64	Veins			Au	FOL	45			gold mineralized quartz vein (~13cm thick) with buff-white ankerite and & 2 very fine-grained specs of visible gold - vein is foliation concordant
81.9	Bedding		So			45			compositional bedding
89.95	Bedding		So		bx matrix	85			high core angle foliation fabric/cleavage in
90.4	Bedding		So		bx matrix	72			foliation cleavage in phyllite gouge
91.5	Axial Plane		Fx			35			foliated and folded phyllite
91.5	Bedding		So			55			foliation fabric
91.92	Faults					57			Healed fault in phyllite with sharp boundary and clearly off-setting phyllite
96.5	Bedding		So			58			
99.4	Bedding		So			20			
99.4	Axial Plane		Fx			29			
99.56	Veins				AXP	63			multiple quartz carbonate seams bisecting fold profiles along axial planes
99.56	Veins				SHTV	63			multiple quartz carbonate seams bisecting fold profiles along axial planes
100.2	Bedding		So			20			
101.9	Veins			chl	bx matrix	35			brecciated chlorite-breccia quartz vein [fragments <5mm] cross-cutting S1
103	Bedding		So			35			
103.2	Axial Plane		Fx			55			
103.37	Veins				AXP	56			vein bi-secting fold profile running along axial plane
105.6	Veins		Fx		AXP	45			dusty white quartz veinlets bisecting axial planes repeatedly
105.9	Bedding		So			40			
107.5	Veins				Gouge	33			iron stained and partially friable with multiple tension crack veins
108.8	Bedding		So			32			
109	Axial Plane		Fx		Veinlets	50			dusty white quartz veinlets bisecting axial planes repeatedly

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
112.05	Bedding		So			45			
112.07	Axial Plane		Fx			48			thin cleavage/vein seams along & parallel to axial plane
112.09	Bedding		So			45			
112.4	Bedding		So			50			compositional bedding
115.35	Joints			hem	Open	20			repeated iron-stained (hematized) low core angle fractures
116	Bedding		So			52			
120	Faults				FOL	75			in blocky incompetent interval with high core angle foliation and gouge wedges along foliation
120	Faults				Gouge	75			in blocky incompetent interval with high core angle foliation and gouge wedges along foliation
121	Bedding		So			60			
122.1	Joints			hem	Open	26			repeated iron-stained (hematized) low core angle fractures
123.35	Veins					65			sulfide mineralation in foliation discordant, dusty white, vuggy, 1cm thick quartz veinlet
125.5	Bedding		So			70			compositional bedding
125.5	Veins				SHTV	48			repeated, dusty-white, quartz carbonate seams discordant to foliation (~15 degree acute intersection angle with foliation)
127.2	Bedding		So			80			compositional bedding
128.4	Veins			Au	Gouge	28			@128.4m visible gold mineralization in in hematized/iron-carbonated stained gouge wedge emplaced between 2 parallel, low core angle, vuggy, grey quartz veinlets (very fine-grained specs)-- about 15cm thick intercept acute intersection angle of veinlet & foliation: 45 degree
128.6	Bedding		So			78			
130	Bedding		So			60			
130.5	Axial Plane		F1			70			
131	Bedding		So			63			
132	Veins				FOL	68			disseminated pyrite in foliation concordant veining
132	Bedding		So			68			
132.7	Veins			fecb	Drusy	40			with fine-grained arsenopyrite and prominent dark brown iron mineral crystals -foliation concordant
132.7	Contact					70			sharp contact between phyllite and sandstone
133	Bedding		So			50			
133.45	Bedding		So			53			foliation crosscut by tension vein array
133.45	Veins				TVA	30			perpendicular to foliation
138.4	Bedding		So			65			
139.5	Veins			fecb	SZB	45			multiple non-penetrative tension veins
144	Faults				Gouge	85			4cm gouge wedge with 30% mixed origing subrounded fragments emplaced at high core angle (contains phyllite fragments)
145	Veins			fecb	SHTV	23			multiple undulating low core angle quartz veins
148.5	Cleavage		Sx			20			foliation fabric locally stretched along sheeted low core angle quartz veining
148.5	Veins				SHTV	20			several undulating low core angle veins; small vugs with very fine-grained disseminated pyrite concordant along locally stretched foliation
150.63	Joints			fecb	Open	80			
150.63	Cleavage		Sx	fecb		80			foliation locally at 80TCA and bounding blocky rusty fragments

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
152.08	Contact					80			sharp off-set contact between coarse-grained sandstone/gravel conglomerate and phyllite interbed (offset at low core angle)
152.08	Faults					30			sharp off-set contact between coarse-grained sandstone/gravel conglomerate and phyllite interbed (offset at low core angle)
152.1	Bedding		So			80	160		foliation in phyllite bed
152.45	Contact					75	60		sharp lower (but undulating) contact of phyllite unit
153.21	Cleavage		Sx			30	280		possible shearing or fluid flow leading to localized alignment of fabric
153.5	Veins				SHTV	30	280		multiple vein boudins (penetrative), orientation inferred from continuance of localized foliation fabric (possible shearing)
157.9	Faults				Gouge	75			gouged, grey, fragment along high core angle (possibly weathered phyllite?)
158.6	Veins			fecb	STWK	25			multiple parallel low core-angle quartz veins with iron-carbonate staining
160.35	Veins					20	280		low core-angle quartz vein in very coarse-grained sandstone (~pebble size)
165.4	Veins			fecb	SHTV	35			vuggy quartz veining consisting of multiple diffuse quartz bands surrounding coarse-grained wall rock with large vugs Vugs: bladed iron minerals as well as small pyrite clusters blue iridiscent coating observed on pyrite in vugs
165.71	Bedding		So			60			foliation in phyllite unit
165.71	Joints			fecb	Gouge	30			gouge coated fracture at poorly recovered lithological contact with fine-grained disseminated, euhedral pyrite on clay coating
168				fecb	TVA	38	340		disjointed, boudinaged tension vein array
168	Bedding		So			85	260		
169.8	Bedding		So			65	270		
169.8	Veins			fecb	TVA	24	320		folded, dusty white tension seams/veins
172	Bedding		So			62			
172.9	Veins				Gouge	45			arseno pyrite blebs/clusters in 45TCA, 50cm thick quartz vein with gouge at lower vein contact at lithological contact - subject to brittle deformation
177.8	Veins			fecb	TVA	25			mutiple parallel disjointed, boudinaged tension vein arrays
182.6	Veins			fecb	TVA	18	45		multiple, parallel, disjointed, boudinaged tension vein arrays
186.15	Bedding		So			65	180		foliation in phyllite
188	Faults				Gouge	42			contact between sandstone and phyllite gouge in fault zone
188	Contact				Gouge	42			contact between sandstone and phyllite gouge in fault zone
188.08	Veins			chl		48	5		vuggy, sulfide mineralized quartz vein, with grey-green chlorite wedges and prominent orange iron-carbonate patches mineralization very fine-grained
188.4	Bedding		So			48	215		foliation flexes/folds locally
188.4	Veins			fecb	SHTV	35	280		sulfide mineralization in multiple parallel, vuggy, <1cm thick quartz veins
190.45	Veins		Fx		Veinlets	0			multiply folded quartz vein that cross-cuts foliation in phyllite
191.33	Faults				Gouge	65	20		gouged, friable, fragmented interval with gouge emplacement along competent rock at lower contact at 65TCA
192.5	Veins				FOL	55			pyrite stringer in foliation concordant quartz seam/veinlet
192.5	Bedding		So			55			

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
194.35	Joints				Open				(possilbly 1m long) intensely fragmented, poorly recovered interval
194.4	Veins			fecb		30			partially fragmented, at least 12cm thick quartz vein
196.5	Bedding		So			53			
197.52	Contact				FOL	60			foliation concordant, sharp contact between lithological units
199.73	Bedding		So		Gouge	45			1cm thick soft-friable wedge along foliation bounding competent rock
202	Bedding		So			50	240		
202.7	Axial Plane		Fx			80			axial plane of localized crenulations
202.75	Bedding		So			45			foliation flexes
205.23	Faults			py	Gouge	53			partially recovered gouge wedge, subconcordant to foliation with stringer sulfide mineralization in grey, gouged quartz veinlet @ upper contact
205.8	Axial Plane		Fx			65			
206.2	Bedding		So			42	210		
207.1	Bedding		So			68			
207.1	Veins				FOL	68			
207.1	Veins				SHTV	68			densely spaced foliation concordant quartz veining over 40cm with dusty white collour and partially boudinaged and folded thin pyrite stringers + disseminated
209.55	Veins			fecb		38			15cm thick quartz vein with undulated upper contact and sharp lower contact at 38TCA with calcite in veining and prominent buff ankerite patches
211.2	Veins				SV	60			foliation concordant (0.5cm thick), syntaxial vein with disseminated sulfides in wallrock
212.83	Faults				Gouge				locally friable and gouge with some plasticity, partial recovery and no planar contact; pyrite mineralization at lower contact where gouge bounds competent rock
214.4	Bedding		So			25			
215.9	Faults	4	S1		Gouge	48			gouged friable interval along foliation. Lower contact bounds lithological change to sandstone
215.9	Contact				FOL	48			gouged friable interval along foliation. Lower contact bounds lithological change to sandstone
216.8	Veins				Veinlets	23			several 3mm thick, low core quartz veinlets in sandstone interval
217	Cleavage		Sx			34			very weak alignment of elongated quartz clasts in black-grey sandstone
217.4	Contact					78			DYKE: lithological contact with strain partioning in veining
218.82	Contact					30			lithological contact with cut-off veining
218.82	Faults					30			lithological contact with cut-off veining
219.51	Faults					40			lithological contact with cut-off veining
219.51	Contact					40			lithological contact with cut-off veining
220.6	Bedding		So			25			polished phyllite foliation cleavage with graphite coating
221.5	Veins				SHTV	0			multiple sheeted quartz veins that undulate parallel to core axis
222.7	Axial Plane		Fx			85			open fold profile
224.1	Axial Plane		Fx			85			open fold profile
227.1	Axial Plane		Fx			70			open fold profile
227.5	Bedding		So			48			
228.15	Contact					45			lithological contact
228.45	Contact					45			lithological contact

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
228.8	Bedding		So			48	220		
229.7	Bedding		So			35			
229.8	Contact					80			lithological contact
229.8	Contact					80			lithological contact
233.5	Veins					45			vein orientaiton in fragmented silicified sandstone
233.8	Veins					60			vein orientation in fragmented silicified sandstone
238	Veins					15			vein orientation in fragmented silicified sandstone
240.8	Veins				SHTV	45			vein orienation of sheeted vein pattern starting @ 240.8m
244	Faults				Gouge	30			possibly a gouged phyllite wedge emplaced at low core angle [very poorly recovered interval]
250	Veins					24			vein orientation in fragmented silicified sandstone
252	Veins				SHTV	30			vein orientation of repeating vein pattern over 1-2 meters I silicified sandstone
253.1	Faults				Gouge	45			gouged phyllite wedge emplaced along 45TCA
254.6	Faults				Gouge	25			lower contact of poorly recovered faulted phyllite wedge
257	Veins					17			vein orientation in silicified mineralized sandstone
259	Faults				Gouge	50			Phyllite wedge (gouged and friable) with internal foliation and in highly fragmented, partially recovered interval
259	Faults				FOL	50			Phyllite wedge (gouged and friable) with internal foliation and in highly fragmented, partially recovered interval
259.8	Faults				Gouge	53			highly mineralized gouged fault contact [well-preserved]
261.8	Faults					40			sharp competent lower fault zone contact, sharp transition from intense vein deformation to predominantly phyllite lithology
262.2	Bedding		So			40			foliation in black phyllite
265.2	Bedding		So			48			
265.35	Veins				TVA	88			localized 10cm wide tension vein array
265.55	Faults				FOL	25			gouge wedge along locally shallow foliation
265.55	Faults				Gouge	25			gouge wedge along locally shallow foliation
267.6	Veins				TVA	80			localized 10cm wide tension vein array
267.75	Veins				TVA	75			10cm wide tension vein array
267.9	Bedding		So			32			foliation fabric offset along 60TCA quartz-carbonate seam
267.9	Faults			fecb	Veinlets	60			quartz-carbonate veinlet off-setting foliation fabric
269.4	Fold Axial Plan		F1			75			visible fold profile
269.4	Bedding		So			44			lower fold limb foliation
272	Veins				FOL	70			foliation concordant quartz seam veinlets in black phyllite
272	Bedding		So			70			foliation fabric in black phyllite
273.4	Bedding		So			40			
274.1	Faults				bx matrix	40			brecciated, gouged phyllite at upper contact of structural and lithological zone emplaced foliation concordant along 40TCA
275.8	Bedding		So			50			phyllite foliation preserved in fragment

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
275.9	Veins				SHTV	40			several sulfide mineralized veinlets preserved in blocky fragments
278.2	Bedding		So			40			foliation in sand-silt-phyllite interbedding as part of lithological boundary
281	Veins				SHTV	60			repeated pattern in silicified sandstone interval
282.7	Faults				Gouge	20			sharp, preserved fault contact between silicified sandstone and gouged phyllite of extensive 30m+ fault zone
284	Bedding		So		Gouge	61			foliation fabric in gouged phyllite fault zone
285.2	Bedding		So		Gouge	85			high core angle foliaton fabric in gouged phyllite fault zone
288.8	Bedding		So		Gouge	85			flexing, high core angle foliatoin in phyllite in fault zone
292	Bedding		So	chl	Gouge	62			foliation in friable phyllite in fault zone
294.02	Bedding		So		Gouge	82			foliation in coarsely brecciated, friable phyllite in fault zone
296.9	Bedding		So		Gouge	47			foliation in coarsely brecciated, friable phyllite in fault zone
299	Axial Plane		Fx		Gouge	10			visible fold axis in friable phyllite in fault zone
299.6	Veins				TVA	45			axis of core axis parallel tension vein array with sulfide mineralization in friable phyllite
302.5	Bedding		So		Gouge	45			foliation in friable phyllite in fault zone
305.6	Bedding		So		Gouge	25			foliation in friable phyllite in fault zone
306	Lineation				Gouge	30	180	10	successful orientation in gouged phyllite with foliation and well developed foliation grooves in foliation plane
306	Faults				Gouge	30	180	10	successful orientation in gouged phyllite with foliation and well developed foliation grooves in foliation plane
306	Cleavage		Sx		Gouge	30	180	10	successful orientation in gouged phyllite with foliation and well developed foliation grooves in foliation plane
307.22	Bedding		So		Gouge	28			foliation in friable phyllite in fault zone
310.5	Veins			cbt		26			Calcite-quartz seam in more competent, uniformly black phyllite interval in fault zone
311.8	Bedding		So		Gouge	28			foliation in softened phyllite in fault zone
312.8	Bedding		So		Gouge	25			foliation in phyllite bounded by more gouged interval in fault zone
312.8	Veins					68			pyrite stringer mineralzation in high core angle, dusty white, quartz-calcite seam discordant to foliation
313.05	Faults				Gouge	45			foliation discordant gouge wedge bounding more competent interval in fault zone
313.05	Cleavage		Sx		chl	10			locally very low core angly foliation in competent interval in fault zone
313.9	Cleavage		Sx		chl	30			
314.1	Cleavage		Sx		chl	65			
316.4	Bedding		So		Gouge	48			foliation fabric in gouged phyllite in fault zone
319.3	Faults				Gouge	85			gouge wedge against stockworked, competent blocks
319.6	Bedding		So			60			foliated, very fine-grained fragment of stockworked sandstone interbed
319.9	Faults				Gouge	79			gouge at lower contact of quartz-stockworked, fine-grained sandstone interbed
322.8	Bedding		So			54			foliation in phyllite
324.9	Bedding		So		Gouge	60			foliatoin in gouged phylite
325.9	Veins				TVA	70			foliation discordant tension vein array
325.9	Bedding		So			55			foliation in phyllite
327.2	Contact				FOL	52			foliation concordant gradational lithological contact

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-011	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	342					

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
329.1	Bedding		So			46			
330.4	Veins				STWK	30			several, milky white, folded, parallel quartz veinlets (~1cm thick)
332	Bedding		So			51	250		
336.5	Veins				SHTV	38	290		densely distributed sheeted, boudinaged (partially non-penetrative) quartz veining
340.5	Bedding		So				55		foliation in phyllite interbed
341.2	Bedding		So			45			foliation in somewhat friable interbed

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27811	3	4.5	2011	Expl Geochem	H-split	MT-Phy
27812	4.5	6	2011	Expl Geochem	H-split	MT-Phy
27813	6	7.3	2011	Expl Geochem	H-split	MT-Phy
27814	7.3	9	2011	Expl Geochem	H-split	MT-Phy
27815	9	12	2011	Expl Geochem	H-split	MT-Phy
27816	12	15	2011	Expl Geochem	H-split	MT-Phy
27817	15	18	2011	Expl Geochem	H-split	MT-Phy
27818	18	21	2011	Expl Geochem	H-split	MT-Phy
27819	21	24	2011	Expl Geochem	H-split	MT-Phy
27820	24	27	2011	Expl Geochem	H-split	MT-Phy
27821	27	30	2011	Expl Geochem	H-split	MT-Phy
27822	30	33	2011	Expl Geochem	H-split	MT-Phy
27823	33	36	2011	Expl Geochem	H-split	MT-Phy
27824	36	39	2011	Expl Geochem	H-split	MT-Phy
27825	39	42	2011	Expl Geochem	H-split	MT-Phy
27826	42	44.7	2011	Expl Geochem	H-split	MT-Phy
27827	44.7	45	2011	Expl Geochem	H-split	QZVN
27828	45	48	2011	Expl Geochem	H-split	MT-Phy
27830	45	48	2011	DUP	Q-Split	MT-Phy
27829	45	48	2011	STND	CDN-GS-8B	MT-Phy
27831	48	51	2011	Expl Geochem	H-split	MT-Phy
27832	51	52.72	2011	Expl Geochem	H-split	MT-Phy
27833	52.72	54	2011	Expl Geochem	H-split	MT-SS.fgr
27834	54	57	2011	Expl Geochem	H-split	QZVN
27835	57	60.1	2011	Expl Geochem	H-split	MT-SS.cgr
27836	60.1	60.8	2011	Expl Geochem	H-split	MT-Phy
27837	60.8	63	2011	Expl Geochem	H-split	MT-SS.mgr
27838	63	65.9	2011	Expl Geochem	H-split	MT-SS.mgr
27839	65.9	67	2011	Expl Geochem	H-split	MT-SS.mgr
27840	67	69	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27841	69	72	2011	Expl Geochem	H-split	MT-SS.cgr
27842	72	73.3	2011	Expl Geochem	H-split	MT-SS.cgr
27843	73.3	75	2011	Expl Geochem	H-split	MT-CO
27844	75	78	2011	Expl Geochem	H-split	MT-CO
27845	78	81	2011	Expl Geochem	H-split	MT-CO
27846	81	83.4	2011	Expl Geochem	H-split	MT-CO
27847	83.4	86.5	2011	Expl Geochem	H-split	MT-CO
27848	86.5	87.5	2011	Expl Geochem	H-split	MT-Phy
27849	87.5	90	2011	Expl Geochem	H-split	QZVN.bx
27850	90	91.2	2011	Expl Geochem	H-split	MT-Phy
27851	91.2	93	2011	Expl Geochem	H-split	MT-Phy
27852	93	96	2011	Expl Geochem	H-split	MT-Phy
27853	96	99	2011	Expl Geochem	H-split	MT-Phy
27854	99	102	2011	Expl Geochem	H-split	MT-Phy
27855	102	105	2011	Expl Geochem	H-split	MT-Phy
27856	105	108	2011	Expl Geochem	H-split	MT-Phy
27857	108	111	2011	Expl Geochem	H-split	MT-Phy
27858	111	114	2011	Expl Geochem	H-split	MT-Phy
27859	114	117	2011	Expl Geochem	H-split	MT-Phy
27860	117	120	2011	Expl Geochem	H-split	MT-Phy
27861	120	123	2011	Expl Geochem	H-split	MT-Phy
27862	123	126	2011	Expl Geochem	H-split	MT-Phy
27863	126	127.6	2011	Expl Geochem	H-split	MT-Phy
27864	127.6	129	2011	Expl Geochem	H-split	QZVN
31552	128.2	128.7	2011	Expl Geochem	Q-Split	MT-Phy
27865	129	131	2011	Expl Geochem	H-split	MT-Phy
27866	129	131	2011	DUP	Q-Split	MT-Phy
27867	129	131	2011	Blank	LWS_2011	MT-Phy
27868	131	132.7	2011	Expl Geochem	H-split	MT-SS.mgr
27869	132.7	135	2011	Expl Geochem	H-split	MT-SS.mgr
27870	135	138	2011	Expl Geochem	H-split	MT-SS.mgr
27871	138	144	2011	Expl Geochem	H-split	MT-SS.mgr
27872	144	147	2011	Expl Geochem	H-split	MT-SS.cgr
27873	147	150	2011	Expl Geochem	H-split	MT-SS.cgr
27874	150	152.08	2011	Expl Geochem	H-split	MT-SS.cgr
27875	152.08	153.45	2011	Expl Geochem	H-split	MT-Phy
27876	153.45	156	2011	Expl Geochem	H-split	MT-SS.cgr
27877	156	157.9	2011	Expl Geochem	H-split	MT-SS.cgr
27878	157.9	160.85	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27879	160.85	162.1	2011	Expl Geochem	H-split	MT-SS
27880	162.1	165.71	2011	Expl Geochem	H-split	MT-SS
27881	165.71	168	2011	Expl Geochem	H-split	MT-Phy
27882	168	171	2011	Expl Geochem	H-split	MT-Phy
27883	171	172.9	2011	Expl Geochem	H-split	MT-SS.mgr
27884	172.9	174.35	2011	Expl Geochem	H-split	MT-SS.mgr
27885	174.35	177	2011	Expl Geochem	H-split	MT-SS.mgr
27886	177	180	2011	Expl Geochem	H-split	MT-SS.mgr
27887	180	183	2011	Expl Geochem	H-split	MT-SS.mgr
27888	183	185.5	2011	Expl Geochem	H-split	MT-SS.mgr
27889	185.5	188	2011	Expl Geochem	H-split	MT-Phy
27890	188	190.45	2011	Expl Geochem	H-split	MT-SS.mgr
27891	190.45	191.88	2011	Expl Geochem	H-split	MT-SS.fgr
27892	191.88	192.6	2011	Expl Geochem	H-split	MT-Phy
27893	192.6	195.92	2011	Expl Geochem	H-split	MT-Phy
27894	195.92	197.8	2011	Expl Geochem	H-split	MT-SS.fgr
27895	197.8	201	2011	Expl Geochem	H-split	MT-Phy
27896	201	204	2011	Expl Geochem	H-split	MT-Phy
27897	204	207	2011	Expl Geochem	H-split	MT-Phy
27898	207	209.71	2011	Expl Geochem	H-split	MT-Phy
27899	209.71	212.83	2011	Expl Geochem	H-split	MT-Phy
27900	209.71	212.83	2011	STND	CDN-GS-8B	MT-Phy
27901	209.71	212.83	2011	DUP	Q-Split	MT-Phy
27902	212.83	216.1	2011	Expl Geochem	H-split	MT-Phy
27903	216.1	217.4	2011	Expl Geochem	H-split	II-DI.dk
27904	217.4	218.82	2011	Expl Geochem	H-split	MT-Phy
27905	218.82	219.51	2011	Expl Geochem	H-split	MT-SS.fgr
27906	219.51	222	2011	Expl Geochem	H-split	MT-Phy
27907	222	225	2011	Expl Geochem	H-split	MT-Phy
27908	225	228.15	2011	Expl Geochem	H-split	MT-Phy
27909	228.15	229.8	2011	Expl Geochem	H-split	QZVN
27910	229.8	231	2011	Expl Geochem	H-split	MT-SS.mgr
27911	231	234	2011	Expl Geochem	H-split	MT-SS.mgr
27912	234	237	2011	Expl Geochem	H-split	MT-SS.mgr
27913	237	240	2011	Expl Geochem	H-split	MT-SS.mgr
27914	240	243	2011	Expl Geochem	H-split	MT-SS.mgr
27915	243	246	2011	Expl Geochem	H-split	MT-SS.mgr
27916	246	249	2011	Expl Geochem	H-split	MT-SS.mgr
27917	249	252	2011	Expl Geochem	H-split	MT-SS.mgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-011 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27918	252	253.1	2011	Expl Geochem	H-split	MT-SS.mgr
27919	253.1	253.7	2011	Expl Geochem	H-split	MT-Phy
27920	253.7	255	2011	Expl Geochem	H-split	MT-SS.mgr
27921	255	258	2011	Expl Geochem	H-split	MT-SS.mgr
27922	258	259.8	2011	Expl Geochem	H-split	MT-SS.mgr
27923	259.8	261.8	2011	Expl Geochem	H-split	QZVN
27924	261.8	264	2011	Expl Geochem	H-split	MT-Phy
27925	264	267	2011	Expl Geochem	H-split	MT-Phy
27926	267	270	2011	Expl Geochem	H-split	MT-Phy
27927	270	273	2011	Expl Geochem	H-split	MT-Phy
27928	273	274.9	2011	Expl Geochem	H-split	MT-Phy
27929	274.9	276	2011	Expl Geochem	H-split	MT-Phy.bx
27930	276	278	2011	Expl Geochem	H-split	QZVN
27931	278	279	2011	Expl Geochem	H-split	MT-SS.mgr
27932	279	282	2011	Expl Geochem	H-split	MT-SS.mgr
27933	282	282.7	2011	Expl Geochem	H-split	MT-SS.mgr
27934	282.7	285.64	2011	Expl Geochem	H-split	MT-Phy.bx
27935	282.7	285.64	2011	DUP	Q-Split	MT-Phy.bx
27936	282.7	285.64	2011	Blank	LWS_2011	MT-Phy.bx
27937	285.64	288	2011	Expl Geochem	H-split	MT-SS.bx
27938	288	291	2011	Expl Geochem	H-split	MT-Phy
27939	291	294	2011	Expl Geochem	H-split	MT-Phy
27940	294	297	2011	Expl Geochem	H-split	MT-Phy
27941	297	300	2011	Expl Geochem	H-split	MT-Phy
27942	300	303	2011	Expl Geochem	H-split	MT-Phy
27943	303	306	2011	Expl Geochem	H-split	MT-Phy
27944	306	309	2011	Expl Geochem	H-split	MT-Phy
27945	309	312	2011	Expl Geochem	H-split	MT-Phy
27946	312	315	2011	Expl Geochem	H-split	MT-Phy
27947	315	318	2011	Expl Geochem	H-split	MT-Phy
27948	318	319	2011	Expl Geochem	H-split	MT-Phy
27949	319	320.1	2011	Expl Geochem	H-split	MT-Phy
27950	320.1	321	2011	Expl Geochem	H-split	MT-Phy
27951	321	324	2011	Expl Geochem	H-split	MT-Phy
27952	324	327.2	2011	Expl Geochem	H-split	MT-Phy
27953	327.2	330	2011	Expl Geochem	H-split	MT-SS.fgr
27954	330	333	2011	Expl Geochem	H-split	MT-SS.fgr
27955	333	336	2011	Expl Geochem	H-split	MT-SS.fgr
27956	336	339	2011	Expl Geochem	H-split	MT-SS.fgr

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-011	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	342				

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27957	339	342	2011	Expl Geochem	H-split	MT-SS.fgr

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-012 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533691.2	6843901.0		

Elevation: 1557 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 55
Azimuth: 270
EOH: 265.0 m
Core Size: HQ

Start Date: 13/07/2011
Finish Date: 18/07/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
18	54.5	268.84	5822	Reflex	1
69	55.9	268.24	5830	Reflex	1
135	56.9	267.44	5835	Reflex	1
186	58.3	264.94	5837	Reflex	1

Objective:

This drill hole is targeted on the trace interpreted trace of the 3Ace Fault. It tests the possible strike extension to the north of mineralisation intersected in 3A-10-01. Targets expected at 92m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6	no core recovered	CASING		100.0%	w			fr	1
6	73.28	occassional quartz veining in phyllite fairly scarce [1 per 6m on average] and predominantly foliation concordant and predominantly as localized sheeted packages over short 10-30cm intervals. Vuggy and with buff iron-carbonate alteration.	QZVN		5.0%	w			co	1
6	73.28	black phyllite with regular grey (and occassionally iron stained) silt laminations/interbeds; Generally very uniform in appearance with mulitple mechanical breaks as well as naturally occuring fractures along foliation and discordant to foliation. Evidence of folding in form of variable core angle of regional foliation cleavage and localized, small scale (~4cm wavelength) fold profiles. Exact composition difficult to determine because of very fine-grained nature.	MT-Phy		95.0%	n			co	1
73.28	75.5	Quartz veining vuggy and sheeted and concentrated in sandstone interbed at about 74m [60TCA]	QZVN		5.0%	w			br	3
73.28	75.5	very fine-grained silt/sandstone interbed with prominent vuggy quartz veining preserved at about 74m in blocky and gouged fault zone. Grainsize: 0.5mm (or smaller) 75% Quartz 20% feldspar, 5% fine-grained lithic fragments	MT-SS	bx	40.0%	t			br	3
73.28	75.5	Faultzone: blocky with poorly recovered gouge segments [angular fragments in clay matrix] Localized silt to fine-grained sandstone interbedding Size of silt interbeds proportionally increases [gradational contacts]	MT-Phy	bx	55.0%	n			br	3
75.5	77.6	multiple, milky white (<1cm thick), variable core angle quartz veins in tan, fine-grained sandstone bed - leading to stockworked appearance. Singular grain of arsenopyrite observed in vein fragment	QZVN		20.0%	w			br	2
75.5	77.6	fine to medium grained, tan coloured sandstone with pale orange iron-carbonate staining [pervasive] Grainsize: 0.5-1mm Composition: predominantly quartz 70% subrounded quartz clasts, 25% dusty white feldspar, 5% lithic fragments upper and lower contact are sharp with gouge seams	MT-SS	fgr	80.0%	t			br	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-012	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	265					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
77.6	128.8	quartz veining in phyllite unit is sparsely distributed and frequently foliation concordant. See point measurement for detainls on vein orientation trends generally veins in phyllite hae a dusty white colour rather than milky white and vitreous	QZVN		4.0%	w			co	1
77.6	128.8	folded Phyllite unit with lamellar grey silt interbedding predominantly low core angle foliation in upper 2/3 or unit interval and steepening foliation core angles in lower 1/3 of unit interval exact composition difficult to determine due to fine-grained nature	MT-Phy		96.0%	n			co	1
128.8	131.8	Thin, 1 mm - 2 mm thick white quartz veins crosscut bedding. Small breccias filled with fe-cb altered clay are formed between intersectecting veins.	QZVN		1.0%	w			co	2
128.8	131.8	Buff coloured, very fine-grained sandstone interbedded with the phyllite. Locally the beds are folded in small mesoscale folds. Fe-cb alteration is disseminated through the matrix of the unit.	MT-SS	fgr	20.0%	bf			co	1
128.8	131.8	Black phyllite interbedded with .3 -2.5 cm very fine-grained sandstone beds. The sandstone beds are buff coloured and contain disseminated fe-cb porphyroblasts in the matrix.	MT-Phy	n	79.0%	n			co	1
131.8	141.53	Quartz carbonate veins ranging in width from .2 - 4 cm cross cut the interval. The veins contain vugs and abundant fe-cb alteration in fractures and along selvedges. Many of the veins display coxcomb textures and have distinct medial seams, indicating antitaxial vein development.	QZVN		2.0%	w			co	2
131.8	141.53	Grey medium-grained, arkosic sandstone with clasts of clay altered feldspar and quartz (2-5mm). Rounded lithic fragments of phyllite are rare component of the clast composition. The feldspars are mostly altered to white clay, but in the vicinity of quartz veins and open fractures the clay is stained orange by iron. Minor lenses of quartz pebble conglomerate are interbedded throughout the interval. The lenses range in thickness from 5-10cm. The clasts are composed of rounded pebbles (<2cm) of quartz, feldspar, and rare phyllite.	MT-AR		98.0%	gy	ksp	10	co	2
141.53	143.86	White quartz veinlets with fe-cb and sulphides.	QZVN		5.0%	w			co	1
141.53	143.86	Grey quartz pebble conglomerate with angular lithic fragments of black phyllite. The conglomerat is matrix supported, which is a medium-grained arkosic sandstone. Clasts are comprised of quartz and feldspar and are subrounded. Feldspar is altered to white and pale green clay. A well developed disjunctive cleavage overprints the interval and displays an average spacing of .75 cm. The cleavage is locally sub-parallel to quartz veins. Alteration of the unit is controlled by open fractures and quartz vein and is limited to fe-cb along fractures and vein selvedges. A small proportion of clay altered feldspar is pale green, indicating the presence of eipodote or chlorite. The upper contact of the conglomerate with the sandstone is gradational, but the lower contact is a narrow fault zone delineated by broken, brecciated black phyllite.	MT-CO	pbl	95.0%	gy	qtz	30	co	2
143.86	165.6	Several 5-8cm black phyllite bed are present in the interval and is interbedded with siltstone/sandstone beds less than 1cm wide. These narrow units are often brecciated by open fractures and display shear zone fabrics formed by slip within the less competent interval.	MT-Phy	n	3.0%	n			co	1
143.86	165.6	fe-cb bearing white quartz veins. Quartz veins in the interval are more abundant than the previous interval. Fe-cb alteration occurs within the vein filling vugs and fractures. It also forms distinct alteration halos in the country rock in the immediate wall rock.	QZVN		7.0%	w			br	1
143.86	165.6	Grey quartz pebble conglomerate. The conglomerate is locally clast supported, but primarily matrix supported. The matrix is comprised of fine- to medium-grained sandstone. Quartz is the predominant clast type (up to 40%) and are generally sub-rounded to rounded clasts.	MT-CO	pbl	10.0%	gy	qtz	40	br	3

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
143.86	165.6	Grey, arkosic sandstone with abundant, angular feldspar and rounded quartz clasts. Clasts range in size from 3-4mm. The feldspar clasts are altered to white clay. Several brittle faults crosscut the interval generating intervals of broken core associated with increased clay and fe-cb alteration. The alteration is primarily controlled by fracture surfaces, but forms disctinct halos, up to 2 cm around quartz veins.	MT-AR	mgr	80.0%	gy			br	3
165.6	171.93	A black phyllite with thin (2-3cm), buff coloured siltstone beds. Bedding is planar in this unit, but is overprinted by a penetrative, slaty cleavage. 1-2mm quartz veinlets are abundant and controlled by the orientation of the foliation. The foliation is refracted within the siltstone beds. Foliated quartz-carbonate veins and small and small (1mm) porphyroblasts of an unidentified mineral are also present (andalusite?). There is minor fe-cb alteration associated with cross-cutting quartz veins at the start of the interval and a small proportion of the siltstone beds are fe-cb altered. It is a relatively quiert interval structurally. The beds are planar. No mineralisation was observed in this interval.	MT-Phy	n	100.0%	n			co	1
171.93	187.4	The quartz veins are thin white quartz associated with minor fe-cb.	QZVN		3.0%	w			co	1
171.93	187.4	The sandstone is interbeded with medium-bedded (10-15cm) beds of black phyllite, which also contain thin (.5-1cm) sandstone beds.	MT-Phy	n	5.0%	n			co	1
171.93	187.4	Grey, medium-coarse grained arkosic sandstone. The interval contains white quartz veins that cause broken core, but are not major faults.	MT-AR	mgr	92.0%	gy			co	1
187.4	196.8	Black phyllite beds interbedded with thin- to medium-bedded arkosic sandstone.	MT-Phy	n	20.0%	n			co	1
187.4	196.8	Grey, fine-grained arkosic sandstone with local beds of coarse-grained sandstone. The planar bed range from 1 cm to 70 cm in thickness. Thin black phyllite beds are interbedded with the arkose beds. A well developed slaty cleavage is developed in the arkose and phyllite beds. The structure in this interval is limited to open fractures crosscutting the lithology.	MT-AR	fgr	80.0%	gy			co	1
196.8	237.4	A possible mafic feldspar porphyry dyke. The feldspar phenocrysts are angular plagioclase crystals, approximately 1mm diameter. This is a rare occurrence in the drillholes at the Main Zone.	MI	por.fsp	1.0%	n			co	4
196.8	237.4	Thin- to thick-bedded sandstone interbedded within a broad phyllite unit.	MT-AR	fgr	5.0%	gy			lc	4
196.8	237.4	Black phyllite with a small proportion of interbedded sandstone. The sandstone is thin- to thick-bedded (.2 cm - 70 cm). Parasitic folding is abundant in this interval and delineated by variable core axis angles of the bedding. A significant fault was intersected within this interval at 214.55m. The fault zone is comprised of strong clay alteration and cataclastic grain size reduction, generating a clay gouge with abundant, angular wall rock clasts. Short intervals of sandstone are also pervasively clay altered (light grey clay).	MT-Phy	n	94.0%	n			lc	4
237.4	240.86	Grey, coarse- to medium-grained arkosic sandstone. The competent sandstone is preserved within the broader fault zone interval. Two narrow phyllite beds are present within the sandstone interval, which are much higher strain then the clastic rock.	MT-AR	cgr	100.0%	gy			co	2

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
240.86	249	A strongly foliated and sheared graphitic phyllite with (1-2mm) siltstone beds. Cross-cutting quartz veins are rare in this interval, but brecciated and crushed quartz veins are abundant clasts in the gouge zones. This is interpreted that quartz veins were developed in brittle-ductile fault zones prior to the formation of brittle cataclastic faults. Sulphides are disseminated throughout the zone. py(5%)+asp(2%) is common in the gouge zone with quartz vein clasts.	MT-Phy	gf	100.0%	n			co	4
249	265	Grey, medium-grained arkosic sandstone comprised premdominately of quartz and lesser feldspar sand grains. The unit is faulted and cross-cut by quartz veins with abundant white clay distributed along fractures and vugs. The veins also contain a small amount of py (1%). Several intervals of rubble with narrow clay gouge seams indicate the presence of late, brittle fault zone in the interval.	MT-AR	mgr	100.0%	gy			co	3

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	73.28	weak orange-brown iron-carbonate staining throughout entire unit: preferentially in lamellar silt interbeds nd as rimming in predominantly foliation concordant veining	fecb	1	vn	o
52.5	55.9	blocky fragmentation with intense iron staining along fractures	fecb	2	frac	o
73.28	81.2	near pervasive iron-carbonate staining - especially visible in sandstone intervals	fecb	3	perv	o
124	126.37	moderate-strong fe-cb distributed along fractures in the vicinity of quartz veins.	fecb	2	frac	o
124	126.37	weak epidote is present in quartz tension veins formed along fault fill veins.	ep	1	vn	g
124	126.37	clay alteration is fills fractures and vein margins. It is strongly coloured by associated fe-cb alteration.	cy	3	vn	o
124	126.37	strong fe-cb alteration along vein selvedge	fecb	3	vn	o
130	131.8	pervasive clay alteration developed in a brittle fault. It replaces both phyllite and sandstone. The colour depends on protolith. Three clay gouge zones are present in the interval with crushed wall rock fragments.	cy	3	perv	gy
131.8	143.5	fe-cb alteration along open fractures in the core	fecb	1	frac	o
136.06	143.95	moderate fe-cb associated with thin, sheeted quartz veins.	fecb	2	vn	o
141.1	143.5	clay altered feldspar fsp clasts in QPC	cy	2	smgr	w
141.1	143.5	fecb alteration of cy replacing fsp clasts	cy	1	smgr	o
145.4	159.75	narrow gouge zone within a faultzone overprinted by fecb alteration.	ocy	1	gouge	o
145.4	159.75	fecb alteration within quartz veins.	fecb	3	vn	o
145.4	159.75	orange clay along open fractures	fecb	3	frac	o
145.4	159.75	fecb alteration migrating away from fractures and quartz veins along foliation planes.	fecb	2	fol	o
145.4	159.75	moderate clay replacement of fsp grains in the conglomerate.	wcy	2	smgr	w
145.4	159.75	Moderate, disseminated fecb alteration in MT-CO.pbl	fecb	2	diss	o
145.4	159.75	quartz vein hosted white clay.	wcy	2	vn	w
153.4	155.16	clay alteration overprinting the country rock.	cy	1	perv	w
153.4	155.16	pervasive, overprinting of the country rock by fecb alteration.	fecb	2	perv	o
153.4	155.16	fecb alteration within quartz veins	fecb	3	vn	o

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
153.4	155.16	quartz vein hosted white clay alteration.	cy	1	vn	w
155.16	159.75	minor clay alteration within quartz veins.	cy	1	vn	w
155.16	159.75	quartz vein hosted fecb alteration.	fecb	2	vn	o
159.75	164.75	weak fecb alteration along the selvedges of quartz veins.	fecb	1	vn	o
165.2	165.75	A weak epidote halo formed around a stratigraphic contact.	ep	1	perv	g
165.2	165.75		cy	1	diss	g
165.2	165.75	A weak epidote halo formed around a stratigraphic contact.	ep	2	vn	g
165.6	171.93	pale yellow clay, primarily formed on foliation planes.	cy	2	fol	y
165.6	171.93	fecb overprint is subdued in this interval and a pale yellow clay is the dominant alteration.	fecb	2	frac	o
165.6	171.93	fecb porphyroblasts formed along thin siltstone/vfg sandstone beds.	fecb	1	bed	o
172.56	178.5	disseminated porphyroblasts of fecb in the wall rock. This forms a distal halo around the strongly altered quartz veins.	fecb	1	diss	o
172.56	178.5	quartz vein hosted fecb alteration	fecb	3	vn	o
172.56	178.5	fecb alteration formed along open fractures in the interval.	fecb	3	frac	o
172.56	178.5	weak clay alteration forming a narrow halo around fault hosted quartz veins.	wcy	1	perv	w
172.56	178.5	White clay formed within quartz veins, commonly as blebs and small seams within the vein.	wcy	2	vn	w
178.5	183	more intense alteration in the core of a fault zone.	wcy	3	vn	w
178.5	183	more intense fecb alteration in the core of a fault zone.	fecb	4	vn	o
178.5	183	more intense fecb alteration in the core of a fault zone.	fecb	3	diss	o
178.5	183	more intense fecb alteration in the core of a fault zone.	fecb	4	frac	o
178.5	183	more intense alteration in the core of a fault zone.	wcy	3	perv	w
179.1	179.25	Hematite is an uncommon alteration at the Main Zone, but does occurr from time to time. It indicates a more oxidised fluid than what is commonly associated with Au mineralisation. As such, it may represent the passage of a late stage, post-mineralisation fluid.	hem	2	vn	r
183.6	184.26	minor epidote formed on the selvedge of fractures.	ep	1	vn	g
183.6	184.26	weak clay development on vein selvedge.	wcy	1	vn	w
183.6	184.26	epidote, and probably chlorite/muscovite, replacement of fsp grains in the clastic rocks (i.e., sauseritization). Epidote is localised to the hanging wall of a lithological contact.	ep	1	smgr	g
184.4	198.1	fecb alteration drops off in the phyllite interval. Fluids are passing through the rock and fecb is present on fractures, in the S1 foliation and pervasively in some siltstone and fgr sandstone beds; where there is increased permeability. fecvb alteration is also present along the selvedge of some veins.	fecb	1	fol	o
184.4	198.1	fecb alteration also forms along foliation planes, which have enhanced fluid flow.	fecb	1	frac	o
184.4	198.1	fecb alteration is strongest along chemically reactive, permeable fgr sandstone and siltstone beds.	fecb	2	bed	o
198.6	198.7	Intense clay development in a grey clay fault gouge.	gcy	4	gouge	gy
199.8	203	Hairline quartz-carbonate veinlets, which occur every 1 m, or so. This array of veins is also associated with py and asp (1-2%).	cbt	2	vn	w
207.66	214.54	There is little alteration in this interval, just an off-white clay in discreet quartz veins cutting the interval.	wcy	1	vn	w
207.66	214.54	Graphite is a component of the phyllite,but is also remobilised along the S2 foliation plane.	gf	3	perv	n
207.66	214.54	white clay forms halos around quartz veins, where fluids have bled along the pre-existing foliation plane.	wcy	2	fol	w

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
214.59	249	Blebs of white carbonate alteration are distributed throughout the interval. The carbonate is typically calcite and is associated with py+asp. The morphology of the calcite blebs and grain boundary relationships with the gouge particles indicates the calcite formed from late, epigenetic fluids migrating through the cataclastic shear zone.	cbt	2.5	bleb	w
214.59	249	Intense clay alteration within an extensive brittle fault with broad gouge zones. Cb is present as blebs through the interval. It is notable that two short subintervals of sandstone are less intensely clay altered and the clay is white. However, the sandstone is abundantly faulted and clay seams form conjugate faults. The specific subintervals are broken out in the structural section.	cy	4	perv	n
220.17	224.14	Intense, pervasive clay alteration of phyllite. The inteval is friable and semi-competent due to alteration.	ncy	4	perv	n
224.14	225	Intense, pervasive grey clay alteration of a thin, medium-grained arkose bed. The interval is semi-competent, friable sandstone.	gcy	4	perv	gy
225	229.5	Strong, clay alteration of mostly competent, faulted black phyllite.	ncy	3	perv	n
229.5	237.4	Strong, pervasive clay alteration of black phyllite. Abundant clay gouge zones are present.	ncy	3	perv	n
237.4	240.86	Moderate to strong clay alteration of a medium-grained arkose bed. The sandstone is competent rock, but somewhat friable.	gcy	2.5	perv	gy
240.86	249	Intense pervasive clay alteration of black phyllite and extensive developement of black, clay gouge.	ncy	4	perv	n
249	265	weak clay alteration is quartz veins.	wcy	1	vn	w
249	265	wcy is pervasive in the interval and is controlled by fractures. It is not as intense as higher in the hole, but pervasive clay alteration of the wall rock is strong enough to weaken the rock so it cannot be lifted intact out of the core box.	wcy	2	perv	w
249	265	moderate intensity of white clay on the face of open fractures.	wcy	2	frac	w

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
14.1	15	FZ	400.0%	BFZ	gouge friable phyllite [poorly recovered]
32	32.2	FZ	200.0%	BFZ	fissile, friable shattered phyllite fragments [poorly recovered] along foliation
41.86	46.4	FZ	300.0%	BFZ	brittle faultzone with about 50% of core preserved as blocky, competent, foliated phyllite fragment. Remainder of core as interspersed, poorly recovered gouge wedges and fissile, shattered, softened, iron-stained fragments - loose and and also in part bound in gouge matrix. Some fragments shoe intersecting tension veining [thin <0.5cm thick seams]
60.4	61	FZ	300.0%	bx	small angular fragments held in 20% gouge-clay matriz with internal 60TCA foliation fabric
73.28	81.2	FZ	300.0%	BFZ	Fault Zone that contains lithological contacts: Broken, blocky and rubbled with partially competent core with interspersed [partially poorly recovered] gouge wedges that hold angular rock fragments. Zone contains two blocky sandstone interbeds and possibly sandstone gouge [tan colour],--- see lithology Phyllite lithology predominates in this zone.
84.5	85.1	QZVN	400.0%	bx	Multiple densely spaced, foliation concordant quartz veins win phyllite that contain angular wedges of phyllite in vein material veins are iron-carbonate stained and have multiple tension cracks perpendicular to vein contacts also grey-green chlorite wedges in vein material that appears elongated along foliation [low grade shearing?] contacts of structure are not well preserved due to poor recovery
124	126.37	FZ	300.0%	BFZ	A faultzone delineated by quartz tension veins which are weakly folded and form various angles to the core axis. Local brecciation occurs in the interval. Strong fe-cb alteration is associated with the veins and orange clay is fills open fractures through the fault. The most significant vein and associated alteration is parallel to the core axis.
130	131.8	FZ	300.0%	BFZ	A brittle fault zone with three distinct clay gouge zones. The fault occurrs at the contact between a phyllite dominated interval and sandstone. The exact location of the contact is ambiguous, but both rocks types are faulted and brecciated.

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From	To	Mineral	Intensity	Distribution	Comments
131	132.03	FZ	300.0%	bx	A fault zone formed in black phyllite at the contact with an underlying arkosic sandstone. The fault is delineated by intense clay development and broken core. A 15 cm wide cataclastic gouge is comprised of brecciated and ground sandstone and phyllite. This is appears to be the core of the fault zone.
132.37	134	FZ	300.0%	BFZ	A brittle fault zone where most of the core was lost the remaining fragments consist if thin (3-5mm) vuggy quartz veins with fe-cb alteration in the vein and a narrow, .3cm, halo around the vein.
143.5	143.64	FZ	300.0%	BFZ	A narrow brittle fault zone formed within a minor phyllite bed. The fault contains folded quartz veins with 5-8% py + 2-3% asp. Sulphides are distributed in both the vein and in the brecciated phyllite.
143.86	144	FZ	200.0%	bx	A fault zone at the lower contact of a conglomerate unit. The zone is delineated by broken core and fe-cb bearing quartz veins.
148.7	151.72	FZ	200.0%	BFZ	A brittle fault zone with broken core, fecb alteration associated with quartz veins. The central portion of the fault is intact core, but 2 narrow (3cm) gouge zones are present.
153.88	155.16	FZ	200.0%	bx	A brittle fault zone demarcated by rubble with brecciated quartz vein. The veins are thin, vuggy veins with strong fecb alteration. fecb alteration is also pervasive in the wall rock.
178.5	183	FZ	100.0%	BFZ	The abundance of quartz veins picks up in this interval, along with associated alteration. It is a brittle fault zone demarcated by the quartz veins. The veins are 3-5 cm thick and cross cut earlier foliated quartz veins, which indicates reactivation of the fault zone.
197.04	198.3	FZ	300.0%	bx	A grey clay gouge with brecciated phyllite clasts and a small amount of fecb altered quartz vein clasts. This is a cataclastic fault.
207.66	214.54	Folds	300.0%		An interval of F2 an F1 parasitic folds. The F1 folds are manifested as isoclinal folds with axial planar S1 cleavage. F2 is observed as open warps of So, which form steep and gentle limbs. A space (1-2mm) slaty S2 cleavage is axial planar to F2 folds. S2 crenulates So, S1, and D1 veinlets. Pyrite is strongly developed along S2 planes and gf probably defines the cleavage. There is no asp in the foliation. Note F2 verges north. White quartz veins with asp and py cross cut both cleavages and a younger generation of structure.
213.7	214.85	FZ	200.0%	BFZ	A series of quartz tension veins form an array in the immediate hanging wall of the shear zone down hole. These are possibly kinematic indicators of a late stage of movement associated with brittle faulting and clay gouge development within the shear zone. The geometry of the TVA indicates reverse dip-slip on a moderately dipping fault of unknown orientation.
214.54	220.17	FZ	400.0%	bx	Black clay gouge with breccia clasts of phyllite.
214.85	249	SZ	400.0%	CSZ	This is a broad intersection of intense cataclasis with abundant, discreet clay gouge zones. It is formed, predominantly, in phyllite, but a few sandstone beds are present (i.e., grey vs. black clay gouge). Most quartz veins in the fault zone has been milled and the few which are not milled are strongly brecciated. Although the deformation state of quartz veins may indicate polyphase movement in the cataclastic shear zone, the varied degree of brecciation and cataclasis may also suggest the continuous vein development during a prolonged deformation/fluid event. The presence of relatively less deformed, non-cataclastic rocks in the shear zone indicate that the fault may comprise, four discreet fault/slip planes. No oriented core was recovered and the geometry of the fault is completely unknown, although quartz TVA in the hanging wall of the shear zone suggest it is a moderately dipping, reverse fault. The four sub intervals are broken out as discreet brittle fault zones.
225	229.5	FZ	300.0%	BFZ	Strong black clay alteration of phyllite, but still competant. There are abundant, brittle conjugate faults throughout the interval with thin (1 cm) clay seams.
229.5	237.4	FZ	300.0%	BFZ	Strong black clay alteration of phyllite with abundant thin to moderately thick, discontinuous clay gouge zones. These are thought to represent anastomosing fault strands.

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From	To	Mineral	Intensity	Distribution	Comments
240.86	249	SZ	400.0%	CSZ	80% cataclastic gouge formed from milled and brecciated black graphitic phyllite. Sulphides are abundant in this interval, some of which are from the milled quartz veins, but some the larger and better formed asp grains appear to be from fluids. A series of thin, late quartz veinlets cross cut the gouge. There are short intervals of semi-competent, friable phyllite, but it is strongly, pervasively clay altered.
249.3	249.5	FZ	300.0%	BFZ	A grey clay gouge with milled breccia clasts of sandstone from the wall rock. This particular fault is probably associated with the main shear zone up hole.
256.75	256.9	FZ	300.0%	BFZ	A narrow, grey clay gouge fault zone. No contact angles were preserved.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
75.5	76.6	singular grain in vein fragment	asp	0.01	vn
138.8	139.83	Sulphides are distributed along a vuggy quartz vein and associated fecb alteration.	py	0.05	vn
138.8	139.83		sph	0.01	vn
138.8	139.83		asp	0.02	vn
138.8	139.83		mo	0.01	vn
143.5	143.64	vein controlled and disseminated mineralisation in the wall rock	asp	0.03	vn
143.5	143.64		py	0.04	vn
145.4	146.2		asp	0.01	vn
145.4	146.2		mo	0.005	vn
145.4	146.2	vein hosted sulphide mineralisation, similar to 138.8 m.	py	0.02	vn
156.86	157.3		asp	0.005	vn
156.86	157.3	Vuggy quartz vein with py+asp.	py	0.02	vn
158	170		py	0.03	diss
158	170		mo	0.005	vn
158	170		py	0.03	vn
158	170		asp	0.01	vn
158	170	The disseminated mineralisation is weaker, but sulphides are present throughout the interval.	asp	0.01	diss
172.5	174.35		py	0.05	vn
172.5	174.35		py	0.02	diss
172.5	174.35	Sulphides are predominately in the quartz veins, but also ocurr in the matrix, generally around veins.	asp	0.03	vn
172.5	174.35		asp	0.005	diss
177	178.5		py	0.05	vn
177	178.5		asp	0.005	diss
177	178.5	Sulphides are predominately in the quartz veins, but also ocurr in the matrix, generally around veins.	asp	0.03	vn
177	178.5		py	0.02	diss
178.5	183	Mineralisation is stronger within the fault zone.	asp	0.05	diss
178.5	183		py	0.08	diss
201.5	203	quartz carbonate veins.	asp	0.01	vn
201.5	203	quartz carbonate veins	py	0.03	vn

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From:	To:	Comments	Mineral	Percent	Distribution
201.5	203	Forms wall rock halos around the quartz veins.	py	0.01	diss
201.5	203	Strong replacement along permeable beds.	py	0.08	bed
207.6	207.66	py distributed along the axial plane of F3 kink folds.	py	0.03	Axp
207.66	214.54	S2 foliation planes.	py	0.02	fol
207.66	214.54		asp	0.01	vn
207.66	214.54	Mineralisation is mostly in white quartz veins. Pyrite is broadly distributed in S2 cleavage, which is axial planar to F2 folds. This event is limited to py. asp is only seen in quartz veins, which cross cut all the earlier fabrics.	py	0.03	vn
207.66	214.54		py	0.03	bed
214.54	249		asp	0.03	diss
214.54	249	Mineralisation is persistent through the fault zone. py is the predominant sulphide, but asp is also present in lower abundances throughout the gouge zones. The two competent intervals (see structure) are the least mineralised zones, but still contain py in clay seams. On average py (3-5%)+asp(1-3%). The sulphides form as clots associated with blebs of carbonate. Some of the higher abundances are in the vicinity of milled quartz vein clasts, which are common in the fault zone.	py	0.05	diss
249	265	Trace amounts of pyrite disseminated in the clastic rocks in the footwall of the fault zone.	py	0.001	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
11.5	Cleavage	4	S1			34			foliation in phyllite
13	Cleavage	4	S1			44			foliation in phylite
14.1	Faults				Gouge	40			gouged friable phyllite [possibly along foliaton]
15.5	Cleavage	4	S1			43			
15.5	Veins			fecb	SHTV	43			multiple foliation concordant, dusty white quartz veinlets with iron-carbonate rimming
15.5	Cleavage	5	S2		Veinlets	55			repeated mechanical cleaving and thin quartz-calcite seams along 55TCA [S2?]
17.7	Cleavage	4	S1			50			
17.9	Fold Axial Plan		F1			20			visible fold profile
17.9	Cleavage	4	S1			25			
18.1	Cleavage	5	S2			54			
18.39	Fold Axial Plan		F1			60			
18.65	Cleavage	4	S1			40			
18.65	Cleavage	5	S2			65			cleavage along visible profiles
19.4	Veins	5	S2	fecb	SHTV	70			possibly along S2
19.5	Cleavage	4	S1			44			
19.5	Cleavage	5	S2			70			
24.9	Cleavage	5	S2			51			
24.9	Cleavage	4	S1			35			
26.7	Cleavage	4	S1			40			
26.7	Cleavage	5	S2			52			
27.84	Joints				Gouge	37			1cm gouge wedge along low core angle fracture

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
28.6	Cleavage	4	S1			40			
31	Cleavage	4			Veinlets	36			sheared vein seam along phyllite foliation
31.8	Cleavage	4	S1			40			
32.2	Faults				Gouge	35			friable, shattered phyllite + gouge seam along foliation
33.8	Cleavage	4	S1			48			trend of flexing/folded foliation
33.8	Fold axes		F1			5			visible fold profiles [flexing in foliation]
34.3	Cleavage	4	S1			52			
36	Cleavage	4	S1			45	328		foliation in phyllite
38.1	Cleavage	5	S2			65			
38.1	Cleavage	4	S1			35			
39	Cleavage	4	S1			44			
39.6	Cleavage	5	S2			65			
39.65	Fold Axial Plan		F1			75			
41.9	Cleavage	4	S1		Gouge	58			foliation fabric in gouge in fault zone
42	Cleavage	4	S1			52	285		
43	Veins				TVA	35			tension vein visible in blocky, short fragment in short zone
44	Cleavage	4	S1			32			
46.7	Cleavage	4	S1						
47.1	Cleavage	4	S1			18			
47.5	Cleavage	4	S1			26			
49.3	Joints				Open				Cave-in
51	Cleavage	5	S2			56	310		expressed as recurring cleavage
51	Cleavage	5	S1			32	310		expressed as lamellae
53	Cleavage	4	S1			30			
55.9	Cleavage	4	S1			32			
58.35	Cleavage	4	S1			35			
59.5	Cleavage	4	S1			32			
60.4	Faults	34				64			gouge matrix with iron staining holding small angular fragments (20% matrix) with internal 60TCA foliation
62	Cleavage	4	S1			40			
65	Cleavage	4	S1			40			shows preserved load structures in silt interbedding
66.4	Cleavage	5	S2			65			
66.4	Cleavage	5	S2			45			
66.75	Faults	34			bx matrix	55			poorly preserved gouge-breccia [20% clay matrix holding <2cm diameter subangular fragments] along 55TCA -- foliation discordant
69.2	Cleavage	4	S1		Clay	41			degraded edges and red-brown clay coating
69.4	Cleavage	4	S1		bx matrix	34			1cm thick, light, calcite-clay wedge (70% matrix) holding <1cm diameter, subangular phylllite fragments along foliation
70.4	Cleavage	4	S1			40			

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
73	Cleavage	5	S2			72			multiple crack-seal seams (<0.5mm diameter) along what appears to be S2
73.28	Faults	4	S1		Gouge	60			fault contact along foliation
74	Veins				SHTV	60	350		multiple vuggy, paral quartz veins in fine-graines sand/silstone
75.4	Cleavage	4	S1			54			in clay-silt interbedding in phyllite
77	Cleavage	4	S1			64			in fine-grained sandstone
77.6	Faults	38			Gouge	76			gouged lithological lower contact of fine-grained sandstone unit with phyllite as part of larger scale fault zone
78.6	Veins	38			SHTV	38			foliation concordant
78.6	Cleavage	4	S1			38			
81	Faults	4	S1		Gouge	87			foliaton in tan coloured gouge [gouged sandstone interbed?]
81.1	Cleavage	4	S1			16			
81.2	Fold Axial Plan					81			open folding
82.8	Cleavage	4	S1			60			
83	Veins	5	S2		SHTV	69			recurring foliation discordant veinlets [<0.5cm thick] along axial fold planes of open fold profiles with about 4-6cm wavelength
83	Cleavage	4	S1			5			
123.1	Bedding	46	So			10			
124.6	Veins			fecb	SHTV	0			
124.8	Veins			qtz	TVA	20			quartz tension veins formed in the wall rock along the margin of a fault fill vein.
125.2	Veins			qtz	SV	20			quartz vein with strong fe-cb alteration along selvedge
126.1	Veins			qtz	LV	0			quartz vein hosted by brittle fault with strongly brecciated wall rock
126.1	Veins			qtz	TVA	65			tension veins associated with core parallel laminated vein. Fe-cb alteration is not as distinct in this vein as it is in the main fault zone, but there is alteration in cracks where the two vein intersect.
127.64	Veins			qzcb	Veinlets	65			vuggy quartz-carbonate vein with fe-cb alteration. Carbonate appears to have been removed from the vugs.
129.4	Bedding		So			60			
129.4	Cleavage		S1			45			A distinct slaty cleavage with mm-scale spacing. This foliation is locally refolded by younger parasitic folds.
130.32	Faults			cy	Gouge	65			5 cm wide Grey clay gouge developed parallel to So
130.72	Faults			cy	Gouge	65			5 cm Grey clay gouge
131.32	Faults			cy	Gouge	60			48 cm, buff coloured clay gouge developed at the sandstone contact, which moderates the colour.
132.12	Veins			qtz	Veinlets	25			vuggy quartz vein with fe-cb alteration
135.8	Joints			fecb	Clay	20			
136.1	Veins			qtz	CTV	25			.25cm wide quartz veins with comb textures and fecb alteration
136.5	Veins			qtz	SHTV	0			core parallel vein with 5-8% sulphides including py(4)+asp(2)+sph(1)+mo(?1%)
139.03	Veins			qtz	SHTV	30			7 cm wide qzvn with fecb alteration
139.05	Faults			cy	Gouge	75			grey clay gouge with brecciated wall rock (2 cm wide)
139.9	Cleavage		Ssh	fecb	Fol	15			.4 cm space disjunctive cleavage with fecb in the plane of the cleavage
141.64	Veins			qtz	SHTV	30			white quartz vein with disseminated fecb

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
143.2	Cleavage		Ssh	fecb	fol	10			disjunctive space foliation related to strain in the fault zone
143.64	Contact			cy	Gouge	80			lower contact between phyllite bed and arkosic sandstone
144.2	Veins			qtz	vuggy	5			
145.4	Veins			qtz	AV	25			fecb alteration
145.7	Veins			qtz	AV	15			asp+fecb alteration
147.1	Veins			qtz	vuggy	40	308		Vuggy quartz vein with fecb alteration
147.6	Veins			qtz	AV	35			fecb alteration
149.2	Faults			cy	Gouge	40			ocy
149.9	Contact	77	Ssh		FOL	15			
151	Faults			gcy	Gouge	80			
152.75	Cleavage	77	Ssh		FOL	15	290		
153.3	Veins			qtz	vuggy	5			
155.8	Veins			qtz	vuggy	15			
156.86	Joints			fecb	Open	15			Fracture with fecb+asp+py coating.
158.3	Veins			qtz	vuggy	25			Quartz vein with mo+py+asp
158.64	Veins			qtz	vuggy	10			A 5 cm wide quartz vein with fecb alteration
159.75	Veins			qtz	CTV	5			A quartz vein with distinct blades that suggest cbt dissolution from a quartz carbonate vein.
159.75	Joints				Open	5			
162.14	Veins			qtz	Veinlets	15			A hairline quartz vein with py+cpy?
165.6	Contact					80			A contact between pebble conglomerate and phyllite. An epidote halo has formed around the contact.
168.85	Contact		S1	Slaty	Penetrative	35	182		
168.9	Bedding					80	201		siltstone bed
169.72	Axial Plane		F1	Isoclinal	Fishook	80			A folded D1 quartz vein.
169.83	Veins			qtz/cbt	vuggy	75			
171.93	Axial Plane		F2	tight					An F2 fold with axial planar foliation.
172.25	Veins			qtz	Veinlets	35			Hairline veinlets.
172.5	Veins			qtz	vuggy	15			fecb
172.65	Veins			qtz	vuggy	10			fecb
177.9	Veins			qtz	HSV	40			A 5 cm wide HSV with asp+py
179.1	Veins			qtz	vuggy	15			hem+fecb
179.25	Veins			qtz	vuggy	0			
179.4	Veins			qtz					A 20 cm wide vein.
180.63	Veins			qtz		35			A fractured and foliated quartz vein with fecb alteration.
180.63	Veins			qtz		0			A young vein cuts an older vein, both are mineralised with sulphides. The sulphides form a halo in the wall rock too.
180.73	Cleavage		Ssh		disjunctive	15			A fracture cleavage related to faulting.
184.26	Bedding		So			50			
184.26	Contact					50			Contact with a phyllite unit. There is a py+ep halo around the contact.

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
188.7	Joints			fecb		45	70		
188.7	Veins			qtz	FOL	55	235		Hairline veins parallel to the foliation. Both the foliation and veins are crenulated.
188.7	Joints			fecb		50	49		
188.75	Cleavage		S1			35	231		Fine-grained sandstone with clasts in the vicinity of stretched quartz pebbles, which are aligned to the S1 fabric.
188.83	Bedding		So			60	222		Phyll/Ar.mgr bedding plane. The unit is thin bedded.
191.95	Bedding		So			65	150		Contact between Ar.mgr/phyll
193.2	Joints				Open	0			The fracture runs for about a meter along the core axis.
196.8	Contact					65			
196.9	Faults			cy		10			A 1 mm wide clay seam.
200.7	Veins			qtz/cbt		25			
201.4	Bedding					65	241		
203	Veins			qtz/cbt		20	55		py+asp
204.8	Bedding					70	177		
204.8	Veins			qtz/cbt		35	72		
204.8	Cleavage		S1			50	242		
207.65	Axial Plane		F3	kink		20			An F3 kink band. Py is distributed along the axial plane of small kink bands (D3 mineralisation?)
207.66	Veins			qtz		60			A 6 cm wide vein with py+asp
208.3	Cleavage		S2		penetrative	40	95		
208.3	Bedding		So			0	360		
209.3	Cleavage		S1			70	225		
209.3	Bedding		So			70	200		
210.2	Veins			qtz		85			A 2 cm wide vein with py+asp
213.1	Cleavage		Sx			15			
213.3	Veins			qtz		20			.5 cm wide.
213.75	Veins			qtz	wcy	70			WCY on veins perpendicular to the TVA.
213.85	Veins			qtz	TVA	0			
214	Veins			qtz	TVA	35			
214	Veins			qtz	wcy	55			Perpendicular to TVA; TVA cross cuts this set of veins. Picture 227
230.1	Faults			cy	Gouge	60			
230.5	Joints			gcy	Clay	10			
237.15	Contact				Gouge	80			
238.9	Joints			fcy	Clay	30			asp
238.95	Veins			qtz		30			Bull quartz with asp in the wall rock around the vein.
240.14	Veins			qtz		30			Bull quartz with asp in the wall rock
240.3	Contact					75			contact between phyllite and fault gouge.
242.8	Veins			qtz	QBX				
249.3	Faults			gcy	Gouge	15			Fault gouge with milled wall rock clasts. The gouge is 20 cm wide and precedes an interval of ground rock.

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
256.75	Faults			gcy	Gouge				Clay gouge with milled breccia clasts; no preserved contacts.
258.1	Veins			wcy		55			
261.62	Veins			qtz	wcy	80			
262	Joints			wcy	Open	20			
264.5	Faults			wcy	Gouge				No preserved contact
264.9	Joints			wcy	Open	5			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27958	6	9	2011	Expl Geochem	H-split	MT-Phy
27959	9	12	2011	Expl Geochem	H-split	MT-Phy
27960	12	15	2011	Expl Geochem	H-split	MT-Phy
27961	15	18	2011	Expl Geochem	H-split	MT-Phy
27962	18	21	2011	Expl Geochem	H-split	MT-Phy
27963	21	24	2011	Expl Geochem	H-split	MT-Phy
27964	24	27	2011	Expl Geochem	H-split	MT-Phy
27965	27	30	2011	Expl Geochem	H-split	MT-Phy
27966	30	33	2011	Expl Geochem	H-split	MT-Phy
27967	33	36	2011	Expl Geochem	H-split	MT-Phy
27968	36	39	2011	Expl Geochem	H-split	MT-Phy
27969	39	41.86	2011	Expl Geochem	H-split	MT-Phy
27970	39	41.86	2011	STND	CDN-GS-8B	MT-Phy
27971	39	41.86	2011	DUP	Q-Split	MT-Phy
27972	41.86	44	2011	Expl Geochem	H-split	MT-Phy
27973	44	46.4	2011	Expl Geochem	H-split	MT-Phy
27974	46.4	48	2011	Expl Geochem	H-split	MT-Phy
27975	48	51	2011	Expl Geochem	H-split	MT-Phy
27976	51	54	2011	Expl Geochem	H-split	MT-Phy
27977	54	57	2011	Expl Geochem	H-split	MT-Phy
27978	57	60	2011	Expl Geochem	H-split	MT-Phy
27979	60	63	2011	Expl Geochem	H-split	MT-Phy
27980	63	66	2011	Expl Geochem	H-split	MT-Phy
27981	66	69	2011	Expl Geochem	H-split	MT-Phy
27982	69	72	2011	Expl Geochem	H-split	MT-Phy
27983	72	73.28	2011	Expl Geochem	H-split	MT-Phy
27984	73.28	75.5	2011	Expl Geochem	H-split	MT-Phy
27985	75.5	77.8	2011	Expl Geochem	H-split	MT-SS.fgr
27986	77.8	81.2	2011	Expl Geochem	H-split	MT-Phy
27987	81.2	84.5	2011	Expl Geochem	H-split	MT-Phy

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
27988	84.5	85.1	2011	Expl Geochem	H-split	MT-Phy
27989	85.1	87	2011	Expl Geochem	H-split	MT-Phy
27990	87	90	2011	Expl Geochem	H-split	MT-Phy
27991	90	93	2011	Expl Geochem	H-split	MT-Phy
27992	93	96	2011	Expl Geochem	H-split	MT-Phy
32501	96	99	2011	Expl Geochem	H-split	MT-Phy
27993	99	100.5	2011	Expl Geochem	H-split	MT-Phy
27994	100.5	102	2011	Expl Geochem	H-split	MT-Phy
27995	102	104.15	2011	Expl Geochem	H-split	MT-Phy
27996	104.15	105	2011	Expl Geochem	H-split	MT-Phy
27997	105	108	2011	Expl Geochem	H-split	MT-Phy
27998	108	111	2011	Expl Geochem	H-split	MT-Phy
27999	111	114	2011	Expl Geochem	H-split	MT-Phy
28000	114	114.23	2011	Expl Geochem	H-split	MT-Phy
28001	114.23	117	2011	Expl Geochem	H-split	MT-Phy
28002	117	120	2011	Expl Geochem	H-split	MT-Phy
28003	120	122	2011	Expl Geochem	H-split	MT-Phy
28004	122	123	2011	Expl Geochem	H-split	MT-Phy
28005	123	124	2011	Expl Geochem	H-split	MT-Phy
28006	124	126.37	2011	Expl Geochem	H-split	QZVN
28007	126.37	128.8	2011	Expl Geochem	H-split	MT-Phy
28008	128.8	130	2011	Expl Geochem	H-split	MT-Phy
28011	130	131.8	2011	Blank	LWS_2011	MT-SS.fgr
28009	130	131.8	2011	Expl Geochem	H-split	MT-SS.fgr
28010	130	131.8	2011	DUP	Q-Split	MT-SS.fgr
28012	131.8	135	2011	Expl Geochem	H-split	MT-AR.mgr
28013	135	138	2011	Expl Geochem	H-split	MT-AR.mgr
28014	138	139.85	2011	Expl Geochem	H-split	MT-AR.mgr
28015	139.85	141.85	2011	Expl Geochem	H-split	MT-AR.mgr
28016	141.85	143.5	2011	Expl Geochem	H-split	MT-AR.mgr
28017	143.5	143.64	2011	Expl Geochem	H-split	MT-Phy
28018	143.64	145.4	2011	Expl Geochem	H-split	MT-AR.mgr
28019	145.4	146.08	2011	Expl Geochem	H-split	MT-SS
28020	146.08	147.5	2011	Expl Geochem	H-split	MT-SS
28021	147.5	148.5	2011	Expl Geochem	H-split	MT-SS
28022	148.5	150	2011	Expl Geochem	H-split	MT-SS
28023	150	151.5	2011	Expl Geochem	H-split	MT-SS
28024	151.5	153	2011	Expl Geochem	H-split	MT-SS
28025	153	156	2011	Expl Geochem	H-split	MT-SS

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28026	156	159	2011	Expl Geochem	H-split	MT-SS
28027	159	162	2011	Expl Geochem	H-split	MT-SS
28028	162	165.6	2011	Expl Geochem	H-split	MT-SS
28029	165.6	168	2011	Expl Geochem	H-split	MT-Phy
28030	168	171	2011	Expl Geochem	H-split	MT-Phy
28031	171	171.93	2011	Expl Geochem	H-split	MT-Phy
28032	171.93	174	2011	Expl Geochem	H-split	MT-AR.mgr
28033	174	175	2011	Expl Geochem	H-split	MT-AR.mgr
28034	175	176	2011	Expl Geochem	H-split	MT-AR.mgr
28035	176	177	2011	Expl Geochem	H-split	MT-AR.mgr
28036	177	178	2011	Expl Geochem	H-split	MT-AR.mgr
28037	178	179	2011	Expl Geochem	H-split	MT-AR.mgr
28038	179	180	2011	Expl Geochem	H-split	MT-AR.mgr
28039	180	181	2011	Expl Geochem	H-split	MT-AR.mgr
28040	181	183	2011	Expl Geochem	H-split	MT-AR.mgr
28041	183	184.26	2011	Expl Geochem	H-split	MT-AR.mgr
28042	184.26	186	2011	Expl Geochem	H-split	MT-AR.mgr
28043	186	189	2011	Expl Geochem	H-split	MT-AR.fgr
28044	189	191.04	2011	Expl Geochem	H-split	MT-AR.fgr
28045	191.04	191.95	2011	Expl Geochem	H-split	MT-AR.fgr
28046	191.95	193.42	2011	Expl Geochem	H-split	MT-AR.fgr
28047	193.42	194.6	2011	Expl Geochem	H-split	MT-AR.fgr
28048	194.6	196.8	2011	Expl Geochem	H-split	MT-AR.fgr
28049	194.6	196.8	2011	STND	CDN-GS-8B	MT-AR.fgr
28050	194.6	196.8	2011	DUP	Q-Split	MT-Phy
28051	196.8	198	2011	Expl Geochem	H-Split	
28052	198	201	2011	Expl Geochem	H-Split	
28053	201	204	2011	Expl Geochem	H-Split	
28054	204	207	2011	Expl Geochem	H-Split	
28055	207	210	2011	Expl Geochem	H-Split	
28056	210	213	2011	Expl Geochem	H-Split	
28057	213	214.54	2011	Expl Geochem	H-Split	
28058	214.54	216	2011	Expl Geochem	H-Split	
28059	216	217	2011	Expl Geochem	H-Split	
28060	217	218	2011	Expl Geochem	H-Split	
28061	218	219	2011	Expl Geochem	H-Split	
28062	219	220	2011	Expl Geochem	H-Split	
28063	220	221	2011	Expl Geochem	H-Split	
28064	221	222	2011	Expl Geochem	H-Split	

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28065	222	223	2011	Expl Geochem	H-Split	
28066	223	224	2011	Expl Geochem	H-Split	
28067	224	225	2011	Expl Geochem	H-Split	
28068	225	226	2011	Expl Geochem	H-Split	
28069	226	228	2011	Expl Geochem	H-Split	
28070	228	229.5	2011	Expl Geochem	H-Split	
28071	229.5	230.5	2011	Expl Geochem	H-Split	
28072	230.5	231.2	2011	Expl Geochem	H-Split	
28073	231.2	231.4	2011	Expl Geochem	H-Split	
28074	231.4	234	2011	Expl Geochem	H-Split	
28075	234	235.5	2011	Expl Geochem	H-Split	
28076	235.5	237	2011	Expl Geochem	H-Split	
28077	237	237.4	2011	Expl Geochem	H-Split	
28078	237.4	239	2011	Expl Geochem	H-Split	
28079	239	240	2011	Expl Geochem	H-Split	
28080	240	240.86	2011	Expl Geochem	H-Split	
28081	240.86	243	2011	Expl Geochem	H-Split	
28082	243	246	2011	Expl Geochem	H-Split	
28083	246	249	2011	Expl Geochem	H-Split	
28084	249	252	2011	Expl Geochem	H-Split	
28085	252	255	2011	Expl Geochem	H-Split	
28086	255	258	2011	Expl Geochem	H-Split	
28087	258	261	2011	Expl Geochem	H-Split	
28088	258	261	2011	DUP	Q-Split	
28089	258	261	2011	Blank	LWS_2011	
28090	261	264	2011	Expl Geochem	H-Split	
28091	264	265	2011	Expl Geochem	H-Split	

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533665.5	6843935.2		

Elevation: 1544 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 55
Azimuth: 270
EOH: 246.0 m
Core Size: HQ

Start Date: 18/07/2011
Finish Date: 21/07/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
9	56	267.94	5831	Reflex	1
60	58.9	267.39	5841	Reflex	1
111	59.9	265.14	5838	Reflex	1
162	61	259.54	5840	Reflex	1
213	60.8	247.84	5834	Reflex	2
246	61.5	259.54	5937	Reflex	1

Objective:

This target is another test of the 3Ace Fault 37m north of 3A-11-P09. Step was moved 12m further north to accommodate topography. Target expected at 59m and possibly around 85m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	4	Casing	CASING		100.0%				co	1
4	83.85	A broad interval of black phyllite intersected at the top of the hole. The unit is well bedded with grey siltstone beds ranging in thickness from 1mm to 3cm. The thicker siltstone packages contain complex contact morphologies and often isoclinal folds, which do not contain an axial planar foliation. These folds appear to be transected by the regional S1 cleavage. The contact morphologies and fabric relationships suggest the thicker siltstone layers formed as syndepostional deformations (e.g., slump) structures. Most of the panel is fairly quiet structurally with consisten core axis angles of 35, but towards the bottom of the interval a series of F1 and F2 parasitic folds are intersected.	MT-Phy	n	100.0%	n			co	1
83.85	106.05	A grey, medium-grained arkosic sandstone; locally the unit is coarse-grained sandstone. The composition of the sand grains is predominantly quartz and feldspar. The proportion of quartz grains indicates the unit is probably sub-arkosic. Pervasive chlorite gives the sandstone a greenish tinge in a narrow (1m) halo developed at the contact with a underlying phyllite unit. This overprinting could be epi- or diagenetic. The interval displays abundant brittle fault structures, including quartz veins and minor clay gouge. Quartz dissolution within the brittle fault zones indicates fluid flow was enhanced within the structures. Sulphides are disseminated throughout the matrix of the sandstone (py+tr. asp). asp is abundant (3-4%) in the zones of stronger quartz dissolution, where it forms euhedral grains up to 2mm. Quartz veins consist mostly of 1cm-2cm wide veins with white clay. A small proportion of the quartz veins have fe-cb distributed along the selvedge of the vein and in small vugs. In the dissolution zones, brecciated clasts of quartz vein are common. It's not clear if asp mineralisation is from the milled vein fragments, or later overprinting fluids migrating through the fault zones. However, some of the euhedral asp grains are disseminated in the matrix of competent rock.	MT-AR		100.0%	gy			co	1
106.05	127.22	Grey, very fine-grained siltstone interbeds within the phyllite. The beds are rythmically deposited, but sedimentary structures were not observed to indicate if the depositional environment of the beds (i.e., turbidites or not?).	MT-SLT		30.0%	gy			co	1

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-013	Grant No.:	YD07124
Plunge:	55	Azimuth:	270	EOH:	246		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
106.05	127.22	Black phyllite with 2-3cm thick interbeds of siltstone. No sedimentary structures were observed to determine the younging direction in the beds. Although polyphase folding would make the determination of structural facing difficult in this stratigraphic sequence.	MT-Phy	n	70.0%	n			co	1
127.22	164.05	Medium-bedded gray quartz pebble conglomerate interbedded with grey arkosic sandstone that dominates the interval.	MT-CO	cgr	20.0%	gy			co	2
127.22	164.05	A grey, arkosic sandstone with 5-6% pebble clasts (quartz and lithic fragments) interbedded with quartz pebble conglomerate. The conglomerate beds typically have a more spaced, disjunctive cleavage. This interval has strong alteration in the form of pervasive desilicification. The foliation planes are particularly altered and ragged, sugguesting this was a primary fluid pathway. Narrow gouge zone throughout the interval are clay breccias and are typically limonite and fe-cb stained.	MT-AR	mgr	80.0%	gy			co	1
164.05	172.84	Thin-bedded grey siltstone from 1-4cm interbeds in the phyllite.	MT-SLT		15.0%	gy			co	1
164.05	172.84	Black phyllite interbedded with thin-bedded, grey siltstone. Bedding and cleavage planes in the phyllite are coated with graphit, but very weakly; remobilised from phyllite matrix? Bedding is relatively quiet and planar in this interval.	MT-Phy	gf	85.0%	n			co	1
172.84	180.93	A strongly veined interval of sandstone and minor amounts of pebble conglomerate with feldspar clasts. Alteration in this interval is comprised primarily of silicification, which crosses the upper lithology contact, and fe-cb veinlets. Arsenopyrite mineralisation is much stronger in this interval and is both disseminated and vein controlled. The lower contact of the interval is a fault gouge which cuts the mineralised zone off.	MT-AR	fgr	100.0%	gy			co	3
180.93	197.62	Thin-bedded (.2 cm-2cm thick) grey siltstone beds within the phyllite interval.	MT-SLT		25.0%	gy			lc	4
180.93	197.62	A strongly disrupted section of black phyllite with grey siltstone beds. The interval is strongly faulted and clay altered. Broad gouge zones with milled and crushed wallrock breccia clasts are found throughout the interval. This is similar to other holes, but the zone is higher up in the hill. The upper contact is a gouge zone with crushed sandstone breccia clasts (20cm wide). There is a sub-interval of relatively competent fine-grained sandstone within this interval. It was broken out for sampling.	MT-Phy	n	70.0%	n			co	1
197.62	212.1	Pervasively clay altered and faulted sandstone. Clay alteration makes the interval white. The alteration has made much of the interval weakly competent and the core breaks with handling. Clay altered feldspar grains are present as a clasts in the sandstone, approximately 15% and phyllite rip-up clasts are abundant. An interval of less altered sandstone is present and seperates two fault strands in the drillhole. The less altered and deformed sandstone is grey (201.89-204 m) Sub-intervals of less altered and deformed sandstone contain Ssh, a disjunctive cleavage associated with the brittle faulting.	MT-SS	mgr	100.0%	w	fsp	15	fr	3
212.1	216.3	Strongly faulted and gouged black phyllite. So is is sub-parallel to the core axis in this interval, indicating an F2 steep limb. The grey siltstone beds are up to 3 cm wide and form 30% of the interval. S1 cleavage is prominent and refracts strongly through the lithological boundaries.	MT-Phy	n	100.0%	n			fr	3

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-013	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	246					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
216.3	226.8	Strongly deformed, black graphitic phyllite with siltstone beds. The beds are 1-3mm thick and only 5-10% of the interval. It is a distinct lithological break from the previous interval	MT-Phy	gf	100.0%	n			fr	2
226.8	246	Fine- to medium-grained arenitic sandstone. There are minor phyllite beds, one of which is isoclinally folded. Locally 1mm feldspar clasts are present in low abundances. At 231m a sandstone/siltstone bed contains 5-10%, angular rip-up clasts along a bedding plane contact. The fine- and medium-grained sandstone beds are interbedded. Locally, Ssh is developed, but most structure is in the immediate footwall of the uphole brittle fault zone. This unit is typical of the footwall lithologies intersected in other holes in this area.	MT-SS	mgr	100.0%	bf	fsp	2	co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4	42.9	Replacement of 2 mm thick siltstone beds	fecb	2	bed	o
4	42.9	Minor migration of fecb alon foliation planes. This is a pretty quiet interval for alteration. Fluids are obviously migrating along early, preexisting features in the phyllite. Perhaps the distal edge of a fault zone halo in the country rock.	fecb	1	fol	o
40.56	40.95	Weak chlorite coating on a hairline quartz vein. This only occurrs in two quartz veins.	chl	1	frac	g
42.9	57.2	Orange stained clay coating on orange fractures. Alteration is overall, fairly low key through the initial interval in this hole. A cataclastic clay gouge with milled fecb fragments cross cuts this interval at 56.55 m (see structure).	ocy	1	frac	o
42.9	57.2	1 vein every .5 m or so.	fecb	2	vn	o
57.2	83.85	Below the fault fecb drops out of the system; fault cut-off/displacement. Sulphides make their first appearence in the hole in the footwall of the fault. Alteration in this interval is vein controlled and does not have a large impact the country rocck. In damage zones around the gouge pervasive and fracture controlled clay (gy) affects wall rock. These halos are approximately 20-30 cm wide. In this interval an off-white, mineral in the quartz veins is thought to be ankerite. It fizzes very weakly when scratched, but there is no stain to test it.	fecb	2	vn	w
57.2	83.85		py	1	vn	y
57.2	83.85	fecb distributed along less then 1% of the fractures.	fecb	1	frac	o
65.47	66.14	Clay gouge. This alteration interval is mostly consistent up to the contact with the clastic rocks. Two sub-intervals of sulphides (py) are present, but the alteration is the same, just zones of increased pre-D3 quartz veins forming distinct zones in structures. Most of the gouge in the structures contains short pieces of intensely clay altered phyllite that is semi-competent and still preserves the pre-D3 fabrics.	gcy	3	gouge	gy
65.47	66.14	Forms halos around the clay gouge.	gcy	2	frac	gy
84	95.47		ycy	2	frac	y
84	95.47	Forms halos around fractures.	fecb	1	frac	o
84	95.47	Quartz dissolution is pervasive throughout the sandstone, causing the rock to be friable in the fault zones.	DSIL	2	perv	bf

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
84	95.47	Quartz dissolution along fracture planes.	DSIL	2	frac	bf
84	95.47	Quartz dissolution within gouge zones.	DSIL	3	gouge	gy
84	95.47		wcy	2	frac	w
84	95.47	Vein hosted white clay.	wcy	2	vn	w
84	95.47	Quartz veins in the competent rock tend to cut cleanly across the sandstone with little, to no, apparent alteration. Fecb is only present on a low proportion of open fractures.	fecb	1	vn	o
98.8	104.98		DSIL	2	frac	bf
98.8	104.98	A pale green, soft mineral formed in clay seams along some fractures.	ep	1	frac	g
98.8	104.98		wcy	2	vn	w
98.8	104.98		DSIL	1	perv	bf
98.8	104.98	Quartz dissolution is intense in a couple of fault zones in this interval, but only pervasively affects the competent core weakly. Disseminated sulphides are probably associated with this pervasive fluid event.	DSIL	3	gouge	gy
106.05	127.22	Discreet, narrow black clay gouge zones.	ncy	3	gouge	n
127.22	164.05	Alteration in this hole is lithologically controlled. In this sandstone interval quartz dissolution picks up and seems to be controlled by fluid movement along the foliation planes. Clay alteration seems limited to gouge zones and to a lesser degree along the foliation planes.	DSIL	3	fol	bf
127.22	164.05		cy	1	perv	bf
127.22	164.05		DSIL	2	perv	bf
127.22	164.05	fsp is altered to clay in the QPC beds.	cy	1	smgr	w
127.22	164.05		fecb	1	diss	o
127.22	164.05		fecb	1	vn	o
127.22	164.05		cy	2	fol	bf
147	148.25	This is the best place I've seen limonite alteration, but it is very deep in the hole. This could be an overprinting by a late oxidised fluid.	LIM	1	frac	y
153	164.05	A very bright white clay on fracture surfaces.	wcy	1	frac	w
170.4	180.93		ycy	2	vn	y
170.4	180.93	pervasive silicification of strongly veined sandstone with sil+fecb+cy alteration. Sulphides are abundant in this section of the hole.	SIL	3	perv	
170.4	180.93		py	2	diss	y
170.4	180.93	calcite in quartz veins.	cbt	1	vn	w
170.4	180.93		asp	2	diss	gy
170.4	180.93	This could also be sericite	chl	2	vn	g
181.13	184.64	Grey clay gouge	gcy	2	vns	gy
181.13	184.64	Weak sericite developement along fractures in the sandstone.	ser	1	fol	w
181.13	184.64	Trace amounts of white clay on fracture surfaces.	wcy	1	frac	w
181.13	184.64	Grey clay gouge	gcy	2.5	frac	gy
181.13	184.64	quartz carbonate veins.	cbt	2.5	vn	w
184.64	212.1	Sections of unconsolidated core	DSIL	3	perv	bf
184.64	212.1	Clay is grey in sandstone and black in phyllites.	gcy	3	perv	gy
184.64	212.1	Clay is grey in sandstone and black in phyllites.	ncy	3	perv	n

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-013	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	246					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
201.89	204	Fracture controlled white clay.	wcy	2	frac	w
206	206.5	Fracture controlled white clay.	wcy	2	frac	w
212.1	216.3	fracture controlled graphite	gf	1	grac	n
212.1	216.3	weak, vein controlle iron carbonate alteration.	ank	1	vn	w
212.1	216.3		cbt	2	vn	w
216.3	226.8	fault gouge	ncy	3	gouge	n
216.3	226.8		ncy	3	perv	n
216.3	226.8		gf	3	perv	n
216.3	226.8	carbonate formed in rare quartz veins cross cutting the fault zone.	cbt	1	vn	w
216.3	226.8	quartz-carbonate veinlets	cbt	2	vn	w
216.3	226.8		wcy	1	vn	w
216.3	226.8	white clay distributed in rare quartz veins cross cutting the fault zone.	wcy	1	vn	w
226.8	246	A narrow sercite halo around a quartz vein at 243.0m.	ser	1	diss	w
226.8	246	quatz carbonate veinlets	cbt	2	vns	w

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
18.4	18.5	FZ	300.0%	BFZ	A grey clay gouge with cataclastic breccia clasts. The top of the hole is pretty quiet, although there are several narrow gouge zones distributed through it. There are also a few small mesoscale parasitic folds.
26.5	26.6	FZ	300.0%	BFZ	Grey clay gouge with clasts of brecciated country rock. The edges of the core is ground and no core axis angles could be recovered for the gouge.
27.55	27.61	FZ	200.0%	bx	A coherent breccia in the hanging wall of a 3 mm quartz-carbonate vein with weak fecb alteration.
29.55	29.7	FZ	300.0%	BFZ	Grey clay gouge with breccia clasts of phyllite.
30.1	30.15	FZ	200.0%	BFZ	Grey clay gouge.
30.9	31.6	FZ	200.0%	BFZ	Grey clay gouge
32.65	32.75	FZ	200.0%	BFZ	Grey clay gouge. The gouge contains minor (1%) py from brecciated veinlet in the footwall of the gouge.
39.45	40.5	FZ	200.0%	BFZ	Grey clay gouge with milled phyllite clasts. An interval of lost core with a high proportion of clay gouge material remaining.
43.79	43.94	FZ	200.0%	bx	Grey clay gouge seams in hairline fractures which form a brecciated interval associated with broken core. Hairline quartz veins are present in this interval and contain strong fecb along combs and axial septa boundaries.
56.55	57.2	FZ	300.0%	BFZ	Orange-brown clay gouge with abundant milled phyllite and brecciated quartz vein clasts. At the top of the gouge, fragments are orange from fecb fracture coatings, but the lower half of the gouge is predominantly grey clay with wall rock clasts. The change in composition of the gouge and alteration style reflects the style in wall rock across the fault zone, suggesting some degree of offset on the gouge. Unfortunately the kinematic sense of shear and amount of displacement is unknown.
59.1	60	FZ	200.0%	bx	An interval of broken core with a lot of grey clay gouge and milled wall rock. A fracture just below this zone has dip-slip slickenlines, indicating normal displacement.
65.47	66.14	FZ	300.0%	BFZ	Grey gouge with distinct damage zone highlight by fractures in the hanging and foot walls of the gouge.
66.54	70.54	folds	100.0%	folds	An interval of abundant F1/F2 parasitic folds. A possible F2 hinge zone.
70.4	72	FZ	200.0%	BFZ	Grey clay gouge with milled wall rock clasts and 2-3% pyrite.
72.36	72.46	FZ	200.0%	BFZ	Grey clay gouge with coarse, angular breccia clasts of milled wall rock.

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-013	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	246				

From	To	Mineral	Intensity	Distribution	Comments
72.46	72.9	FZ	300.0%	bx	A laminated quartz vein cross cuts an interval of folded, dismembered veinlets and a local increase in the abundance of pyrite. This is an earlier, reactivated fault zone.
75.95	76.22	SZ	300.0%	DBSZ	A zone of folded quartz veins within a brittle-ductile shear zone. The top of the shear zone is reactivated as a brittle fault demarcated by a grey clay gouge. The veins appear to contain ankerite.
76.76	77.15	FZ	200.0%	BFZ	A brittle fault zone demarcated by seams of grey clay gouge forming a network of faults that brecciate the country rock. The core through this interval is mostly broken along the gouge seams.
81.14	81.31	FZ	300.0%	BFZ	Clay gouge.
81.85	82	FZ	300.0%	BFZ	Clay gouge and pervasive clay alteration in fault zone.
84	85	QZVN	200.0%	BFZ	Quartz veins in a fault zone with lost core. The amount of sand indicates significant quartz dissolution in this interval. The vein contains asp+py.
85.5	86.2	QZVN	200.0%	BFZ	Similar to the previous zone, quartz dissolution and broken quartz veins define the fault zone. Asp+py are abundant, but probably no more than the surrounding, less deformed wall rock. This is post mineralisation faulting.
88.6	88.7	FZ	200.0%	BFZ	A narrow fault zone with quartz dissolution and grey clay gouge. The gouge is a minor component of this fault.
91.16	91.8	FZ	300.0%	BFZ	An interval of lost core due to quartz dissolution. Abundant quartz vein clasts and 4-5% sulphides (asp+py) in the interval. There is very little rock left in the box, just sand.
93.79	94.29	FZ	200.0%	BFZ	A fault zone with pervasive quartz dissolution, similar to previous fault zone.
94.93	95.47	FZ	200.0%	BFZ	A fault zone with pervasive quartz dissolution. The rock in these fault zones has completely turned to sand and there is little to describe in the way of fault fabrics.
101.1	101.57	FZ	300.0%	BFZ	A fault zone with intense quartz dissolution, leaving just sand behind in the box and some large sandstone clasts.
102.81	103.16	FZ	300.0%	BFZ	Broken core with abundant sand from quartz dissolution, a crumbled breccia zone.
131.1	133.7	FZ	300.0%	BFZ	Extensive clay gouge and crushing of sandstone weakened by quartz dissolution and clay developement in the fault. The fault probably consisted of multiple fault planes. The fault starts in the footwall of a vuggy quartz vein with fecb alteration. The vein has a small alpha angle and is subconcordant with foliation; much of the gouge is subconcordant to foliation. The foliation is a space (3 mm) disjunctive cleavage. This style of cleavage has been observed in outcrop at Sprogge and 3Ace and in many of the drill holes. It seems to be developed in response to the brittle faults. The foliation is ubiquitous throughout the clast lithological unit, forming beyond the boundaries of the fault.
158.3	160.2	FZ	200.0%	BFZ	Broken core with strong quartz dissolution, probably a stockwork/breccia zone.
172.75	180.93	SZ	300.0%	DBSZ	A brittle-ductile shear zone delineated by abundant quartz veins with multiple orientations. There are no distinct TVA veins, but some of the veins are weakly folded due to progressive shearing. The veins are vuggy and a few of the Q1 veins are TVA. There appears to be 3 phases of vein development in the shear zone, based on cross cutting relationships.
180.93	181.13	FZ	200.0%	BFZ	Grey clay gouge with breccia clasts of sandstone/conglomerate forms a fault contact with abundant py and lesser asp.
184.64	193.6	FZ	300.0%	BFZ	A black clay gouge zone with short intervals of semi-competent phyllite that is pervasively clay alterated. The gouge contains 2-8 mm breccia clasts of phyllite wall rock. A short interval of sandstone is also cataclastically deformed. The phyllite above this interval is strongly veined.
195	201.8	FZ	300.0%	CSZ	A cataclastic fault with grey clay gouge breccia and pervasively, clay altered, semi-competent intervals of wall rock. A fair amount of core is lost through this interval and no primary strucutural fabrics are preserved.

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

From	To	Mineral	Intensity	Distribution	Comments
204	212.1	FZ	300.0%	CSZ	A cataclastic fault in sandstone. There is strong quartz dissolution throughout the interval and some cross cutting quartz veins. The quartz veins are pre- to syn-brittle faulting. There are multiple fault strands present in the fault zone, which are separated by short intervals of competent sandstone. Pervasive clay alteration affects the entire interval, but its intensity is variable. The individual fault zones within the broader cataclastic shear zone are also broken out.
204	205	FZ	300.0%	BFZ	Clay gouge fault.
205.5	207.65	FZ	300.0%	BFZ	Clay gouge fault
208.1	212.1	FZ	300.0%	BFZ	Clay gouge fault.
216.3	221.8	FZ	300.0%	BFZ	Strong, pervasive clay alteration associated with fine-grained clay gouge. The gouge is mostly due to less competent wall rock. Short intervals of competent rock is preserved near the bottom of the fault zone. Rare quartz veins cross cut the interval, but are brecciated. The brecciation suggest the veins formed during a fluid pulse within a progressively developed brittle fault zone.
223.5	224.5	FZ	300.0%	BFZ	Clay gouge.
225	226.8	FZ	300.0%	BFZ	Clay gouge.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
60.4	66.14		py	0.03	bleb
60.4	66.14		py	0.02	vn
66.14	70.54	Background pyrite development.	py	0.02	vn
66.14	70.54	Pyrite is not abundant in the quartz veins, it's just present in a few veins.	py	0.005	diss
70.5	70.6		py	0.03	gouge
72.46	72.9		py	0.08	vn
72.46	72.9	Quartz veinlet breccia in the footwall of a cross cutting vein. The veinlets are folded and dismembered, indicating the veins are pre-D3.	py	0.04	bleb
72.46	72.9		py	0.02	diss
75	76.22		py	0.01	diss
75	76.22	Same as the previou interval with abundant TVA veinlets. Lots of these veins have ankerite.	py	0.04	bleb
75	76.22		py	0.03	vn
84	106.05		py	0.04	gouge
84	106.05	Sulphides are disseminated throughout the core. Most of the quartz veins have sulphides, but are less abundant than the matrix hosted grains.	py	0.03	vn
84	106.05		py	0.02	diss
84	106.05		py	0.04	gouge
84	106.05		py	0.04	diss
84	106.05		py	0.01	vn
106.05	127.22		py	0.005	bleb
106.05	127.22	Minor amounts of disseminated py in this phyllite interval.	py	0.01	diss
127.22	164.05	Sulphides are not very abundant at the top of these sandstone packages. Usually the sulphides are predominantly concentrated next to the quartz veins.	asp	0.01	diss
127.22	164.05		py	0.03	diss

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

From:	To:	Comments	Mineral	Percent	Distribution
172.75	180.93		asp	0.1	vn
172.75	180.93		asp	0.05	diss
172.75	180.93		py	0.05	frac
172.75	180.93		py	0.1	vn
172.75	180.93	Sulphides are in high abundance in a broad brittle fault zone. The fault zone is delineated by quartz veins with complex cross cutting relationships. Wall rock disseminations of pyrite are fine-grained, but ubiquitous. In veins and fractures the sulphides are coarse-grained and form little clots of asp+py.	py	0.07	diss
172.75	180.93		asp	0.05	frac
180.93	181.13		asp	0.03	diss
180.93	181.13	Multiple types of grains, from euhedral to adsorbed. It is difficult to determine if the sulphides are precipitated from a hydrothermal fluid in the fault, or liberated from the crushed sandstone.	py	0.06	diss
181.13	185.64		asp	0.02	vn
181.13	185.64		asp	0.001	diss
181.13	184.64		py	0.03	diss
181.13	185.64		py	0.04	vn
184.64	201.89	The top part of the gouge is not mineralised, only rare cubes of py.	py	0.001	diss
201.89	204	Fine grained py.	py	0.01	diss
201.89	204		asp	0.001	diss
201.89	204		py	0.02	vn
201.89	204		asp	0.02	vn
204	212.1	Metamorphic or hydrothermal alteration?	mu	0.04	fol
204	212.1		py	0.001	vn
204	212.1	There is no asp identified in this interval.	py	0.01	diss
212.1	216.3		asp	0.01	bed
212.1	216.3		py	0.005	diss
212.1	216.3	Seams of pyrite are present in the phyllite.	py	0.02	vns
216.9	218.5	in gouge.	py	0.03	diss
216.9	218.5		asp	0.005	diss
218.5	226.8	Fault zone in the hanging wall of a vein at 225.6 m.	py	0.01	gouge
218.5	226.8	ocurrs as blebs in the veins.	py	0.02	diss
218.5	226.8	Sulphides are very fine-grained in this interval.	py	0.005	diss
226.8	246	Fine-grained py.	py	0.005	diss

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
14.42	Joints			fecb	Open	5			
17.5	Bedding					45			
19	Joints			fecb	Open	5			
19.2	Joints			fecb	Open	30			
21.75	Joints			fecb	Open	20			
21.85	Joints			fecb	Open	8			
23	Veins			qtz	fecb	55			
23.9	Axial Plane		F1			60	245		
23.9	Bedding					55	228		
23.9	Fold axes		F1						25-055
24.7	Joints			gcy	Open	5			
26.7	Veins			qtz	Hairline	25			
27.2	Joints			fecb	Open	25			
27.61	Veins			qtz		20			
27.61	Faults			gcy	Gouge	20			
31.75	Veins			qtz	vuggy	30			Quartz vein contains comb texture and fecb alteration. This is the first good vein hosted fecb in the hole.
32.75	Faults	38		gcy	Gouge	70			
37.96	Faults			gcy	Gouge	65			3 cm wide.
40.6	Veins			qtz	hairline	25			
40.7	Veins			qtz	hairline	35			
40.9	Bedding					50			
42.9	Veins			qtz	vuggy	35			A vuggy vein with minor cbt and fecb alteration. The quartz is sugary.
44.75	Veins			qtz	vuggy	55			A vuggy, hairline quartz vein with strong fecb alteration.
44.8	Veins			qtz		30			A vein sub-concordant to So and folded by S2.
44.9	Veins			qtz	vuggy	45			strong fecb alteration
47.7	Joints			fecb	Open	10			
51	Bedding					30	210		
51.2	Bedding					40			fecb coating.
51.2	Joints			fecb		10			
51.25	Joints			fecb	Open	15			
53.24	Veins			qtz		70			
53.24	Joints			fecb	Open	70			
53.3	Veins			qtz		25			
53.3	Joints			fecb	Open	25			These joints appear to form conjugate pairs.
53.37	Veins			qtz		20			
53.37	Joints			fecb	Open	20			
53.46	Veins			qtz		70			
54.5	Joints			fecb	Open	45			
54.5	Veins			qtz		45			

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
54.56	Joints			fecb	Open	55			
54.7	Joints			fecb	Open	50			
57.43	Faults			gcy	Gouge	50			3 cm wide
59.5	Faults			gcy	Gouge				no core angle preserved
60.35	Faults			wcy		15			mixed orange and white clay. The clay minerals form normal dip slip slickenfibres.
60.8	Faults			cy	Gouge	60			A pebbly gouge formed from cataclasis of QPC.
62.1	Veins			qtz	ank	20			quartz carbonate vein
62.22	Veins			qtz		25			Folds first vein
62.22	Veins			qtz	ank	30			quartz carbonate vein
63.34	Bedding					20			
64.13	Veins			qtz	SHTV	8			cross cut by foliation
66.14	Joints			gcy	Open	60			
69.2	Joints				Open	45			
69.3	Joints				Open	45			
70	Bedding					40			unidentified porphyroblasts for thin section.
70.4	Bedding					35			
70.4	Axial Plane								F1/F2 Type III fold interference structure.
72.46	Veins			qtz		50			
73.05	Veins			qtz	Veinlets	40	281		ank alteration
73.05	Bedding		So			35	198		
73.05	Axial Plane		F2			15	219		F2 axial plane
73.23	Veins			qtz	TVA	55	30		
73.74	Veins			qtz	Veinlets	25	294		1 cm vein with fecb alteration
77	Veins			qtz	Veinlets	20			
78.8	Veins			qtz	Veinlets	35			
79	Veins			qtz	Veinlets	15			
79.05	Veins			qtz	Veinlets	60			folded veinlets
81.31	Faults			cy	Gouge	50			lower contact
85	Veins			qtz	Veinlets	50			
86.6	Joints			fecb	Open	5			
86.6	Joints			ycy	Open	5			
87.57	Veins			qtz	Veinlets	40			
87.64	Veins			qtz	vuggy	0			Surrounded by fecb alteration.
87.75	Veins			qtz	SHTV	70			asp+py
89.4	Veins			qtz	bull	50			
90.2	Cleavage		Ssh		disj	60			Disjunctive cleavage developed in the shear zone.
92.8	Veins			qtz	bull	60	243		
92.8	Cleavage		Ssh		disj	70	296		Disjunctive cleavage developed in shear zone
93.2	Veins			qtz	bull	60	240		

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
106.05	Bedding					25			
106.2	Faults			gcy	Gouge	30			2 cm wide
107.37	Faults			gcy	Gouge	30			10 cm wide; weak graphite (gf)
109.79	Bedding					25			
109.79	Veins			qtz	Veinlets	45			
112.56	Faults			gcy	Gouge	55			Footwall of laminated qzvn; 1.5 cm wide
112.86	Faults			gcy	Gouge	80			3cm wide; coarse clasts of wall rock
113.2	Veins			qtz	QBX	50			breccia with angular phyllite clasts
113.9	Veins			qtz	Veinlets	43			2mm wide
114	Faults			gcy	Gouge	60			parallel to foliation
116.2	Veins			qtz	Veinlets	30	264		Folded quartz vein parallel to So/S1
116.2	Bedding		So			65	248		So/S1
116.85	Bedding		So			20	180		
116.85	Veins			qtz	Veinlets	55	260		
121.22	Faults			gcy	Gouge	70			4 cm wide
121.85	Veins			qtz	QBX	50			spalled phyllite within the vein
122.08	Veins			qtz	QBX	50			spalled phyllite within the vein
123.15	Veins			qtz/cbt	Veinlets	30	0		possible ankerite in the vein
123.15	Bedding					40	230		
125.87	Faults			qtz	QBX	35	68		Possible Riedel fracture; normal displacement
125.87	Bedding					70	330		
128	Cleavage		Ssh		disjunctive	15			Spaced cleavage with 4 mm between septa.
131.1	Cleavage		Ssh		disjunctive	10			
131.1	Veins			qtz	vuggy	10			Hybrid shear vein with rotated combs; fecb alteration
132.4	Faults			cy	Gouge	10			foliation controlled
134.7	Veins			qtz	bull	15			
135.5	Cleavage		Ssh		disjunctive	60			
136.1	Veins			qtz	vuggy	5			fecb alteration
138.56	Veins			qtz	comb	20			wcy+hem
140.9	Veins			qtz	comb	20			
144.1	Veins			qtz	Veinlets				py
144.8	Joints			DSIL		5			
147.1	Veins			qtz	Veinlets				lim+weak fecb alteration
149.66	Veins			qtz	Veinlets	20	190		
149.66	Veins			qtz	Veinlets	25	313		
149.66	Veins			qtz	Veinlets	25	195		sub-parallel to foliation
151.6	Joints			DSIL		0			

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
152.1	Contact					80			siltstone bed
152.56	Veins			qtz	vuggy	30			py+asp (1%)+fecb
153.9	Joints			wcy		5			wcy+fecb
155.13	Veins			qtz	vuggy	40			fecb alteration
155.2	Joints			fecb	Open	20			
155.23	Joints			fecb	Open	15			
155.36	Joints			fecb	Open	15			normal-oblique slickenfibres
157.7	Contact		Ssh		disjunctive	25			
160.3	Veins			qtz	Veinlets	20			weak wcy+fecb alteration along the selvedge.
161.9	Joints			wcy	Open	20			
162	Veins			qtz	Veinlets	25			weak wcy
163.8	Joints			wcy	Open	10			
167.3	Veins			qtz	TVA	40			Envelope of folded TVA; ankerite?
167.6	Faults					75	276		
167.6	Veins			qtz	Veinlets	45	310		
167.6	Bedding					60	240		
169.8	Joints				STWK	60			
169.8	Joints				STWK	15			A 15 cm zone of cross-cutting fractures in a stockwork
171.3	Bedding					65			
172.84	Faults			gcy	Gouge	65			abundant clasts of phyllite
174.4	Veins			qtz	TVA	20			comb texture veins
176.2	Veins		Q1	qtz	vuggy	50			Sulphides
176.2	Veins		Q2	qtz	vuggy	25			Sulphides
177.1	Contact		Ssh		disjunctive	10			
177.1	Veins		Q3	qtz	vuggy	10			Selvedge has greenish caliche. Abundant cgr sulphides, including possible galena. Cbt is present filling the vugs
178.43	Veins		Q2	qtz	Veinlets	50			minor fecb
178.7	Veins		Q2	qtz	Veinlets	40			minor fecb
178.7	Cleavage		Ssh		disjunctive	50			
179.3	Veins		Q3	qtz/cbt	Veinlets	15	131		ankerite
179.6	Veins		Q3	qtz/cbt	Veinlets	25	90		ankerite
179.6	Veins		Q2	qtz	Veinlets	15	53		
179.6	Cleavage		Ssh		disjunctive	25	298		
181.45	Veins			qtz	Veinlets	75			folded vein;py
182.4	Veins			qtz	TVA	25			py+cbt

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
185.9	Cleavage		S1		nonpenetrative	60			preserved foliation in ncy altered, semicompetent phyllite
186.3	Joints			wcy	Open	60			
186.5	Joints				Open	45			crosscuts gouge
189.5	Contact		Ssh		disjunctive	60			
194.8	Faults			wcy	Gouge	10			
203	Cleavage		Ssh		disjunctive	60			
203.2	Veins			qtz	vuggy	40			asp+py
205.25	Veins			qtz/cbt	Veinlets	55			
215.5	Veins			qtz/cbt	QBX	40			Hairline quart-carbonate veins delineating a fault zone.
219.5	Joints				Open	5			crosscuts gouge
222.5	Veins			qtz/cbt	Veinlets	20			
224.45	Veins			qtz/cbt	Veinlets				
225.6	Faults			gcy	Gouge	15			
225.65	Veins			qtz	QBX	20			
226.8	Faults			cy	Gouge	50			Phyllite with sandstone in FW of structural zone
228.15	Veins			qtz/cbt	Veinlets	60			no sulphides
228.85	Veins			qtz/cbt	Veinlets	10			no sulphides
229.2	Joints			gcy	Open	20			
231	Cleavage		Ssh		disjunctive	60	190		
231	Bedding					20	320		abundant phyllite rip-up clasts
233.5	Veins			qtz/cbt	SHTV	40			
234.1	Veins			qtz/cbt	SHTV	45			sheeted quartz veins with cbt; cross cut Ssh.
234.57	Cleavage		Ssh		disjunctive	40			
234.57	Veins			qtz/cbt	SHTV	50			
237.7	Veins			qtz/cbt	SHTV	60			
237.7	Veins			qtz/cbt	Veinlets	20			
238.4	Veins			qtz	STWK	25			A 50 cm wide quartz stockwork zone with minor cbt
238.4	Veins			qtz	STWK	65			
238.4	Veins			qtz	STWK	20			
239	Axial Plane		F1		isoclinal	25			phyllite bed is isoclinally folded
239	Bedding		So			25			isoclinally folded
240.5	Veins			qtz/cbt	SHTV	4			A series of subparallel sheeted veins
242.05	Faults			ncy	Gouge	15			abundant breccia clasts and py(1%)
242.75	Cleavage		Ssh		disjunctive	65	205		

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-013	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	55	270	246				

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
242.75	Bedding		So			0			beta angle could not be measured
243	Veins			qtz/cbt	Veinlets	5			sericite halo
246	Faults			ncy	Gouge	70			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28092	4	6	2011	Expl Geochem	H-Split	
28093	6	9	2011	Expl Geochem	H-Split	
28094	9	12	2011	Expl Geochem	H-Split	
28095	12	15	2011	Expl Geochem	H-Split	
28096	15	18	2011	Expl Geochem	H-Split	
28097	18	21	2011	Expl Geochem	H-Split	
28098	21	24	2011	Expl Geochem	H-Split	
28099	24	27	2011	Expl Geochem	H-Split	
28100	27	30	2011	Expl Geochem	H-Split	
28101	30	33	2011	Expl Geochem	H-Split	
28102	33	36	2011	Expl Geochem	H-Split	
28103	36	39	2011	Expl Geochem	H-Split	
28104	39	42	2011	Expl Geochem	H-Split	
28105	42	45	2011	Expl Geochem	H-Split	
28106	45	48	2011	Expl Geochem	H-Split	
28107	48	51	2011	Expl Geochem	H-Split	
28108	51	54	2011	Expl Geochem	H-Split	
28109	54	56.55	2011	Expl Geochem	H-Split	
28110	56.55	57.2	2011	Expl Geochem	H-Split	
28111	57.2	60	2011	Expl Geochem	H-Split	
28112	60	63	2011	Expl Geochem	H-Split	
28113	63	66	2011	Expl Geochem	H-Split	
28114	66	69	2011	Expl Geochem	H-Split	
28115	69	70.4	2011	Expl Geochem	H-Split	
28116	70.4	72.46	2011	Expl Geochem	H-Split	
28117	72.46	73.25	2011	Expl Geochem	H-Split	
28118	73.25	75	2011	Expl Geochem	H-Split	
28119	75	75.95	2011	Expl Geochem	H-Split	
28120	75.95	77	2011	Expl Geochem	H-Split	
28121	77	78	2011	Expl Geochem	H-Split	
28122	78	81	2011	Expl Geochem	H-Split	
28123	81	83.85	2011	Expl Geochem	H-Split	
28124	83.85	87	2011	Expl Geochem	H-Split	

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28125	87	90	2011	Expl Geochem	H-Split	
28126	90	91.8	2011	Expl Geochem	H-Split	
28127	91.8	93.79	2011	Expl Geochem	H-Split	
28128	91.8	93.79	2011	DUP	Q-Split	
28129	91.8	93.79	2011	STND	CDN-GS-8B	
28130	93.79	94.29	2011	Expl Geochem	H-Split	
28131	94.29	95.47	2011	Expl Geochem	H-Split	
28132	97	99	2011	Expl Geochem	H-Split	
28133	99	102	2011	Expl Geochem	H-Split	
28134	102	105	2011	Expl Geochem	H-Split	
28135	105	106.5	2011	Expl Geochem	H-Split	
28136	106.5	108	2011	Expl Geochem	H-Split	
28137	108	111	2011	Expl Geochem	H-Split	
28138	111	114	2011	Expl Geochem	H-Split	
28139	114	117	2011	Expl Geochem	H-Split	
28140	117	120	2011	Expl Geochem	H-Split	
28141	120	123	2011	Expl Geochem	H-Split	
28142	123	126	2011	Expl Geochem	H-Split	
28143	126	127.22	2011	Expl Geochem	H-Split	
28144	127.22	129	2011	Expl Geochem	H-Split	
28145	129	131.1	2011	Expl Geochem	H-Split	
28146	131.1	133.7	2011	Expl Geochem	H-Split	
28147	133.7	138	2011	Expl Geochem	H-Split	
28148	138	141	2011	Expl Geochem	H-Split	
28149	141	144	2011	Expl Geochem	H-Split	
28150	144	147	2011	Expl Geochem	H-Split	
28151	147	150	2011	Expl Geochem	H-Split	
28152	150	153	2011	Expl Geochem	H-Split	
28153	153	156	2011	Expl Geochem	H-Split	
28154	156	159	2011	Expl Geochem	H-Split	
28155	159	162	2011	Expl Geochem	H-Split	
28156	162	164.05	2011	Expl Geochem	H-Split	
28157	164.05	165	2011	Expl Geochem	H-Split	
28158	165	168	2011	Expl Geochem	H-Split	
28159	168	171	2011	Expl Geochem	H-Split	
28160	171	172.84	2011	Expl Geochem	H-Split	
28161	172.84	174	2011	Expl Geochem	H-Split	
28162	174	175	2011	Expl Geochem	H-Split	
28163	175	176	2011	Expl Geochem	H-Split	

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-013 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 246

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28164	176	177	2011	Expl Geochem	H-Split	
28165	177	178	2011	Expl Geochem	H-Split	
28166	178	179	2011	Expl Geochem	H-Split	
28167	178	179	2011	DUP	Q-Split	
28168	178	179	2011	BLANK	LWS_2011	
28169	179	180	2011	Expl Geochem	H-Split	
28170	180	180.93	2011	Expl Geochem	H-Split	
28171	180.93	181.13	2011	Expl Geochem	H-Split	
28172	181.13	181.77	2011	Expl Geochem	H-Split	
28173	181.77	182.3	2011	Expl Geochem	H-Split	
28174	182.3	183	2011	Expl Geochem	H-Split	
28175	183	184.64	2011	Expl Geochem	H-Split	
28176	184.64	186	2011	Expl Geochem	H-Split	
28177	186	189	2011	Expl Geochem	H-Split	
28178	189	192	2011	Expl Geochem	H-Split	
28179	192	195	2011	Expl Geochem	H-Split	
28180	195	197.62	2011	Expl Geochem	H-Split	
28181	197.62	201	2011	Expl Geochem	H-Split	
28182	201	204	2011	Expl Geochem	H-Split	
28183	204	207	2011	Expl Geochem	H-Split	
28184	207	210	2011	Expl Geochem	H-Split	
28185	210	212.1	2011	Expl Geochem	H-Split	
28186	212.1	213	2011	Expl Geochem	H-Split	
28187	213	216.3	2011	Expl Geochem	H-Split	
28188	216.3	219	2011	Expl Geochem	H-Split	
28189	219	222	2011	Expl Geochem	H-Split	
28190	222	225	2011	Expl Geochem	H-Split	
28191	225	226.8	2011	Expl Geochem	H-Split	
28192	226.8	231	2011	Expl Geochem	H-Split	
28193	231	234	2011	Expl Geochem	H-Split	
28194	234	237	2011	Expl Geochem	H-Split	
28195	237	240	2011	Expl Geochem	H-Split	
28196	240	243	2011	Expl Geochem	H-Split	
28197	243	246	2011	Expl Geochem	H-Split	

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-014 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533675.2	6843984.2		

Elevation: 1551 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 55
Azimuth: 270
EOH: 198.0 m
Core Size: HQ

Start Date: 22/07/2011
Finish Date: 24/07/2011
Status: Incomplete
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
12	55.6	266.94	5835	Reflex	1
63	56.7	267.14	5832	Reflex	1
114	56.7	267.94	5829	Reflex	1
165	56.4	265.64	5824	Reflex	1

Objective:

The objective of this drill hole is to test the 3Ace Fault 25m north of 3A-11-P10. Target expected at 60m and 210m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3		CASING		100.0%				co	1
3	72	Interbedded with lighter gry sltst beds (30%) 1-2mm thick. Regional fol @ 35TCA. 1mm-3mm bedding ll qz-fecb vns common. Locally thicker (1-6cm) wh QV w/ pale grn clay alt & mlky wh cb infilling fracs in vn. Some parasitic folds throughout interval, no assoc axial planar cleavage.	MT-SLT		30.0%	gy			co	3
3	72	Interbedded with lighter gry sltst beds (30%) 1-2mm thick. Regional fol @ 35TCA. 1mm-3mm bedding ll qz-fecb vns common. Locally thicker (1-6cm) wh QV w/ pale grn clay alt & mlky wh cb infilling fracs in vn. Some parasitic folds throughout interval, no assoc axial planar cleavage.	MT-Phy	n	70.0%	n			fr	3
72	76.8	Bx fg sndst. Matrix supported w/ QV subangular clasts w/ minor rectangular clay-alt fspar clasts. Beginning of interval unconsolidated (desil), becomes more solid and sil @ bottom in proximity to underlying flt zone. Consisten fabric developed at base of interval delineated by soft, blk lamellae (chl?) @ 50TCA. Fg diss py throughout.	MT-AR	fgr	100.0%	gy	qtz		co	3
76.8	79.18	Blk phyl gouge/bx. Most of interval is cly gouge, but solid pieces show matrix supported bx w/ gry, silic matrix. Orginal texture masked, but possible fg sndst matrix. Angular blk 2mm-2cm (1 lrg 6cm clast) phyl clast dominant, minor wh, subangular 3mm-3cm QV clasts w/ blk phyl rims. X-cutting rsty fracs, more concentrated in phyl clasts. Clasts appear to be aligned to a 35TCA fabric. Diss anhedral fg aggregats of py>aspy in bx.	MT-SS		10.0%	gy			co	4
76.8	79.18	Blk phyl gouge/bx. Most of interval is cly gouge, but solid pieces show matrix supported bx w/ gry, silic matrix. Orginal texture masked, but possible fg sndst matrix. Angular blk 2mm-2cm (1 lrg 6cm clast) phyl clast dominant, minor wh, subangular 3mm-3cm QV clasts w/ blk phyl rims. X-cutting rsty fracs, more concentrated in phyl clasts. Clasts appear to be aligned to a 35TCA fabric. Diss anhedral fg aggregats of py>aspy in bx.	MT-Phy	bx	90.0%	n	qtz		lc	4
79.18	99.6	Pale gry w/ subangular to angular fspar grns. Consistent fol @ 55TCA. Abndt x-cutting wh vuggy QV w/ crs euhed-subhed py & lim alt. Vns contain py throughout interval, start to see variety of sulfides after 89m-aspy (crs euhed), tr Mo (?) & sph in late 0.5-5cm think vns. Some hm-lim fracts. Entire interval is silicified. Lower contact is broken and lim alt in a flt zone. Last 69cm are bx fg sndst w/ abndt py.	MT-AR	mgr	100.0%	gy			co	2
99.6	112.1	Blk, interbedded w/ 0.1-0.5mm gry slst beds. Kind folding common in phyl intervals. Bx to 105.65m-clast supported w/ qz-ank(?)-grn cly(chl?) matrix. Also locally interbedded w/ drk gry, med-crs sndst beds w/ 75%phyl/25%sndst. Increase sndst abundance near end of interval w/ abndt py (has yellow tarnish). Last metre of core is phyl gouge w/ milled qz clasts.	MT-SS	fgr	25.0%	gy			co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-014	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
55	270	198					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
99.6	112.1	Blk, interbedded w/ 0.1-0.5mm gry slst beds. Kind folding common in phyl intervals. Bx to 105.65m-clast supported w/ qz-ank(?)-grn cly(chl?) matrix. Also locally interbedded w/ drk gry, med-crs sndst beds w/ 75%phyl/25%sndst. Increase sndst abundance near end of interval w/ abndt py (has yellow tarnish). Last metre of core is phyl gouge w/ milled qz clasts.	MT-Phy	n	75.0%	n			br	3
112.1	117.7	Pale gry arkosic sndst. Bx to 114.1m followed by clay gouge. Fabric @ 35TCA. X-cutting QV (minor cb) 3mm-2cm thick. Crs euhed py+aspy along fabric, finer diss throughout sndst.	MT-AR	mgr	100.0%	gy			lc	4
117.7	125.05	Blk phyl interbedded w/ 1mm-2cm gry slst beds. Abndt x-cutting hairline fracs w/ pale biege min coating, does not react w/ HCl-ankerite? Thicker fracs w/ qz. Faint regional fol (S1?) visible @ 35TCA. Thicker (4cm-22cm) fg sndst interbeds towards end of interval (gradational contact into underlying sndst). Increas in frequency of gry slst beds at base of interval also. @ 122.85: 65%phyl, 35%slst/sndst. Py along thin QV. S0 is crenulated.	MT-SLT		35.0%	gy			co	2
117.7	125.05	Blk phyl interbedded w/ 1mm-2cm gry slst beds. Abndt x-cutting hairline fracs w/ pale biege min coating, does not react w/ HCl-ankerite? Thicker fracs w/ qz. Faint regional fol (S1?) visible @ 35TCA. Thicker (4cm-22cm) fg sndst interbeds towards end of interval (gradational contact into underlying sndst). Increas in frequency of gry slst beds at base of interval also. @ 122.85: 65%phyl, 35%slst/sndst. Py along thin QV. S0 is crenulated.	MT-Phy	n	65.0%	n			fr	2
125.05	132.89	Pale gry w/ abndt x-cutting fracs containing fg aspy and rsty, vuggy 1mm-2mm QV. Thick interval of perv lim alt + gouge w/in unit. Py + aspy concentrated along fracs. Yel-grn cly alt present in gouge + frac'd area. S1(?) fabric visible in less alt/frac core @ top of interval @ 50TCA.	MT-AR	mgr	100.0%	gy			br	3
132.89	137.15	Short interval of blk phyl interbedded w/ mgr sndst (10%). X-cut by hairline fracs of biege (ank?) min. Well bedded w/ gry 1mm-7mm slst layers. Top of interval has more x-cutting fracs + 2-3mm wh QV w/ parasitic folds. S0 ll QV as well, py concentrated along vns + in qz clast of small bx zone. S0 @ 25TCA. Sndst interbed is silicified.	MT-SS	mgr	10.0%	gy			co	2
132.89	137.15	Short interval of blk phyl interbedded w/ mgr sndst (10%). X-cut by hairline fracs of biege (ank?) min. Well bedded w/ gry 1mm-7mm slst layers. Top of interval has more x-cutting fracs + 2-3mm wh QV w/ parasitic folds. S0 ll QV as well, py concentrated along vns + in qz clast of small bx zone. S0 @ 25TCA. Sndst interbed is silicified.	MT-Phy	n	90.0%	n			fr	2
137.15	179.03	Pale gry med grn sndst grades into cg sndst in 1st 1.5m, followed by small gouge zone, then mg sndst grades into cg sndst for rest of interval (133.06m onwards). Cg sndst w/ 0.3cm cly alt fspar grns. Shallow angle TCA 1-2cm QV consistent throughout interval. Locally thinner x-cutting QV w/ assoc yel-grn cly alt. Significant (several m) broken/gouge zone @ end of interval. Consistent penetrative fabric (S1?) @ 50-60TCA. Core bleached + crumbly where local cly alt of cg sndst. Mg sndst interval @ top of section is silicified.	MT-SS	mgr	10.0%	gy			co	2
137.15	179.03	Pale gry med grn sndst grades into cg sndst in 1st 1.5m, followed by small gouge zone, then mg sndst grades into cg sndst for rest of interval (133.06m onwards). Cg sndst w/ 0.3cm cly alt fspar grns. Shallow angle TCA 1-2cm QV consistent throughout interval. Locally thinner x-cutting QV w/ assoc yel-grn cly alt. Significant (several m) broken/gouge zone @ end of interval. Consistent penetrative fabric (S1?) @ 50-60TCA. Core bleached + crumbly where local cly alt of cg sndst. Mg sndst interval @ top of section is silicified.	MT-AR	cgr	90.0%	gy			br	3
179.03	187.8	Top of interval phyl gouge, locally w/ milled QV clasts, some sndst clasts near upper contact. Into more consilidated blk phyl interbedded w/ 1-5mm gry slst layers @ 183m. S0 @ 55TCA, S1 (?) @ 50TCA.	QZVN		5.0%	w			co	3
179.03	187.8	Top of interval phyl gouge, locally w/ milled QV clasts, some sndst clasts near upper contact. Into more consilidated blk phyl interbedded w/ 1-5mm gry slst layers @ 183m. S0 @ 55TCA, S1 (?) @ 50TCA.	MT-SS	mgr	5.0%	gy			co	3
179.03	187.8	Top of interval phyl gouge, locally w/ milled QV clasts, some sndst clasts near upper contact. Into more consilidated blk phyl interbedded w/ 1-5mm gry slst layers @ 183m. S0 @ 55TCA, S1 (?) @ 50TCA.	MT-Phy	n	90.0%	n	qtz		br	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-014	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
55	270	198					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
187.8	190.5	Phyl (45%) interbedded w/ thicker fg sndst beds (55%)-gradational contact zone b/w phyl and cg sndst. X-cutting hairline ank fracs + folded/boudinaged QV, locally chl alt. Another unfolded set of wh 2mm QV x-cutting S0. S0 @ 60TCA, fabric @ 25TCA. Diss fg euhed py in sndst layers + saussuritized? Fspars (alt to grn cly).	MT-Phy	n	45.0%	n			co	3
187.8	190.5	Phyl (45%) interbedded w/ thicker fg sndst beds (55%)-gradational contact zone b/w phyl and cg sndst. X-cutting hairline ank fracs + folded/boudinaged QV, locally chl alt. Another unfolded set of wh 2mm QV x-cutting S0. S0 @ 60TCA, fabric @ 25TCA. Diss fg euhed py in sndst layers + saussuritized? Fspars (alt to grn cly).	MT-SS	fgr	55.0%	gy			co	3
190.5	198	Pale gry, cg arkosic sndst grading into mg sndst @ 195m. Little vning in this interval, some hairline fracs coated w/ soft (H>2<5), biege material (ank?). Fabric defined by drk gry lamellae @ 45TCA. Thick band of soft, vfg blak cly (chl?) @ 195.85m. Blebs of py along QV frags, tr diss in sndst.	MT-SS	mgr	35.0%	gy			co	2
190.5	198	Pale gry, cg arkosic sndst grading into mg sndst @ 195m. Little vning in this interval, some hairline fracs coated w/ soft (H>2<5), biege material (ank?). Fabric defined by drk gry lamellae @ 45TCA. Thick band of soft, vfg blak cly (chl?) @ 195.85m. Blebs of py along QV frags, tr diss in sndst.	MT-AR	cgr	65.0%	gy			co	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	63	minor fecb along fol, fe alt wker as progress down hole.	fecb	1	fol	o
3	63	alt along thin, S0 parallel vns	fecb	2	vn	o
3	63	S0-replacement of 1-5mm slst interbeds	fecb	2	fol	o
24.2	47.25	str chl altn along fracs in thick QV @ top, wker deeper in hole	chl	2.5	vn	g
51	63	fe alt wker as progress down hole, becomes limited to fracture coatings after 51m	fecb	1	frac	o
72	75.97	wk limonitic alt along fracs in bx	lim	1	frac	y
72	75.97	abndt aspy in fracs	asp	1.5	frac	gy
72	72.8	moderate silicification of bx sndst	PHY	2	perv	gy
72	72.2	desilicification/clay alt in crumbly bx sndst	cy?	2	perv	w
76.8	102	yel-or limonitic alt tends to occur in vugs of QV or fracs in QV	lim	2	vn	y
76.8	102	yel-or limonite coating fracs in sndst	lim	1	frac	y
99	125.03	biege mineral, no rxn w/ HCl	ank?	1	frac	bf
99	125.03	more intense ank alt in early 1-3mm QV that are x-cut by thicker 2cm QV	ank?	1	vn	bf
99.35	111	chl occurs along frac in QV, especially in phyl	chl	2	vn	g
125.03	132.7		cy	3	vn	w
125.03	132.89		lim	1	frac	y
125.03	132.89		lim	2	vn	y
125.03	132.89	fspars are altered to wh clay	cy	1	perv	w
129	131.7		lim	3	frac	y
129	131.7		lim	2	perv	y
129	131.7	grn-yel cly	cy	2	vn	g-y
129	131.7	fspar alt to grn-yel cly	v	1	perv	g-y
131.7	132.89	moderate silicification of core	PHY	2	perv	gy
132.7	132.89	cly alt weakens	cy	1	vn	w

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-014	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	55	270	198				

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
132.89	137.15	alt of fspar to grn cly in sndst	chl	1	perv	g
132.89	137.15	thin, x-cutting biege fracs	ank	1	frac	bf
132.89	137.15	3cm QV loaded w/ grn cly	chl	3	vn	g
132.89	137.15	cb occurs in vugs w/in QV	cbt	1	vn	w
137.15	139.05	strong silicification of core	PHY	3	perv	gy
139.05	165	fspar crystals alt to wh cly	cy	1	perv	w
139.05	165	few vns chl alt along fracs w/in vn	chl	1	vn	g
165	183	intense cly gouge zone, fspar alt to cly, desil	cy	4	perv	w
183	190.55	1mm x-cutting ank(?) filled fracs	ank	1	frac	bf
183	190.55	local boudinaged QV have chl along vn fracs	chl	1	vn	g
190.55	198	cly alt of fspar in cg sndst	cy	1	perv	w

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
12.55	12.56	SZ	400.0%	DSZ	No alpha angle possible to measure. Minor parasitic folding of qz-fecb vns and slst/phyl beds.
29.24	29.24	SZ	400.0%	DSZ	another small shear zone in phyl w/ gouge & phyl frags
40.6	42	FZ	300.0%	BFZ	Interval w/ 4 small broken/gouge zones in phyl.
45.55	51	FZ	300.0%	BFZ	Interval w/ 7 small flt gouge/broken zones in phyl, abndt lost core. First 2 gouge zones in FW of vuggy QV (underlying), base of vn w/ angular phyl clasts. Other gouge zones just in phyl w/ little cly, abndt fragmented mm to cm size phyl pieces w/ no assoc QV.
58.8	63	SZ	400.0%	BFZ	Significant zone of lost core & abndt cly gouge.
58.8	59.3	SZ	400.0%	BFZ	Intense gouge zone of cly w/ angular phyl clasts. Remainder of interval w/ intermitten cly gouge/broken phyl.
64.25	72	FZ	400.0%	BFZ	Zone of broken + gouged phyl. Significan gouge/cly zones contain angular 0.3-1cm QV clasts. Several areas of lost core.
76.8	79.18	SZ	400.0%	DSZ	Intense zone of fault gouge w/ intermittent solid pieces of core that is a cataclastic silicified bx. Measured upper contact w/ sndst (see pnt struc). Abndt cly w/ qz+phyl frags.
99	105.45	SZ	400.0%	CSZ	Broken zone/gouge @ top of interval (99.35m) followed by phyl gouge (contact), then cataclastic phyl bx w/ phyl clasts + qz matrix.
109.45	112.15	SZ	400.0%	CSZ	Phyl gouge w/ milled qz clasts w/ matrix-supported bx visible in more consilidated pieces (qz clasts in phyl matrix).
112.15	115.55	FZ	400.0%	CSZ	Sndst bx w/ 1.1m of lcy gouge @ base of interval.
121.05	122.7	SZ	300.0%	BFZ	Phyl interval w/ 5 intermittent gouge zones w/ assoc lost core.
127.7	131.7	FZ	300.0%	DBSZ	Interval of intense fracturing + gouge in sndst. Intense lim/cly alt as well. No measurable fabrics or contacts. More consolidated zones are bx q/ milled qz clasts in cly altd matrix.
132.3	133	FZ	300.0%	BFZ	Interval of intermittent gouge/broken core in gry sndst. Consolidated core is cly alt & desil. Lost core in a few places.
134.46	150.48	FZ	300.0%	BFZ	Intermittent broken zones (little cly gouge) in cg sndst. More qz vning in this interval w/ 2 consistent orientations @ 75TCA & 15TCA x-cutting. 75TCA set has 0.5-2cm QV.
159.7	183	FZ	400.0%	BFZ	Almost entirely continuous zone of gouge + broken/crumbly cs sndst, into phyl @ base of interval. QV clasts are milled/rounded. Sndst is very cly alt (zones of wh and grn-yel cly) + desilicified. Diss cs euhed py throughout sndst gouge, phyl gouge appears graphitic.
185.11	190.1	SZ	300.0%	BFZ	Intermittent thin gouge zones w/in phyl interval. Several zones of lost core. Gouge contains diss euhed py.

Mineralisation

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-014 **Grant No.:** YC72728

Plunge: 55 **Azimuth:** 270 **EOH:** 198

From:	To:	Comments	Mineral	Percent	Distribution
3	72	little observed mineralization @ top of hole except for blebs of py in rare qz clasts w/in phyl, frequency maybe 1 evey 40m	py	1	diss
72	76.8	1%, diss sulfides are cg + euhed	py	1.5	diss
72	76.8	1%	asp	1.5	diss
72	76.8	2%, vfg aspy diss along fracs in bx sndst	asp	1.5	frac
76.8	79.18	1%, euhed f-cg in bx, tr amnts as blebs concentrated in phyl clasts	py	1.5	diss
76.8	79.18	1%, cg, euhed	asp	1.5	diss
76.8	79.18	2%, in QV, abndt aspy concentrated @ phyl fracs in vn	asp	2	vn
79.18	99	1%, mostly cg, euhed	py	1.5	diss
79.18	99	cg, euhed to blebs	py	1	vn
79.18	99	vfg, tr dissem py	asp	1	diss
79.18	99	1%, concentrated along fracs, cg, euhed	asp	1.5	frac
89.4	94.45	1%, finer	py	1.5	diss
89.4	94.45	1-2%, crs, euhed, cubic	py	1.5	vn
89.4	94.45	2%, vcg	asp	2	vn
91.45	91.46	tr Mo in a bleb, possibly fracture controlled??, occurs w/ sphalerite	mo	1	frac
91.45	91.46	tr sph in a bleb, possibly frac controlled??, occurs w/ mo	sl	1	frac
99	111	1% fg, subhedral, increase in diss py in sndst interbeds, up to 3%	py	1.5	diss
99	111	2%, cg, euhed to fg aggregates, sulfides mostly concentrated in vns, no aspy observed	py	2	vn
111	112	tr, vfg, some cubic, some anhed	py	1	diss
112	115.55	2%, 1% as blebs, 1% mg cubic diss	py	2	diss
112	115.55	2%, vfg	asp	2	frac
112	115.55	1%, cg, euhed	asp	1.5	diss
112	115.55	tr	asp	1	vn
115.5	117.7	euhed	asp	1.5	vn
115.55	117.7	fg, cubic, decrease in sulfide contact in FW of gouged flt zone	py	1.5	diss
117.7	125.05		py	1.5	vn
117.7	125.05	graphite(?) throughout phyl	gf		perv
117.7	125.05	1%, diss along slst/sndst interbeds	py	1.5	diss
125.05	132.89	1%, fg, euhed	py	1.5	diss
125.05	132.89	1% py in vns	py	1.5	vn
125.05	132.89	tr	py	1	frac
125.05	130.45	tr diss aspy	asp	1	diss
130.45	132.89	up to 5% aspy along fracs, increase in frac + aspy	asp	3	frac
132.89	137.15	2%, blebs in qz clasts in bx + intact vns	py	1.5	vn
132.89	137.15	0.5%, diss in small gouge	py	1	diss
136.52	137.14	1% diss aspy in FW of small gouge zone w/ bx @ phyl-sndst contact	asp	1	diss
137.15	165	tr to 1% vfg aspy along fracs, local increase in aspy abundance where get increase in lim alt + QV density. Up to 2% diss and 1% frac	asp	1	frac
137.15	165	1% diss cubic py, 1% blebs	py	1.5	diss
137.15	165	tr diss aspy	asp	1	diss

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-014	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
55	270	198					

From:	To:	Comments	Mineral	Percent	Distribution
156	156.01	tr, bleb of gn in a wh-gry 0.7cm QV	gn	1	vn
165	179.03	2%, cg, euhed, diss py diss throughout gouge	py	1.5	diss
165	179.03	1%, cg, euhed, diss aspy throughout gouge	asp	1	diss
179.03	183	1% cg, euhed diss py	py	1	diss
179.03	183	0.5% fg, euhed diss aspy	asp	1	diss
183	190.5	1% cubic, fg, diss py; particularily in slst/sndst interbeds w/in phyl.	py	1.5	diss
183	190.5	tr amnts py along 1mm QV	py	1	vn
190.5	198	tr diss aspy. Increas in overall sulfide content in last 2m of core, plus increas in QV and frac density.	asp	1	diss
190.5	198	tr, fg euhed py	py	1	diss
190.5	198	locally 1% py along QV as blebs in last 2m of core	py	1	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
58.8	Contact				Gouge	55			Upper Contact of gouge zone
59.3	Contact				Gouge	30			Lower Contact of gouge zone in phyl
62.7	Faults	38			Gouge	25			1.5cm gouge zone
76.8	Contact				Gouge	80			Upper contact of gouge w/ sndst
80.9	Cleavage	4	S1			55	173		see a faint fabric (clast alignment)
80.9	Veins	38		qtz		80	42		wh QV w/ vuggy margins (rsty py? Bxwrk), offset by previous vein
80.9	Veins	38		qtz		25	215		wh/gry QV, clearly cuts + offsets vn listed below
84.4	Veins	38		qtz		55			1cm QV
84.75	Veins	38		qtz		40			vuggy QV
85.2	Veins	38		qtz		20			1mm QV
86.21	Veins	38		qtz		60			7mm QV
87.65	Veins	38		qtz		30			vuggy (rsty vugs) QV
97	Veins	38		qtz		45			vuggy QV w/ minor fecb
102.55	Bedding	46	So			30			
106.98	Bedding	46	So			30	92		
106.98	Veins	38		qtz	Clay	60	194		QV w/ grn cly
106.98	Veins	38		qtz		25	244		hairline qz filled fracs with parasitic folds
106.98	Veins	38		qtz		30	247		2cm QV
106.98	Veins	38		qtz		60	331		2mm QV
125.03	Contact					50			contact between phyl interbedded w/ sndst above, mg sndst below
126.4	Veins	38		qtz		25			rsty, vuggy 0.5-1cm QV
130.8	Veins	38		qtz	Clay	15			cly alt'd, wh 2cm QV
131.9	Veins	38		qtz		35			vuggy, wh 1.5cm QV
134.85	Bedding	46	So			30			
135.75	Veins	38		ank		25			QV w/ ank, x-cuts 1.5cm vn
135.75	Veins	38		qtz		35			wh, 1.5cm QV

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-014 **Grant No.:** YC72728

Plunge: 55 **Azimuth:** 270 **EOH:** 198

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
144.1	Veins	38		qtz		75			1cm wide QV
151.23	Cleavage	4	S1			45	245		fol defined by drk gry lamellae
151.23	Veins	38		qtz		35	74		fol-perpendicular 2mm wh QV
151.23	Veins	38		qtz		35	249		fol ll QV, 2mm, x-cutting relationship with other vns unclear
152.95	Veins	38		qtz		65	250		0.4cm QV
153.1	Veins	38		qtz		41	40		0.4cm QV
153.5	Veins	38		qtz		45	249		2cm QV
188.75	Veins	38		qtz		55	246		2mm QV
188.75	Bedding	46	So	qtz		60	333		
195.95	Cleavage	4	S1			40			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28198	3	6	2011	Expl Geochem	H-split	MT-Phy.n
28199	6	9	2011	Expl Geochem	H-split	MT-Phy.n
28200	9	12	2011	Expl Geochem	H-split	MT-Phy.n
28201	12	15	2011	Expl Geochem	H-split	MT-Phy.n
28202	15	18	2011	Expl Geochem	H-split	MT-Phy.n
28203	15	18	2011	STND	CDN-GS-8B	MT-Phy.n
28204	15	18	2011	DUP	Q-Split	MT-Phy.n
28205	18	21	2011	Expl Geochem	H-split	MT-Phy.n
28206	21	24	2011	Expl Geochem	H-split	MT-Phy.n
28207	24	27	2011	Expl Geochem	H-split	MT-Phy.n
28208	27	30	2011	Expl Geochem	H-split	MT-Phy.n
28209	30	33	2011	Expl Geochem	H-split	MT-Phy.n
28210	33	36	2011	Expl Geochem	H-split	MT-Phy.n
28211	36	39	2011	Expl Geochem	H-split	MT-Phy.n
28212	39	42	2011	Expl Geochem	H-split	MT-Phy.n
28213	42	45	2011	Expl Geochem	H-split	MT-Phy.n
28214	45	48	2011	Expl Geochem	H-split	MT-Phy.n
28215	48	51	2011	Expl Geochem	H-split	MT-Phy.n
28216	51	54	2011	Expl Geochem	H-split	MT-Phy.n
28217	54	57	2011	Expl Geochem	H-split	MT-Phy.n
28218	57	60	2011	Expl Geochem	H-split	MT-Phy.n
28219	60	63	2011	Expl Geochem	H-split	MT-Phy.n
28220	63	66	2011	Expl Geochem	H-split	MT-Phy.n
28221	66	69	2011	Expl Geochem	H-split	MT-Phy.n
28222	69	72	2011	Expl Geochem	H-split	MT-Phy.n
28223	72	75	2011	Expl Geochem	H-split	MT-AR.fgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-014 **Grant No.:** YC72728

Plunge: 55 **Azimuth:** 270 **EOH:** 198

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28224	75	76.8	2011	Expl Geochem	H-split	MT-AR.fgr
28225	76.8	79.18	2011	Expl Geochem	H-split	MT-Phy.bx
28226	79.18	81	2011	Expl Geochem	H-split	MT-AR.mgr
28227	81	84	2011	Expl Geochem	H-split	MT-AR.mgr
28228	84	87	2011	Expl Geochem	H-split	MT-AR.mgr
28229	87	90	2011	Expl Geochem	H-split	MT-AR.mgr
28230	90	93	2011	Expl Geochem	H-split	MT-AR.mgr
28231	93	96	2011	Expl Geochem	H-split	MT-AR.mgr
28232	96	99	2011	Expl Geochem	H-split	MT-AR.mgr
28233	99	102	2011	Expl Geochem	H-split	MT-Phy.bx
28234	102	105	2011	Expl Geochem	H-split	MT-Phy.bx
28235	105	108	2011	Expl Geochem	H-split	MT-Phy.n
28236	108	111	2011	Expl Geochem	H-split	MT-Phy.n
28237	111	112	2011	Expl Geochem	H-split	MT-Phy.n
28238	112	115.55	2011	Expl Geochem	H-split	MT-AR.mgr
28239	112	115.55	2011	DUP	Q-Split	MT-AR.mgr
28240	112	115.55	2011	Blank	LWS_2011	MT-AR.mgr
28241	115.55	117.7	2011	Expl Geochem	H-split	MT-Phy.n
28242	117.7	120	2011	Expl Geochem	H-split	MT-Phy.n
28243	120	123	2011	Expl Geochem	H-split	MT-Phy.n
28244	123	125.05	2011	Expl Geochem	H-split	MT-Phy.n
28245	125.05	127.7	2011	Expl Geochem	H-split	MT-AR.mgr
28246	127.7	129	2011	Expl Geochem	H-split	MT-AR.mgr.gouge
28247	129	132	2011	Expl Geochem	H-split	MT-AR.mgr.gouge
28248	132	132.89	2011	Expl Geochem	H-split	MT-AR.mgr
28249	132.89	135	2011	Expl Geochem	H-split	MT-Phy.n
28250	135	137.15	2011	Expl Geochem	H-split	MT-Phy.n
28251	137.15	139.3	2011	Expl Geochem	H-split	MT-AR.mgr
28252	139.3	141	2011	Expl Geochem	H-split	MT-AR.mgr
28253	141	144	2011	Expl Geochem	H-split	MT-AR.cgr
28254	144	147	2011	Expl Geochem	H-split	MT-AR.cgr
28255	147	150	2011	Expl Geochem	H-split	MT-AR.cgr
28256	150	153	2011	Expl Geochem	H-split	MT-AR.cgr
28257	153	156	2011	Expl Geochem	H-split	MT-AR.cgr
28258	156	159	2011	Expl Geochem	H-split	MT-AR.cgr
28259	159	162	2011	Expl Geochem	H-split	MT-AR.cgr
28260	162	165	2011	Expl Geochem	H-split	MT-AR.cgr
28261	165	168	2011	Expl Geochem	H-split	MT-AR.cgr.gouge
28262	168	171	2011	Expl Geochem	H-split	MT-AR.cgr.gouge

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-014 **Grant No.:** YC72728

Plunge: 55 **Azimuth:** 270 **EOH:** 198

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28263	171	174	2011	Expl Geochem	H-split	MT-AR.cgr.gouge
28264	174	177	2011	Expl Geochem	H-split	MT-AR.cgr.gouge
28265	177	179.03	2011	Expl Geochem	H-split	MT-AR.cgr.gouge
28266	179.03	180	2011	Expl Geochem	H-split	MT-Phy.n.gouge
28267	180	183	2011	Expl Geochem	H-split	MT-AR.cgr.gouge
28268	183	186	2011	Expl Geochem	H-split	MT-Phy.n
28269	186	189	2011	Expl Geochem	H-split	MT-Phy.n
28270	189	190.5	2011	Expl Geochem	H-split	MT-Phy.n
28271	190.5	192	2011	Expl Geochem	H-split	MT-AR.cgr
28272	192	195	2011	Expl Geochem	H-split	MT-AR.cgr
28273	195	198	2011	Expl Geochem	H-split	MT-AR.cgr

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015 **Grant No.:** YD07124

Location				Orientation			
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 55		**Start Date:** 24/07/2011	
533723.8	6843901.8			**Azimuth:** 270		**Finish Date:** 26/07/2011	
Elevation:	1556 m	**Grid Name:** NA		**EOH:** 72.0	m	**Status:** Incomplete	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ		**Contractor:** Driftwood	
NAD83	9						

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	55.8	263.84	5843	Reflex	1

Objective:
The objective of this drill hole is to test for potential mineralisation along the line of intersection between the fault and bedding. This target is somewhat reliant on the results of 3A-11-P01. Targets expected at 78m and 129m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3	no core recovered	CASING		100.0%	w			lc	1
3	4.5	Very thin phyllite interbands in rubbled, poorly recovered, semi-massived quartz vein	MT-Phy		5.0%	n			lc	1
3	4.5	Poorly recovered, rubbled, semi-massive quartz vein with thin phyllite interbeds and prominent up to 5cm diameter buff-crème iron-carbonate patches and seams. Intensely rubbled. Lower contact with Phyllite is undulated and low core angle. No mineralization observed.	QZVN		95.0%	bf			lc	1
4.5	22.7	Only a small proportion of foliation concordant quartz veining. Generally only up to 1cm thick and sometimes with boudinaging indicating shearing (in combinantion with strongly developed grooving along phyllite foliation cleavages. Dusty white appearance with small vugs.	QZVN		5.0%	w			lc	1
4.5	22.7	Folded black Phyllite unit with grey silty lamellae. Mild iron-staining throughout, which generally shows along foliation and discolours grey silt lamellae to a pale orange hue. Matrix to fine-grained to determine exact composition. Several open fold profiles visible with about 20-30 cm wavelength. Large portion of this unit interval hosts thin (<1cm thick), sheared, foliation concordant quartz veinining. [Multiple folded wipsy gashes distributed over 1cm making up a single vein pattern]. Foliation cleavage are often intensely grooved and iron-stained.	MT-Phy		95.0%	n			lc	1
22.7	24.5	Massive, poorly recovered, crushed and rubbled quartz vein with dark red-brown iron-carbonate filled vugs and minor very fine-grained disseminated arsenopyrite. Upper contact of vein is sharp and undulated at low core angle. Lower contact is fragmented and bounded by fault gouge. Possibly some angular phyllite wedges in quartz vein @ upper contact.	QZVN		100.0%	w			lc	1
24.5	31.1	Generally no thin quartz seams alon foliation discernible, but some vein fragments in shattered intervals of Fault zone	QZVN	bx	1.0%	w			br	3

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-015	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	72					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
24.5	31.1	Black phyllite with only occassional grey-brown silt lamellae and generally devoid of quartz veining. Texture too fine-grained to determine exact composition. Faultzone throughout this unit interval. Softened, gouged and shattered almost continuously. Upper contact with quartz vein - poorly recovered. Lower contact by gradual transition to more competent phyllite [fault wallrock weathering]. Intense grooves along foliation cleavages in upper 4 meters of this unit.	MT-Phy	bx	99.0%	n			br	3
31.1	72	Quartz veining in Phyllite unit is generally distributed over the upper 16 meters of this unit with scarce veining the remaining lower part. Veining is: - predominantly foliation concordant [S1] - sheeted, foliation concordant and tightly folded on micro scale [<0.5cm wavelength] - occasionally sheeted and concordant with [S2] bisection closed/tight folds and parallel to axial planes where not bisecting. - generall <0.5cm thick - dusty white appearance with small vugs with presence of carbonate [acid soluble]	QZVN		2.0%	w			co	1
31.1	72	Black, foliated phyllite with occasionally visible tigh fold profiles where axial planes run subparallel to foliation. Regular grey-brown silt lamellae throughout. Well developed lineation along foliation cleavages. Texture too fine-grained to determine exact composition. Generally competent rock with good recovery, but several discrete gouged,fragmented subintervals. [see point measurments/structure]. Upper contact with zone of brittle deformation in Phyllite. Units ends at EOH.	MT-Phy		98.0%	n			co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	4.5	patches and intersecting seams of iron-carbonate (ankerite?) on extensive, semi-massive quartz vein	fecb	3	vn	bf
24.5	31.1	orange brown iron-staining in softened, gouged phyllite	fecb	2	frac	o
39.7	43.62	frequent grey-green chlorite seams along foliation and assciated with foliation concordant quartz seams/wedges	chl	1	vn	g

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-015	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
55	270	72					

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
16.3	16.7	QZVN	100.0%		Only about 20% of quartz vein actually recovered as rubbled, 3-4cm diameter fragments. Also drill grind marks in interspersed phyllite wedge. Preserved vugs with brown-red iron-carbonate infill.
18	22.7	FZ	200.0%	BFZ	Intensely fragmented interval [possibly predominantly mechanical breaks] with poor recovery with interspersed softened gouge wedges.
24.5	31.1	FZ	300.0%	BFZ	Black phyllite with only occassional grey-brown silt lamellae and generally devoid of quartz veining. Texture too fine-grained to determine exact composition. Faultzone throughout this unit interval. Softened, gouged and shattered almost continuously. Upper contact with quartz vein - poorly recovered. Lower contact by gradual transition to more competent phyllite [fault wallrock weathering]. Intense grooves along foliation cleavages in upper 4 meters of this unit.
37.2	38.42	FZ	200.0%	BFZ	Angular crushed fragments - partially slightly softed. Bounded by fairly competent rock. Only about 50% recovery. Possible brittle fault.
40	40.3	FZ	100.0%	BFZ	Fairly coarse angular fragments with about 20% crushed, softened fragments. About 60% recovery. Possible fault.
52.7	54.46	FZ	200.0%	BFZ	Poorly recovered, softened, weakly iron-stained interval. About 50-60% recovery. Bounded by competent rock.
69.65	72	FZ	200.0%	BFZ	very poorly recovered interval with red-brown iron-stained, coarse angular fragments - possibly along low core angle fractures with minor crush clay (~10%) Some gouge emplaced subparallel to core axis in larger preserved fragment

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
10.2	10.24	Fine-grained disseminated arsenopyrite in preserved vug of rubbled quartz vein	asp	2	vn
22.7	24.5	Fine-grained disseminated arsenopyrite in (about 50% recovered) partically crushed, massive quartz vein that lies above phyllite fault zone.	asp	2	vn

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 72

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
5.98	Veins					55			foliation concordant quartz-carbonate seams
5.99	Bedding		So			55		10	measured foliation lineation in phyllite
12.2	Veins			chl	TVA	25			grey-green chlorite tension gashes (non-penetrative) that cross-cut foliation repeatedly
12.4	Bedding		So		FOL	35			foliation in phyllite
12.95	Axial Plane		F1			55			open folding
13.5	Bedding		So		FOL	16		20	foliation in phyllite with lineation
15.2	Bedding		So			37		50	foliation boardering boudinaged shear veinlets; strongly developed lineation
15.2	Veins				HSV	37			boudinaged, foliation cocordant shear veinlets
16.7	Veins			chl	SHTV	44			multiple ~1mm grey-green chlorite seams cross-cutting foliation
16.8	Lineation		So			42		40	lineation measured in foliation cleavage
18	Bedding		So			62	40	85	cleavage and lineation measured in cleavage plain in phyllite
24.7	Bedding		So		Gouge	55		85	grooved lineation in gouge wedge foliation in fault zone
27.4	Bedding		So			51		84	lineation measured in cleavage plane in softened phyllite in fault zone
27.4	Veins					51			foliation concordant quartz carbonate seams
29.9	Bedding		So		Gouge	39			softened phyllite with smoot, polished cleavage
30.3	Bedding		So			65		5	lineation measured in cleavage plane in softened phyllite in fault zone
31.23	Veins			ser	SHTV	58			multiple ~1cm thick quartz-ankerite veins - foliation concordant (& some boudinaged) over 30cm interval with sericitization along foliation cleavages
32.2	Bedding		So			58			foliation in phyllite
36	Veins				SHTV	55	275		multiple <1mm thick, parallel quartz-carbonate seams that cross-cute foliation at an acute angle of 20 degree
36	Bedding		So			35	260	50	foliation in phyllite with lineation
39	Bedding		So			30			both S1 & S2 discernible
39	Cleavage		S1			49			both S1 & S2 discernible
39.7	Veins				SHTV	70			several grey-green chlorite seams bisecting tight/closed folds (i.e. along fold axial plane)
39.7	Veins			chl	AXP	70			several grey-green chlorite seams bisecting tight/closed folds (i.e. along fold axial plane)
39.7	Axial Plane		Fx			70			tight/closed folds with ~4cm wavelenght
42.95	Bedding		So			50		40	lineation measured in foliation
43.05	Veins				SHTV	58			multiple, densely spaced folded, boudinaged parallel quartz-carbonated veins in phyllite - subconcordant to foliation
43.62	Faults				Gouge	65			poorly recoverd gouge wedge parallel and at lower contact of sheeted vein array
45	Bedding		So			50			
46	Bedding		So			35		45	strong grooves along foliation cleavage
46.28	Joints				Gouge	50			poorly recovered gouge wedge
48	Bedding		So			50		40	lineation measured in foliation cleavage
48	Lineation					50		45	
49.8	Bedding		So			48			
51.1	Veins				AXP	85			2 quartz veinlets bisecting closed folds [axial plane]
54	Bedding		So			40			
55	Lineation					40		25	rusty open joint along foliation with stepped grooves (lineations)

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 72

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
55	Bedding		So			40		25	rusty open joint along foliation with stepped grooves (lineations)
56.4	Veins				SHTV	52			multiple parallel, vuggy quartz-iron-carbonate veinlets over 20cm interval -- subconcordant to foliation
57.28	Bedding		So			41		60	phyllite with two well expressed cleavages, lineation showing on both, S1 fabric better defined
57.28	Cleavage		S1			61		65	phyllite with two well expressed cleavages with lineation showing on both
60	Bedding		S1			56	265	45	lineation on visible in S2 cleavage
60	Lineation					56	265	45	lineation on visible in S2 cleavage
60	Bedding		So			40	245		compositional bedding
62	Bedding		So			42			
63.55	Veins					49			folded 0.4mm quartz-carbonate veinlet that intersects foliation at acute 30 degree angle
63.55	Bedding		So			32			
64.42	Joints				Gouge				5cm thick gouge wedge bounding comptent rock along sharp, undulated, non-planar contacts
65.1	Joints				Gouge	60			fragmentation and 3cm gouge wedge bounding competent rock
65.3	Axial Plane		F1			50			multiple open (3cm wavelength) fold profiles visible in iron stained silt interbed within phyllite. Some mechanical breaks along axial planes.
66.95	Bedding		So			45			
67.28	Bedding		So			45			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28275	3	4.5	2011	STND	CDN-GS-8B	QZVN
28276	3	4.5	2011	DUP	Q-Split	QZVN
28274	3	4.5	2011	Expl Geochem	H-split	QZVN
28277	4.5	9	2011	Expl Geochem	H-split	MT-Phy
28278	9	12	2011	Expl Geochem	H-split	MT-Phy
28279	12	15	2011	Expl Geochem	H-split	MT-Phy
28280	15	18	2011	Expl Geochem	H-split	MT-Phy
28281	18	21	2011	Expl Geochem	H-split	MT-Phy
28282	21	22.7	2011	Expl Geochem	H-split	MT-Phy
28283	22.7	24.5	2011	Expl Geochem	H-split	QZVN
28284	24.5	27	2011	Expl Geochem	H-split	MT-Phy.bx
28285	27	30	2011	Expl Geochem	H-split	MT-Phy.bx
28286	30	31.1	2011	Expl Geochem	H-split	MT-Phy.bx
28287	31.1	33	2011	Expl Geochem	H-split	MT-Phy
28288	33	36	2011	Expl Geochem	H-split	MT-Phy
28289	36	39	2011	Expl Geochem	H-split	MT-Phy
28290	39	42	2011	Expl Geochem	H-split	MT-Phy
28291	42	43.62	2011	Expl Geochem	H-split	MT-Phy
28292	43.62	45	2011	Expl Geochem	H-split	MT-Phy
28293	45	48	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015 **Grant No.:** YD07124

Plunge: 55 **Azimuth:** 270 **EOH:** 72

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28294	48	51	2011	Expl Geochem	H-split	MT-Phy
28295	51	52.7	2011	Expl Geochem	H-split	MT-Phy
28296	52.7	54	2011	Expl Geochem	H-split	MT-Phy
28297	54	57	2011	Expl Geochem	H-split	MT-Phy
28298	57	60	2011	Expl Geochem	H-split	MT-Phy
28299	60	63	2011	Expl Geochem	H-split	MT-Phy
28300	63	66	2011	Expl Geochem	H-split	MT-Phy
28301	66	69	2011	Expl Geochem	H-split	MT-Phy
28302	69	72	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015A **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533723.8	6843901.9		

Elevation: 1556 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 386.0 m
Core Size: HQ

Start Date: 26/07/2011
Finish Date: 01/08/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	61.3	259.94	5893	Reflex	1
72	62.5	259.74	5839	Reflex	1
123	62.8	263.04	5822	Reflex	1
174	63.4	261.24	5822	Reflex	1
225	64	259.84	5830	Reflex	1
330	64.8	257.94	5828	Reflex	1

Objective:

3A-11-015A is a replacement for 3A-11-015 (location of proposed hole 3A-11-P02) which failed prematurely due to stuck rods. Plunge was steepened to 60 degree from previous plunge of 55 degree.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3	no core recovered	CASING		100.0%	w			co	1
3	6	several discrete ~10cm thick quartz veins emplaced @ high core angle and partially rubbled with branching, buff, ankerite wedges	QZVN		30.0%	w			lc	1
3	6	black phyllite with grey-brown silt lamellae; texture too fine-grained to determine exact composition	MT-Phy		70.0%	n			lc	1
6	8.8	phyllite as seen in previous unit above cross-cut by long-running, low core angle, undulated quartz vein	MT-Phy		20.0%	n			br	1
6	8.8	undulated, low core angle quartz vein emplaced into phyllite unit and contains a multitude of grey-green chlorite seams; narrow, slitted vugs	QZVN		80.0%	w			lc	1
8.8	32	only rare incidence of quartz veining as discrete 10cm vein in lower half of unit	QZVN		1.0%	w			br	1
8.8	32	black phyllite with occassional thin grey-brown silt lamellae texture is too fine-grained to determine exact exact composition quartz veining is rare as only very occassional thin seams or some discret, ~10cm thick vuggy veining in lower half of unit unit is folded with several open fold profiles visible in core [see point measurements]	MT-Phy		99.0%	n			br	1
32	33	Foliated phyllite with chlorite intrusions at contacts with quartz veining	MT-Phy		20.0%	n			co	1
32	33	Several buff-orange, iron-carbonate altered, discrete, 10-20cm wedges of quartz veining cross-cutting phyllite foliation Wispy wedge-like, grey-green chlorite at vein contacts	QZVN		80.0%	bf			co	1
33	83.3	Quartz veining in phyllite is relatively rare. Localized trends are documents in point measurements table.	QZVN		2.0%	w			co	1
33	83.3	black foliated phyllite with only thin, minor grey-brown silt lamellae; generally competent; folded throughout with small profiles occassionally visible [see point measurements]; silt interbedding increases towards lower contact texture too fine-grained to determin exact composition upper contact with quartz vein lower contact slip faulted with quartz-pebble-conglomerate (QPC) [see point measurement] appears devoid of mineralization	MT-Phy		98.0%	n			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 386

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
83.3	100.4	High intensity of quartz veining in this interval Veins are: - milky white in colour - generally no more than 5cm thick - generally vuggy and with buff iron carbonate (ankerite?) patches - frequently foliation concordant - generally sulfide mineralized in veining and QPC wall rock - vein intensity increases towards lower bound of interval - vein boundaries become more diffuse towards lower bound of interval - arsenopyrite mineralized veins are frequently boudinaged and therefore challenging to track as point measurements Lower bound of interval is a 10cm thick gouge wedge	QZVN		20.0%	w			co	1
83.3	100.4	Quartz Pebble Conglomerate (QPC) Grainsize: 3-6mm grains subangular to subrounded Colour: grey-green Composition: ~15% feldspar, 80% quartz, 5% fine-grained matrix & lithic fragments feldspars are subject to iron carbonate alteration and occasiona yellow-green (possibly) epidote alteration also simple white clay alteration in more unaltered sections Quartz grains appear milky white with occassionally slightly diffuse boundaries	MT-CO		80.0%	gy	qtz	80	co	1
100.4	103.04	Gold mineralized zoned overlying phyllite gouge: Brecciated quartz veining with strength and cohesion. Veins appear boudinaged and aligned along wispy dark grey chlorite lamallae& occassional wedges [foliation] in upper part of interval - but texture becomes random with chlorite lamellae multiply intersecting (brecciated) towards lower contact with phyllite gouge. multiple instance of 1mm - 0.1mm specs of gold in angulated, brecciated grey-white quartz clasts 0.5-1mm diameter euhedral disseminated pyrite in quartz 0.1-1mm diameter disseminated arsenopyrite in quartz	QZVN	bx	100.0%	w			co	2
103.04	104.21	folded and boudinated light-grey to white quartz veining with ankerite patches as part of large scale fault zone quartz also as angular fragments in phyllite gouge	QZVN	bx	20.0%	w			br	3
103.04	104.21	gouged black phyllite with pyrite stringer mineralization - part of fault zone [103.04-110.50m] texture too fine-grained & deformed to determin exact composition	MT-Phy	bx	80.0%	n			co	3
104.21	105	partially recovered white, massive quartz vein with black chloritized phyllite inclusions as wedges and lamellae crushed and shattered towards lower contact part of large scale fault zone	QZVN	bx	100.0%	w			lc	3
105	110.5	quartz veining present in gouge as 1mm-2cm diameter angular fragments as part of large scale fault zone	QZVN	bx	10.0%	w			co	3
105	110.5	black gouged, shattered and crushed phyllite as part of large scale fault zone contain a multitude of angular quartz vein fragments percentage of coarser more competent phyllite fragments increases towards lower contact of unit lower contact is sharp, gouged & curved/non-planar with competent phyllite below	MT-Phy	bx	90.0%	n			br	3
110.5	131.5	Quartz veining in phyllite unit is generally 1cm thick and appears as discrete, localized, sheeted successions (see point measurements).	QZVN		5.0%	w			co	1

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
110.5	131.5	Black phyllite with fairly consisten foliation core angle. Texture to fine-grained to determine exact composition. Upper 5 meters of unit are almost solidly black. Grey silt interbeding increases towards lower contact of unit. Both upper and lower contacts of this unit are faulted. Quartz veining is generally 1cm thick and appears as discrete, localized, sheeted successions (see point measurements).	MT-Phy		95.0%	n			co	1
131.5	133	fragmented, folded, dusty white quartz veining in faulted & gouged phyllite hightly mineralized 30TCA, gouged vein @132m	QZVN	bx	5.0%	w			br	3
131.5	133	gouged and faulted phyllite as part of large scale fault zone [131.50-141m] high degree of mineralization as part of 0.5cm thick pyrite vein in gouged 30TCA quartz vein @~132m	MT-Phy	bx	95.0%	n			br	3
133	141	quartz veining that undulates subparallel to core axis and appears foliation concordant in brittle fault zone with iron-carbonate staining on QPC and ankerite patches in veining	QZVN	bx	30.0%	w			co	2
133	141	faulted quartz pebble conglomerate (QPC) with fairly intense iron staining that makes it challenging to determine the original composition ~80% quartz ~15% feldspar ~5% matrix grainsize: 3-5mm quartz clasts appear angular feldspars appear pitted with iron-carbonate alteration both upper and lower contacts of unit are poorly recovered due to finely crushed core foliation throughout is subparallel to core axis as well as accompanying quartz veining and unit is dominated by low core angle fractures	MT-CO	bx	70.0%	o	qtz	80	co	2
141	151.9	Sheeted, densely distributed low core angle quartz veining throughout entire QPC unit - but vein intensity clearly decreases in last 2 meters of unit. Quartz veining is at low core angle and appears to consist of two sets that dip in opposite directions, i.e. Generation 1 & Generation 2. Unfortunately only a 25cm fragmented of this interval is oriented. This short fragment does show a cross-cutting relationship	QZVN		30.0%	w			co	1
141	151.9	Quartz-Pebble-Conglomerate with an influx of weak chlortization (and/or possibly silicification) which acts texturally destructive Several intervals have a foliation alignemt of diffuse thin chlorite seams. Other intervals clear show original texture and composition: 80% Quartz, 15% Feldspar, 5% fine-grained matrix and lithic fragments Grainsize (where unaltered): 4-6mm quartz clast appear subangular to subrounded feldspars appear pitted with selective iron-carbonate alteration or smooth and buff white in colour Upper contact of unit is poorly recovered. Lower contact is fragmented.	MT-CO		70.0%	gy			co	1
151.9	153.02	Silt-Phyllite interbedding. Black phyllite bands too fine-grained to determine exact composition	MT-Phy		20.0%	n			co	1

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Plunge: 60 **Azimuth:** 270 **EOH:** 386

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
151.9	153.02	Silt-Phyllite interbedding @ high core angle foliation with sharp, foliation concordant, upper & lower contacts; predominantly silt phyylite texture too fine-grained to determine exact composition ~ about 20% buff feldspar clasts discernible in some silt interbedding; 5% lithics; 75% grey quartz clasts subangular to subrounded clasts containes very fine-grained disseminated pyrite	MT-SLT		80.0%	gy	qtz	75	co	1
153.02	153.79	dark grey Quartz-Pebble-Conglomerate (QPC) 83% grey, smokey quartz 15% buff, yellow-white feldspar 2% dark, finer grained lithics + singular larger phyllite clasts that appear wispy and elongated (~1cm diameter along long axis) clasts are subangular Contacts are sharp and high core angle 70-80TCA with phyllite wedges	MT-CO		100.0%	gy	qtz	83	co	1
153.79	165.66	Low density of quartz veining in QPC unit: - generally undulated & low core angle (10-25TCA) - at least 2 cross-cutting generation identifiable - generally 1-2cm thick - milky white colour with well defined boundaries - singular grain of arsenopyrite observed in low core angle quartz vein - singular grain of galena observerved in a low core angle quartz vein some orientat	QZVN		4.0%	w			co	1
153.79	165.66	grey-green quartz-pebble conglomerate with brittle deformation in upper part of unit ~90% grey-white quartz clasts ~10% white clay altered feldspar Grainsize: 2-6mm clasts appear subangular to subrounded Intermittent, texturally destructive, slightly greenish-grey (chlorite?) alteration throughout Lower contact with phyllite is gradiational.	MT-CO		96.0%	gy	qtz	90	co	1
165.66	175.04	quartz veining in phyllite unit is extremely rare and generally occurs in form of 3-4m spaced discrete 10cm tension vein wedges that containt grey-green chlorite, have a brecciated appearance and appear subconcordant to foliation. [see point measurements] The remainder of veining occurs as very thin, ~1mm seams which frequently run @ an actue 30degree intersection angle with S1 and are themselves at about 35TCA. This parttern is especially apparent in the lower 3rd of the unit.	QZVN		2.0%	w			co	1
165.66	175.04	Black phyllite with fairly consistent high core angle foliation (though probably part or folded package). Fairly devoid of silt interbedding in upper 3rd of unit. Grey silt interbedding increases as 0.5-2cm interbeds towards lower contact of unit Lower contact of unit appears to be a thin, healed fault seam that off-sets quartz vein in below lying unit Texture too fine-grained to determine exact composition.	MT-Phy		98.0%	n			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
175.04	186.27	Late generation quartz veining in sandstone unit is undulated and low core angle throughout (15-35TCA) and ranges from 2-10cm in thickness. Appearance in milky white with well-defined boundaries. Some veins are openly folded. Multiple generations of thinner more diffuse ~50TCA veinlets present, which are cross-cut by the undulated, low core angle (thicker) veins. Late generation veins is ferquently vuggy with iron-carbonate staining and generates low core angle fractures in lowe part of unit.	QZVN		10.0%	w			co	1
175.04	186.27	medium to coarse grained Sandstone (1mm-2mm) with subangular feldspar clasts and subrounded grey quartz clasts. Entire unit appears grey with a slightly greenish hue and has intermittent intervals where the original texture is partially overprinted by dark grey-green, aligned, wispy chlorite lamelle. Feldspars have white-buff clay and possibly weak iron-carbonate alteration. Composition: ~88% Quartz, 10%Plagioclase, ~2% Lithics (occasional elongated wedges of phyllite in matrix)	MT-SS	cgr	90.0%	gy	qtz	88	co	1
186.27	193.06	Interbedding of fine-grained dark-grey sandstone, black phyllite & grey silt. Silt-phyllite interbedding contacts are generally sedimentary successions. Contacts with fine-grained sandstone appear occasionally as healed competent fault contacts. Phyllite and silt interbedding too fine-grained to determine exact composition. Both upper & lower contacts of unit are sharp and competent.	MT-SLT		20.0%	gy			co	1
186.27	193.06	Quartz veining occurs predominantly as milky white 1-4cm thick, 30-40TCA veins (Generation 2) throughout. However other generations are present. Vein mineralization occurs predominantly in thin <0.5cm thick, slight diffuse, intensely angulated 5-15TCA veinlets (Generation 1) that are cross-cut by steeper core angle Generation 2 veinlets.	QZVN		20.0%	w			co	1
186.27	193.06	Interbedding of fine-grained dark grey sandstone, black phyllite & grey silt. Silt-phyllite interbedding contacts are generally sedimentary successions. Contacts with fine-grained sandstone appear occasionally as healed competent fault contacts. Phyllite and silt interbedding too fine-grained to determine exact composition. Both upper & lower contacts of unit are sharp and competent.	MT-Phy		25.0%	n			co	1
186.27	193.06	fine-grained, dark grey sandstone: 75% grey quartz; 20% white, clay-altered feldspar, 5% dark lithics clasts are subrounded some sandstone interbeds may have been moved along healed slip faults at lithological contacts	MT-SS	fgr	35.0%	gy	qtz	80	co	1
193.06	193.7	massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour. See point mearsurements for orientaiton of upper contact.	QZVN		100.0%	w			co	1
193.7	204.92	milky white (low core angle) quartz veining in fine-grained sandstone interbed from 198-199.50m also minor, <0.5cm thick quartz veinlets in phyllite (often foliation concordant)	QZVN		2.0%	w			co	1
193.7	204.92	Unit consists of intermingled black phyllite, grey silt and grey to dark grey sandstone interbedding. Interbedding consitst of 10cm interbanding as well as long up to 1m sections with solely silt/sand. The upper and lower 3 meters of this unit are dominated by phyllite. Quart veining is generally restricted to sandstone interbedding. Texture in silt and phyllite to fine-grained to determine exact composition. Unit contains a fault @ upper contact. Lower contact grades into low grade shearing.	MT-SLT		15.0%	gy			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
193.7	204.92	Unit consists of intermingled grey to dark grey sandstone, grey silt and black phyllite interbedding. Interbedding consitst of 10cm interbanding as well as long up to 1m sections with solely silt/sand. The upper and lower 3 meters of this unit are dominated by phyllite. Quart veining is generally restricted to sandstone interbedding. Texture in silt and phyllite to fine-grained to determine exact composition. Unit contains a fault @ upper contact. Lower contact grades into low grade shearing. Composition of fine-grained sandstone: 80% quartz, 15% feldspar, 5% lithics quartz is grey in colour, white clay alteration on feldspar clasts subrounded	MT-SS	fgr	18.0%	gy			co	1
193.7	204.92	Unit consists of intermingled black phyllite, grey silt and grey to dark grey sandstone interbedding. Interbedding consitst of 10cm interbanding as well as long up to 1m sections with solely silt/sand. The upper and lower 3 meters of this unit are dominated by phyllite. Quart veining is generally restricted to sandstone interbedding. Texture in silt and phyllite to fine-grained to determine exact composition. Unit contains a fault @ upper contact. Lower contact grades into low grade shearing.	MT-Phy		65.0%	n			co	1
204.92	207.84	Graphitic Phyllite with intense veining, gradational contacts & very low core angle foliation: either weakly developed shear texture or fold hinge (transition of foliation from bounding units above and below to low to 0 TCA is gradational intensely pyrite mineralized with pyrite sheared and flattened along foliation texture also somewhat brecciated with angular phyllite clast inclusions in semi-massive qaurtz veining GRAPHITIC: smooth polished cleavages and even polished graphite coated breaks	MT-Phy	gf	45.0%	n			co	3
204.92	207.84	white quartz veining in Graphitc Phyllite is predominantly semi-massive and has multiple inclusions of angular phyllite wedges veining is wedgelike and even when cross-cutting phyllite foliation stil has smooth, planar, graphite coated contacted	QZVN		55.0%	w			co	1
207.84	213.93	upper half of interval: generally thin (<0.5cm thick) foliation concordant quartz veining with dusty white colour; + additionally some 1-2 cm thick, foliation discordant, milky white quartz veining lower half of interval: dusty white veining gradually intensifies and contains multiple pyrite blebs; veining is predominantly foliation concordant + some low core angle; in the lower half of interval both vein types are dusty white, <0.5cm thick and mineralized upper contact of unit is gradational with sheared, graphitic phyllite lower contact of unit is sharp and off-sets quartz veining with a suspected dyke	QZVN		10.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
207.84	213.93	black Phyllite with generally thin (<0.5cm), foliation concordant veinlets very thin grey silt lamellae interbedded with phyllite, ~5% texture too fine grained to determine exact composition upper contact is gradational with sheared graphitic phyllite unit lower contact is sharp and and off-sets quartz veining in a suspected dyke unit possible contains a trace graphite component (grey smea when rubbing foliation)	MT-Phy	gf	90.0%	n			co	1
213.93	214.8	3cm thick milky white quartz vein at 10TCA in possible dyke. Sharply cut-off @ upper contact @ 213.93m Sharply cut-off @ center of dyke @ 214.18m	QZVN		20.0%	w			co	1
213.93	214.8	possible dyke with sharp, unconforming contacts in phyllite Composition 70% dusty white plagioclase porphyroblasts 10% quartz 10% dark mafics contains fine-grained disseminated sulfides and has a weak 10TCA foliation grainsize: ~0.5mm Various team members gave their input on this one and opinions are at about 70% for dyke and 30% for dark grey sandstone (examined with microscope) -- kept as separate sample ---	II-DI	fgr	80.0%	gy			co	1
214.8	221	Quartz veining in faulted phyllite is dusty white in colour, intensely pyrite mineralized and frequently brecciated, folded and/or boudinaged; frequently foliation concordant but also as partially penetrative (mineralized) tension cracks discordant to foliation	QZVN		10.0%	w			co	1
214.8	221	FAULT ZONE: black Phyllite does ont appear to be graphitic Partially gouge and locacally with brecciation of quartz veining in partially softened rock. Intensely pyrite mineralized with blebs in veining and densely disseminated in gouge Texture of Phyllite is too fine-grained to determine exact composition. Upper contact with possible dyke and lower contact sharp and lithological.	MT-Phy	bx	90.0%	n			br	3
221	243	milky white quartz veining in weakly silicified sandstone: - generally 0.5-2cm thick quartz veins @ ~25-60TCA at variable orientations with generational cross-cutting relationship - quartz veins are mineralized and densely spaced (at least 20% of interval lithology) - some veins have small vugs - some vuggy veins have minor iron staining after 231.3m veining intensifies to multiply cross-cutting, densely spaced, thin quartz veinlets with slightly diffuse boundaries an blurry, texturally altered sandstone wallrock matrix densely distributed pyrite mineralization in vuggy quartz vein clasts/boudins (?)	QZVN		20.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
221	243	coarse grained, weakly silicified and locally weakly chloritized Sandstone: colour: very light grey grainsize: 1.-2.5mm (locally grading into gravel size) Grainsize decreases towards lower contact with phyllite. composition: 80% light grey quartz, 15% dusty, white altered plagioclase, 5% fine-grained lithics + occasional 2mm phyllite clasts grains are subangular Note: occassional blue-grey, slightly enlarged quartz clasts intensely mineralized by cross-cutting, pyrite mineralized quartz veining Upper contact defined by phyllite fault gouge. Lower contact defined by gradational transition in form of fine grained sandstone interbeds in phyllite. Also cave-in @ 242m with poor recovery making characteriziation of lower contact challenging.	MT-SS	cgr	80.0%	gy	qtz	80	co	1
243	246.97	Quartz veining in phyllite-sandstone interbedding is pre-dominantly folation concordant and varies in thickness from 2mm-3cm. Som buff ankerite wedges in quartz veining.	QZVN		10.0%	w			co	1
243	246.97	Several discrete, light grey, medium grey sandstone interbeds in phyllite [see point measurements for contacts]. Likely healed fault slip contacts taking advantage of lithological contacts. 80% quartz, 15% plagio clase, 5% lithics grainsize: 1-1.5mm grains subrounded	MT-SS	mgr	20.0%	gy	qtz	70	co	1
243	246.97	Black, foliated phyllite with several fine to mediu grained sandstone interbeds along sharp contacts. Texture of phyllite too fine grained to determined exact composition. Phyllite has thin grey, laminar silt interbedding in almost rhythmic fashion.	MT-Phy		70.0%	n			co	1
246.97	258.7	Quartz veining in phyllite: - always 2mm-1.5cm thick - dusty white colour - often foliation concordant - in lower half of unit especially - at lowe conre angle and foliation discordant - several tension vein arrays near upper contact of unit Phyllite is black in colour with lighter grey, laminar silt interbedding [25% thin, rhythmic silt laminae Lower contact of unit is gouge faulted.	QZVN		5.0%	w			co	1
246.97	258.7	openly folded phyllite [see visible open fold profile @ 253.50m] Phyllite is black in colour with lighter grey, laminar silt interbedding [25% thin, rhythmic silt laminae Lower contact of unit is gouge faulted.	MT-Phy		95.0%	n			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
258.7	269.82	Quartz veining especially densely distributed near upper and lower contacts of unit. Unit is fairly broken and fragmented (mostly mechanical) and vein core angle patters are challenging to identify due to this fact. Characteristics: - milky white colour - variable thickness (0.5cm to up 15cm thickness) - variable core angles & intersecting - veins near lower contact are less fragmented and are frequently concordant to alignment of grains in sandstone sulfide mineralization associated with veining	QZVN		20.0%	w			br	1
258.7	269.82	Light grey sandstone; composition: 95% light grey quartz, 14% dusty white, clay altered feldspar, ~1% very fine-grained lithics Grains are subangular to subrounded. Weak intermittent chloritization that acts texturally destructive and is expressed as alignmet of wispy dark grey-green lamellae that are generally semi-penetrative. Alignment of grains observed intermittently in sandstone may be due to alteration fluid influx or a true foliation derived from bedding. Possibly intermittently weakly silicified. Harder where less feldspar is present. Appears depleted of feldspar locally. Appears equigranular. Upper contact with gouged phyllite. Lower cotnact is sharp with phyllite and concordant to phyllite foliation.	MT-SS	mgr	80.0%	gy	qtz	85	br	1
269.82	270.7	black phyllite with 2mm to 20cm thick silt interbedding. Quartz veining is generally very high core angle veinlets that appear subconcordant to foliatoin. Upper contact sharp and planar. Lower contact gouged and cuts off veining in below lying unit. [see point measurements]	QZVN		5.0%	w			co	1
269.82	270.7	black phyllite with 2mm to 20cm thick silt interbedding. Quartz veining is generally very high core angle veinlets that appear subconcordant to foliatoin. Upper contact sharp and planar. Lower contact gouged and cuts off veining in below lying unit. [see point measurements]	MT-SLT		25.0%	gy			co	1
269.82	270.7	black phyllite with 2mm to 20cm thick silt interbedding. Quartz veining is generally very high core angle veinlets that appear subconcordant to foliatoin. Upper contact sharp and planar. Lower contact gouged and cuts off veining in below lying unit. [see point measurements]	MT-Phy		70.0%	n			co	1
270.7	274.8	milky white, predominantly foliation concordant quartz veining: - generally 1-3cm thick - foliation concordant veins predate discordant veining [cross-cutting relationship] - also several foliation discordante buff ankerite seams (tension veinlets?)	QZVN		10.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
270.7	274.8	dark grey-green foliated quartz-pebble-conglomerate with texturally destructive pervasive alteration fluid (chlorite?). Generally foliation orientation: 30/245 Very hard and cannot be scraped with hammer (silicification?). Compositon: 80% quartz, 15% feldspar, 5% lithics Grainsize: 1-4mm Grainshape: subangular to subrounded; quartz clasts occassional stretched and elongated (weak foliation accompanied by concordant veining) Foliation is also expressed as very thing dark grey-green chlorite seams at 2mm spacing.	MT-CO	mgr	90.0%	gy			co	1
274.8	279.67	quartz veining in soft deformation zone: Phyllite with strongly developed grooves (gamma = 85 degree) along foliation planes and prominent, angular, iron-carbonate wedges that cross-cut foliation, also foliation concordant quartz-ankerite veining; pyrite mineralized; both upper and lower contact are sharp and cut off/fault contact units also dusty vein thin veinlets present - both foliation concordant and high core angle foliation discordant	QZVN		5.0%	bf			co	1
274.8	279.67	soft deformation: Phyllite with strongly developed grooves (gamma = 85 degree) along foliation planes and prominent, angular, iron-carbonate wedges that cross-cut foliation, also foliation concordant quartz-ankerite veining; pyrite mineralized; both upper and lower contact are sharp and cut off/fault contact units	MT-Phy		95.0%	n			co	1
279.67	291.8	Sedimentary succession (some phyllite-sandstone contacts however may be faulted) Sandstone subintervals feature a multitude of milky white, cross-cutting quartz veining. Sandstone is light grey in colour and possibly weakly silicified. Veins in black phyllyite with grey-brown silt interbedding is predominantly foliation concordant and <1cm thick. Thicker 3-5cm thick quartz veining with buff ankerite wedges can be observed in both phyllite and sandstone subsection. QUARTZ-PEBBLE-CONGLOMERATE: occurrs as localized coarser grading in sandstone section and as a discrete band from 291.20m - 291.80m.	MT-CO		5.0%	gy			co	1
279.67	291.8	Sedimentary succession (some phyllite-sandstone contacts however may be faulted) Sandstone subintervals feature a multitude of milky white, cross-cutting quartz veining. Sandstone is light grey in colour and possibly weakly silicified. Veins in black phyllyite with grey-brown silt interbedding is predominantly foliation concordant and <1cm thick. Thicker 3-5cm thick quartz veining with buff ankerite wedges can be observed in both phyllite and sandstone subsection. SILT: generally as laminar interbedding in phyllite but occassional as discrete 20cm bands grading into fine-grained sandstone	MT-SLT		5.0%	gy			co	1

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Plunge: 60 **Azimuth:** 270 **EOH:** 386

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
279.67	291.8	Sedimentary succession (some phyllite-sandstone contacts however may be faulted) Sandstone subintervals feature a multitude of milky white, cross-cutting quartz veining. Sandstone is light grey in colour and possibly weakly silicified. Veins in black phyllyite with grey-brown silt interbedding is predominantly foliation concordant and <1cm thick. Thicker 3-5cm thick quartz veining with buff ankerite wedges can be observed in both phyllite and sandstone subsection. SANDSTONE: Composition: 85% grey quartz, 13% dusty white, clay altered plagioclase, 2% lithics (contains some black phyllite fragments) grainsize varies from 0.5-2mm throughout unit as part of sedimentary succession grains are subangular to subrounded	MT-Phy		10.0%	n			co	1
279.67	291.8	Sedimentary succession (some phyllite-sandstone contacts however may be faulted) Sandstone subintervals feature a multitude of milky white, cross-cutting quartz veining. Sandstone is light grey in colour and possibly weakly silicified. Veins in black phyllyite with grey-brown silt interbedding is predominantly foliation concordant and <1cm thick. Thicker 3-5cm thick quartz veining with buff ankerite wedges can be observed in both phyllite and sandstone subsection.	QZVN		20.0%	w			co	1
279.67	291.8	Sedimentary succession (some phyllite-sandstone contacts however may be faulted) Sandstone subintervals feature a multitude of milky white, cross-cutting quartz veining. Sandstone is light grey in colour and possibly weakly silicified. Veins in black phyllyite with grey-brown silt interbedding is predominantly foliation concordant and <1cm thick. Thicker 3-5cm thick quartz veining with buff ankerite wedges can be observed in both phyllite and sandstone subsection.	MT-SS	mgr	60.0%	gy			co	1
291.8	296.67	Faulted QPC wedge from 294.95m-295.74m in foliated black phyllite with grey silt laminations and predominantly foliation concordant quartz seams and prominent, off-set, angular quartz-ankerite wedges Lower contact of entire unit is defined by gouge faulting.	MT-CO		20.0%	gy			co	1
291.8	296.67	Vein seams and angular quartz-ankerite wedges in phyllite as well as a massive 50cm quartz-ankerite vein at 294.45m.	QZVN		25.0%	bf			co	1
291.8	296.67	Foliated black phyllite with grey silt laminations and predominantly foliation concordant quartz seams and prominent, off-set, angular quartz-ankerite wedges Lower contact is defined by gouge faulting. Unit contains a faulted QPC wedge from 294.95m-295.74m.	MT-Phy		55.0%	n			co	1
296.67	303.2	Quartz veining in sedimentary succession is is predominantly foliation concordant and contains occassional buff ankerite.	QZVN		5.0%	w			co	1

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Plunge:	60	Azimuth:	270	EOH:	386		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
296.67	303.2	Sedimentary Succession: Black (folded) phyllite with generally gradational silt and sand interbedding. [sedimentary succession] Silt interbedding is grey-brown in colour. Sandstoe interbedding grades from fine to coarse grained and is grey to dark grey in colour. Silt and clay bands too fine grained to determine exact composition. Composition of sandstone: 85% grey quartz, 12% white, clay altered feldspar, 3% Lithics (possible some phyllite clasts). Grains are subrounded. The largest coarse grained sandstone interbed is at 301.05 and emplaced due to small scale phyllite gouge fault.	MT-SLT		10.0%	gy			co	1
296.67	303.2	Sedimentary Succession: Black (folded) phyllite with generally gradational silt and sand interbedding. [sedimentary succession] Silt interbedding is grey-brown in colour. Sandstoe interbedding grades from fine to coarse grained and is grey to dark grey in colour. Silt and clay bands too fine grained to determine exact composition. Composition of sandstone: 85% grey quartz, 12% white, clay altered feldspar, 3% Lithics (possible some phyllite clasts). Grains are subrounded. The largest coarse grained sandstone interbed is at 301.05 and emplaced due to small scale phyllite gouge fault.	MT-SS		15.0%	gy			co	1
296.67	303.2	Sedimentary Succession: Black (folded) phyllite with generally gradational silt and sand interbedding. [sedimentary succession] Silt interbedding is grey-brown in colour. Sandstoe interbedding grades from fine to coarse grained and is grey to dark grey in colour. Silt and clay bands too fine grained to determine exact composition. Composition of sandstone: 85% grey quartz, 12% white, clay altered feldspar, 3% Lithics (possible some phyllite clasts). Grains are subrounded. The largest coarse grained sandstone interbed is at 301.05 and emplaced due to small scale phyllite gouge fault.	MT-Phy		70.0%	n			co	1
303.2	311.7	several 1-10cm thick, black faulted phyllite wedges that cut of quartz veining in sandstone and are always emplaced concordant to phyllite foliation phyllite wedges are always intensely pyrite mineralized	MT-Phy		1.0%	n			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
303.2	311.7	milky white quartz veining in medium to coarse grained sandstone: - variable core angle - ~ 10 veins per 1 meter - vein thickness varies greatly fron 0.5cm to 15cm - frequent cross-cutting, but now clear generational trend - generally on trace pyrite mineralization as singular up to 2mm diameter grains in wall rock as well as some denser dissemination along fractured vein boundaries - some vuggy quartz veining with euhedral pyrite blebs	QZVN		14.0%	w			co	1
303.2	311.7	light grey medium to coarse grained sandstone: no foliation fabric appears weakly to moderately silicified and depleted of feldspars with locally equigranular, quartz dominanted texture Grainsize:1-2mm grains are subangular to subrounded Composition: 85% quartz, 15% dusty white, clay altered plagioclase (no appreciable amount of lithics detected with handlens Upper contact is defined by 30 thick, low core angle quartz vein. Lower contact appears gradational into a quartz pebble conglomerate.	MT-SS	cgr	85.0%	gy	qtz		co	1
311.7	343.2	densely spaced milky white quartz veining in QPC - some with small slitted vugs. Vein Trends: 311.00-320.00m: veining is low core angle and vein density about 5 (<2cm thick) milky white veins per meter; 5% quartz veining 320.00-329.00m: veining is both low and high core angle and predominantly <4cm thick high vein density; 40% quartz veining several ~45TCA tension veins observed that off-set low core angle veins [323.50-325.50m semi-massive, milky white quartz veining with lamellar, wispy, grey-green chlorite seams] 329.00-336.50m: veining <4cm thick decreased vein density compared to previous subsection; 10% quartz veining veining predominantly high core angle some high core angle veining quite diffuse and wispy + cross ctue by low core angle veining 336.50-343.20: intensely pyrite mineralized ~20% quartz veining predominant vein core angle is ~55TCA mineralization is highest were veining appears diffuse and intersects multiply with extremely dense distribution (upper part of this subsection)	QZVN		15.0%	w			co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
311.7	343.2	very coarse grained Quartz-Pebble-Conglomerate (QPC): Pebbles in this conglomerate are unusually large, where most QPC clasts range from granules size to a maximumg of 1 cm - clasts here are up to 3cm long, subangular and elongated. Composition: 90% quartz; 5% dusty white, clay altered feldspar; 5% angular black phyllite clasts Fine-grained matrix 5% versus all over clast proportion of about 95%. center portion of intervals appears to grade into granule size Unit is weakly chloritized, which expressed in form of: - intermittent, texturally destructive grey-green overprinting - overprinting tends to "reduce" grainsize - alteration fluid boundaries are relatively sharp (peeters out?) - quartz clasts are surrounded by thin, diffuse grey-green chlorite rims (matrix) Note: Several phyllite clasts are rimmed by pyrite haloes. Mineralization: This unit contains differentiated zones of high mineralization intensity. [see MINERALIZATION Table] Upper contact of unit appears gradational. Lower contact grades into strain zone that overlies massive fault zone below. Quartz veining and sulfide mineralization occur with highly variable intensity throughout the entire unit.	MT-CO		85.0%	gy			co	1
343.2	346.46	phyllite wedges in low grade shearing in upper 1meter of unit	MT-Phy		5.0%	n			co	2
343.2	346.46	several quartz ankerite veins that run foliation concordant in weak shear interval in beginning of unit	QZVN		25.0%	w			co	1
343.2	346.46	matrix supported QPC BRECCIA: Compostion as seen in previous QPC unit above with a ~1m interval of low grade ductile shearing (50% quartz-ankerite and phyllite wedges) at upper part of unit interval - which grades into a QPC breccia (competent) in downhole direction. QPC breccia has prominent up to 6cm diameter angular clasts. Lower contact of this unit is the boundary into a large scale fault zone.	MT-CO	bx	70.0%	n			co	1
346.46	360.86	FAULT ZONE: light to medium grey QPC (sandstone?) gouge ranging in strengthe from 0 to 1.5. Partially crushed and fragmented. Higher degree of plasticity in lower half of unit. Difficult to determine composition an degree of mineralization due to gouge texture. Possibly quartz veining discernible in gouge material where gouge appears white-grey.	MT-CO	bx	100.0%	gy			br	3
360.86	374.54	FAULT ZONE: black phyllite (and silt?) gouge unlike most phyllite gouge this phyllite gouge zone does not show a foliaton throughout strength ranges from 1 to 1.5 could be described as softened, angular up to 3cm diameter fragments in 30% gouge matrix (low strength breccia) last 1-2 meter of interval have a foliation fabric Black colour indicates phyllite, but unit appears coarsely fragmented (though cohesive).	MT-Phy	bx	100.0%	n			br	3

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
374.54	383.5	black phyllite with grey, laminar silt interbeding which grades into silt and fine grained sandstone interbedding in lowermost 4 meters of this unit. Appears virtually devoid of quartz veining. Bedding/foliation is folded. Unit terminates in gouge crush interval. Compostion of fine grained sandstone: 75% quartz; 20% dusty white feldspar; 5% black lithics (fragmented phyllite)	MT-SS	fgr	12.0%				br	1
374.54	383.5	black phyllite with grey, laminar silt interbeding which grades into silt and fine grained sandstone interbedding in lowermost 4 meters of this unit. Appears virtually devoid of quartz veining. Bedding/foliation is folded. Unit terminates in gouge crush interval.	MT-SLT		33.0%				br	1
374.54	383.5	black phyllite with grey, laminar silt interbeding which grades into silt and fine grained sandstone interbedding in lowermost 4 meters of this unit. Appears virtually devoid of quartz veining. Bedding/foliation is folded. Unit terminates in gouge crush interval.	MT-Phy		55.0%				br	1
383.5	386	crushed, gouged and coarsely fragmented QPC unit Composition in fragments; 85% grey quartz + 15% dusty white feldspar grainsize: 5mm grains subangular	MT-CO	bx	100.0%				lc	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	8.8	grey-green chlorite seams in undulated, low core angle quartz vein emplaced in phyllite	chl	2	vn	g
32	33	grey-green chlorite seams and wedges that reach into both quartz veining and bordering phyllite at contacts	chl	3	vn	g
32	33	buff-orange iron-carbonate patches on quartz veining	fecb	3	vn	bf
83.3	100.4	pervasive orange-brown iron staining throughout intensely vein penetrated QPC unit intensity decreases near lower contact of interval and is most intense where (mechanical) framgmentation is most intense also selective iron-carbonate alteration of feldspars in quartz pebble conglomerate	fecb	3	perv	o
83.3	100.4	weak grey-green, pervasive chlorite alteration that fades in and out in QPC unit and acts locally texturally destructive - blurring grain boundaries and forming alignment of wispy chlorite lamellae along weakly present regional foliation	chl	1	perv	gy
100.4	103.04	weak pervasive, orange-brown iron staining throughout staining brecciated quartz wedges above phyllite gouge zone	fecb	1	perv	o
133	141	pale orange-brown iron staining throughout sandstone portion of brittle fault zone	fecb	2	perv	o
141	150	grey-green chloritization in form of textural destruction of QPC matrix that fades in and out and is expressed and diffuse seams and lamellae that appear to be aligned as a foliation fabric; some localized intervals however remain fairly unaltered with the original QPC texture	chl	2	perv	gy
141	151.9	pitted, buff alteration of feldspar clasts in quartz-pebble-conglomerate (QPC)	fecb	3	smgr	bf
152.79	155.4	orange-brown staining on crushed and softened fragments and along low core angle fractures	fecb	1	frac	o
175.04	186.27	Entire unit appears grey with a slightly greenish hue and has intermittent intervals where the original texture is partially overprinted by dark grey-green, aligned, wispy chlorite lamelle.	chl	1	perv	g
175.04	186.27	orange-brown iron-carbonate staining along rough, jagged fractures along undulated, low core angle, vuggye quartz veining	fecb	2	vn	o
190.97	191.47	green,chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges	chl	4	vn	g

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
193.06	193.7	massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour. See point mearsurements for orientaiton of upper contact.	fecb	3	vn	w
204.92	207.84	dark-grey graphite coating along foliation and quartz vein contacs in phyllite with shear-breccia texture	gr	3	fol	n
207.84	213.93	traces of dark grey graphite coating along foliation in vein mineralized phyllite	gr	2	fol	n
221	223	possibly weak pervasive silicification expressed as localized depletion of feldspars in matrix and near equigranular appearance	sil	1	perv	gy
221	223	intermittent localized chloritization in form of textural destruction and alignment of dark grey-green, wispy chlorite lamellae	chl	1	perv	gy
258.7	269.82	Weak intermittent chloritization that acts texturally destructive and is expressed as alignmet of wispy dark grey-green lamellae that are generally semi-penetrative.	chl	1	perv	g
258.7	269.82	Possibly intermittently weakly silicified. Harder where less feldspar is present. Appears depleted of feldspar locally. Appears equigranular.	sil	1	perv	gy
270.7	274.8	dark grey-green pervasive, texturally destructive chloritization in form of thin seams at 2mm spacing forming a foliation fabric	chl	2	perv	g
274.8	279.67	prominent buff-yellow-white ankerite wedges in quartz veining in phyllite unit	fecb	2	vn	bf
276.67	283.34	buff ankerite patches in quartz veining in mixed sedimentary succession	fecb	2	vn	bf
287	291.8	light grey, pervasive silicification (depletion of feldspars and equigranular appearance) -- compared with stockworked veining	sil	2	perv	gy
291.8	296.67	as wedges in veining	fecb	3	vn	bf
303.2	311.7	appears intermittently weakly to moderately silicified and depleted of feldspars with locally equigranular, quartz dominanted texture	sil	1	perv	gy
311.7	343.2	grey-greenish overprint: Unit is weakly chloritized, which expressed in form of: - intermittent, texturally destructive grey-green overprinting - overprinting tends to "reduce" grainsize - alteration fluid boundaries are relatively sharp (peeters out?) - quartz clasts are surrounded by thin, diffuse grey-green chlorite rims (matrix)	chl	2	perv	g
329	336.5	weakly developed, pervasive silicification overprint leading to feldspar depleted, equigranular texture and diffuse vein boudaries	sil	2	perv	gy
343.2	344.45	ankerite seams with quartz veining in low grade shearing (soft deformation?)	fecb	4	vn	bf
382	383	localized sericitization along foliation in folded silt interbedding	ser	3	fol	gy

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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
19.4	20.66	FZ	200.0%	BFZ	Interval is partially gouged (especially at contacts), partially softened and generally shattered throughout
83.1	83.3	FZ	400.0%	BFZ	phyllite gouge @ lithological contact @ 49TCA - concordant to phyllite foliation and contains vuggy, fragmented quartz veining
83.3	84.15	FZ	200.0%	bx	cohesive and fairly strong, intensely iron-stained quartz-pebble-conglomerate with weakly brecciated texture. Borders gouge fault @ upper contact.
100.4	103.4	FZ			
103.04	110.5	FZ	400.0%	BFZ	Brittle Fault Zone: Dominated by gouged phyllite with one instance of massive quartz veining (see lithology) - also quartzvein fragments in phyllite gouge gouge does not have a regular foliation (too many coarse fragments) pyrite mineralized throughout with intensity decreasing towards lower fault contact with competent phyllite
131.5	141	FZ	400.0%	BFZ	brittle fault zone that crosses lithological boundaries dominated by low core angle fracture that run parallel to foliation and are generally parallel to subparallel to core axis Generaly no gouge and instead dominated by 1-2cm diameter angular, partially softened crush Some development of gouge in upper phyllite portion of unit Only upper contact is well recovered (see point measurements)
141	151.9	QZVN	300.0%	SHTV	2 generations of low core angle quartz veining densely distributed throughout entire interval. Wallrock is sulfide mineralized. See point measurements - only one opportunity for orientation available in entire interval.
144.84	144.99	FZ	200.0%	BFZ	phyllite interbed with foliation concordant gouge wedge @ centre in QPC
147	150	QZVN	300.0%	SHTV	densely spaced, multiple, ~0.5cm thick white low core angle (10-30TCA) quartz veins in quartz pebble conglomerate with orange-brown iron staining
150	150.32	FZ	400.0%	BFZ	crusshed gouged, iron stained sandstone
152.79	155.4	FZ	200.0%	BFZ	crushed and weakly gouged QPC fragments along low core angle (~35TCA) fractures in quartz pebble conglomerate. ~ 40% crush fragments intermingled with more competent blocks
175.04	186.27	QZVN	200.0%	SHTV	undulated, folded, low core angle quartz veining throughout sandstone unit. Generally 15-30TCA. Also multiple other generations of thin veining - though not mineralized.
190.97	191.47	FZ	200.0%	TVA	chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges
193.06	193.7	QZVN	200.0%		massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour. See point mearsurements for orientaiton of upper contact.
193.7	194.7	FZ	300.0%	bx	crushed, partially gouged sandstone and cohesive brecciated phyllite and sandstone at start of interbedded unit
204.92	207.84	SZ	200.0%	DBSZ	low grade shearing with high degree of sheared pyrite mineralization along foliation in graphitic phyllite unit
213.1	213.93	FZ	200.0%	bx	gouged, cohesive, brecciate phyllite/quartz veining emplaced subparallel to core axis along more competent, graphitic phyllite
214.8	221	FZ	400.0%	BFZ	phyllite with partially brecciated texture with quartz vein clasts and partially gouged with intense pyrite mineralization throughout
225.4	226	FZ	300.0%	BFZ	gouged, weakly cohesive sandstone breccia
254	254.8	FZ	200.0%	DBSZ	soft deformation [low grade shearing] with mulitiple angulated quartz wedges and foliation concordant 3mm thick pyrite stringer foliation.
258.08	258.8	FZ	400.0%	BFZ	crush gouge with litholgical phyllite-sandstone contact @258.7m intensely crushed
274.8	279.64	FZ	200.0%	BFZ	soft deformation: phyllite with strongly developed grooves (gamma = 85 degree) along foliatoin planes and prominent, angular, iron-carbonate wedges that cross-cut foliation, also foliatoin concordant quartz-ankerite veining; pyrite mineralized; both upper and lower contact are sharp and cut off/fault contact units
294.45	294.95	QZVN	300.0%		massive quartz veining with ankerite wedges in phyllite concordant to phyllite foliation

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295.8	296.67	FZ	400.0%	BFZ	gouged phyllite with densely dissmienate pyrite and fragmented quartz ankerite quartz veining
301.85	302.05	FZ	300.0%	BFZ	gouge wedge emplaced @ 80TCA at both upper and lower contacts
343.2	346.46	FZ	300.0%	DBSZ	low grade quartz-ankerite shearing followed by cohesive QPC breccia
346.46	374.54	FZ	400.0%	BFZ	Extensive fault gouge zone that contains both phyllite and sandstone gouge source materials
383.5	386	FZ	200.0%	BFZ	fragmentation, poor recovery and ~40% light grey QPC crush and gouge

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
83.3	90.5	~ 0.5-1% fine-grained disseminated in vein wall rock in QPC	asp	2	vn
83.3	90.5	~0.5% fine-grained disseminated in vein wall rock in QPC	py	1	vn
90.5	100.4	intensity of sulfide mineralization increases towards lower bound of this interval (which is terminated by a fault) - mineralization of pyrite and arsenopyrite is generally fine-grained disseminated and in small blebs in quartz veining and predominant fine-grained disseminated in wallrock of quartz veining. Arsenopyrite mineralization is more frequent than pyrite mineralization	py	3	vn
90.5	100.4	intensity of sulfide mineralization increases towards lower bound of this interval (which is terminated by a fault) - mineralization of pyrite and arsenopyrite is generally fine-grained disseminated and in small blebs in quartz veining and predominant fine-grained disseminated in wallrock of quartz veining. Arsenopyrite mineralization is more frequent than pyrite mineralization	asp	4	vn
100.4	103.04	0.1-1mm diameter disseminated arsenopyrite in brecciated quartz veining above phyllite gouge zone	asp	4	vn
100.4	103.04	0.5-1mm diameter euhedral disseminated pyrite in brecciated quartz veining above phyllite gouge fault	py	3	vn
100.4	103.04	multiple instance of 1mm - 0.1mm specs of gold in angulated, brecciated grey-white quartz clasts in brecciated quartz veining above phyllite gouge zone; gold mineraizsation increases in intensity towards lower contact with fault	Au	2	vn
103.04	110.5	gouged phyllite fault zone containing massive and crushed quartz veining in gouge sulfide mineralization lessens in intensity towards lower fault contact pyrite densely disseminated and also as fold concordant stringers at 104.10m. Mineralization in both vein fragments & phyllite gouge	py	4	perv
103.04	110.5	gouged phyllite fault zone containing massive and crushed quartz veining in gouge sulfide mineralization lessens in intensity towards lower fault contact occasional very fine-grained disseminated pyrite in quartz vein fragments & phyllite gouge	asp	1	perv
110.5	112.6	pyrite stringers, blebs and disseminated pyrite in thin quartz veinlet near upper contact of phyllite of unit that bounds and mineralized brittle fault	py	2	vn
112.6	131.5	~0.05% very fine-grained disseminated pyrite visible throughout in silt interbedding lamellae; occasional pyrite blebs and stringers in quartz veining (see point structures)	py	1	diss
131.5	133	massive pyrite stringers in quartz veining in gouged, faulted phyllite	py	3	vn
138	141	1-2mm grains of disseminated arsenopyrite in quartz veining in brittle fault zone: veins appear to undulate subparallel to core axis	asp	1	vn
141	150	~0.5% fine-grained disseminated arsenopyrite in wallrock of sheeted low core angle veins	asp	3	vn
141	150	~0.3% fine-grained disseminated pyrite in wallrock of sheeted low core angle veins	py	2	vn
150	151.9	~ 0.2% fine-grained disseminated pyrite in QPC matrix with minor low core angle quartz veining	py	1	diss
151.9	153.02	very fine-grained disseminated pyrite in phyllite interbedding	py	1	diss
153.02	159	fine-grained disseminated pyrite in rock matrix - possilble wallrock association with veining	py	1	diss
157.6	159	small bleb in undulated, low core angle, ~1cm thick quartz veining	py	1	vn

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From:	To:	Comments	Mineral	Percent	Distribution
157.6	159	small bleb in undulated, low core angle, ~1cm thick quartz veining	gn	1	vn
171	175.04	fine-grained (<0.5mm), disseminated pyrite in grey silt interbedding that increases locally at lower lithological contact of phyllite due to healed slip fault seam	py	1	diss
175.04	186.27	minor, very fine-grained, disseminated pyrite in wallrock of quartz veining	py	1	vn
180.8	180.98	sheeted quartz-pyrite stringer veinlets in phyllite wedge within sandstone unit; cut-off by faulted, competent lithological contacts	py	20	vn
186.27	193.06	fine-grained disseminated in veining + as wallrock mineralization also very fine-grained disseminated pyrite visible in silt interbedding independent of veining Quartz veining occurs predominantly as milky white 1-4cm thick, 30-40TCA veins (Generation 2) throughout. However other generations are present. Vein mineralization occurs predominantly in thin <0.5cm thick, slight diffuse, intensely angulated 5-15TCA veinlets (Generation 1) that are cross-cut by steeper core angle Generation 2 veinlets.	py	2	vn
193.7	204.92	fine-grained disseminated in thin silt interbedding as well as foliation concordant, partial stringers in silt-phyllite-fine-grained sandstone interbedding	py	2	fol
198	198.3	pyrite blebs in low core angle quartz veining [see point measurements]	py	4	vn
198	198.3	blue-purple covellite coating pyrite in low core angle quartz veining [see point measurements]	co	4	vn
204.92	207.84	sheared, flattened pyrite along foliation in Graphitic Phyllite as well as partial foliation concordant stringers	py	4	fol
207.84	211.6	some fine-grained disseminated pyrite in foliation concordant quart seams near gradational cotnacts of phylllite unit	py	1	vn
211.6	213.93	1-2% pyrite in stringers and blebs in thin, dusty white quartz veinlets in graphitic phyllite unit	py	3	vn
213.93	214.8	very fine grained disseminated in possible diorite dyke	py	1	diss
214.8	221	disseminated, blebs and partial stringers in brecciated, folded and or/boudinaged dusty white quartz veinlets in phyllite within brittle deformation fault zone	py	4	vn
221	243	1-2% pyrite as partial stringers, blebs and small clusters in occasional vuggy, variable orientation, low core angle, densely spaced quartz veining in weakly silicified sandstone mineralization intensifies after 231.3 due to intense quartz vein stockwork with somewhat diffuse vein boundaries	py	4	vn
227.7	228	small galena cluster in 60 TCA quartz vein (also with pyrite mineralization)	gn	2	vn
227.7	227.72	galena bleb in 1.5cm thick, 62TCA, milky white quartz vein	gn	3	vn
228.4	228.5	sphalterite & pyrite bleb in 40TCA, 10cm thick quartz vein	sl	2	vn
236.5	238.5	occassional very fine grained, disseminated aresenopyrite in quartz veining	asp	1	vn
243	246.97	0.3 % sheared pyrite, flattened along foliation and in predominantly foliation concordant quartz veining	py	1	fol
246.97	258.7	generally trace amounts disseminated along foliation and in dominantly foliation concordant quartz veining	py	1	fol
254	254.8	soft deformation [low grade shearing] with mulitiple angulated quartz wedges and foliation concordant 3mm thick pyrite stringer foliation.	py	4	fol
258.7	269.82	0.5% pyrite disseminated in quartz veining and wallrock	py	2	vn
269.82	270.7	trace, very fine-grained disseminated pyrite	py	1	diss
270.7	274.8	trace, very fine-grained disseminated pyrite	py	1	diss
274.8	279.67	0.8% pyrite as clustered and disseminated in phyllite-quartz-ankerite soft deformation zone	py	3	diss
279.67	291.2	~0.6% pyrite disseminated and clustered in quartz veining in sedimentary succession with mineralized quartz veining in all units. Also as disseminated wallrock mineralization.	py	2	vn
290	290.25	pyrite-galena intergrowth cluster in stockworked veining	gn	3	vn
291.8	295.8	some in (foliation concordant veining)	py	1	vn
295.8	297	densely disseminated in fault gouge and bounding competent wallrock	py	4	diss

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60	270	386					

From:	To:	Comments	Mineral	Percent	Distribution
297	303.2	~0.3 pyrite in partially penetrative stringers in thin foliation concordant vein seams	py	1	vn
303.2	311.7	~0.1% pyrite trace pyrite mineralization as singular up to 2mm diameter grains in wall rock as well as some denser dissemination along fractured vein boundaries and occassional euhedral blebs in vuggy quartz veins	py	1	vn
311.7	336.5	~0.2% trace fine-grained disseminated pyrite in quartz veining and wallrock + rare blebs	py	1	vn
336.5	343.2	1-2% sheeted clusters in variable core ange densely spaced, diffuse quartz veining, vein intensity and mineralization lessens in downhole direction	py	4	vn
343.2	346.46	~0.2% fine grained disseminated pyrite	py	1	vn
346.46	374.54	very fine-grained disseminated pyrite discernible in fault gouge (from time to time)	py	1	gouge

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
6	Bedding		So			51			compositional bedding in phyllite
10	Bedding		So			48			compositional bedding in phyllite
14	Bedding		So			47			compositional bedding in phyllite
14	Veins			fecb	SHTV	36			1mm thick iron stained tightly spaced veinlets [foliation discordant]
15.5	Veins			fecb	SHTV	55			vuggy (<3mm thick) multiple, parallel, quartz-iron-carbonate veinlets [foliation concordant]
15.5	Bedding		So			55			foliation in phyllite
17	Bedding		So			52			compositional bedding in phyllite
17.5	Veins					68			foliation concordant, buff-orange, 3cm thick quartz vein - generall devoid of vugs
18.9	Veins					45			2-3 vuggy 6cm thick quartz veins - in fragmented interval (18.9-19.4m)
19.7	Bedding		So			35			upper fold limb
19.8	Veins				AXP	46			quartz seams bisecting fold profiles with 3cm wavelength interlimb angle ~120 degree
19.9	Bedding		So			23			lower fold limb
21.2	Bedding		So			20			open fold profile with ~160 degree interlimb angle
21.5	Cleavage		S1			42			cleavage parallel to axial plane of open fold profiles
22.8	Cleavage		S1			69			in phyllite
22.8	Bedding		So			40			compositional bedding in phyllite
23	Faults				Gouge	30			about 6cm gouge wedge emplaced in phyllite @ 30TCA
23.8	Faults				Gouge	45			poorly recovered gouge wedge emplaced in phyllite along 45TCA
25	Veins				SHTV	45			multiple parallel thin, 1mm thick, dusty white quartz seams
25.1	Bedding		So			35			foliation in phyllite
25.1	Veins					39			foliation discordant, 2cm thick, buff-orange, quartz vein with only minor vugs
26	Bedding		So			45			compositional bedding in phyllite
27	Veins				FOL	40			folation concordant, (partiall flexing/folded), 1mm thick quartz seams
27	Bedding		So	ser		40			seriticized, flexing foliation in phyllite
27	Veins				SHTV	40			folation concordant, (partiall flexing/folded), 1mm thick quartz seams
29.5	Bedding		So			45			compostional bedding in phyllite
29.88	Veins								partially recovered quartz vein; upper contact with phyllite sharp but irregular, non-planar and undulated; lower contact fragmented

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
32	Veins			ser	Gouge				crushed sericitized phyllite @ vein contact
33	Bedding		So	ser		55			foliation in phyllite
33	Veins			fecb	FOL	55			vuggy <0.5cm thick, foliation concordant quartz-iron-carbonate veinlets
33	Veins			fecb	SHTV	55			vuggy <0.5cm thick, foliation concordant quartz-iron-carbonate veinlets
35	Bedding		So			50			foliation in phyllite
35.2	Faults		So		Gouge	51			gouged fragmetns along folation - possibly a larger feature - core loss
36.3	Veins			chl		85			multiple, foliation discordanat grey-green quartz-chlorite veinlets
38.3	Bedding		So			49	238		compositional bedding in phyllite
39.4	Veins					18			multiple, dusty-grey, folded , <3mm thick quartz carbonate veinlets [discordant to foliation] acute intersection angle with foliaton 55 degree
41.9	Lineation			fecb		35		30	foliation discordant quartz-iron-carbonate veinlets with strongly developed grooves
41.9	Veins			fecb		35		30	foliation discordant quartz-iron-carbonate veinlets with strongly developed grooves
44.08	Faults				FOL	39			gouge coating and core loss along foliation cleavage
44.08	Faults				Gouge	39			gouge coating and core loss along foliation cleavage
45.22	Bedding		So			40			foliation cleavage in phyllite
45.22	Veins	38				30			1cm thick, white, foliation discordant quartz vein
46.31	Veins				AXP	75			vuggy quartz veinlet bi-secting fold profile parallel to axial plane
47.61	Veins	38			FOL	51			foliation concordant quartz-carbonate seams in phyllite
47.61	Bedding		So			51			foliation in phyllite
49.1	Bedding		So		Gouge	50			brecciated (gouge matrix), poorly recovered fragments along foliation
51	Bedding		So			54	272		foliation in phyllite
54	Bedding		So			48			foliation in phyllite
56.4	Veins				FOL	48			3cm thick, foliation concordant quart-iron-carbonate vein
56.85	Veins					46			foliation discordant, 3mm thick, quartz-carbonate vein
57	Bedding		So			49			bedding in phyllite
58.34	Bedding		So			55			bedding in phyllite
59.34	Bedding		So			46			foliation in phyllite, flexing/folded
59.34	Veins					42			foliation concordant, flexing/folded, vuggy quartz-carbonate veinlet (~3mm) acute intersection angle with foliation ~30 degree
60.4	Bedding		So		bx matrix	50			gouged shattered cohesive fragements along foliation [core loss]
62.8	Bedding		So			45	230		foliation in phyllite
63.1	Veins				SHTV	30	95		multiple, tightly folded (wavelength 0.5cm), quartz-carbonate seams in phyllite
63.4	Bedding		So		fecb	48	50	60	phyllite foliation cleavage with strong grooved foliation and iron staining
63.5	Veins				SHTV	63	60		two 3-10cm thick closely spaced buff-orange quartz veins with grey-green chlorite seams
67.16	Bedding		So			35			foliation in phyllite
67.16	Veins					40			0.5cm thick quartz-carbonate veinlet in phyllite; foliation discordant; acute intersection angle with foliation: 60 degree
69.25	Faults				Gouge	50			core loss and gouge coating along smooth 50TCA open feature - repeating orientation for mechanical breaks (possibly S1?)
70.45	Bedding		So			39			bedding in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
72	Bedding		So			30	205		foliation fabric in phyllite
72	Cleavage		S1			58	220		repeated mechanical, smooth cleaving along this orientation
75	Bedding		So			25			
77.6	Lineation					68		10	bedding cleavage with strong grooving along smooth cleavage
77.6	Veins			fecb		40			vuggy, ~3cm thick quartz vein
77.6	Bedding		So			68		10	foliation cleavage with strong grooving along smooth cleavage
77.85	Faults			fecb	Gouge	27			5cm thick gouged, low core angle quartz vein
78	Bedding		So			74			foliation in phyllite, steepened after narrow, low core angle fault
78	Veins				SHTV	80			1mm -2cm thick multiple parallel, vuggy, quartz-carbonate veins that intersect foliation at an acute angle of about 20 degrees (subparallel to foliation)
81	Bedding		So			46			bedding in phyllite
82.7	Veins				FOL	52			foliation concordant quartz seams
82.7	Bedding		So			29			bedding in phyllite
83.1	Faults			fecb	Gouge	49			gouged, slip-faulted lithological phyllite to QPC contact, ~20cm thick
83.1	Contact			fecb	Gouge	49			gouged, slip-faulted lithological phyllite to QPC contact, ~20cm thick
83.7	Bedding		So	fecb	fecb	50			foliation in QPC with weakly brecciated texture
83.95	Contact					55	75		10cm thick phyllite wedge in weakly brecciated QPC with phyllite vein seams terminated by contact
86.4	Veins				SHTV	85	345		several parallel hight core angle quartz veins
87.23	Bedding		So			70			
87.74	Veins					50			arseonpyrite mineralized, flex folded , foliation concordant, 8cm thick quartz vein
88.6	Veins				SHTV	75			Generation 2 vein at this depth (cross-cuts Generation 1 --- with mineralized boundaries
88.6	Veins				SHTV	50			Generation 1 vein at this depth point - several 0.5cm thick veins - mineralized wall rock
91.5	Bedding		So			65			foliation in QPC with weak chloritization - expressed as thin wispy, aligned lamellae
94.4	Veins				SHTV	39	280		2 parallel 15cm thick, mineralized quartz veins
95.55	Veins		V1			42	300		Generation 1 vein; foliation discordant, mineralized wallrock
95.55	Veins		V2			80	330		Generation 2 vein; foliation discordant; wallrock mineralization; crosscuts Generation 1
95.55	Bedding		So			50	290		
95.74	Bedding		So			50	340		
95.74	Veins				SHTV	50	340		several foliation concordant, sulfide mineralized 3-15cm thick quartz veins
96.5	Veins					40	60		over 1 m several late generation, sulfide mineralized veins that cross-cut earlier blurred and boudinaged veining
97.57	Bedding		So			85	340		aligned chlorite lamellae
98	Veins				SHTV	78	270		mineralized vein trend in QPC - sometimes foldes flexed - blurry boundaries and with chlorite lamellae; 1-8 cm thick
99.52	Veins		V2		SHTV	30	300		Generation 2 mineralized vein trend
99.52	Veins		V1		SHTV	75			Generation 1 vein trend
99.7	Bedding		So			72	10		chlorite lamellae forming foliation in QPC with densely distrubited mineralized, blurred quartz boudins
100.4	Faults				Gouge	53	320		10cm thick gouge fault bounding hard, competent, well recovered rock - gold mineralizing structure
100.7	Bedding		So			71	270		alignement of chlorite lamellae & quartz wedges in gold minealized zone

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
102.3	Bedding		So			69	310		alignement of chlorite lamellae & quartz wedges in gold minealized zone
102.9	Lineation					56		55	joints: planar smooth, polished hard joint with strongly developed grooves (slickensiding) near fault contact
102.9	Joints					56		55	planar smooth, polished hard joint with strongly developed grooves (slickensiding) near fault contact
103.04	Contact			chl		70			sharp contact of cohesive, gold mineralized quartz veining with phyllite gouge
104.1	Axial Plane		F1			80			open fold profile with concordant pyrite stringers & quartz vein wisps
110.5	Veins								pyrite blebs and stringers associated with multiple random (partially boudinaged) quartz seams near fault contact in phyllite
111.1	Veins					43			1cm, folded, pyrite stringer mineralized quartz veinlet
111.3	Veins					40			multiple parallel quartz seams over 4cm
111.9	Veins				AXP	40			multiple densely space quartz seams parallel to axial planes of closed micro (parasitic) folds with 1-2cm wavelength
111.9	Bedding		So			15			load structures in original bedding visible in silt interbedding
112.25	Bedding		So			25			in folded, foliated phyllite
112.25	Cleavage		S1			40			in folded, foliated phyllite
112.6	Joints			fecb	Open	32			singular, about 4cm width of softened, iron-stained phyllite fragments along open joint
113.5	Veins				SHTV	30			several 0.5 cm thick folded quartz veinlets
114	Bedding		So			35			closed, 4cm wavelength folding
114	Cleavage		S1			55			closed , 4cm wavelength folding
116.36	Veins				AXP	50	330		densely packed quartz seams that run paralle to axial plane of surrounding fold profiles
116.36	Veins				SHTV	50	330		densely packed quartz seams that run paralle to axial plane of surrounding fold profiles
117	Veins				AXP	55	50		cleavages along quartz seams that run parallel to axial planes of visible fold profiles in this oriented interval
117	Bedding		So			55	144		
117.45	Cleavage		S1			52	60		
117.45	Bedding		So			55	310		
117.45	Veins				BOUD	15	220		2 low core angle vein boudins in phyllite
118.55	Bedding		So			45	325		
118.55	Veins				SZB	27	220		2 closely spaced veins with multiple tension branches
118.97	Bedding		So			80			
118.97	Faults				Gouge	70			crushed fragments with fine-grained disseminated pyrite
120.44	Veins				Gouge	26			multiple parallel quartz seams in enclosed in 8cm thick gouge wedge
121	Bedding		So			70			bedding in phyllite
121	Faults					38			2 parallel quartz seams that off-set So by 1.5cm
123.98	Veins			chl	Gouge	23			singular boudinaged low core angle quartz vein that has gouge at upper contact and is terminated by gouge along foliation at foliation cleavage; (contains small pyrite cluster)
124.22	Bedding		So		Gouge	71			about 0.5cm gouge coating along foliation cleavage
126.33	Bedding		So		Gouge	55			3cm gouge wedge along foliation
126.5	Veins				SHTV	35			several ankerite-quartz veins that cross-cut So @ an acute angle of ~20 degree
126.6	Bedding		So			68			in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
127.3	Bedding		So			85			
127.3	Cleavage		S1			60			
127.54	Bedding		So			67	180		
127.54	Bedding		So			55	240		
129.3	Veins			chl	SHTV	36			multiple, densely spaced (folded) vein seams with grey-green chlorite seams
130.75	Cleavage		S1			55			
130.9	Veins				SHTV	30			localized sheeted vein seams
131.5	Faults				Gouge	70			gouged fault contact - possibly concordant to S1
131.9	Veins			py	Gouge	25			gouged low core angle quartz vein with 0.5cm thick pyrite stringer in gouged phyllite
133	Bedding		So			75			phyllite bedding
133.51	Bedding		So			15			QPC
135	Bedding		So			15			QPC
136	Bedding		So			10			QPC
136.5	Veins				FOL	25			well developed cleavage in large quartz vein fragment in fault zone
138.2	Veins					36			6cm thick quartz vein in coarser QPC fragment in fault zone
138.52	Bedding		So			10			
138.6	Veins		V2			40			2cm thick Generation 2 quartz vein in fault zone in QPC
138.6	Veins		V1			55			0.5 cm thick Generation 1 quartz vein in QPC
141	Bedding		So			74			Foliation in silt/phyllite interbed @ upper contact of QPC unit
141.3	Contact				FOL	74			30cm silt/phyllite interbed from 141-141.30m at beginning of QPC unit following fault structure. Upper contact is fragmented. Lower contact is sharp and strong with smooth competent transtion into QPC and concrdant to interbed foliation.
141.35	Bedding		So	chl		60			weak alignment of chlorite lamellae in QPC
142.3	Bedding		So	chl		40			weak alignment of chlorite lamellae in QPC
143	Veins		V2		SHTV	5			Generation 2 sheeted vein pattern - boudinaged, folded/undulated wisps troughout that cross-cut Generation 1
143	Veins		V1		SHTV	20			Generation 1 sheeted vein pattern: multiple, densely spaced <0.5cm thick veins
144.84	Contact				FOL	75			phyllite wedge sharp contact with QPC and concordant to phyllite foliation
144.9	Bedding		So		Gouge	74			3cm thick gouge wedge along foliation in phyllite interbed
144.99	Contact				FOL	74			phyllite wedge sharp contact with QPC and concordant to phyllite foliation
146.2	Bedding		So	chl		50			weak alignmet of chlorite lamellae in QPC
147	Veins		V1			5	245		Generation 1: crosscut by Generation 2
147	Veins		V2			16	40		Generation 2: crosscuts Generation 1
149.8	Veins				SHTV	30			sheeted vein trend in QPC
149.8	Bedding		So	chl		63			alignment of chlorite lamellae
150	Faults				Gouge	70			32cm of crushed, softened QPC along 70TCA @ lower contact (smooth); upper contact poorly recovered
151.9	Contact				FOL	75			QPC-Phyllite contact concordant to foliation
152	Bedding		So			70			foliation in phyllite-silt interbedding
153.02	Contact				FOL	80			QPC-Phyllite contact concordant to phylite foliation

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
153.79	Contact				FOL	80			QPC-Phyllite wedge contact concordant to Phyllite foliation
153.86	Contact					70			Phyllite wedge in contact with broken deformed QPC
156	Veins				SHTV	26			diffuse, milky grey sheeted vein seams
157.43	Bedding		So			65			foliation in interbedded phyllite wedges over 15cm
157.43	Contact				FOL	65			multiple phyllite wedges interbedded concordant to phyllite foliation over 15cm distance
161.8	Contact				FOL	65	190		lower contact of approximately 20cm long Silt-Phyllite interbed; concordant to interbed foliation
162.55	Veins					40	25		not cross-cut
162.6	Veins		V2			35	340		Generation 2 - boudinaged
162.6	Veins		V1			12	260		Generation 1
164	Veins					10	270		long running 1.5cm thick quartz vein that undulates at low core angle
164.6	Veins		V1			30	75		Generation 1: ~0.5cm thick
164.6	Veins		V2			15	70		Generation 2: ~0.5cm thick; cross-cuts Generation 1
165.66	Contact					50			QPC-grading to sandstone @ contact with phyllite; concordant to phyllite foliation; several phyllite wedges above contact
165.67	Bedding		So			50			foliation in Phyllite
167.76	Veins			chl	bx matrix	75	210		multiple brecciated quartz and grey-green chlorite wedges in phyllite @ high core angle over narrow 10cm interval
168	Bedding		So			75	225		in phyllite
169.98	Veins			chl	bx matrix	70			multiple brecciated quartz and grey-green chlorite wedges in phyllite @ high core angle over narrow 10cm interval subconcordant to foliation
170	Bedding		So			65			in phyllite
172	Bedding		So			60			in phyllite
173.6	Bedding		So			48			in phyllite
173.6	Contact				FOL	48			20cm silt-sand interbed in phyllite (foliation concordant)
173.7	Veins					52			folded, 1cm thick veinlet that penetrates through phyllite-silt/sand interbed contact
174	Bedding		So			65			phyllite-silt interbedding
174	Faults				TVA	25			low core angle tension vein array over 10cm offsetting silt interbed by ~2cm
175.04	Faults					58			contact between phyllite and coarse-grained sandstone that cuts/terminates quartz vein in sandstone; Faulting only indicated by vein cut-off and sharp lithological transition [healed and cohesive]
175.04	Veins		V1			20			Generation 1 vein in sandstone cut-off by lithological contact with above lying phyllite
175.04	Contact					58			contact between phyllite and coarse-grained sandstone that cuts/terminates quartz vein in sandstone; Faulting only indicated by vein cut-off and sharp lithological transition [healed and cohesive]
175.06	Veins		V2			40			Generation 2 vein cross-cutting Generation 1 in sandstone
175.07	Joints				fecb	23			fairly smooth iron-stained low core angle fracture near (faulted) lithological contact
175.5	Veins			fecb	SHTV	50			1cm thick, parallel quartz veinlets with iron-carbonate patches
175.9	Contact					55			5cm phyllite wedge concordant to phyllite foliation in sandstone unit
176.14	Contact			ser		43			2mm thick phyllite seam in veined sandstone with densely dissemianted peraly, vitreous musconvite in phyllite
180.8	Veins				SHTV	15			sheeted quartz-pyrite stringer veinlets in phyllite wedge within sandstone unit; cut-off by faulted, competent lithological contacts

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
180.8	Contact				FOL	56			~20cm thick phyllite wedge inserted by healed slip faulting; contains low core angle pyrite stringer veinlets that are cut off by contacts with sandstone above and below. Both contacts are sharp and competent. 180.8-180.98
180.8	Faults				FOL	56			~20cm thick phyllite wedge inserted by healed slip faulting; contains low core angle pyrite stringer veinlets that are cut off by contacts with sandstone above and below. Both contacts are sharp and competent. 180.8-180.98
180.98	Contact					40			~20cm thick phyllite wedge inserted by healed slip faulting; contains low core angle pyrite stringer veinlets that are cut off by contacts with sandstone above and below. Both contacts are sharp and competent. 180.8-180.98m
180.98	Faults					40			~20cm thick phyllite wedge inserted by healed slip faulting; contains low core angle pyrite stringer veinlets that are cut off by contacts with sandstone above and below. Both contacts are sharp and competent. 180.8-180.98m
181	Veins				SHTV	25			long-running, folded, ~2.5cm thick quartz vein, which is part of a late generation, low core angle, undulated vein set
183.6	Joints			fecb	SHTV	15			natural iron-stained, clay-coated fractures along vuggy low core angle quartz veining
187.97	Veins					15			pyrite mineralized, thin, boudinaged (non-penetrative), folded/undulated, ~0.4cm thick pyrite mineralized quartz veinlets
188	Bedding		So			75			bedding in siltstone
189.2	Faults				Gouge	40			slip faulted contact between grey-green chlorite altered sandstone interbed & phyllite, veining in sandstone is terminated by phyllite Contact is pyrite mineralized on both sides and phyllite is partially gouged with about 5cm of phyllite gouge. [Sandstone above & phyllite below.]
189.25	Contact					76			189.25-189.45m: possible dyke? Either black sandstone with aligned white feldspar, or dyke with feldspar phenocyrsts. Contains round xenolith (?) of light grey, fine-grained sandstone however contains some low core angle quartz veining that crosscuts both the possible dyke and the surrounding sedimentary rock (phyllite). Upon microscope examination: feldspars appear too rounded for phenocrysts
189.6	Veins					17			terminated pyrite mineralized vein in chloritized sandstone interbed
189.6	Bedding		So			52			bedding in phyllite
190.97	Contact			chl		75			chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges
190.97	Faults			chl		75			chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges
191.47	Contact			chl		67			Lower contact: chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
191.47	Faults			chl		67			Lower contact: chloritized sandstone with sharp contactcs and a multitude of quartz veining that are cut-off at ends of interval. Stockworked by veining -- about 70% quartz also contains angular phyllite wedges
192	Bedding		So			70	210		flexing bedding in phyllite
192	Veins				SHTV	70	210		flexing/folded, foliation concordant veins in phyllite
192.43	Veins					40	220		foliation discordant quartz veinlet in phyllite
192.94	Veins		F1	fecb		15	235		1.5cm thick vein that bisects 3cm wavelength fold profiles in phyllite
192.94	Bedding		So			45	140		3cm wavlength folds with peak-to-peak along So
192.94	Veins				AXP	30	250		thin quartz seams along axial planes of 3cm wavelength folds with peak-to-peak along So
193.06	Veins			chl	MASS	35	225		Upper contact of massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour.
193.06	Contact					35	225		Upper contact of massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour.
193.7	Contact					50			Lower contact of ~60cm thick massive white quartz vein with 3% buff ankerite patches and green chlorite and black phyllite wedges at both contact. Milky white colour.
195	Bedding		So			80			phyllite
195.5	Bedding		So			80			phyllite
197	Bedding		So			74			phyllite-silt interbedding
198	Veins				SHTV	30	355		in sandstone interbed in form of subparallel ~2cm thick, milky white quartz veins (no vugs/no mineralization)
199	Bedding		So			50	235		interbedding
202.5	Bedding		So			55			foliation in phyllite
204	Bedding		So			75	200		foliation in phyllite
204.92	Bedding		So			60	250		bedding with concordant tension cracks in phyllite
204.92	Cleavage		Ssh			40	170	0	low grade shearing in graphitic phyllite
206	Cleavage		Ssh			39		0	low grade shearing in graphitic phyllite with concordant massive quartz veining
206.8	Cleavage		Ssh			30		0	low grade shearing with concordant veining in graphitic phyllite
207.7	Veins				FOL	20			concordant to Ssh: low grade shearing with with densely packed concordant veining in graphitic phyllite
207.7	Cleavage		Ssh			20		0	low grade shearing with concordant veining in graphitic phyllite
207.7	Veins				SHTV	20		0	low grade shearing with with densely packed concordant veining in graphitic phyllite
208.34	Bedding		So			29		0	bedding in phyllite
208.36	Faults					29			36TCA mineralized quartz vein in sandstone cut-off by upper contact with phyllite; acute 50 degree intersection angle between vein and contact with phyllite
208.36	Contact					29		0	4cm thick light grey sandstone interbed in phyllite
208.36	Veins					36		0	36TCA mineralized quartz vein in sandstone cut-off by upper contact with phyllite; acute 50 degree intersection angle between vein and contact with phyllite
211	Bedding		So			58		0	foliation in phyllite
211.6	Veins				SHTV	35		0	foliation concordant sheeted (folded and/or boudinaged) densely spaced, pyrite mineralized quartz veinlets

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
211.6	Veins				SHTV	35			foliation concordant sheeted (folded and/or boudinaged) densely spaced, pyrite mineralized quartz veinlets
211.7	Bedding		So			35		0	in graphitic phyllite
213	Faults				bx matrix	10		0	brecciated quartz & phyllite fragments in soft matrix emplaced subparallel to core axis [possible fold hinge]
213.75	Cleavage		So			60		0	in phyllite near dyke contact
213.95	Veins					10		0	veining in dyke
213.95	Contact					85		0	upper contact of possible dyke that cuts of vein in dyke
214.18	Faults					85		0	low core angle vein off-set within dyke
214.3	Cleavage		Sx			10		0	foliation in possible dyke [possible open fold hinge]
215	Axial Plane					40		0	fold axial plane of tight 4cm wavelength folds in phyllite
215.2	Cleavage		S1			45		0	parallel to axial plane
218.8	Contact					70		0	lower contact of possible dyke
220.5	Bedding		So			45		0	in phyllite
226.5	Faults				Gouge	35		0	10cm thick, partially gouged phyllite wedge in sandstone
226.66	Bedding		So			35		0	foliation in gouged phyllite wedge
227.7	Veins			gn		62		0	galena bleb in 1.5cm thick, milky white quartz vein
228.4	Veins			sph		40		0	sphalerite & pyrite cluster in 5cm thick quartz vein
229	Veins			py		30		0	pyrite cluster in 1cm thick, slightly vuggy quartz veining
230.5	Veins				SHTV	20		0	multiple thin, paralell (<0.5cm thick) quartz seams
234.4	Faults				Gouge	40			gouge and fragmentation along upper contact of 1.5cm thick black, mineralized phyllite wedge in sandstone
234.4	Contact				Gouge	40		0	gouge and fragmentation along upper contact of 1.5cm thick black, mineralized phyllite wedge in sandstone
235.8	Contact				FOL	57		0	10cm thick, foliated phyllite wedge in sandstone Contacts do not appear faulted, are concordant to phyllite foliation and quartz veining intersects both phyllite and locally very fine-grained sandstone.
235.9	Bedding		So			40		0	bedding in phyllite wedge
236.3	Veins				bx matrix	30		0	breccia textured, pyrite mineralized quartz vein (2cm thick) with angular phyllite clast inclusions; vein is late stage -- cross-cuts several other vein sets
236.5	Contact					50		0	1cm thick, pyrite clustered, 50TCA, black phyllite wedge [fragmented]
242.8	Veins					35		0	massive, 10cm thick, pyrite mineralized quartz veing
243	Contact					60		0	sharp contact between light grey, medium-grey sandstone and black folation phyllite; pyrite stringer mineralization concordant to contact
243.5	Bedding		So			50		0	bedding in phyllite
244.5	Contact				FOL	50		0	phyllite-sandstone interbed contact concordant to phyllite foliation [uc of sandstone]
245.25	Contact				FOL	45		0	phyllite-sandstone interbed contact concordant to phyllite foliation
245.3	Bedding		So			50		0	bedding foliation in phyllite
245.3	Veins				SHTV	50		0	foliation concordante quartz veinlets
245.3	Veins				FOL	50			foliation concordante quartz veinlets
246.82	Bedding		So			30		0	foliation in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
246.82	Contact				FOL	30		0	upper contact of sandstone interbed concordant to phyllite foliation
246.85	Cleavage		Sx			0		0	alignment of feldspar clasts in sandstone interbed [fold hinge?]
246.97	Contact				FOL	35		0	lower contact of sandstone interbed concordant to phyllite foliation
246.97	Bedding		So			35		0	bedding in phyllite
247.24	Veins				TVA	40		0	several tension vein array concordant to foiation
247.24	Veins				FOL	20			several tension vein array concordant to foiation
248	Bedding		So			50		0	bedding in phyllite
250.2	Veins					20		0	4mm thick foliation discordant quartz veinlets
250.5	Bedding		So			28		0	foliation in phyllite
252.8	Contact				FOL	45		0	upper contact of sandstone interbed concordant to phyllite foliation
253.13	Contact				FOL	45		0	lower contact of sandstone interbed concordant to phyllite foliation
253.4	Bedding		So			40		0	upper limb of open fold profile
253.5	Bedding		So			45		0	foliation in phyllite
253.7	Bedding		So			40		0	hosts parasitic fold
253.7	Axial Plane		Fx			28		0	closed fold profile (parasitic)
253.88	Bedding		So			32		0	lower limb of open fold profile
255.3	Bedding		So			28		0	foliation in phyllite
255.9	Veins			py	FOL	30			2 foliation concordant pyrite mineralized quartz veinlets
255.9	Veins			py	SHTV	30		0	2 foliation concordant pyrite mineralized quartz veinlets
256.6	Bedding		So			32		0	bedding foliation in phyllite
268.25	Cleavage		Sx			55		0	possibly alignment due to alteration fluid influx
268.48	Veins			chl	SHTV	45		0	densely spaced milky white, 0.5-5cm thick quartz veins wit aligned grey-green chlorite wedges and sheets subconcordant to apparent foliation pyrite mineralization along thin chlorite sheets
268.82	Contact					60	268	0	sharp contact between sandstone and phyllite
268.82	Veins					45	205	0	two quartz veinlets that cross-cut lithological contact
268.82	Bedding		So			60		0	foliation in phyllite
269.1	Veins			chl	SHTV	35	175	0	Alignment of chlorite seams in semi massive quatz veining with fine-grained disseminated pyrite
269.9	Cleavage		Sx			58		0	foliation (possibly due to alteration fluid influx) with concordant veinlets
269.9	Veins			V1	FOL	58		0	foliation concordant veinlets
269.9	Veins			V2		40		0	two late stage quartz veinlets that cross-cut earlier foliation concordant veinlets
270.65	Bedding		So		Gouge	80		0	foliation in gouged phyllite
270.7	Faults				Gouge	85		0	gouged phyllite contacting sandstone and cutting off quartz veining in sandstone
270.7	Contact				Gouge	85		0	gouged phyllite contacting sandstone and cutting off quartz veining in sandstone
270.75	Bedding		So			50		0	foliation in sandstone
271.5	Bedding		So					0	chloritized alignment
271.63	Veins		V2		SHTV	40	240	0	late stage veining
271.63	Veins		V1		SHTV	20	240	0	early stage veining (cut off by late stage)
273	Veins				SHTV	30	255	0	
273.3	Veins			ank		60	265	0	buff ankerite seam

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
273.5	Bedding		So			30	255	0	
273.8	Veins			ank	SHTV	60	120	0	multiple buff ankerite seams
274.8	Contact					48		0	upper, very sharp contact of iron-carbonate altered phyllite with low strain texture (soft deformation)
275.4	Axial Plane		Fx			25		0	4cm wavelength, open low amplitude fold profiles
275.5	Cleavage		S1			15		0	
275.96	Faults				Gouge			0	light grey, fine-grained, gouge-clay wedge in phyllite soft deformation zone
279.67	Faults					45		0	faulted, competent, sharp contact between soft deformatin phyllite and quartz veining
279.9	Bedding		So			20		0	with concordant veining
279.9	Veins			ank	FOL	20		0	foliation concordant quartz veining
281.17	Contact			ank		50		0	sharp contact between veining and iron-carbonate wedges in phyllite
281.4	Axial Plane		Fx			38		0	axial plane in doubly folded F2 isoclinal fold profile
281.6	Bedding		So			45		0	in phyllite
281.6	Veins				BOUD	45		0	tightly folded, boudinaged, foliation concordant vein in phyllite (pyrite mineralized)
281.9	Bedding		So			40	220	0	foliation in silt-sand interbedding
282.73	Bedding		So			25	280	0	in phyllite
282.73	Contact				FOL	25	280	0	contact between sandstone and phyllite concordant to phyllite foliation
283	Veins			ank	SHTV	55		0	late stage buff ankerite seams in QPC interbed that cross-cut contact between QPC and cross-bedded sandstone
283.2	Bedding		So			55		0	in sand-silt interbedding
283.54	Contact					49		0	sharp, competent contact between QPC and black cross-bedded sandstone
285.5	Bedding		So			35		0	in phyllite-silt interbedding
289	Veins		V2		SHTV	20		0	Generation 2 (off-sets) Generation 1 Generation 2 is pyrite cluster mineralized
289	Veins		V1		SHTV	55		0	Generation 1
291.8	Contact				Gouge	58		0	thin gouge coating along phyllite foliation that forms contact between QPC (above) and Phyllite
291.8	Faults				FOL	58			thin gouge coating along phyllite foliation that forms contact between QPC (above) and Phyllite
291.87	Bedding		So		Gouge	74		0	thin gouge coating on smooth cleavage (aligned with chlorite lamellae) in sandstone interbedding
291.9	Bedding		So			58		0	in phyllite
295.74	Faults				Gouge	55		0	gouge coating along phyllite foliation cleavage in sharp contact with QPC wedge
295.75	Bedding		So			55		0	bedding in phyllite wedge
295.8	Faults				Gouge	50		0	upper Fault contact concordant to phyllite foliation
295.8	Faults				FOL	50			upper Fault contact concordant to phyllite foliation
296.67	Faults				Gouge	50		0	lower Fault contact subconcordant to phyllite foliation below
297.5	Bedding		So			50		0	foliation in phyllite
297.75	Veins				SHTV	50		0	sheared densely spaced vein wedges over 30cm thick band concordant to phyllite foliation
297.75	Veins				FOL	50			sheared densely spaced vein wedges over 30cm thick band concordant to phyllite foliation
300	Bedding		So			50	110	10	strong grooves along phyllite foliation
300.22	Veins				TVA	40	230	0	tension veins that offset high core angle vein seams by ~3cm
301.55	Faults				Gouge			0	~15cm of friable gouged sandstone along non-planar rough contacts

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
301.85	Faults				Gouge	80		0	20cm gouge wedges emplaced at 80TCA at both upper and lower contact
302	Bedding		So			33		0	foliation in displaced sandstone interbed
302.28	Contact				FOL	60		0	sharp contact between displaced sandstone interbed with 33TCA foliation and foliated phyllite-silt-sand interbedding concordant to phyllite foliation
302.28	Faults				FOL	60			sharp contact between displaced sandstone interbed with 33TCA foliation and foliated phyllite-silt-sand interbedding concordant to phyllite foliation
302.5	Bedding		So			70		0	foliation in phyllite-silt-sand interbedding
303.9	Contact				FOL	80		0	multiple (foliated), black phyllite interbands over 10cm that off-set veining in sandstone
303.9	Faults				FOL	80			multiple (foliated), black phyllite interbands over 10cm that off-set veining in sandstone
304.5	Veins				SHTV	65		0	several 1-3cm thick, high core angle veinsets (some offset along low core angle veining @ 307.2m
305.05	Faults				FOL	90		0	partially gouged phyllite interbed that terminates veining in sandstone. Contact concordant to phyllite foliation
306.5	Veins				SHTV	25		0	several variable orientation 25TCA vein sets with milky white colour and generally not vuggy
307.53	Faults			fecb	FOL	72		0	high core angle ankerite altered and pyrite mineralized phyllite wedge along phyllite foliation that cuts off veining in sandstone
309.53	Contact				FOL	45		0	1.5cm thick black, foliated, pyrite mineralized phyllite wedge in sandstone -- concordant to phyllite foliation
313.22	Faults				Gouge	60	310	0	5cm thick gouged phyllite interbed with well preserved lower contact [pyrite mineralized]
313.3	Veins				SHTV	30	30	0	
313.5	Faults				Gouge	76		0	1cm thick gouge wedge in QPC
316	Veins				SHTV	20	270	0	
319	Veins				SHTV	20	20	0	
319.8	Veins				SHTV	15	250	0	
320	Veins		V2		SHTV	45	200	0	late generation
320	Veins		V1		SHTV	50	340	0	early generation
320	Veins				SHTV	50	180	0	
326	Veins		V1		SHTV	25	90	0	early generation, vuggy and mineralized
326	Veins		V2		SHTV	20	290	0	late generation
328.5	Veins		V3		SHTV	5	15	0	very late generation; undulated and slightly vuggy
328.5	Veins		V1		SHTV	45	310	0	early generation
329.5	Veins		V1		SHTV	10	15	0	early generation
329.5	Veins				SHTV	25	300	0	
329.5	Veins		V2		SHTV	60	260	0	late generation
333.5	Veins		V2		SHTV	70	80	0	late generation
333.5	Veins		V1		SHTV	20	280	0	early generation
339	Veins				STWK			0	intensely pyrite mineralized ~60% quartz veining veining appears diffuse and intersects multiply with extremely dense distribution (upper part of this subsection)
340	Veins				SHTV	55		0	
344	Cleavage		Ssh			48		0	weak shearing with phyllite and quartz ankerite wedges

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346.45	Cleavage		Ssh		bx matrix	46		0	localized foliation of QPC breccia
346.46	Contact				bx matrix	46			lower contact of matrix supported QPC breccia with extensive gouge fault zone
346.46	Faults				bx matrix	46		0	lower contact of matrix supported QPC breccia with extensive gouge fault zone
354.8	Faults				Gouge	30			phyllite wedge in QPC gouge
354.8	Contact				Gouge	30		0	phyllite wedge in QPC gouge
360.86	Contact				Gouge	24		0	sharp contact between light grey QPC (sandstone?) gouge above and black phyllite gouge below [part of extensive fault zone]
360.86	Faults				Gouge	24			sharp contact between light grey QPC (sandstone?) gouge above and black phyllite gouge below [part of extensive fault zone]
361.63	Contact				Gouge	80		0	upper contact of QPC gouge wedge in phyllite gouge zone
363.5	Contact				Gouge			0	lower, poorly recovered contact of QPC gouge wedge in phyllite gouge zone
372	Bedding		So		Gouge	60		0	
374	Bedding		So		Gouge	55		0	
374.54	Contact				Gouge	80		0	sharp lower contact of extensive gouge fault zone
376	Bedding		So			52		0	
378	Bedding		So			63		0	
379.5	Bedding		So			55		0	
382.5	Bedding		So	ser		53		0	
382.9	Bedding		So	ser		51		0	
382.9	Axial Plane		Fx			27		0	axial plane of closed, assymmetric fold profines with 1.5cm wavelength

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28303	3	6	2011	Expl Geochem	H-split	MT-Phy
28304	6	8.8	2011	Expl Geochem	H-split	QZVN
28305	8.8	12	2011	Expl Geochem	H-split	MT-Phy
28306	12	15	2011	Expl Geochem	H-split	MT-Phy
28307	15	18	2011	Expl Geochem	H-split	MT-Phy
28308	18	19.4	2011	Expl Geochem	H-split	MT-Phy
28309	19.4	21	2011	Expl Geochem	H-split	MT-Phy
28312	21	24	2011	Blank	LWS_2011	MT-Phy
28310	21	24	2011	Expl Geochem	H-split	MT-Phy
28311	21	24	2011	DUP	Q-Split	MT-Phy
28313	24	27	2011	Expl Geochem	H-split	MT-Phy
28314	27	30	2011	Expl Geochem	H-split	MT-Phy
28315	30	32	2011	Expl Geochem	H-split	MT-Phy
28316	32	33	2011	Expl Geochem	H-split	QZVN
28317	33	36	2011	Expl Geochem	H-split	MT-Phy
28318	36	39	2011	Expl Geochem	H-split	MT-Phy

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28319	39	42	2011	Expl Geochem	H-split	MT-Phy
28320	42	45	2011	Expl Geochem	H-split	MT-Phy
28321	45	48	2011	Expl Geochem	H-split	MT-Phy
28322	48	51	2011	Expl Geochem	H-split	MT-Phy
28323	51	54	2011	Expl Geochem	H-split	MT-Phy
28324	54	57	2011	Expl Geochem	H-split	MT-Phy
28325	57	60	2011	Expl Geochem	H-split	MT-Phy
28326	60	63	2011	Expl Geochem	H-split	MT-Phy
28327	63	66	2011	Expl Geochem	H-split	MT-Phy
28328	66	69	2011	Expl Geochem	H-split	MT-Phy
28329	69	72	2011	Expl Geochem	H-split	MT-Phy
28330	72	75	2011	Expl Geochem	H-split	MT-Phy
28331	75	78	2011	Expl Geochem	H-split	MT-Phy
28332	78	81	2011	Expl Geochem	H-split	MT-Phy
28333	81	83.3	2011	Expl Geochem	H-split	MT-Phy
28334	83.3	84.15	2011	Expl Geochem	H-split	MT-CO
28335	84.15	87	2011	Expl Geochem	H-split	MT-CO
28336	87	90	2011	Expl Geochem	H-split	MT-CO
28337	90	93	2011	Expl Geochem	H-split	MT-CO
28338	93	96	2011	Expl Geochem	H-split	MT-CO
28339	96	97.57	2011	Expl Geochem	H-split	MT-CO
28340	97.57	99	2011	Expl Geochem	H-split	QZVN
28341	99	100.4	2011	Expl Geochem	H-split	QZVN
28342	100.4	103.4	2011	Expl Geochem	H-split	QZVN.bx
28343	103.4	104.21	2011	Expl Geochem	H-split	QZVN.bx
28344	104.21	105	2011	Expl Geochem	H-split	QZVN.bx
28345	105	108	2011	Expl Geochem	H-split	MT-Phy
28346	105	108	2011	STND	CDN-GS-8B	MT-Phy
28347	105	108	2011	DUP	Q-Split	MT-Phy
28348	108	110.5	2011	Expl Geochem	H-split	MT-Phy
28349	110.5	112.6	2011	Expl Geochem	H-split	MT-Phy
28350	112.6	114	2011	Expl Geochem	H-split	MT-Phy
28351	114	117	2011	Expl Geochem	H-split	MT-Phy
28352	117	120	2011	Expl Geochem	H-split	MT-Phy
28353	120	123	2011	Expl Geochem	H-split	MT-Phy
28354	123	126	2011	Expl Geochem	H-split	MT-Phy
28355	126	129	2011	Expl Geochem	H-split	MT-Phy
28356	129	131.5	2011	Expl Geochem	H-split	MT-Phy
28357	131.5	133	2011	Expl Geochem	H-split	MT-Phy.bx

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 386

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28358	133	135	2011	Expl Geochem	H-split	MT-CO.bx
28359	135	138	2011	Expl Geochem	H-split	QZVN.bx
28360	138	141	2011	Expl Geochem	H-split	MT-CO.bx
28361	141	144	2011	Expl Geochem	H-split	MT-CO
28362	144	144.84	2011	Expl Geochem	H-split	MT-CO
28363	144.84	147	2011	Expl Geochem	H-split	MT-CO
28364	147	150	2011	Expl Geochem	H-split	QZVN
28365	150	151.9	2011	Expl Geochem	H-split	MT-CO
28366	151.9	153.02	2011	Expl Geochem	H-split	MT-SLT
28367	153.02	155.4	2011	Expl Geochem	H-split	MT-CO
28368	155.4	157.43	2011	Expl Geochem	H-split	MT-CO
28369	157.43	159	2011	Expl Geochem	H-split	MT-CO
28370	159	162	2011	Expl Geochem	H-split	MT-CO
28371	162	163.4	2011	Expl Geochem	H-split	MT-CO
28372	163.4	165.66	2011	Expl Geochem	H-split	MT-CO
28373	165.66	168	2011	Expl Geochem	H-split	MT-Phy
28374	168	171	2011	Expl Geochem	H-split	MT-Phy
28375	171	173.66	2011	Expl Geochem	H-split	MT-Phy
28376	173.66	175.04	2011	Expl Geochem	H-split	MT-Phy
28377	175.04	177	2011	Expl Geochem	H-split	MT-SS.cgr
28378	177	180	2011	Expl Geochem	H-split	MT-SS.cgr
28379	180	183	2011	Expl Geochem	H-split	MT-SS.cgr
28380	183	186.27	2011	Expl Geochem	H-split	MT-SS.cgr
28381	186.27	189	2011	Expl Geochem	H-split	MT-Phy
28382	189	190.97	2011	Expl Geochem	H-split	MT-Phy
28383	189	190.97	2011	DUP	Q-Split	MT-Phy
28384	189	190.97	2011	Blank	LWS_2011	MT-Phy
28385	190.97	191.47	2011	Expl Geochem	H-split	QZVN
28386	191.47	193.06	2011	Expl Geochem	H-split	MT-Phy
28387	193.06	193.7	2011	Expl Geochem	H-split	QZVN
28388	193.7	194.7	2011	Expl Geochem	H-split	MT-Phy
28389	194.7	197.8	2011	Expl Geochem	H-split	MT-Phy
28390	197.8	200	2011	Expl Geochem	H-split	MT-SS.fgr
28391	200	202.5	2011	Expl Geochem	H-split	MT-Phy
28392	202.5	204.92	2011	Expl Geochem	H-split	MT-Phy
28393	204.92	207.84	2011	Expl Geochem	H-split	MT-Phy.gf
28394	207.84	210.6	2011	Expl Geochem	H-split	MT-Phy.gf
28395	210.6	213.93	2011	Expl Geochem	H-split	MT-Phy
28396	213.93	214.8	2011	Expl Geochem	H-split	II-DI.fgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 386

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28397	214.8	216.45	2011	Expl Geochem	H-split	QZVN
28398	216.45	218.2	2011	Expl Geochem	H-split	MT-Phy.bx
28399	218.2	221	2011	Expl Geochem	H-split	MT-Phy.bx
28400	221	224	2011	Expl Geochem	H-split	MT-SS.cgr
28401	224	226	2011	Expl Geochem	H-split	MT-SS.cgr
28402	226	227.6	2011	Expl Geochem	H-split	MT-SS.cgr
28403	227.6	231	2011	Expl Geochem	H-split	MT-SS.cgr
28404	231	234	2011	Expl Geochem	H-split	MT-SS.cgr
28405	234	237	2011	Expl Geochem	H-split	MT-SS.cgr
28406	237	240	2011	Expl Geochem	H-split	MT-SS.cgr
28407	240	243	2011	Expl Geochem	H-split	MT-SS.cgr
28408	243	244.5	2011	Expl Geochem	H-split	MT-Phy
28409	244.5	245.23	2011	Expl Geochem	H-split	MT-SS.mgr
28410	245.23	246.97	2011	Expl Geochem	H-split	MT-Phy
28411	246.97	249	2011	Expl Geochem	H-split	MT-Phy
28412	249	252	2011	Expl Geochem	H-split	MT-Phy
28413	252	255	2011	Expl Geochem	H-split	MT-Phy
28414	255	258.7	2011	Expl Geochem	H-split	MT-Phy
28415	258.7	261	2011	Expl Geochem	H-split	MT-SS.mgr
28416	261	264	2011	Expl Geochem	H-split	MT-SS.mgr
28419	264	267	2011	DUP	Q-Split	MT-SS.mgr
28417	264	267	2011	Expl Geochem	H-split	MT-SS.mgr
28418	264	267	2011	STND	CDN-GS-8B	MT-SS.mgr
28420	267	269.82	2011	Expl Geochem	H-split	MT-SS.mgr
28421	269.82	270.7	2011	Expl Geochem	H-split	MT-Phy
28422	270.7	273	2011	Expl Geochem	H-split	MT-CO
28423	273	274.8	2011	Expl Geochem	H-split	MT-CO
28424	274.8	277	2011	Expl Geochem	H-split	MT-Phy
28425	277	279.67	2011	Expl Geochem	H-split	MT-Phy
28426	279.67	281.17	2011	Expl Geochem	H-split	MT-SS.mgr
28427	281.17	282.5	2011	Expl Geochem	H-split	MT-Phy
28428	282.5	285	2011	Expl Geochem	H-split	MT-SS.mgr
28429	285	286.72	2011	Expl Geochem	H-split	MT-Phy
28430	286.72	288.87	2011	Expl Geochem	H-split	MT-SS.mgr
28431	288.87	291.8	2011	Expl Geochem	H-split	MT-SS.mgr
28432	291.8	294.45	2011	Expl Geochem	H-split	MT-Phy
28433	294.45	295.74	2011	Expl Geochem	H-split	MT-Phy
28434	295.74	298.04	2011	Expl Geochem	H-split	QZVN
28435	298.04	301.05	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-015A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 386

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28436	301.05	303.2	2011	Expl Geochem	H-split	MT-SS
28437	303.2	306	2011	Expl Geochem	H-split	MT-SS.cgr
28438	306	309	2011	Expl Geochem	H-split	MT-SS.cgr
28439	309	311.7	2011	Expl Geochem	H-split	MT-SS.cgr
28440	311.7	315	2011	Expl Geochem	H-split	MT-CO
28441	315	318	2011	Expl Geochem	H-split	MT-CO
28442	318	321	2011	Expl Geochem	H-split	MT-CO
28443	321	324	2011	Expl Geochem	H-split	MT-CO
28444	324	327	2011	Expl Geochem	H-split	MT-CO
28445	327	330	2011	Expl Geochem	H-split	MT-CO
28446	330	333	2011	Expl Geochem	H-split	MT-CO
28447	333	336	2011	Expl Geochem	H-split	MT-CO
28448	336	339	2011	Expl Geochem	H-split	QZVN
28449	339	342	2011	Expl Geochem	H-split	MT-CO
28450	342	343.2	2011	Expl Geochem	H-split	MT-CO
28451	343.2	344.45	2011	Expl Geochem	H-split	MT-Phy
28452	344.45	346.46	2011	Expl Geochem	H-split	MT-CO.bx
28453	344.45	346.46	2011	DUP	Q-Split	MT-CO.bx
28454	344.45	346.46	2011	Blank	LWS_2011	MT-CO.bx
28455	346.46	348	2011	Expl Geochem	H-split	MT-CO.bx
28456	348	351	2011	Expl Geochem	H-split	MT-CO.bx
28457	351	354	2011	Expl Geochem	H-split	MT-CO.bx
28458	354	357	2011	Expl Geochem	H-split	MT-CO.bx
28459	357	360.86	2011	Expl Geochem	H-split	MT-CO.bx
28460	360.86	363.5	2011	Expl Geochem	H-split	MT-Phy.bx
28461	363.5	366	2011	Expl Geochem	H-split	MT-Phy
28462	366	369	2011	Expl Geochem	H-split	MT-Phy.bx
28463	369	372	2011	Expl Geochem	H-split	MT-Phy.bx
28464	372	374.54	2011	Expl Geochem	H-split	MT-Phy.bx
28465	374.54	376	2011	Expl Geochem	H-split	MT-Phy
28466	376	378	2011	Expl Geochem	H-split	MT-Phy
28467	378	381	2011	Expl Geochem	H-split	MT-Phy
28468	381	383	2011	Expl Geochem	H-split	MT-SLT
28469	383	386	2011	Expl Geochem	H-split	MT-CO.bx

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533723.8	6843901.8		

Elevation: 1556 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 270
EOH: 288.0 m
Core Size: HQ

Start Date: 01/08/2011
Finish Date: 04/08/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	76.3	267.07	5884	Reflex	1
72	77.5	263.24	5844	Reflex	1
123	77.7	261.14	5845	Reflex	1
174	78	262.64	5843	Reflex	1
225	78.7	261.54	5844	Reflex	1
276	78.5	256.94	5852	Reflex	1

Objective:
to test down-dip extensions of intercepts observed in 3A-11-015 and 3A-11-015A

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	4.5	no core recovered	CASING		100.0%				co	1
4.5	6.1	black Phyllite with intermittent iron-stained, blocky or rubbled fragments of iron-stained quartz veining. Phyllite only has very thin, grey silt seams. Texture of phyllite too fine-grained to determine exact composition	MT-Phy		30.0%	n			br	1
4.5	6.1	Quartz veining as intermittent iron-stained, blocky or rubbled fragments in/with black phyllite unit.	QZVN		70.0%	o			br	1
6.1	17.5	Quartz veining in phyllite unit is rare and generally <2mm thick and either: - foliation concordant or - foliation discordant and low core angle very sparsely distributed	QZVN		1.0%	w			br	1
6.1	17.5	black Phyllite with very rare thin grey-brown silt seams and only occassional <2mm thick, dusty white quartz-carbonate seams. Texture too fine-grained to determine exact composition. Generally block and with iron straining along fractures and breaks throughout.	MT-Phy		99.0%	n			br	1
17.5	30.5	Quartz veining in blacky phyllite is generally rust stained. - generally 3-20cm thick - intensely vuggy with black manganese oxide and bladed iron minerals in vugs - rust-stained with pale orange stain in quartz - containing multiple wedges of black phyllite - containing frequent grey-green chlorite wedges and seams - grey-green chlorite in vein wall rock - some muscovite sericitization with chlorite associated with veining - pre-dominantly foliation concordant generally no sulfide mineralization observed	QZVN		10.0%	o			br	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
17.5	30.5	black Phyllite with highly variable foliation core angle [folding]; texture too fine-grained to determine exact composition; about 10% dark grey, laminar silt interbedding in phyllite; proportion of quartz veining generally increased in comparison to previous unit; very broken, blocky and fragmented throughout	MT-Phy		90.0%	n			br	1
30.5	38.4	Brittle Deformation: Proportion of quartz veining appears decreased in comparison to previous unit above. Some quartz fragments. | 30cm, softened brecciated quartz-chlorite vein with iron staining and matrix softening at start of unit.	QZVN		2.0%	o			br	2
30.5	38.4	Brittle Deformation : black Phyllite as seen in previous unit above Predominantly intensely shattered with partially softenend fragments. About 25% as true fault gouge interspersed throughout.	MT-Phy		98.0%	n			br	2
38.4	50.4	black Phyllite almost complete deplete of grey-brown silt laminae and devoid of quartz veining. Foliation core angle appears consistent throughout unit. Unit terminates in eakly developed zone of brittle deformation from 46.5m-50.4m.	MT-Phy		100.0%	n			co	1
50.4	86.31	very rare, vuggy, <4cm thick, foliaton discordant quart veining in silt-phyllite interbedding. [see point measurements]	QZVN		1.5%	w			co	1
50.4	86.31	black Phyllite interbedded with grey silt: ~29% silt silt interbedding is generally rhythmic -- 3-15cm thick interbeds with interbed thickness consistent over lengthy subintervals Several small scale (<10cm wavelength) fold profiles discernible in silt interbedding. Core is generally competent, but somewhat blocky. Texture is generally too fine-grained to determine exact composition. Upper contact below zone of brittle deformation in above lying phyllite unit. Lower contact is sharp & competent with QPC unit below.	MT-SLT		28.5%	gy			co	1
50.4	86.31	black Phyllite interbedded with grey silt: ~29% silt silt interbedding is generally rhythmic -- 3-15cm thick interbeds with interbed thickness consistent over lengthy subintervals Several small scale (<10cm wavelength) fold profiles discernible in silt interbedding. Core is generally competent, but somewhat blocky. Texture is generally too fine-grained to determine exact composition. Upper contact below zone of brittle deformation in above lying phyllite unit. Lower contact is sharp & competent with QPC unit below.	MT-Phy		70.0%	n			co	1
86.31	104.16	a single, discrete, black phyllite interbed from 89.26-89.59m with sharp, competent contacts that are concordant to phyllite foliation @58TCA.	MT-Phy		1.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
86.31	104.16	veining in Quartz-Pebble-Conglomerate (QPC): - densely distributed and multiply intercepting as well as frequently boudinaged - vein boundaries frequently diffuse - folded, foliation concordant veining present in low grade, chloritized shearing - several branching, low core angle boudins - vein thickness generally < 3cm Vein & wallrock sulfide mineralization increases in downhole direction throughout unit. Visible gold mineralization (small spec) @ 100m in <0.5cm thick, low core angle vein boudin.	QZVN		30.0%	w			co	1
86.31	104.16	Quartz-Pebble-Conglomerate (QPC): grey to medium grey colour Composition: 83% milky white, subangular quartz grains; 15% altered, pitted, subrounded feldspar; 2% dark lithics (phyllite clasts?) Alteration type of feldspar varies throughout interval. [see alteration table] Grainsize: 3-7mm (predominantly granule size) <5% matrix Intermittent chloritization leading to alignment of wispy, semi-penetrative, grey-green chlorite lamellae at about 0.5-1cm spacing likely indicating low grade shearing. Alteration fluid boundaries appear sharp, chlorite rimmed and frequently planar. [low grade shear zone boundaries?] about 60% of unit has weak shear texture with frequency of shear intervals increasing in downhole direction ~30% quartz veining which tends to be intensely sulfide mineralized from about 93m downwards. Cave-in of black-grey, very uniform sandy clay @ 92.74m. [about 30cm of extra material]	MT-CO		69.0%	gy	qtz	80	co	1
104.16	105.2	VG mineralized, buff-yellow massive quartz vein. Upper contact: 55TCA Lower contact: 60TCA appears concordant to low grade shear foliation formed by alignment of wispy, semi-penetrative chlorite lamellae at ~0.8cm spacing minor QPC inclusions at banded lower contact - alson contains various dark grey, metallic seams (arsenopyrite-antimony combination?) - gold as multiple small specs - 0.5-2mm grains of pyrite and arsenopyrite	QZVN		100.0%	w			co	1
105.2	111.2	Quartz veining in Quartz Pebble Conglomerate unit (QPC): - on average exceeds 4cm thickness - milky white with sharp boundaries - vein core angles are generally less or equal to 45TCA - some thinner vuggy, iron-stained quartz seams - veins are sulfide mineralized	QZVN		30.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
75	270	288

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
105.2	111.2	Quartz-Pebble-Conglomerate (QPC): grey to medium grey colour Composition: 83% milky white, subangular quartz grains; 15% altered, pitted, subrounded feldspar; 2% dark lithics (phyllite clasts?) Alteration type of feldspar varies throughout interval. [see alteration table] Grainsize: 3-7mm (predominantly granule size) <5% matrix Intermittent chloritization leading to alignment of wispy, semi-penetrative, grey-green chlorite lamellae at about 0.5-1cm spacing likely indicating low grade shearing. Alteration fluid boundaries appear sharp, chlorite rimmed and frequently planar. [low grade shear zone boundaries?] - about 40% of unit has weak shear texture - shear texture most clearly developed in lower 3rd of unit and grades into a shear breccia texture over ~30cm @ lower contact of unit ~30% quartz veining which tends to be sulfide mineralized.	MT-CO		70.0%	gy	qtz	83	co	1
111.2	113.2	black Phyllite and white massive quartz veining as soft deformation brecciation near upper contact of brittle fault zone. Angular up to 5cm diameter phyllite wedges within quatz veining and also angular quartz wedges within phyllite.	QZVN	bx	40.0%	w			fr	2
111.2	113.2	black Phyllite and white massive quartz veining as soft deformation brecciation near upper contact of brittle fault zone. Angular up to 5cm diameter phyllite wedges within quatz veining and also angular quartz wedges within phyllite. D	MT-Phy	bx	60.0%	n			fr	2
113.2	133.8	BRITTLE FAULT ZONE: <1.5cm thick, dusty white, frequentl folded, multiply intersecting vein seams - often boudinaged as part of brecciated texture in faulted black phyllite.	QZVN		10.0%	w			br	3
113.2	133.8	BRITTLE FAULT ZONE: black Phyllite gouge that grades into more competent soft deformation within lower third of interval texture too fine-grained to determine exact composition brecciated teture where more competent and cross-cut by a multitude of (folded), dusty white vein seams that intersect multiply.	MT-Phy		90.0%	n			br	3
133.8	154	Phyllite occurs as as 2 discrete gouged wedges (<30cm thick) in lower half of unit. [see point measurements]	MT-Phy		1.5%	n			co	3
133.8	154	Quartz Veining in QPC unit: - multiple orientation, predominantly low core angle (<45TCA) - veins range from 0.5-10cm in thickness - veins are pyrite mineralzied - veins predominate as a sheeted,26TCA, 2cm thick, milky white veins - generally not vuggy and with sharp boundaries	QZVN		19.5%	w			br	1
133.8	154	grey Quartz-Pebble-Conglomerate which terminates as brittle fault zone in last 3 meters of interval. Compostion: 85% grey quartz ; 14.5% feldspar; 0.5% dark lithics Grainsize: 3-5mm grains are subangular feldspar appears intensely iron-carbonate altered -- pitted appearance and buff colour Multiple orientation, predominantly low core angle (<45TCA) quartz veining throughout. Unit is fragmented and terminates as fault gouge.	MT-CO		79.0%	gy	qtz	85	br	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
154	162.12	Quartz veining in black phyllite unit: - frequently dusty white as <0.4cm thick, foliation concordant seams or as - foliation discordant 0.4-1.5cm thick, vuggy, iron-carbonate altered veinlets that occurs as "branching" (multiply intersecting) tension veins	QZVN		2.0%	w			co	1
154	162.12	Black phyllite unit with high core angle foliation that grades into silt/fine-grained sandstone towards lower contact. Upper contact is part of brittle fault zone. Texture too fine-grained to determine exact composition. Foliation fabric ocassionally weakly flexed/folded.	MT-Phy		98.0%	n			co	1
162.12	174.48	Quartz veining is milky white with sharp boundaries, vuggy, 1-4cm thick and generally at 30-50TCA. Vein distribution is low.	QZVN		5.0%	w			co	1
162.12	174.48	light grey-brown silt occurs as occassional interbedding where chloritization appears intensified.	MT-SLT		10.0%	t			co	1
162.12	174.48	Medium grey-greenish sandstone with gradational upper conctact. [silt to fine grained sand to medium and coarse grained] grades in slight granule size (~3mm) at center of interval Lower contact is a healed, competent fault with phyllite that cuts of veining. Composition: 80% grey quartz; 18% feldspar; 2% lithics Grainsize: 1-3mm Grain shape: subangular to angular Feldspars are generally quite angular and with white clay alteration. Colour of sandstone is grey-greenish, intermittently intensified, pervasive overprint. Textural destruction where intensified expressed as wispy grey-green lamellae with regular spacin (~1cm) and alignment. [low grade strain?]	MT-SS	cgr	85.0%	gy	qtz	80	co	1
174.48	179.8	Low core angle quartz veining (30/020) in green chloritized, fine-grained sandstone beds that are cut off by phyllite wedges. Also foliation concordant veining in phyllite. [see point measurements]	QZVN		5.0%	w			co	1
174.48	179.8	Fine-grained green chloritized sandstone wedges interchanging with black phyllite interbedding that frequently cuts of low core angle quartz veining (30/020) in sandstone beds. Feldspars in sandstone are also chloritized. Grainsize: 1mm subrounded 20% feldspar, 75% grey quartz and 5% black (phyllite?) lithics Lithics clearly discernible with handlens. Grades into purely phyllite with densely spaced folation concordant quartz veining towards lower contact of unit.	MT-SS	fgr	20.0%	g	qtz	75	co	1
174.48	179.8	Black Phyllite interbedding that frequently cuts of low core angle quartz veining (30/020) in fine-grained, green chloritized sandstone beds/wedges. Feldspars in sandstone are also chloritized. Grades into purely phyllite with densely spaced folation concordant quartz veining towards lower contact of unit. Texture of Phyllite too fine grained to determine exact composition.	MT-Phy		75.0%	n			co	1
179.8	182.96	phyllite in form of a narrow, chloritized, faulted, 3cm wedge [see point measurements]	MT-Phy		1.0%	g			co	1
179.8	182.96	variable thickness, milky white, low core angle (25-45TCA) quartz veining	QZVN		30.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
179.8	182.96	Grey-greenish chloritized sandstone with repeated low core angle (25-45TCA) quartz veining. Grainsize: 1-1.5mm grainshape: subangular composition: 80% grey quartz, 17% buff, iron-carbonate altered feldspar, 3% lithics (some phyllite fragments) contains narrow phyllite-chlorite wedges (faulting)	MT-SS	mgr	69.0%	gy	qtz	80	co	1
182.96	184.5	intensely tension cracked quartz veining with buff iron-carbonate patches that runs foliation discordant @~40TCA [see point measurements]	QZVN		2.0%	w			co	1
182.96	184.5	black foliated phyllite with minor grey-brown silt laminae; texture too fine-grained to determine exact composition	MT-Phy		98.0%	n			co	1
184.5	187.5	angular, wedge-like phyllite clasts with up to 5cm diameter in chloritized, iron-carbonate altered quartz veining	MT-Phy	bx	5.0%	n			co	2
184.5	187.5	10-30cm thick quartz veining with green chlorite wedges, angular phyllite clasts and patchy, buff iron-carbonate overprinting within green-grey chloritized sandstone. Unit is intensely pyrite mineralized. [see point measurements for vein orientations]	QZVN	bx	45.0%	bf			co	2
184.5	187.5	Grey sandstone with a slightly greenish tint (weak chloritization) and same composition, make-up and appearance as preceeding chloritized sandstone units above this unit. Unit contains semi-massive 10-30cm quartz veining with green chlorite wedges, angular phyllite clasts and patchy, buff iron-carbonate overprinting. Unit is intensely pyrite mineralized. [see point measurements for vein orientations]	MT-SS	mgr	50.0%	gy	qtz	80	co	2
187.5	203.1	Quartz veining in phyllite is concentrated into zone of brittle deformation between 192.92-200.05 Veining is somethimes vuggy, of variable thickness and has a brecciated texture (criss-crossed by tension cracks where phyllite is gouged). Veining is predominantly foliation concordant.	QZVN		10.0%	w			co	2
187.5	203.1	black phyllite with only minor very thin grey-brown silt seams. Unit cotains a zone of brittle deformation from 195.17-200.03m where quartz veining intensifies and core becomes soft and friable. Texture of phyllite to fine-grained to determine exact composition. Smooth, shiny graphite observed along folaition cleavage in at least one instance @ ~198m in zone of brittle faulting.	MT-Phy	gf	90.0%	n			br	3
203.1	203.15	darky sandstone with high component of lithics: 70% grey quartz, 25% white, clay altered feldspar; 5% black lithics (phyllite clasts?) Grainsize: 1-1.5mm [occassional quartz grains up to 3mm diameter] Grainshape: subrounded hard and competent, sharp upper and lower contacts with phyllite unit contains thin, grey diffuse quartz seams [see point measurements]	MT-SS	mgr	100.0%	gy	qtz	70	co	1
203.15	216.08	Quartz veining in phyllite is foliation discordant at ~65TCA and & ~30TCA. Veining is generally <1cm thick and often folded/flexing. Veining has dusty white appearance (lacks vitreous lustre) and is sometimes vuggy.	QZVN		2.0%	w			co	1

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Plunge:	Azimuth:	EOH:					
75	270	288					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
203.15	216.08	Black phyllite with grey laminar silt interbedding that increases in thickness towards lower contact of unit. Texture of phyllite is too fine-grained to determine exact composition. Unit contains several fine-grained sandstone wedges in last 1.5m before lower contact (which may not be gradational) as well as a 20cm QPC wedge with cut-off quartz veining and sharp, competent contacts with phyllite. Lower contact of unit is with QPC-Phyllite Fault wedge unit.	MT-Phy		98.0%	n			co	1
216.08	223.7	QPC-Phyllite Fault wedge unit with low core angle quartz veining in QPC sections: Phyllite wedges are 3-40cm thick and generally ahve contacts with QPC that are concordant to phyllite foliation with buff concordant quartz-iron-carbonate veining in phyllite. Some phyllite-QPC contacts are hard, sharp and competent others have thing gouge coating or wedges.	MT-Phy		10.0%	n			br	2
216.08	223.7	QPC-Phyllite Fault wedge unit with low core angle quartz veining in QPC sections: - veining in QPC generally low core angle - veinng in Phyllite wedges generally fomation concordant with buff iron-carbonate overprint - also a massive, fragmented, white vein from ~221.7-~222.70m with pyrite clusters, small arsenopyrite clusters, grey-green chlorite seams and phyllite clast inclusions	QZVN		20.0%	w			br	1
216.08	223.7	QPC-Phyllite Fault wedge unit with low core angle quartz veining in QPC sections: Phyllite wedges are 3-40cm thick and generally have contacts with QPC that are concordant to phyllite foliation along gouge seams. Quartz Pebble Conglomerate (QPC): Composition: 85% quartz (grey colour and some blue-grey grains) 14% feldspar 1% dark diffuse lithics grain boundaries appear diffuse and subangular to subrounded Some feldspar has pitted white clay alteration + some rusty orange iron carbonate alteration	MT-CO		70.0%	gy	qtz	85	br	1
223.7	236.3	Quartz veining in QPC unit generally: - <2cm thick - vuggy and milky white colour - low core angle (<40TCA) and variable orientations - frequently intersecting - euhedral, <1mm pyrite in vugs	QZVN		15.0%	w	w	15	co	1
223.7	236.3	light grey Quartz Pebble Conglomerate (QPC): Composition: 85% quartz (grey colour and some blue-grey grains) 14% feldspar 1% dark diffuse lithics grain boundaries appear diffuse and subangular to subrounded Some feldspar has pitted white clay alteration + some rusty orange iron carbonate alteration	MT-CO		85.0%	gy	qtz	85	co	1
236.3	247.3	quartz veining in phyllite unit is very scarcely distributed and occurse as dusty white seams of less than <0.5cm thickness ; generally not mineralized	QZVN		1.0%	w			co	1

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Plunge: 75 **Azimuth:** 270 **EOH:** 288

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
236.3	247.3	black Phyllite with dark grey, rhythmic, laminar silt interbedding Foliation generally high core angle with smooth cleavage along original bedding planes. Texture too fine gained to determine exact composition. upper contact defined by narrow (<1m) interval of low grade brittle-ductile shearing lower contact appears gradational into fine-grained sandstone	MT-Phy		99.0%	n			co	1
247.3	250.3	grey-diffuse, low core angle quartz veining in sandstone + quartz ankerite wedges in phyllite	QZVN		1.0%	w			co	1
247.3	250.3	pyrite mineralized phyllite wedge at location of fold hinge with folded bedding continuing from upper phyllite fold hinge into silt/sandstone above	MT-Phy		9.0%	n			co	1
247.3	250.3	fine grained sandstone that locally grades into silt stone with grey-brown colour Grainsize: 0.5-1mm Grainshape: subrounded Composition: 70% grey quartz; 25% white-buff altered feldspar, 5% dark lithics (phyllite clasts?) contains a phyllite wedge at a fold hinge [see point measurements]	MT-SS	fgr	90.0%	t	qtz	70	co	1
250.3	265.3	Quartz veining in phyllite unit: - dusty white colour (lack of vitreous lustre) - occasionally with buff iron-carbonate patches - not exceeding 1cm in thickness - generally foliation discordant and flex-folded - occassionally sulfide (py) mineralized	QZVN		1.0%	w			co	1
250.3	265.3	Silt proportion increases towards lower contact of unit with silt interbedding reaching up to 20cm in width within black phyllite unit with consistently high core angle foliation and laminar grey-brown silt interbedding.	MT-SLT		20.0%	gy			co	1
250.3	265.3	Black phyllite unit with consistently high core angle foliation and laminar grey-brown silt interbedding. Silt proportion increases towards lower contact of unit with silt interbedding reaching up to 20cm in width. Texture too fine-grained to determine exact composition. Upper contact is faulted. Lower contact is marked by ~40cm massive quartz vein, but appears otherwise gradational from silt into sand size.	MT-Phy		79.0%	n			co	1
265.3	267.33	coarse grained sandstone grading into granule size: dark grey colour and elongate (often granule size) quartz clasts and well expressed foliation Composition: 80% grey quartz; 15% iron carbonate altered feldspar; 5% dark lithics (phylite clasts?) grainshape: subangular to subrounded grainsize: 1-3mm minor thin barren quartz veinlets upper contact with silt sequence is sharp and high core angle lower contact into silt sequentce appears gradational	MT-SS	cgr	100.0%	gy	qtz	80	co	1
267.33	270	laminated, tan-grey silt sequence. Sequence is folded and foliation is generally low core angle. ~50cm fault gouge wedge at start of unit Texture too fine grained to determine exact composition.	MT-SLT		100.0%	t			br	2
270	271	rubbled, fragmented and very poorly recovered quartz vein with pyrite mineralization in walrock fragments gouge wedges (poorly recoved) near upper and lower contacts	QZVN		100.0%	w			br	1
271	273.8	Quartz veining in QPC unit is generally milky white and with pyrite mineralization in vugs. Vein core angles are generally <45TCA	QZVN		5.0%	w			br	2

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
271	273.8	light grey Quartz-Pebble-Conglomerate: both upper and contacts along poorly recovered gouge wedges Composition: 85% grey (sometimes blue-grey quartz; 10% clay altered feldspar; 5% angular lithic fragments (frequently phyllite) Grainsize:4-6mm Grainshape: subangular 3% matrix	MT-CO		95.0%	gy	qtz	8	br	2
273.8	288	Quartz veing in silt sequence and sand-granule unit predominantly concentrated between 282-285m. Milky white and from 0.2-2cm thick at variable core angles.	QZVN		5.0%	w			co	1
273.8	288	coarse grained sandstone grading into granule size: dark grey colour and elongate (often granule size) quartz clasts and well expressed foliation Composition: 80% grey quartz; 15% iron carbonate altered feldspar; 5% dark lithics (phylite clasts?) grainshape: subangular to subrounded grainsize: 1-3mm no gouge contacts but black phyllite laminae appear regularily at 35TCA between silt to sand/granule transitions. Silt foliation core angle is predominantly 35TCA. Sand foliation core angle is higher at ~65TCA. sand/granule size is concentrated between 280.4-284.33m.	MT-SS		30.0%	gy	qtz	70	co	1
273.8	288	laminated, tan-grey silt sequence. Sequence is folded and foliation is generally low core angle. Some dark phyllite lamellae. Texture too fine-grained to determine exact composition. no gouge contacts but black phyllite laminae appear regularily at 35TCA between silt to sand/granule transitions. Silt foliation core angle is predominantly ~35TCA. Sand foliation core angle is higher at ~65TCA. sand/granule size is concentrated between 280.4-284.33m.	MT-SLT		65.0%	t			co	1

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Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4.5	38.5	ionr staining along fractures breaks and quartz veining	fecb	2	frac	o
17.5	31	pearly transluscent sercitie along chlorite coated cleavages in foliation concordant quartz veining	ser	1	vn	w
17.5	31	grey-green chlorite wedges and seams in vuggy, foliation concordant quartz veining and in vein wallrock boundaries	chl	2	vn	g
86.31	91.2	iron staining in matrix along fractures and veining	fecb	3	frac	o
91.2	104.46	iron staining and buff iron carbonate overprint predominantly associated with quartz veining	fecb	2	vn	o
104.46	105.2	pervasive buff overprint on massive gold and sulfide mineralized quartz vein	fecb	3	vn	bf
105.2	111.2	feldspars have pitted, buff appearance; quartz veins appear generally milky white and unaltered	fecb	2	smgr	bf
133.8	150	pitted, buff and sometimes rust-stained appearance of feldspars in QPC unit	fecb	2	smgr	bf
162.12	174.48	grey-greenish, intermittently intensified, pervasive overprint. Textural destruction where intensified expressed as wispy grey-green lamellae with regular spacin (~1cm) and alignment. [low grade strain?]	chl	1	perv	g
174.48	177.74	green chloritized, fine-grained sandstone wedges within phyllite with low core angle quartz vein in sandstone that also sometiems contain (off-set) chlorite wedges	chl	3	diss	g
179.8	182.96	greenish hue in sandstone as well as some chlorite wedges in point fault	chl	2	perv	g
182.96	184.5	buff iron-carbonate patches in foliation discordant quartz veining in phyllite	fecb	1	vn	bf
223.7	236.5	occassional buff iron-carbonate patches in multiple, syndeformational, intersecting low core angle quartz veining	fecb	1	vn	bf
250.3	264.5	thin, buff-white, foliation discordant, generally low core angle quartz-iron-carbonate veinlets in phyllite --- occassionally pyrite mineralized	fecb	1	vn	bf

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
26	26.5	FZ	200.0%	BFZ	intensely fragmented and partilly softened
26.5	29	QZVN	100.0%	bx	massive, foliation concordant quartz vein with iron-carbonate staining and grey-green chlorite wedgesalso contatina angular quartz clasts and angular phyllite wedges giving brecciated appearance
29	30.8	QZVN	200.0%	bx	softened, friable, rust stained, foliation concordant quartz vein with angular quartz & phyllite clasts --- brecciated appearance
30.5	38.4	FZ	300.0%	BFZ	intensely shattered, partially softed and gouged phyllite in zone of brittle deformation
46.5	50.4	FZ	200.0%	bx	partially softened, shattered, crushed and about 15% gouge matrix in zone of brittle deformation
86.31	104.16	SZ	100.0%	DBSZ	Low grade shearing in form of intermittent chloritized alteration fluid overprint with sharp planar boundaries with chlorite rims.Shear texture expressed as aligned, semi-penetrative, wispy grey-green chlorite seams at 0.5-0.8cm spacing and elongated qu
104.46	105.52	QZVN	200.0%	DSZ	VG mineralized, buff-yellow massive quartz vein.Upper contact: 55TCALower contact: 60TCAappears concordant to low grade shear foliation formed by alignment of wispy, semi-penetrative chlorite lamellae at ~0.8cm spacingminor QPC inclusions at banded lo
111.2	113.2	SZ	200.0%	DBSZ	black Phyllite and white massive quartz veining as soft deformation brecciation near upper contact of brittle fault zone. Angular up to 5cm diameter phyllite wedges within quatz veining and also angular quartz wedges within phyllite.
113.2	133.8	FZ	300.0%	BFZ	BRITTLE FAULT ZONE: black Phyllite gouge that grades into more competent soft deformation within lower third of intervaltexture too fine-grained to determine exact compositionbrecciated teture where more competent and cross-cut by a multitude of (folded
145.94	155.7	FZ	200.0%	BFZ	BRITTLE FAULT that crosses lithological boundaries:Fault gouge (phyllite wedges & QPC) as well as blocky, partially softened fragments and cohesive, low strength gouge-breccia sections throughout entire interval.
165.07	165.26	FZ	300.0%	BFZ	light grey (silt sourced?), soft plastic fault gouge emplaced along hard competent contacts along 75TCA and concordant to silt-sand interbedding foliation
192.92	195.17	FZ	200.0%	CSZ	localized low grade shear textures (doubly folded folation with 0.5cm wavelength) and soft deformation as part of large scale fault zone from 192.92-201.90m.

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From	To	Mineral	Intensity	Distribution	Comments
195.17	200.03	FZ	300.0%	BFZ	gouged, partially softened and intensely fragmented phyllite & quartz veining; bounded by soft deformation above and below
200.03	201.9	FZ	100.0%	DBSZ	lower bound of fault zone with sfot deformation features (doubly folded veinlets and foliation part of a large scale fault zone from 192.92-201.90m.
221.7	222.7	QZVN	300.0%	bx	massive, fragmented, white quartz vein with pyrite clusters, small arsenopyrite clusters, grey-green chlorite seams and several angular phyllite clast inclusions within a QPC-Phyllite Fault wedge unit. Quartz vein contacts are intensely fragmented and upper contact is partially gouged.
236.3	246.4	FZ	100.0%	DBSZ	very low intensity brittle-ductile shearing at upper contact of phyllite unit with poorly recovered gouge along foltion (60TCA) an intensiefied quartz veining (both foliation concordant and discordant) pyrite gouge mineralization
267.33	268.65	FZ	400.0%	BFZ	light grey-tan (silt source) fault gouge with upper contact along ~55TCA and lowrer contact along low core angle at 22TCA
270	271	QZVN	200.0%	BFZ	poorly recovered interval of rubbled, pyrite mineralized , white quartz vein and gouge at lower contact of vein [also gouge in near vicinity to upper contact of vein]

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
86.31	92	trace disseminted pyrite in veining and wallrock boundaries	py	1	vn
92	100	~0.3% disseminated pyrite in veining and wallrock boundaries	py	2	vn
96.15	96.5	prominent galena cluster in shear foliation concordant quartz veining	gn	4	vn
100	104.46	~0.3% disseminated + clustered in veining and wallrock boundaries	asp	3	vn
100	104.46	~0.5% disseminated + clustered in veining and wallrock boundaries	py	3	vn
100.04	100.08	spec of VG in low core angle vein boudin [see point measurements]	Au	2	vn
104.46	105.2	disseminated in massive, buff, shear foliation concordant quartz vein	py	2	vn
104.46	105.2	as dark grey seams/lamellae in buff, shear foliation concordant quartz vein	asp	4	vn
104.46	105.2	multiple specs in massive, buff, shear foliation concordant quartz vein	Au	3	vn
104.9	104.91	UNKNOWN: non-metallic, blue, radiating, vitreous (?) mineral on non-planar fracture in gold mineralized quartz vein	unm	2	vn
105.2	111.2	disseminated and clustered in quartz veining	py	3	vn
105.2	111.2	as dark grey seams/lamellae in quartz veining + clustered & disseminated	asp	4	vn
111.2	113.2	~1% disseminated pyrite in low strain zone	py	2	diss
113.2	120	~0.5% pyrite disseminated in gouged fault zone boundary	py	1	gouge
133.8	154	~0.4% pyrited disseminated in quartz veining in QPC unit	py	2	diss
163	168	pyrite minerlazation in vuggy, 30TCA quartz veinlets	py	1	vn
170	175.63	trace, fine-grained, euhedral disseminated pyrite in rock matrix of chloritized sandstone	py	1	diss
174.48	182.96	~0.5% pyrite in veining and matrix of green chloritized sandstone that interchanges along hard competent contacts with phyllite interbedding. Contacts are concordant to phyllite foliation. Also euhedral pyrite along phyllite foliation.	py	2	vn
182.96	184.8	~0.2% pyrite in quartz veining	py	1	vn
182.96	184.8	~0.2% pyrite in quartz veining	py	1	vn
192.92	201.9	~4% pyrite in gouge, quartz veining & disseminated along foliation; degree of mineralization decreases towards lower contact of interval	py	4	gouge
192.92	201.9	FAULT ZONE mineralization: within gouge and brittle-ductile fabrics; within quartz veining and as foliation concordant stringers in phyllite; degree of mineralization decreases towards lower contact of interval.	py	4	gouge
201.9	216.08	trace disseminated pyrite	py	1	diss

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From:	To:	Comments	Mineral	Percent	Distribution
201.9	216.08	trace disseminated pyrite	py	1	diss
216.08	221.7	trace disseminated arsenopyrite in quartz veining	asp	1	vn
216.08	221.7	trace disseminated pyrite in quartz veining	py	1	vn
221.7	222.7	3% pyrite - clustered and disseminated in rubbled massive quartz vein (upper contact ~60TCA; lower contact fragmented)	py	4	vn
221.7	222.7	2 arsenopyrite - clustered and disseminated in rubbled massive quartz vein (upper contact ~60TCA; lower contact fragmented)	asp	3	vn
222.7	234	~0.1% pyrite in quartz veining	py	1	vn
234	237.3	~0.3% disseminated pyrite in quartz veining associated with localized zone of low grade brittle-ductile shearing	py	1	vn
234	237.3	~0.1% dissemianted arseonpyrite in quartz veining associated with localized zone of low grade brittle-ductile shearing	asp	1	vn
247.3	250.5	~0.1% disseminated pyrite in phyllitewedges	py	1	diss
250.3	250.5	1% pyrite in localized, small gouge wedge	py	2	gouge
270	271	~0.5% pyrite in rubbled fragments of what may have been a massive quartz vein	py	2	vn
271	288	~0.1% pyrite -- generally concentrated in phyllite wedges that form deformational contacts between silt and sandstone often as partial foliation concordant stringers	py	1	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
7	Bedding		So			35		0	in phyllite
10	Bedding		So			40		0	in phyllite
11	Bedding		So			53		0	in phyllite
12	Joints				Open	15		0	~3m zone of rust-stained low core angle fractures
13	Bedding		So			57		0	in phyllite
14	Bedding		So			60		0	in phyllite
15	Veins				FOL	65		0	quartz carbonate seams in phyllite
15	Bedding		So			65		0	in phyllite
16	Cleavage		Ssh			55		0	narrow 20cm shear band in phyllite with intense vuggy veining
16	Veins				FOL	55			narrow 20cm shear band in phyllite with intense vuggy veining
17.5	Veins					35		0	upper contact of massive, 30cm thick, quartz chlorite vein; phyllite foliation core angle changes drastically at lower contact of vein @ 17.80m
18	Cleavage		S1			30		0	in phyllite, clearly developed cleavage that cross-cuts S1
18	Bedding		So			15		0	in phyllite (folding)
18	Bedding		So			15		0	in phyllite (folding)
20	Bedding		So			5		0	in phyllite (folding)
21.7	Cleavage		Ssh	chl		50			foliation within chlorite quartz veins throughout unit interval [alignment of chlorite wedges and foliated bands]
21.7	Veins			chl	FOL	50			foliation within chlorite quartz veins throughout unit interval [alignment of chlorite wedges and foliated bands]
21.7	Veins			chl	SHTV	50		0	foliation within chlorite quartz veins throughout unit interval [alignment of chlorite wedges and foliated bands]
23	Bedding		So			58		0	foliation in phyllite
25	Bedding		So			70		0	foliation in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
27	Bedding		So			45		0	in phyllite (folding)
27.9	Faults				Gouge	50		0	poorly recoverd gouge along fracture
28	Bedding		So			59		0	in phyllite
28.7	Veins			chl	FOL	60		0	foliation concordant iron-carbonate-chlorite-quartz vein
29.5	Veins			chl	FOL	58		0	sheeted, iron-carbonate-quartz veinlets in phyllite
30	Bedding		So			58		0	in phyllite
33.4	Bedding		So			40		0	in phyllite
39.8	Bedding		So			52		0	in phyllite
41	Bedding		So			42		0	in phyllite
43	Bedding		So			44		0	in phyllite
45	Bedding		So			41		0	in phyllite
47	Bedding		So			46		0	in phyllite
49	Bedding		So			45		0	in phyllite
50.7	Bedding		So			45		0	in phyllite
51.3	Bedding		So			41		0	in phyllite
53	Bedding		So			40		0	in phyllite
54.5	Bedding		So			45		0	in phyllite
56	Bedding		So			42		0	in phyllite
56.2	Veins			fecb		15		0	3 intersecting low core angle quartz-iron-carbonate seams
56.8	Joints			fecb	Gouge	35		0	with thin gouge coating and iron staining
56.9	Bedding		So			38		0	in phyllite
57.5	Bedding		So			42		0	in phyllite
59.3	Bedding		So			60		0	in phyllite
59.3	Veins				FOL	60		0	3 vuggy quartz veinlets over 20cm in phyllite
60.15	Bedding		So			41		0	in phyllite
61.3	Bedding		So			40		0	in phyllite
63.28	Bedding		So			40		0	in silt interbedding
63.3	Axial Plane		Fx			60		0	5cm amplitude closed fold profile in silt interbedding
64	Bedding		So			44		0	in silt interbedding
65.5	Bedding		So			43		0	in phyllite
67.2	Bedding		So			48		0	in phyllite
67.6	Fold axes		Fx			62		0	doubled isoclinal folding
69	Bedding		So			45	235	0	in phyllite
69.6	Bedding		So			45		0	in phyllite
72.8	Bedding		So			45		0	in phyllite
74	Bedding		So			50		0	in phyllite
74.3	Faults			hem	Gouge	35		0	~10-15cm gouge along hematized fracture
74.3	Bedding		So			43		0	in phyllite
74.46	Faults				Gouge	42		0	gouge seam along smooth fracture

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
76	Bedding		So			62		0	in phyllite
76.43	Faults				FOL	60		0	20cm of gouge and fragments along foliation
78	Bedding		So			38		0	in phyllite
80	Bedding		So			50		0	in phyllite
80.54	Veins					40		0	2 white quartz veinlets over 15cm
82	Bedding		So			55		0	in phyllite
84	Bedding		So			48	250	0	in phyllite
86	Bedding		So			55		0	in phyllite
86.31	Contact					63		0	lower contact of phyllite unit; upper contact of QPC unit; sharp, planar & competent
87.5	Cleavage		Ssh	chl		72		0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
87.5	Veins		Ssh		FOL	65		0	slightly folded, sometimes boudinaged quartz vein wedges in low grade chloritized shearing
88.7	Veins			fecb	FOL	40	155	0	4cm thick, buff-yellow massive quartz vein in iron-carbonate stained QPC with cleearly developed fabric and slightly brecciated appearance
88.8	Cleavage		Ssh			40	155	0	well developed fabric in iron stained QPC with slightly brecciated appearance
89.26	Contact				FOL	50	95	0	sharp, competent upper contact of phyllite wedge in QPC concordant to phyllite foliation
89.59	Contact				FOL	50	90	0	sharp, competent lower contact of phyllite wedge in QPC concordant to phyllite foliation
91.24	Veins		Ssh		SHTV	50	125	0	veinlets and boudins in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
91.24	Cleavage		Ssh			50	125	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
91.5	Cleavage		Ssh			70	60	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae @ lower shear zone boundary
92.18	Veins					50	115	0	folded/flexed vein orienation in QPC (original texture discernible)
92.36	Veins				SHTV	70	140	0	group of white quatz veining in low grade shear zone with slighty diffuse boundaries
92.74	Veins					40	200	0	vein orientation in low grade vein is cut-off by cave-in and grinding
92.74	Joints				Open			0	Cave-in with 30cm of sandy clay in-fill material (extra material in run)
92.8	Joints			fecb	Open	45		0	iron-clay coated, natural fracture
93.1	Contact				FOL	60		0	5cm thick phyllite wedge
93.8	Veins				SHTV	60	160	0	foliation concordant veins in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
94	Cleavage		Ssh	chl		60	160	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae @ lower shear zone boundary
95	Veins				SHTV	60	250	0	galena mineralized vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
95.23	Veins				SHTV	60	250	0	vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
98	Cleavage		Ssh			80		0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
98.8	Cleavage		Ssh			60	350	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
98.8	Veins					50	25	0	flex-folded vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
99.46	Veins					60	320	0	vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
99.62	Cleavage		Ssh			65	310	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
100.05	Contact					50	270	0	sharp, chlorite rimmed shear zone boundary, bounds QPC with original texture below
100.07	Contact					60	130	0	sharp, chlorite rimmed shear zone boundary, bounds QPC with original texture below
100.08	Cleavage		Ssh			44	255	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
100.08	Veins					15		0	VG in 4cm long wispy, low core angle vein boudin (only partially penetrative
100.08	Veins				SHTV	44	255	0	flex-folded vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
100.42	Veins					40	135	0	late stage quartz seam low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae (cross-cuts other veining present)
100.42	Veins					50	235	0	DRUSY: euhedral, hexagonal quartz crystals in vuggy vein orienation in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
101	Cleavage		Ssh			45	235	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
101.84	Veins					30	145	0	quartz seam in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
102.08	Veins					38	100	0	very diffuse, interjected veining in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
102.2	Cleavage		Ssh			60	200	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
102.2	Veins				FOL	60	210	0	veining in low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
103	Veins			fecb		10	308	0	buff-yellow, 3.5 cm thick vein with iron-staining and sulfide mineralization in low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
103.2	Veins					70		0	sulfide mineralized veinlet cut off by (oriented) low core angle veinlet
103.6	Cleavage		Ssh			65	160	0	low grade shearing with ~0.8cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
104.16	Veins					10		0	buff yellow- low core angle quartz vein [about 48degree acute intersection angle with shear foliation]
104.46	Contact				FOL	55		0	upper contact of VG mineralized massive quartz vein; this veins cuts of a low core angle quartz vein like the one seen @103m;appears concordant to low grade shear foliaton
105.52	Contact				FOL	60		0	lower contact of VG mineralized massive quartz vein; this veins cuts of a low core angle quartz vein like the one seen @103m; appears concordant to low grade shear foliation
106.2	Cleavage		Ssh			65		0	low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
108.3	Veins				SHTV	43		0	variable thickness, sulfide mineralized quartz veins in low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
109.02	Veins					10		0	~5cm thick milky white, udulated quartz vein that runs over 1m subparallel to core axis
109.7	Veins				SHTV	38		0	early stage veinlets
109.83	Veins					22		0	late stage (cross-cuts) veinlet
110.18	Cleavage		Ssh			40	235	0	low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
110.18	Veins				SHTV	40	235	0	dark grey sulfide seams in foliation concordant quartz veining in low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
110.7	Cleavage		Ssh			60	20	0	low grade shearing with ~1cm spacing of wispy, semi-penetrative, grey-green chlorite lamellae
111.5	Bedding		So			50		0	foliation in phyllite in faultzone boundary
111.6	Veins				FOL	50		0	massive brecciated quartz vein
112.1	Bedding		So			80	248		in phyllite

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
115.5	Bedding		So		Gouge	50		0	foliaton in gouged phyllite
117	Bedding		So		Gouge	60		0	foliation in partially gouged phylite
118.5	Cleavage		Ssh			38		0	shearing within gouge
118.5	Veins				SHTV	38		0	shearing within gouge
121.2	Veins				STWK			0	multiply cross-cutting dusty white vein seams in phyllite fault zone
125	Veins				STWK			0	multiply cross-cutting dusty white veins in phyllite fault zone
125	Bedding		So			75		0	foliation in phyllite fault zone
126	Bedding		So			52	205	0	foliation in phyllite in fault zone
128	Bedding		So			58		0	foliation in phyllite in fault zone
130.5	Veins				SHTV	28		0	repeated vein orientation in QPC
132	Bedding		So			62		0	foliation in phyllite in fault zone
132	Bedding		So			53		0	foliation in phyllite in fault zone
133	Veins				SHTV	35	200	0	repeated vein orientation in QPC
135.5	Veins				SHTV	35	160	0	repeated vein orientation in QPC
138	Veins				SHTV	5		0	late stage vein orientation in QPC (crosscuts other vein patterns)
140.42	Contact				Gouge	85		0	upper contact of gouged phyllite wedge - concordant to phyllite foliation
140.52	Contact				Gouge	85		0	lower contact of gouged phyllite wedge concordant to phyllite foliation
141.2	Faults				Gouge	70		0	repeated, tightly spaced, high core angle fractures coated with gouge seams in QPC
143.5	Faults				Gouge	30		0	gouge and friable rock along low core angle quartz veining
144	Veins				SHTV	5		0	early stage vein orienation in QPC unit
145	Veins				SHTV	45		0	late stage repeated vein orientation in QPC
145.94	Contact				Gouge	45		0	gouge phyllite wedge in QPC emplaced concordant to phyllite foliation
148	Veins					35		0	late stage vein orientation in QPC
148	Veins					10		0	early stage vein orientation in QPC
154	Faults				Gouge	65		0	QPC gouge - Phyllite contact concordant to phyllite foliation
154.05	Bedding		So		Gouge	70		0	in gouged phyllite
155.2	Bedding		So			52		0	foliation in phyllite
157	Bedding		So			60		0	foliation in phyllite
157	Veins				FOL	60		0	flex folded vein seams in phyllite concordant to foliation
159	Bedding		So			56		0	foliation in phyllite
159.15	Veins					25		0	iron-carbonate altered, vuggy veinlets in phyllite
159.5	Faults				Gouge	80			4cm gouge wedge concordant to phyllite foliation, pyrite mineralized
159.5	Faults				FOL	80		0	4cm gouge wedge concordant to phyllite foliation, pyrite mineralized
160	Veins			fecb	TVA	35		0	braching, low core angle, iron-carbonate veinlets
162.12	Contact				FOL	72		0	contact between phyllite-silt and sandstone concordant to foliation in phyllite-silt
162.2	Veins				SHTV	22		0	repeated vein orientation in sandstone
162.8	Veins				SHTV	10		0	repeated early stage vein orienation
162.8	Veins				SHTV	25		0	repeated late stage vein orienation
165.06	Bedding		So			80		0	localized foliation in silt interbedding with semi-penetrative chlorite wisps

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
165.07	Faults				Gouge	80		0	20cm gouge wedge with silt source along hard comptent, foliation concordant contacts
167	Veins				SHTV	30		0	vuggy, pyrite mineralized vein orientation in sandstone
167.5	Bedding		So			60		0	foliation in silt interbedding
169.7	Veins					40	25	0	6cm thick, milky white quartz veinin chloritized sandstone
170.6	Veins					25	25	0	vein orientation in chloritized sandstone
172.6	Veins				TVA	25		0	tension vein array in chloritized sandstone
174.48	Faults				FOL	80		0	healed fault contact in form of aligned phyllite wedges over 10cm in chloritized sandstone
175.5	Bedding		So			70		0	in phyllite interbedding
175.63	Faults				FOL	70		0	5cm light grey gouge wedge along silt-phyllite interbedding
175.7	Veins			fecb		25		0	pyrite mineralized iron-carbonate veinlets
176.05	Veins				SHTV	40	0	0	several parallel white quartz veinlets in chloritized sandstone
177	Bedding		So			75	155	0	in phyllite interbedding
177.5	Contact				FOL	70	230	0	contact between phyllite and green, chloritized sandstone interbed concordant to phyllite foliation
178.02	Bedding		So			70	220	0	in phyllite interbedding
178.02	Faults			chl	FOL	70	220	0	green chloritized sandstone wedge along hard competent contacts with phyllite and contains cut-off low core angle vein
178.02	Veins					20	20	0	cut-off vein in faulted chloritized sandstone wedge with hard competent contacts
178.2	Veins				bx matrix	80		0	densely spaced foliation discordant quartz veining in black phyllite (low grade shearing?). Veins are folded + up to 4cm thick and have a brecciated appearance [contain angular phyllite clasts].
178.6	Faults			chl	bx matrix	56			gouging and localized, low strength breccia discordant to foliation of phyllite with chlorite wedges in matrix
178.6	Contact				FOL	65			phyllite-sandstone contact [phyllite above, sandstone below] concordant to phyllite foliation
178.7	Bedding		So			70			in phyllite
179.8	Bedding		So			52			in phyllite
180	Veins			fecb	SHTV	25			multiple, parallel quartz-iron-carbonate veinlets in sandstone
182.6	Veins			fecb		0			folded/undulated, ~1cm thick quartz-iron-carbonate veining
182.7	Veins			fecb	SHTV	50	250		quartz-iron-carbonate veining in phyllite
182.96	Contact				FOL	80			sharp competent contact between sandstone and phyllite (sandstone above and phyllite below) -- concordant to phyllite foliation
182.98	Bedding		So			80			in phyllite
183.3	Veins			fecb	SHTV	35	340		quartz-iron-carbonate veining in phyllite
183.4	Bedding		So			70	250		in phyllite
183.89	Bedding		So			70	190		in pyllite
183.89	Veins			py		45	180		quartz-pyrite stringer veinlet in phyllite
184	Veins				chl	40	30		quartz-chlorite-pyrite veinlet near contact
184	Bedding		So			50	190		in phyllite
184.8	Contact				Gouge	10	160		gouge-clay coated fracture at lithological contact
185.2	Veins			fecb	SHTV	40	320		sulfide mineralized, low core angle quartz-iron-carbonate veining in chloritized sandstone
186.4	Veins			fecb		35	20		quartz-iron-carbonate vein in chloritized sandstone
186.7	Veins			fecb	SHTV	45	340		quartz-iron-carbonate boudins in chloritized sandstone wedge

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Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
189	Bedding		So			55	270		in phyllite
190.67	Faults				Gouge	70			partially gouged 15cm wedge of phyllite along sharp, planar competent contacts subconcordant to phyllite foliation
190.8	Bedding		So			70			in phyllite
192	Bedding		So			40	270		in phyllite
192.92	Veins				SHTV	70			foliation concordant, vuggy, pyrite mineralized veins in low grade shearing at upper bound of major fault zone
194.78	Contact					60	260		Compositional contact at fold hinge
194.8	Bedding		So			0			cleavage running paralle to core axis
194.88	Contact					60	260		Compositional contact at fold hinge
195.5	Axial Plane		Fx			38			low amplitude (~2cm) closed fold profiles
196	Bedding		So			50			foliation in phyllite
198	Bedding		So			85			in phyllite fragments
201.04	Veins				FOL	85			several, densely spaced, dustey white, quartz seams concordant to phyllite foliation
201.04	Bedding		So			85			in phyllite
201.6	Cleavage		Ssh			60	230		low strain fabric
201.9	Contact				FOL	65	230		lithological contact [sheared phyllite above & sandstone below], hard & competent concordant to fabric in phyllite
202.5	Veins				SHTV	35	65		quartz seams in sandstone
203.15	Contact				FOL	65	250		lithological contact [sheared phyllite below & sandstone above], hard & competent concordant to fabric in phyllite
204	Bedding		So			80	220		in phyllite
205	Bedding		So			65	255		in phyllite
205.55	Veins				SHTV	65	240		foliation concordant, milky white quartz veins in phyllite
208	Bedding		So			75	250		in phyllite
210	Bedding		So			75	255		in phyllite
212	Cleavage		S1			60	265		in phyllite
213.4	Veins					20	238		folded, dusty white veinlets, off-set along foliation
214	Bedding		So			85	180		in phyllite-silt laminar interbedding
214.65	Contact				FOL	85			upper contact of QPC wedge in phyllite, contact concordant to phyllite foliation and cuts of veining in QPC
214.83	Contact				FOL	85			lower contact of QPC wedge in phyllite, contact concordant to phyllite foliation and cuts of veining in QPC
216.08	Contact					88	180		phyllite-sandstone QPC
216.2	Veins				SHTV	10	355		multiple, densely spaced, diffuse quartz seams in QPC
216.86	Contact				FOL	80			upper contact of phyllite wedge
217.16	Contact				FOL	80			lower contact of phyllite wedge
219.8	Contact				Gouge	80			1cm thick phyllite gouge seam in QPC unit
220.2	Contact				FOL	65			upper contact of folded partially gouged phyllite wedge in QPC unit wedge is ~50cm long and lower contact is fragmented
221.7	Contact					60			upper contact of massive ~0.7m thick, sulfide mineralized quartz vein; lower contact is fragmented

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Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
223.1	Veins				SHTV	10			multiple low core angle, ~1cm thick quartz veins in QPC
223.5	Contact				FOL	45			upper contact of phyllite wedge with quartz-ankerite-veining, concordant to phyllite foliation
223.7	Contact								lower, fragmented contact of phyllite wedge in QPC unit
225.2	Contact				Gouge	30			folded, curved, smooth contact of QPC above and gouged (barely recovered) phyllite wedge below
230	Veins				SHTV	30			multiple, slightly vuggy, <3cm thick, milky white quartz veinlets in QPC unit
230	Veins				SHTV	10			common vein orientation in QPC unit: multiple, slightly vuggy, <3cm thick, milky white quartz veinlets have iron-carbonate patches
233	Veins				SHTV	45			common vein orientation in QPC unit: multiple, slightly vuggy, <3cm thick, milky white quartz veinlets have iron-carbonate patches
236.3	Contact				FOL	55			sharp, competent lithological contact between QPC and Phyllite unit below -- concordant to phyllite foliation
237	Veins				Gouge	60			narrow zone of low grade shearing with with intensified quartz veining
237	Veins				Gouge	20			gouge-terminated, vuggy, milky white quartz vein with upper contact at 20TCA and lower contact cut-off along foliation
237	Veins				Gouge	60			narrow zone of low grade shearing with with intensified quartz veining
238.4	Veins					15			1.5cm thick, low core angle, vuggy, pyrite mineralized quartz boudin; upper contact cut off along foliation
239.5	Bedding		So			70			smooth cleavage along bedding
240	Bedding		So			72			smooth cleavage along bedding in phyllite
244	Bedding		So			80			smooth cleavage along bedding in phyllite
244.5	Bedding		So		Gouge	80			3mm gouge seam along bedding cleavage
244.6	Bedding		So		Gouge	80			3mm gouge seam along bedding cleavage
245.44	Faults				Gouge	20			friable clay along irregular low core angle fracture
246.7	Bedding		So			85			cleavage along bedding in phyllite
246.7	Veins				TVA	85			repeated 0.5cm thick foliation concordant tension veining
247.6	Cleavage		Sx			75	280		thin wispy foliated phyllite wedges in sandstone
248.63	Bedding		So			40	270		foliation in silt/sand as part of extended low amplitude open fold profile
248.63	Contact				FOL	50	280		phyllite wedge in sandstone that contains fold profile with folded foliation smoothly continuing from sand/silt stone into phyllite
248.66	Bedding		So			15	270		foliation in silt/sand as part of extended low amplitude open fold profile
248.68	Axial Plane		Fx			85	360		cleavage parallel to axial plane in phyllite wedge with 2cm amplitude fold profile
248.82	Contact				FOL	47			lower contact of phyllite wedge located on fold hinge -- concordant to phyllite foliation. Hard competent contact with fine-grained sandstone Fold hinge has quartz-iron-carbonate wedges and is preferentially pyrite mineralized
249	Faults				Gouge				narrow zone of gouged/partially softened sandstone fragments
249.3	Contact								Cave-in with rubbled lithologically diverse material
249.7	Veins					45			early vein orientation in fine grained sandstone bed
249.7	Veins					5			late vein orientation in fine grained sandstone

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Plunge: 75 **Azimuth:** 270 **EOH:** 288

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
250.3	Contact				FOL	84			sandstone to phyllite contact concordant to phyllite bedding foliation; folding discernible in phyllite
250.48	Faults				Gouge	45			poorly recovered ~10cm gouge seam with pyrite mineralization along rough 45TCA fracture
252	Bedding		So			85	90		cleavage along compositional bedding in phyllite
252	Veins			fecb	Veinlets	30	10		quartz-iron-carbonate veinlets in phyllite
253.8	Bedding		So			70	80		cleavage along compositional bedding in phyllite
254.5	Bedding		So			65	100		cleavage along compositional bedding in phyllite
258	Bedding		So			60	85		cleavage along compositional bedding in phyllite
261	Bedding		So			75	70		cleavage along compositional bedding in phyllite
261.3	Veins				SHTV	45	320		several pyrite mineralized, buff, quartz-iron-carbonate veinlets
263.85	Veins				FOL	60			~35cm thick massive white quartz vein with buff iron-carboante patches and minor very fine-grained pyrite mineralization in wallrock
264.5	Axial Plane		Fx			80			isoclinal folding with 2cm amplitude and high core angle foliation on upper and lower fold limbs
264.7	Bedding		So			70			bedding cleavage in silt-rich phyllite
264.98	Axial Plane		Fx			85			open isoclinal folding with 0.5cm amplitude and ~12cm wavelength
265	Bedding		So			5			bedding in cleavage in silt-rich phyllite
265.2	Bedding		So			50			foliation in silt-rich phyllite
265.3	Bedding		So			55			foliation in coarse graine sandstone; alignment of quartz clasts
265.3	Contact					88			sharp contact between metamorphosed silt stone and coarse grained sandstone
266	Bedding		So			30	295		compositional bedding cleavage
267.33	Faults				Gouge	55			upper contact of tan fault gouge emplaced along foliation in silt layer within phyllite
268.65	Faults				Gouge	22			lower contact of tan fault gouge emplaced along foliation in silt layer within phyllite
269	Bedding		So			34			bedding cleavage in silt layer
272.8	Veins					20			milky, low core ange quartz veining in QPC unit
273.6	Faults				Gouge	85			gouge wedge along high core ange at QPC to silt transition
274.5	Faults								gouged fragments (~30cm) along non-planar contact
277	Bedding		So			10			bedding cleavage near fold hinge
277.2	Bedding		So			5			bedding cleavage near fold hinge
279.1	Bedding		So			22			cleavage as part of compositional bedding in silt
279.5	Axial Plane		Fx			72			"cink" folds in silt sequence
280.95	Contact				FOL	32			contact between silt-phyllite sequence and coarse grained sandstone
281	Cleavage		Sx			68	235		weakly expressed textural fabric in coarse grained sandstone
282	Cleavage		Sx			67	225		weakly expressed foliation in granule/coarse grained sandstone unit
284.33	Faults				FOL	40	300		phyllite wedge that cuts off low core angle quartz veining in sandstone below
285.2	Bedding		So			34	285		compositional bedding cleavage
285.63	Axial Plane		Fx			81	180		localized "cink" fold
286.6	Axial Plane		Fx			68	265		localized "cink" fold
288	Bedding		So			31	295		compositional bedding cleavage in silt

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28470	4.5	6.1	2011	Expl Geochem	H-split	QZVN
28471	6.1	9	2011	Expl Geochem	H-split	MT-Phy
28472	9	12	2011	Expl Geochem	H-split	MT-Phy
28473	12	15	2011	Expl Geochem	H-split	MT-Phy
28474	15	17.5	2011	Expl Geochem	H-split	MT-Phy
28475	17.5	21	2011	Expl Geochem	H-split	MT-Phy
28476	21	24	2011	Expl Geochem	H-split	MT-Phy
28477	24	27	2011	Expl Geochem	H-split	MT-Phy
28478	27	30.5	2011	Expl Geochem	H-split	MT-Phy
28479	30.5	33	2011	Expl Geochem	H-split	MT-Phy
28480	33	36.32	2011	Expl Geochem	H-split	MT-Phy
28481	36.32	38.4	2011	Expl Geochem	H-split	MT-Phy
28482	38.4	41	2011	Expl Geochem	H-split	MT-Phy
28483	41	44	2011	Expl Geochem	H-split	MT-Phy
28484	44	46.5	2011	Expl Geochem	H-split	MT-Phy
28485	46.5	48	2011	Expl Geochem	H-split	MT-Phy
28486	48	50.4	2011	Expl Geochem	H-split	MT-Phy
28487	50.4	53	2011	Expl Geochem	H-split	MT-Phy
28488	53	56	2011	Expl Geochem	H-split	MT-Phy
28489	53	56	2011	STND	CDN-GS-8B	MT-Phy
28490	53	56	2011	DUP	Q-Split	MT-Phy
28491	56	58	2011	Expl Geochem	H-split	MT-Phy
28492	58	60	2011	Expl Geochem	H-split	MT-Phy
28493	60	63	2011	Expl Geochem	H-split	MT-Phy
28494	63	66	2011	Expl Geochem	H-split	MT-Phy
28495	66	69	2011	Expl Geochem	H-split	MT-Phy
28496	69	72	2011	Expl Geochem	H-split	MT-Phy
28497	72	75	2011	Expl Geochem	H-split	MT-Phy
28498	75	78	2011	Expl Geochem	H-split	MT-Phy
28499	78	81	2011	Expl Geochem	H-split	MT-Phy
28500	81	84	2011	Expl Geochem	H-split	MT-Phy
28501	84	86.31	2011	Expl Geochem	H-split	MT-Phy
28502	86.31	88.31	2011	Expl Geochem	H-split	MT-CO
28503	88.31	89.59	2011	Expl Geochem	H-split	QZVN
28504	89.59	92	2011	Expl Geochem	H-split	MT-CO
28505	92	93	2011	Expl Geochem	H-split	QZVN
28506	93	94	2011	Expl Geochem	H-split	MT-CO
28507	94	95	2011	Expl Geochem	H-split	QZVN

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 288

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28508	95	96	2011	Expl Geochem	H-split	MT-CO
28509	96	97	2011	Expl Geochem	H-split	QZVN
28510	97	98	2011	Expl Geochem	H-split	MT-CO
28511	98	99	2011	Expl Geochem	H-split	QZVN
28512	99	100	2011	Expl Geochem	H-split	MT-CO
28513	100	101	2011	Expl Geochem	H-split	QZVN
28514	101	102	2011	Expl Geochem	H-split	MT-CO
28515	102	103	2011	Expl Geochem	H-split	QZVN
28516	103	104.16	2011	Expl Geochem	H-split	MT-CO
28517	104.16	105.2	2011	Expl Geochem	H-split	QZVN
28518	105.2	106.2	2011	Expl Geochem	H-split	MT-CO
28519	106.2	107.2	2011	Expl Geochem	H-split	QZVN
28520	107.2	108.2	2011	Expl Geochem	H-split	MT-CO
28521	108.2	109	2011	Expl Geochem	H-split	QZVN
28522	109	110.2	2011	Expl Geochem	H-split	MT-CO
28523	110.2	111.2	2011	Expl Geochem	H-split	MT-CO
28526	111.2	113.2	2011	Blank	LWS_2011	MT-Phy.bx
28524	111.2	113.2	2011	Expl Geochem	H-split	MT-Phy.bx
28525	111.2	113.2	2011	DUP	Q-Split	MT-Phy.bx
28527	113.2	117	2011	Expl Geochem	H-split	MT-Phy.bx
28528	117	120	2011	Expl Geochem	H-split	MT-Phy.bx
28529	120	123	2011	Expl Geochem	H-split	MT-Phy.bx
28530	123	126	2011	Expl Geochem	H-split	MT-Phy.bx
28531	126	129	2011	Expl Geochem	H-split	MT-Phy.bx
28532	129	130.2	2011	Expl Geochem	H-split	MT-Phy.bx
28533	130.2	133.8	2011	Expl Geochem	H-split	MT-Phy.bx
28534	133.8	135	2011	Expl Geochem	H-split	MT-CO
28535	135	138	2011	Expl Geochem	H-split	MT-CO
28536	138	141	2011	Expl Geochem	H-split	MT-CO
28537	141	144	2011	Expl Geochem	H-split	MT-CO
28538	144	147	2011	Expl Geochem	H-split	MT-CO
28539	147	150	2011	Expl Geochem	H-split	MT-CO
28540	150	153	2011	Expl Geochem	H-split	MT-CO
28541	153	154	2011	Expl Geochem	H-split	MT-CO
28542	154	155.7	2011	Expl Geochem	H-split	MT-Phy
28543	155.7	159	2011	Expl Geochem	H-split	MT-Phy
28544	159	162.12	2011	Expl Geochem	H-split	MT-Phy
28545	162.12	165.05	2011	Expl Geochem	H-split	MT-SS.cgr
28546	165.05	168	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-016 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 288

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28547	168	171	2011	Expl Geochem	H-split	MT-SS.cgr
28548	171	174.48	2011	Expl Geochem	H-split	MT-SS.cgr
28549	174.48	177	2011	Expl Geochem	H-split	MT-Phy
28550	177	179.86	2011	Expl Geochem	H-split	MT-Phy
28551	179.86	182.96	2011	Expl Geochem	H-split	MT-SS.mgr
28552	182.96	184.8	2011	Expl Geochem	H-split	MT-Phy
28553	184.8	187.5	2011	Expl Geochem	H-split	QZVN
28554	187.5	189	2011	Expl Geochem	H-split	MT-Phy.gf
28555	189	192	2011	Expl Geochem	H-split	MT-Phy.gf
28556	192	195.17	2011	Expl Geochem	H-split	MT-Phy.gf
28557	195.17	198	2011	Expl Geochem	H-split	MT-Phy.gf
28558	198	200.03	2011	Expl Geochem	H-split	MT-Phy.gf
28559	200.03	201.9	2011	Expl Geochem	H-split	MT-Phy.gf
28560	200.03	201.9	2011	STND	CDN-GS-8B	MT-Phy.gf
28561	200.03	201.9	2011	DUP	Q-Split	MT-Phy.gf
28562	201.9	203.15	2011	Expl Geochem	H-split	MT-SS.mgr
28563	203.15	205.69	2011	Expl Geochem	H-split	MT-Phy
28564	205.69	207	2011	Expl Geochem	H-split	MT-Phy
28565	207	210	2011	Expl Geochem	H-split	MT-Phy
28566	210	213	2011	Expl Geochem	H-split	MT-Phy
28567	213	216.08	2011	Expl Geochem	H-split	MT-SLT
28568	216.08	219	2011	Expl Geochem	H-split	MT-CO
28569	219	221.7	2011	Expl Geochem	H-split	MT-CO
28570	221.7	222.7	2011	Expl Geochem	H-split	QZVN
28571	222.7	223.7	2011	Expl Geochem	H-split	MT-CO
28572	223.7	225.3	2011	Expl Geochem	H-split	MT-CO
28573	225.3	228	2011	Expl Geochem	H-split	MT-CO
28574	228	231	2011	Expl Geochem	H-split	MT-CO
28575	231	234	2011	Expl Geochem	H-split	MT-CO
28576	234	236.43	2011	Expl Geochem	H-split	MT-CO
28577	236.43	237.3	2011	Expl Geochem	H-split	MT-Phy
28578	237.3	240	2011	Expl Geochem	H-split	MT-Phy
28579	240	243	2011	Expl Geochem	H-split	MT-Phy
28580	243	246	2011	Expl Geochem	H-split	MT-Phy
28581	246	247.3	2011	Expl Geochem	H-split	MT-Phy
28582	247.3	250.3	2011	Expl Geochem	H-split	MT-SS.fgr
28583	250.3	252	2011	Expl Geochem	H-split	MT-Phy
28584	252	255	2011	Expl Geochem	H-split	MT-Phy
28585	255	258	2011	Expl Geochem	H-split	MT-Phy

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-016	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	288					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28586	258	261	2011	Expl Geochem	H-split	MT-Phy
28587	261	263.85	2011	Expl Geochem	H-split	MT-Phy
28588	263.85	265.3	2011	Expl Geochem	H-split	MT-SLT
28589	265.3	267.33	2011	Expl Geochem	H-split	MT-SS.cgr
28590	267.33	268.65	2011	Expl Geochem	H-split	MT-SLT
28591	268.65	270	2011	Expl Geochem	H-split	MT-SLT
28592	270	271	2011	Expl Geochem	H-split	QZVN
28593	271	273.8	2011	Expl Geochem	H-split	MT-CO
28595	273.8	276	2011	DUP	Q-Split	MT-SLT
28596	273.8	276	2011	Blank	LWS_2011	MT-SLT
28594	273.8	276	2011	Expl Geochem	H-split	MT-SLT
28597	276	279	2011	Expl Geochem	H-split	MT-SLT
28598	279	280.45	2011	Expl Geochem	H-split	MT-SS.cgr
28599	280.45	284.24	2011	Expl Geochem	H-split	MT-SLT
28600	284.24	286	2011	Expl Geochem	H-split	MT-SLT
28601	286	288	2011	Expl Geochem	H-split	MT-SLT

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Location				Orientation			
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 60		**Start Date:** 04/08/2011	
533727.4	6843933.4			**Azimuth:** 270		**Finish Date:** 07/08/2011	
Elevation:	1548 m	**Grid Name:** NA		**EOH:** 296.0 m		**Status:** Completed	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ		**Contractor:** Driftwood	
NAD83	9						

Objective:
This drill hole test the down plunge potential of the same target as 3A-11-P02. This is a 62m step-out to the north. Targets expected at 92m and 140m.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
24	60.8	266.94	5841	Reflex	1
75	62.3	265.14	5825	Reflex	1
126	62.9	264.44	5839	Reflex	1
177	63.9	262.54	5839	Reflex	1
228	67.3	262.54	5838	Reflex	1
279	67.8	260.94	5843	Reflex	1
296	68	261.34	5841	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	4.5	no core recovered	CASING		100.0%				co	1
4.5	90.95	Quartz veining in black phyllite unit is extremely rare and generally present as sparse, dusty white (lacking vitreous lustre) thin seams that generally occur foliation discordant. Also several fragments of vuggy quartz-chlorite veining in upper 20 meters of unit. Quartz veining intensifies near lower contact of unit from 86.4-90.34m in form of 0.2-2cm thick quartz-iron-carbonate veining with intense pyrite mineralization. (Tension veins precede poorly recovered fault gouge from 90.34-90.95m.	QZVN		1.0%	w			br	1
4.5	90.95	black Phyllite with grey, thin silt laminae silt laminae increase somewhat from 43meters onwards texture too fine-grained to determine exact compostion Rock competence varies throughout unit: 4.5-24m very broken and blocky with lower recoveries 24-44.65m competent core 44.65-51.20m increased fragmentation and iron staining with partial gouging & low core angle fractures [weak brittle deformation] 51.20-60.30m mostly competent core -- slightly blocky 60.30-72.62m brittle & blocky with 40% interspersed gouged softened fragments; competent core interspersed throughout 72.62-79m mostly competent core 79-86.04 gouged fragments along iron stained low core angle fractures 86.04-90.34 mostly competent core 90.34-90.95 poorly recovered (~30%) gouge fault at lithological contact foliation along bedding planes throughout [see point measurements]	MT-Phy		99.0%	n			br	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
90.95	96.3	Unit has a sheared breccia texture with grey-green chlorite overprint at upper contact of unit that is expressed as alignment of wispy, semi-penetrative grey-green lamellae with about 0.5cm spacing. Also a multitude of frequently aligned vuggy, iron-stained quartz veins with diffuse and folded contacts. Localized stretching of quartz clasts. Sulfide mineralization in veining and wallrock -- generally very fine-grained & disseminated. Unit appeas to grade from QPC (presence of altered feldspar) with sheared quartz veins into a Quartz vein breccia (increase of clast size and angularity) towards lower contact. Part of a large scale fault zone from 90.34-111.00 meters, that crosses lithological boundaries. Unit grades into loss of competence and crush gouge towards lower contact.	QZVN	bx	40.0%	w			br	3
90.95	96.3	light grey Quartz-Pebble-Conglomerate with orange-rusty iron-carbonate over print in quartz veining, along vein boundaries and partially on feldspar. Composition: 85% white to light grey quartz; 15% feldspar ~5-10% dark grey (chlorite-rich?) matrix grainsize:2-5mm to 2cm towards lower contact of unit grainshape: subangular to subrounded feldspar appears pitted and either dusty white or rust-stained (white clay alteration with iron-stain overprint? - no buff colours) Unit has a sheared breccia texture with grey-green chlorite overprint at upper contact of unit that is expressed as alignment of wispy, semi-penetrative grey-green lamellae with about 0.5cm spacing. Also a multitude of frequently aligned vuggy, iron-stained quartz veins with diffuse and folded contacts. Localized stretching of quartz clasts. Sulfide mineralization in veining and wallrock -- generally very fine-grained & disseminated. Unit appeas to grade from QPC (presence of altered feldspar) with sheared quartz veins into a Quartz vein breccia (increase of clast size and angularity) towards lower contact. Part of a large scale fault zone from 90.34-111.00 meters, that crosses lithological boundaries. Unit grades into loss of competence and crush gouge towards lower contact.	MT-CO	bx	60.0%	gy	qtz	85	br	3
96.3	101.8	Quartz-Vein Breccia: generally low strength, but cohesive. about ~5% matrix in form of grey-green chlorite seams. Clast size about 0.5-3.5cm and very angular with white, to dusty white quartz clasts (lack of vitreous lustre). Occassional black-grey, high core angle (~80TCA) chlorite seams and massive high core angle pyrite stringers. All over colour is light grey (grey matrix with dusty white clasts) Interval is sulfide mineralized. Lower contact with gouged/faulted phyllite.	QZVN	bx	100.0%	gy			br	4
101.8	114.98	Veining as fragments, semi-massive (folded) boudins; veining is concentrated between 101.8-107 meters in zone of intense gouging. Veins near upper contact are brecciated and range from 10-40cm in thicknes with wedglike chlorite and phyllite inclusions as well as buff iron-carbonate overprints.	QZVN		10.0%	bf			fr	3
101.8	114.98	Black foliated and folded phyllite unit that includes zones of intense brittle deformation [see structure table]. Predominantly brecciated and gouged with a competent core interval from 111-114.2 where closed micro fold profiles are continuously bisected by thin, brown quartz-iron-carbonate seams. This unit is part of a large scale fault zone from 90.34-111.00 meters, that crosses lithological boundaries.	MT-Phy		90.0%	n			fr	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-017	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	296					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
114.98	125.5	light grey Quartz-Pebble-Conglomerate with a mulitude of blurred, elongated quartz vein wedges Unit appears streched and weakly brecciated. Difficult to determine between quartz clasts and quartz vein ribbons. ~10% pitted, iron-carbonate altered feldspar present. Grey, diffuse chlorite seams surrounding stretched quartz at ~0.5cm spacing. Unit also contains several angular (~15cm diameter) wedges of phyllite at center of unit. Lower contact is a poorly recovered section of brown fault gouge (silt source?) Unit is fragmented and brokent througout.	MT-Phy	bx	10.0%	n			br	2
114.98	125.5	light grey Quartz-Pebble-Conglomerate with a mulitude of blurred, elongated quartz vein wedges Unit appears streched and weakly brecciated. Difficult to determine between quartz clasts and quartz vein ribbons. ~10% pitted, iron-carbonate altered feldspar present. Grey, diffuse chlorite seams surrounding stretched quartz at ~0.5cm spacing. Unit also contains several angular (~15cm diameter) wedges of phyllite at center of unit. Lower contact is a poorly recovered section of brown fault gouge (silt source?) Unit is fragmented and brokent througout.	QZVN	bx	30.0%	w			br	2
114.98	125.5	light grey Quartz-Pebble-Conglomerate with a mulitude of blurred, elongated quartz vein wedges Unit appears streched and weakly brecciated. Difficult to determine between quartz clasts and quartz vein ribbons. ~10% pitted, iron-carbonate altered feldspar present. Grey, diffuse chlorite seams surrounding stretched quartz at ~0.5cm spacing. Unit also contains several angular (~15cm diameter) wedges of phyllite at center of unit. Lower contact is a poorly recovered section of brown fault gouge (silt source?) Unit is fragmented and brokent througout.	MT-CO	bx	60.0%	gy			br	2
125.5	133.8	Quartz-Vein-Breccia-QPC with rusty semi-pervasive iron-carbonate staining and elements of quartz-pebble-conglormerate (presence of about 5% pitted, buff-orange, iron-carbonate altered feldspar). Foliation fabric present in form of aligned dark grey chlorite wisps at about 3mm spacing. Quartz grades from, large angular fragments into foliation concordant veining iwth more defined sharp boundaries. Frequent rusty, low core angle fractures. Several intervals with crushed partially softened or friabe fragments. Breccia shows only scarce feldspar in form of iron-carbonate altered clasts until ~127m. From 127m downwards shear texture slowly fades and oringinal QPC texture becomes apparent but alignment of quartz clasts is maintained. Original Composition of QPC: 85% white stretched, subangular quartz; 15% angular, buff, iron-carbonate altered feldspar 5% dark grey chlorite matrix in form of aligned seams surrounding clasts.	MT-CO	bx	40.0%	gy	qtz	85	br	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
125.5	133.8	Quartz-Vein-Breccia-QPC with rusty semi-pervasive iron-carbonate staining and elements of quartz-pebble-conglormerate (presence of about 5% pitted, buff-orange, iron-carbonate altered feldspar). Foliation fabric present in form of aligned dark grey chlorite wisps at about 3mm spacing. Quartz grades from, large angular fragments into foliation concordant veining iwth more defined sharp boundaries. Frequent rusty, low core angle fractures. Several intervals with crushed partially softened or friabe fragments. Several intervals with crushed partially softened or friabe fragments. Breccia shows scarce evidence of feldspar in form of iron-carbonate altered clasts until ~127m. From 127m downwards shear texture slowly fades and oringinal QPC texture becomes apparent but alignment of quartz clasts is maintained.	QZVN	bx	60.0%	o			br	2
133.8	154.95	occassional narrow 1-10cm high core angle foliated phyllite wedges in QPC with contacts concordant to phyllite foliation and generally with at least one gouged contact; begin occuring from 144m downwards [see point measurements]	MT-Phy		1.0%	n			br	1
133.8	154.95	Quartz-Veining in medium grey QPC unit generally <1cm thick and very low core angle (10-15TCA) very fine-grained sulfide mineralization at vein contacts; veining frequently concordant to weakly developed shear foliation in QPC unit	QZVN		10.0%	w			br	1
133.8	154.95	medium grey Quartz-Pebble-Conglomerate (QPC) with a multitude of low core angle quartz veining: Composition: 83% subrounded to subangular white to light grey quartz clasts, which occassionally appear very stretched along very low core angles 15% pitted, powdered, orange-rusty, iron-carbonate altered feldspar 2% dark grey, fine-grained lithics (difficult to distinguish from chlorite matrix) or occassionally large angular, black phyllite clasts ~5% grey-green matrix (chlorite that surrounds clasts at a 10-20TCA alignment in fom of a weak shear foliation Grainsize: 3-6mm Core appears pitted and weathered. Upper Contact: below gouge fault/brittle deformation Lower Contact: gouge and phyllite wedging below frequent iron staining an fragmentation along low core angle fractures	MT-CO		89.0%	gy	qtz	83	br	1
154.95	156.07	black Phyllite - grey sand/silt Turbidite sequence interbed with sharp cometent lower contact concordant to phyllite foliation. Gouge wedge concordant to phyllite foliation near upper contact.	MT-Phy		40.0%	n			co	1
154.95	156.07	black Phyllite - grey sand/silt Turbidite sequence interbed with sharp cometent lower contact concordant to phyllite foliation. Gouge wedge concordant to phyllite foliation near upper contact.	MT-SS	fgr	60.0%	gy			co	1
156.07	159.6	This unit grades into QPC towards lower contct and bounds a narrow ~40cm low grade shear band at lower contact. Appears to be devoid of feldspar clasts (at least in upper part). Composition: 95% angular, ~3-5mm diameter white quartz clasts with occassional greenish stain + 5% dark grey-green, aligned chlorite sams as matrix Quartz veining occurs undulated and subparallel to core axis about 0.5-2cm thick with sharp boundaries that are chlorite rimmed and appear concordant to weakly developed shear foliation. very fine-grained disseminated sulfides throughout	QZVN	bx	100.0%	w	qtz	100	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-017	Grant No.:	YD07124
Plunge:	60	Azimuth:	270	EOH:	296		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
159.6	170.4	Quartz veining in QPC unit has frequent iron-carbonate patches, small vugs and generally does not exceed core angles of 15-20TCA. Veins are sulfide mineralized and with dissemination and rare clusters+stringers in veins and dissemination along wallrock contacts. Vein density & mineralization decreases in center portion of interval. [see point measurements for vein orientations]	QZVN		20.0%	bf			co	1
159.6	170.4	Quartz-Pebble-Conglomerate (QPC): 75% grey quartz, 20% buff-yellow, iron-carbonate altered feldspar, 5% dark lithics (some fairly large, angular phyllite clasts that show original bedding in fragments) Grainsize: 2-6mm Grainshape: subangular unit is sulfide mineralized due to low core angle 0.5-2cm thick quartz veinlets that persist throughout mineralization in veining and wallrock contacts; less veining present in center portion of unit Upper contact marked by narrow, localized zone of low grade shearing. Lower contact marked by brittle deformation.	MT-CO		80.0%	gy	qtz	75	co	1
170.4	176.04	Quartz veining in Phyllite silt sequences is generally 0.5-3cm thick and with prominent, buff iron-carbonate patches: - veins are sulfide mineralized - veins are generally discordant to compositional bedding foliation - veins are frequently parallel to axial planes of small scale, low amplitude cink folds in compositional bedding foliation - some veins occur as very thin seams - several high core angle quartz-pyrite stringer seams that off-set bedding foliation at lower contact of unit	QZVN		15.0%	bf			br	1
170.4	176.04	Phlyllite-Silt sequences at 1-10cm spacing - giving striped appearance. Phyllite colour black; Silt sequences have medium grey colour texture too fine-grained to determine exact composition Bedding foliation frequent show small, low amplitude cink folds that are often cross-cut by axial planar, buff quartz-carbonate veins. Upper contact is gouge faulted. Lower contact is fragmented, but appears concordant to phyllite-silt bedding foliation.	MT-SLT		35.0%	gy			br	1
170.4	176.04	Phlyllite-Silt sequences at 1-10cm spacing - giving striped appearance. Phyllite colour black; Silt sequences have medium grey colour texture too fine-grained to determine exact composition Bedding foliation frequent show small, low amplitude cink folds that are often cross-cut by axial planar, buff quartz-carbonate veins. Upper contact is gouge faulted. Lower contact is fragmented, but appears concordant to phyllite-silt bedding foliation.	MT-Phy		50.0%	n			br	1
176.04	184.25	Generally 1-2.5cm thick and milky white with buff, spotty iron-carbonate overprints ~1% pyrite in low core angle quartz-iron-carbonate veins and along wallrock contacts	QZVN		10.0%	w			co	1
176.04	184.25	grey Quartz-Pebble-Conglomerate (QPC) locally grading into coarse grained sandstone. Composition: 88% grey-transluscent quartz; 11% pitted, buff iron-carbonate altered feldspar; ~1% dark lithics (often phyllite clasts) Grainshape: angular to subangular Grainsize: 2-4mm (granule size) - generally equigranular	MT-CO		90.0%	gy	qtz	88	co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
184.25	204.58	short interchanging turbidite sequences: 184.25m--189.50m Phyllite-Silt interchanging with fine grained Sandstone 189.50m-191.70m Phyllite-Silt sequences 191.70m-194.10m coarse grained Sandstone 194.10m-197.72m Phyllite-Silt sequences 197.72m-200.95m chloritized green Sandstone 200.95m-204.58m Phyllite-Silt and fine-grained Sandstone sequences Turbidite interbedding contacts are generally concordant to phyllite foliaton at 60-75TCA. Composition of Sandstone Sequence: 80% grey quartz; 17% buff-orange (often pitted/powdered) iron-carbonate alterered feldspar; 3% dark lithics (occassionally discernible phyllite clasts) grains subangular to subrounded sandstone sequences range from fine grained to coarse grained	MT-SS	mgr	0.4%	gy	qtz	80	co	1
184.25	204.58	Quartz veining in interchanging turbidite sequences is generally: - in form of thin, <0.5cm thick, dusty white seams within phyllite-silt sequences - generally 1-2.5cm thick and milky white with buff, spotty iron-carbonate overprints in sandstone sequences and also on some thin vein seams in phyllite-silt sequences [see point measurements for details]	QZVN		5.0%	w			co	1
184.25	204.58	short interchanging turbidite sequences: 184.25m--189.50m Phyllite-Silt interchanging with fine grained Sandstone 189.50m-191.70m Phyllite-Silt sequences 191.70m-194.10m coarse grained Sandstone 194.10m-197.72m Phyllite-Silt sequences 197.72m-200.95m chloritized green Sandstone 200.95m-204.58m Phyllite-Silt and fine-grained Sandstone sequences Turbidite interbedding contacts are generally concordant to phyllite foliaton at 60-75TCA. [Texture of silt sequences too fine-grained to determine exact composition.]	MT-SLT		15.0%	gy			co	1
184.25	204.58	short interchanging turbidite sequences: 184.25m--189.50m Phyllite-Silt interchanging with fine grained Sandstone 189.50m-191.70m Phyllite-Silt sequences 191.70m-194.10m coarse grained Sandstone 194.10m-197.72m Phyllite-Silt sequences 197.72m-200.95m chloritized green Sandstone 200.95m-204.58m Phyllite-Silt and fine-grained Sandstone sequences Turbidite interbedding contacts are generally concordant to phyllite foliaton at 60-75TCA. [Texture of phyllite too fine grained to determine exact composition.]	MT-Phy		35.0%	n			co	1

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Plunge:	Azimuth:	EOH:
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
204.58	221	Quartz veining in Phyllite is generally densely concentrated into zone of brittle to brittle-ductile deformation [see structure intervals] - always contains buff iron-carboante alteration	QZVN		9.0%	w			br	1
204.58	221	fine-grained Sandstone beds generally as discrete 0.5-1 meter intervals and are dark grey to almost black in colour. Sandstone beds frequently contain large, angular phyllite clasts [see point measurements for contacts] Composition of sandstone beds: 70% grey quartz, 15% white, clay altered feldspar, 15% black lithics (possibly phyllite) Grainsize: 0.5mm Grainshape: subrounded	MT-SS	fgr	11.0%	gy			co	1
204.58	221	Predominantly black phyllite with discernible graphite along compositional bedding cleavages (unit has a dusty black appearance, i.e. lacks lustre). Grey, thin silt lamellae only appear after 214.61m downhole depth. Unit contains several intervals of high intensity quartz veining in localized zones of soft deformation/low grade brittle-ductile deformation. [see structure intervals] Graphite appears polished in zones of deformation (remobilized). Texture of phyllite too fine-grained to determine exact composition.	MT-Phy	gf	80.0%	n			br	1
221	223.8	prominent, buff, iron-carbonate axial planar veins in folded phyllite-silt sequences; 1-4cm thick and with slightly jagged boundaries + concentrated at center of interval	QZVN		5.0%	bf			co	1
221	223.8	Phyllite-Silt Sequence with prominent striped, rhythmic appearance. Several prominent small scale, low amplitude fold profiles that vary from open to closed. Texture to fine-grained to determine exact composition. Brittle faulting at contacts [see structures and point structures]	MT-SLT		25.0%	gy			br	1
221	223.8	Phyllite-Silt Sequence with prominent striped, rhythmic appearance. Several prominent small scale, low amplitude fold profiles that vary from open to closed. Texture to fine-grained to determine exact composition. Brittle faulting at contacts. [see structures and point structures]	MT-Phy		70.0%	n			br	2
223.8	248.59	Occassional narrow 10cm o 50cm long bands of silt-phyllite sequences in light grey Quartz-Pebble-Conglomerate (QPC). Locally also sand size sequences. Contacts usually concordant to bedding foliation of phyllite-silt sequences. Texture of phyllite-silt sequences too fine grained to determine exact composition. Generally black phyllite striping dominates over grey silt striping.	MT-SLT		7.0%	gy			co	1
223.8	248.59	Quartz veining in turbiditc (dominantly QPC) sequences: - generally milky white with sharp contact boundaries in QPC and sand sequences. - predominantly buff iron-carbonate altered, very deformed and highly varialbe in core axis angle in phyllite-silt sequences - often with grey-green chlorite wedges with in phyllite-silt sequences and occassional in QPC-Sand sequences [see point measurements for vein orientation trends]	QZVN		8.0%	w			co	1

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Plunge: 60 **Azimuth:** 270 **EOH:** 296

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
223.8	248.59	Occassional narrow 10cm o 50cm long bands of silt-phyllite sequences in light grey Quartz-Pebble-Conglomerate (QPC). Locally also sand size sequences. Contacts usually concordant to bedding foliation of phyllite-silt sequences. Texture of phyllite-silt sequences too fine grained to determine exact composition. Generally black phyllite striping dominates over grey silt striping.	MT-Phy		15.0%	n			co	1
223.8	248.59	Turbidite Sequence where light grey Quartz Pebble Conglomerate (QPC) predominates with occassional narrow 10cm o 50cm long bands of silt-phyllite sequences. Locally also sand size sequences. QPC predominant granule size (2-4mm) several coarser pebble size sequences at center of unit. Composition: 80% grey, semi-transluscent quartz; 15% buff-creme, iron-carbonate altered feldspar; 5% black lithics (predominantly discernible as phyllite clasts) Grainshape: subangular upper contact of unit is predominated by a transitional phyllite-silt sequences lower contact is sharp against a zone of phyllite-silt with quartz-iron-carbonate tension veining	MT-CO		70.0%	gy			co	1
248.59	252.55	densely distributed quartz-iron-carbonate veining in folded phyllite-silt unit in form of partially penetrative wedges (frequently pyrite clustered) and often foliation concordant; varying thickness - as seams and up to 4cm thick	QZVN		30.0%	bf			co	1
248.59	252.55	Phyllite-Silt interbedding (black-grey striping) with clearly visible, repeated open to closed fold profiles of about 1-2cm amplitude and wavelength exceeding 10cm (but variable)	MT-SLT		30.0%	gy			co	1
248.59	252.55	Phyllite-Silt interbedding (black-grey striping) with clearly visible, repeated open to closed fold profiles of about 1-2cm amplitude and wavelength exceeding 10cm (but variable) densely distributed quartz-iron-carbonate veining in form of partially penetrative wedges (frequently pyrite clustered) and often foliation concordant; varying thickness - as seams and up to 4cm thick	MT-Phy		40.0%	n			co	1
252.55	255.7	singular quartz-iron-carbonate veined phyllite wedge	MT-Phy		5.0%	n			co	1
252.55	255.7	multiple vein seams and tension veins in green chloritized, fine grained sandstone; also massive 10-30cm quartz-chlorite-iron caronate veining. Pyrite mineralization is vein related	QZVN		15.0%	w			co	1
252.55	255.7	dark grey-green, fine-grained chloritized sandstone Composition: 75% quartz, 20% white and green clay/chlorite altered feldspar, 5% dark grey-green lithics Grainsize: ~0.5-1mm grains are subrounded Sharp competent contacts; contains a singular iron-quartz-carbonate veined phyllite wedge Hosts a multitude of tension vein seams	MT-SS	fgr	80.0%	g	qtz	75	co	1
255.7	277.2	frequent pyrite mineralized, generally low core angle quartz-chlorite-iron-carbonate veins from 255.7m-268.6m.	QZVN		2.0%	bf			co	1
255.7	277.2	black phyllite with occasional laminar, grey silt interbedding texture too fine-grained to determine exact composition generally competent, but locally friable and broken	MT-Phy		98.0%	n			co	1
277.2	278.5	densely spaced, parallel, buff quartz-iron carbonate seams at high core angles	QZVN		4.0%	bf			co	1
277.2	278.5	very fine-grained sandstone sequence with sharp competent contact with phyllite above and below. Both upper and lower contacts are concordant to phyllite foliation. Composition: 80% grey quartz, 18% white, clay altered feldspar; 2% dark lithics ---- ~3% matrix Grainshape: subrounded Grainsize: 0.5mm (locally almost silt size)	MT-SS	fgr	96.0%	gy	qtz	80	co	1

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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
278.5	295.7	quartz veining in phyllite unit in sparsely distributed, but generally always has prominent buff iron-carbonate patches; veining is <4cm thick and occurs at either <30TCA or >60TCA. Frequently pyrite mineralized.	QZVN		2.0%	bf			co	1
278.5	295.7	Black phyllite with grey, laminar silt interbedding that occassionally forms discrete up to 15cm thick interbeds. Texture too fine-grained to determine exact composition. Both upper and lower contacts are hard and competent.	MT-Phy		98.0%	n			co	1
295.7	296	foliation/fold concordant milky white quartz vein wedge in chloritized sandstone	QZVN		40.0%	w			co	1
295.7	296	grey-green chlorite altered sandstone with wispy, buff iron-carbonate overprints strongly foliatad and openly folded (visible fold profile) Composition: 75% grey quartz, ~20% intensely overprinted feldspar, 5% dark lithics Grainsize: ~1mm Grainshape: subrounded upper contact underlies a phyllite gouge wedge	MT-SS	mgr	60.0%	g			co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4.5	17	intensely iron-stained and blocky along phyllite bedding foliation and along undulated low coare angle fractures; several shattered softened intervals	fecb	4	frac	o
44.65	51.2	iron staining along foliation, breaks and softened fragments in low intensity brittle deformation zone	fecb	2	frac	o
60.3	72.62	iron staining along foliation, breaks and softened fragments in low intensity brittle deformation zone	fecb	2	frac	o
79	86.04	iron staining along foliation, breaks and softened fragments in low intensity brittle deformation zone	fecb	3	frac	o
86.4	90.34	on 0.2-2cm thick quartz-iron-carbonate tension veins that precede fault gouge below	fecb	3	vn	bf
90.34	90.95	iron-staining in poorly recovered fault gouge	fecb	2	gouge	o
90.95	96.3	A multitude of frequently aligned vuggy, iron-stained quartz veins with diffuse and folded contacts. Localized stretching of quartz clasts. Sulfide mineralization in veining and wallrock -- generally very fine-grained & disseminated.	fecb	4	vn	o
90.95	92.4	Unit has a sheared breccia texture with grey-green chlorite overprint at upper contact of unit that is expressed as alignment of wispy, semi-penetrative grey-green lamellae with about 0.5cm spacing.	chl	2	perv	gy
101.8	106	buff-crème iron carbonate overprint patches in boudinaged/folded and brecciated quartz veining in zone of brittle deformation in phyllite unit. Veining includes angluar, elongated phyllite wedges.	fecb	2	vn	bf
114.98	125.5	weak iron-carbonate staining along low core angle fractures	fecb	1	frac	o
125.5	132.1	pitted alteration of possibly previously clay altered feldspars in QPC	fecb	2	smgr	o
125.5	132.1	pervasive staining in quartz vein brecciation	fecb	3	vn	o
132.1	154.95	feldspars appear orange, rusty, powdered and pitted by iron-carbonate alteration	fecb	3	smgr	o
132.1	154.95	occassional staining along low core fractures; generally intensified where fragmentation is intensified	fecb	1	frac	o
145.41	145.59	tan-orange intense pervasive iron staining and highly weathered QPC rock matrix with occassional thin (~1cm) high core angle gouged phyllite wedges (related to fault gouge above)	fecb	4	perv	o
154.55	154.95	localized, bright green alteration on feldspar clasts in QPC unit	chl	2	smgr	g
154.95	159.6	dark grey green chlorite seams surrounding clasts in quartz breccia	chl	1	fol	gy
159.6	170.4	buff-yellow alteration on feldspar in QPC	fecb	2	smgr	bf
159.6	170.4	buff small patches in vugs of low core angle, sulfide mineralized quartz veining	fecb	2	vn	bf

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
170.4	176.04	large, buff patches on predominantly axial planar veins in cink-folded phyllite	fecb	4	vn	bf
176.04	184.25	buff overprint on feldspar clasts in QPC	fecb	1	smgr	bf
176.04	194.1	buff iron-carbonate patches on low core angle, sulfide mineralized veining	fecb	1	vn	bf
181.6	182.22	red-brown hematite staining, in non-planar, healed fracture seams in sand/qpc sequence	hem	2	frac	m
184.25	194.1	faint grey-green pervasive overprint on sanstone interbes in turbidite sequence	chl	1	perv	g
191.7	194.1	buff iron-carbonate alteration on feldspar clasts	fecb	1	smgr	bf
197.72	200.95	pervase grey-green chlorite hue on fine-grained sandstone	chl	2	perv	g
197.72	200.95	buff colour of feldspar clasts in fine-grained sandstone	fecb	2	smgr	bf
214.61	221	Brecciated quartz veining in zone of soft deformation in phyllite that grades into gouge at lower contact; Veins have buff iron-carbonate patches, green chlorite wedges and enclose angular phyllite clasts	fecb	3	vn	bf
214.61	221	Brecciated quartz veining in zone of soft deformation in phyllite that grades into gouge at lower contact; Veins have buff iron-carbonate patches, green chlorite wedges and enclose angular phyllite clasts	chl	2	vn	g
226.95	248.59	buff, powdered iron-carbonate alteration of feldspar clasts in QPC-Sand intervals in large scale turbidite sequence	fecb	2	smgr	bf
228.76	246.2	buff iron-carbonate wedges in multiple orienation tension veining in phyllite-silt sequences within large scale mixed lithology, turbiditic sequence	fecb	3	vn	bf
246.2	252.55	densely distributed, pyrite mineralized veining with a multitude of buff iron-carbonate patches	fecb	4	vn	bf
252.55	255.7	pervase dark grey-green chloritization in fine-grained, tension veined sandstone sequence	chl	4	perv	g
255.7	268.4	grey-green chlorite wedges in low core angle, pyrite mineralized quartz veins within phyllite unit	chl	1	vn	g
255.7	268.4	buff iron-carbonate patches in low core angle, pyrite mineralized quartz veins within phyllite unit	fecb	1	vn	bf
277.6	295.7	buff iron-carbonate patches in quartz veining	fecb	1	vn	bf
295.7	296	pervasive green overprint in folded sandstone bed @ EOH	chl	4	perv	g
295.7	296	wispy, buff seams in chloritized, folded sandsonte be @EOH	fecb	4	vn	bf

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
44.65	51.2	FZ	100.0%	BFZ	low intensity brittle deformation: increased fragmentation & iron staining with partial gouge and frequent low core angle fractures
60.3	72.62	FZ	200.0%	BFZ	low intensity brittle deformation: brittle and blocky with ~40% interspersed softened fragments and occasional true, soft, plastic gouge wedges, which are frequently emplaced along 15-25TCA fractures; about 60% of interval is competent core
79	86.04	FZ	100.0%	BFZ	gouged fragments along iron-stained low core angle fractures
90.34	90.95	FZ	400.0%	BFZ	poorly recovered (~30%) gouge fault along low core angle fractures
90.95	96.3	QZVN	300.0%	bx	Unit has a sheared breccia texture with grey-green chlorite overprint at upper contact of unit that is expressed as alignment of wispy, semi-penetrative grey-green lamellae with about 0.5cm spacing. Also a multitude of frequently aligned vuggy, iron-stained quartz veins with diffuse and folded contacts. Localized stretching of quartz clasts. Sulfide mineralization in veining and wallrock -- generally very fine-grained & disseminated. Unit appeas to grade from QPC (presence of altered feldspar) with sheared quartz veins into a Quartz vein breccia (increase of clast size and angularity) towards lower contact. Part of a large scale fault zone from 90.34-111.00 meters, that crosses lithological boundaries. Unit grades into loss of competence and crush gouge towards lower contact.
96.3	101.8	QZVN	400.0%	bx	angular 0.5-3.5cm quartz clasts in chlorite matrix, cohesive and low strength (somewhat friable); some alignment of chlorite seams along 80TCA locally

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From	To	Mineral	Intensity	Distribution	Comments
101.8	111	FZ	400.0%	BFZ	Brittle defomation in phyllite as part of a large scale fault zone from 90.34-111.00 meters, that crosses lithological boundaries. high degree of crush gouging and fragmentation - gradual transition into blocky more competent core towards lower contact of unit. Contains boudinaged and brecciated quartz veining (especially near upper contact). Sulfide mineralization highest near upper contact of unit.
114.2	114.98	FZ	400.0%	BFZ	intense gouging with small and larger, angular crush fragments in phyllite clay-gouge matrix Interval bounds competent phyllite above and weakly brecciated Quartz-Pebble-Conglomerate with quartz veining below.
125	125.5	FZ	200.0%	BFZ	dark brown poorly recovered fault gouge (silt/phyllite source?)
125.5	133.8	SZ	100.0%	bx	Quartz-Vein-Breccia with rusty semi-pervasive iron-carbonate staining and elements of quartz-pebble-conglormerate (presence of about 5% pitted, buff-orange, iron-carbonate altered feldspar). Foliation fabric present in form of aligned dark grey chlorite wisps at about 3mm spacing. Quartz grades from, large angular fragments into foliation concordant veining iwth more defined sharp boundaries. Frequent rusty, low core angle fractures. Several intervals with crushed partially softened or friabe fragments.
132.1	132.3	FZ	300.0%	BFZ	dark grey (phyllite source) fault gouge
133.8	154.95	SZ	100.0%	SHTV	QPC unit with a multitude of <1cm thick white-grey, 10-25TCA veinlets and weakly developed shear texture at same orientation in form of grey-green aligned cholirite seams surrounding clasts at ~4mm spacing (clast grainsize).
144.56	144.8	FZ	300.0%	BFZ	10cm black phyllite wedge follow by ~40cm of iron stained, bronw fault gouge that also contains intensely weathered quartz veining
151.35	152.1	FZ	300.0%	BFZ	poorly recovered fault with intensely softened, iron-stained fragments; fragments are gritty and sandy
153.85	154.55	FZ	200.0%	BFZ	softened, gritty, iron-stained fragments and large qurtz vein fragments
170	171	FZ	200.0%	BFZ	fragmenation and gougeing that crosses lithological contact in form of low core angle, iron stained QPC fragements that transition into vein gouged phyllite wedges concordant to high core angle phyllite foliation
171	176.04	QZVN	400.0%	SHTV	buff, pyrite mineralized, quartz-iron-carbonate veins (0.5-5cm thick) that run parallel to axial planes of low amplitude cink folds in compositional bedding foliation of phyllite unit. [see point measurements for orientations] also sevral broken, fragmented partially softened subintervals in this unit
194.1	196.1	FZ	200.0%	BFZ	softened and gouged, friable and partially blockky phyllite
204.58	205.15	QZVN	300.0%	SHTV	localized low grade shearing/soft deformation (?) in form of densely spaced, 0.1-3cm thick quartz veining that run concordant to graphitic phyllite foliation
209.28	211.52	FZ	300.0%	DBSZ	Intensely stretched quartz vein clasts surrounded by phyllite wedges/seams that grade into gouged, graphitic, black phyllite
214.61	221	QZVN	400.0%	bx	Brecciated quartz veining in zone of soft deformation in phyllite that grades into gouge at lower contact; Veins have buff iron-carbonate patches, green chlorite wedges and enclose angular phyllite clasts
223	223.8	FZ	300.0%	BFZ	poorly recoved, gouged and shattered phyllite
246.8	248.59	QZVN	300.0%	SHTV	mulitple ~55TCA, massive quartz veins and pararallel narrow veinlets with occassional angular phyllite wedge inclusions and pyrite mineralization; veins occur in QPC sequence and broaden in thickness towards lower contact of interval which occurs at a lithological contact + the upper bound of a zone of vein deformation.
270.48	272.1	FZ	300.0%	BFZ	friable core and gouge sections emplaced along 20-30TCA in phyllite
284.2	285.8	FZ	200.0%	BFZ	broken, soft and frialble with off-set veining
295.6	295.7	FZ	300.0%	BFZ	10cm gouge wedge concordant to phyllite foliation at lithological contact with chloritized sandstone

Mineralisation

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-017	Grant No.:	YD07124
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From:	To:	Comments	Mineral	Percent	Distribution
85	90.95	~1% pyrite mineralization in quartz-iron-carbonate tension veining and in poorly recovered fault gouge at lower end of interval	py	3	vn
86.9	87.5	dissemianted pyrite in very low core angle, 5TCA, oriented, ~2cm, quartz-iron-carbonate vein	py	4	vn
90.95	96.3	~0.3% disseminated pyrite in brecciated QPC with ribboned (sheared/brecciated) quartz veining and intense orange iron-carbonate staining in quartz veining	py	2	vn
96.3	101.8	very fine-grained, disseminated arsenopyrite (trace-0.1%) in quartz vein breccia with dark grey chlorite seam matrix between clasts	asp	1	vn
96.3	101.8	fine-grained, disseminated pyrite and pyrite stringers (~1%) in quartz vein breccia with dark grey chlorite seam matrix between clasts @~101.40m massive, 2cm thick, high core angle pyrite stringer	py	3	vn
101.8	106	~2% coarse grained, euhedral (up to 3mm diameter) pyrite as gouge fault mineralization	py	4	gouge
106	111	~0.2% disseminated pyrite in gouge, and fragmented, thin quartz veinlets in phyllite in zone of brittle deformation	py	1	gouge
111	114.98	trace disseminated pyrite	py	1	gouge
114.98	116	~3% disseminated pyrite in quartz vein breccia, as well as sheared, plated pyrie seams along breccia foliation in form of 80TCA planes	py	4	vn
116	125.5	~0.2% disseminated pyrite in quartz-vein-QPC breccia	py	1	vn
125.5	133.8	generally very fine grained disseminated pyrite in brecciated quartz veining and QPC wallrock	py	2	vn
133.8	135	very fine-grianed disseminated arsenopyrite along thin low core angle quartz veinlet contacts	asp		vn
133.8	154.95	very fine-grained disseminated pyrite and occassional sheeted clusters along wallrock contacts of low core angle quartz veinlets	py	2	vn
154.95	159.6	trace, very fine-grained disseminated pyrite in rock matrix	py	1	diss
159.6	170.4	1.5% pyrite: very fine-grained disseminated pyrite and occassional sheeted clusters along wallrock contacts of low core angle quartz veinlets; arsenopyrite is generally very fine grained but occurs as stringers in a long-running, low core angle vein from 169.3 ~170.1m. sulfide mineralization is especially intense in interval overlying lower contact of unit center of interval has the least amount of veining and mineralization	py	3	vn
159.6	170.4	~0.6% arsenopyrite: very fine-grained disseminated pyrite and occassional sheeted clusters along wallrock contacts of low core angle quartz veinlets; arsenopyrite is generally very fine grained but occurs as stringers in a long-running, low core angle vein from 169.3 ~170.1m. sulfide mineralization is especially intense in interval overlying lower contact of unit center of interval has the least amount of veining and mineralization	asp	2	vn
160.5	160.6	galena disseminated at vein-wallrock contact @160.6m [see point measurements]	gn	2	vn
170.4	176.04	~3% pyrite in predominantly axial planar, quartz-iron-carbonate veins in phyllite, pyrite as ~1mm grains, clusters and stringers	py	4	vn
176.04	184.25	~0.5% fine-grained disseminated arsenopyrite in low core angle quartz-iron-carbonate veining and along wallrock contacts	asp	1	vn
176.04	184.25	~1% pyrite in low core angle quartz-iron-carbonate veins and along wallrock contacts	py	2	vn
184.25	194.1	disseminated pyrite in low core angle quartz-iron carbonate veining	py	1	vn
184.25	194.1	disseminated pyirte in phyllite and sandstone rock matrix	py	1	vn
194.1	204.58	trace fine-grained disseminated pyrite	py	1	diss
204.58	205.15	~0.5$ pyrite along wallrock foliation concordant quartz-chlorite veining	py	2	vn
205.15	209.28	trace fine-grained disseminated pyrite	py	1	diss
209.28	211.52	1% disseminated pyrite in gouging an low-grade brittle-ductile shearing	py	2	gouge
214.61	215.05	~2% pyrite along foliation and as stringers in narrow zone of quartz-ankerite-phyllite deformation	py	3	vn
216.13	221	~1% in brecciated quartz-ankerie-chlorite veining that contains angular phyllite wedges	py	2	vn
221	223.8	~0.5% pyrite in axial planar parallel quartz ankerite veining in folded phyllite-silt sequence	py	1	vn
226.95	234.2	trace, very fine grained disseminated pyrite in both phyllite-silt and QPC-Sand sequences; occassional, singular, coarser grains	py	0.05	diss
234.2	240.5	~0.8% clustered and coarse grained euhedral pyrite mineralization in iron-carbonate-quartz(-chlorite) veining in phyllite-sequences as well as in QPC-Sand sequences	py	1	vn

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-017	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	296					

From:	To:	Comments	Mineral	Percent	Distribution
240.5	248.59	occassional pyrite blebs in milky white quartz veining in QPC sequence	py	0.3	vn
248.59	252.55	1% pyrite in densely distributed quartz-iron-carbonate veining in folded phyllite-silt interbedding with pyrite blebs and seams: partially penetrative wedges (frequently pyrite clustered) and often foliation concordant; varying thickness - as seams and up to 4cm thick; intense iron-carbonate alteration overprint on veins	py	1	vn
252.55	255.7	pyrite clusters and fine-grained disseminated wall rock dissemination associated with quartz-iron-carbonate-chlorite veining in fine grained sandstone	py	1.5	vn
255.7	268.4	pyrite clusters and blebs in low core angle, quartz-chlorite veins in phyllite unit	py	0.5	vn
268.4	295.7	occassionally disseminated pyrit in sparsely distributed, thin vein seams	py	0.01	vn
268.4	295.7	trace, very fine grained disseminated in phyllite matrix	py	0.01	diss
291.9	292.4	pyrite clusters in undulated, low core angle, ~2cm thick quartz vein in phyllite unit	py	4	vn
295.7	296	pyrite blebs in chloritized, iron-carbonate altered wallrock	py	0.3	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
5	Veins				FOL	80			foliated phyllite banding (~1cm thick) in vuggy quartz vein at ~2cm spacing; manganese oxide in vugs + green vitreous mineral in quartz (possibly chlorite disseminated in quartz?)
11	Bedding		So			40			foliation along compositional bedding in phyllite
12.4	Veins			chl					vuggy quartz-chlorite fragment
15.5	Bedding		So			35			foliation along compositional bedding in phyllite
16.4	Bedding		So			60			foliation along compositional bedding in phyllite
16.6	Axial Plane		Fx			80			0.4cm and 4cm wavelength amplitude cink fold
17	Bedding		So			56			foliation along compositional bedding in phyllite
18	Bedding		So			40			foliation along compositional bedding in phyllite
19.5	Bedding		So			41			foliation along compositional bedding in phyllite
20	Bedding		So			40			foliation along compositional bedding in phyllite
22.9	Veins			chl					vuggy, undulated (non-planar) quartz vein with manganese oxide in vugs and green chlorite wedges
23.1	Axial Plane		Fx			65			multiple closed folds with 1-2cm amplitudes and ~3cm wavelength
24.2	Bedding		So			48			foliation along compositional bedding in phyllite
27	Bedding		So			40			foliation along compositional bedding in phyllite
28.5	Bedding		So			50			foliation along compositional bedding in phyllite
29.7	Bedding		So			52	242		foliation along compositional bedding in phyllite
30.5	Bedding		So			45			foliation along compositional bedding in phyllite
32.3	Axial Plane		Fx			72			multiple, closed, 1cm amplitude and 1cm wavelength fold profiles
33	Veins				FOL	50	250		multiple, thin, dusty white folded quartz veinlets along foliation
33	Bedding		So			50	250		foliation along compositional bedding in phyllite
35	Bedding		So			50	200		foliation along compositional bedding in phyllite
36	Bedding		So			53			foliation along compositional bedding in phyllite
38	Bedding		So			53			foliation along compositional bedding in phyllite
39	Bedding		So			55	245		foliation along compositional bedding in phyllite
39.7	Bedding		So			55	255		foliation along compositional bedding in phyllite

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
43	Bedding		So			48			foliation along compositional bedding in phyllite
48	Bedding		So			50			foliation along compositional bedding in phyllite
52	Bedding		So			40			foliation along compositional bedding in phyllite
52	Cleavage		S1			40			S1 fabric is not parallel to So fabric, expressed as hard to discern fabric and as smooth physical (mechanically induced) cleavage
54	Bedding		So			50	120		foliation along compositional bedding in phyllite; measured carefully and checked for correct orientation
58	Bedding		So			45			foliation along compositional bedding in phyllite
58.3	Axial Plane		Fx			52			smooth cleavage parallel to small parasitic fold profiles of tigh, 0.3cm amplitude and 0.3cm wavelength folding
58.4	Veins				bx matrix	52			near rectangular quartz boudin emplaced parallel to axial plane and containing angular phyllite clasts + buff iron carbonate patches
58.6	Bedding		So			42			foliation along compositional bedding in phyllite
59.3	Bedding		So			42			foliation along compositional bedding in phyllite
60.3	Joints			chl	Gouge	35			smooth, green chlorite coated fractures with softend fragments along fractures in zone of brittle deformation
66	Bedding		So			42			foliation along compositional bedding in phyllite
66.68	Faults				Gouge	18			softened fragments in gouge matrix along low core angle fractures in zone of brittle deformation
68	Bedding		So			40			foliation along compositional bedding in phyllite
70	Bedding		So			46			foliation along compositional bedding in phyllite
72	Bedding		So			51			foliation along compositional bedding in phyllite
72.3	Joints			fecb	Gouge	33			several low core angle fractures with softened iron-stained rock along low core angle fractures
72.62	Contact			fecb	Gouge	33			lower contact of zone of brittle deformation; softened iron-stained, tan coloured rock bounding competent black phyllite along low core angle surface
75	Bedding		So			35	238		foliation along compositional bedding in phyllite
76	Bedding		So			30	248		foliation along compositional bedding in phyllite
78	Bedding		So			35			foliation along compositional bedding in phyllite
79.3	Bedding		So			42			foliation along compositional bedding in phyllite
80.1	Bedding		So			37			foliation along compositional bedding in phyllite
81	Bedding		So			39	250		foliation along compositional bedding in phyllite
82.1	Bedding		So			35			foliation along compositional bedding in phyllite
83	Bedding		So			37			foliation along compositional bedding in phyllite
85.5	Bedding		So			40			foliation along compositional bedding in phyllite
86.5	Bedding		So			40	140		foliation along compositional bedding in phyllite (measured very carefully toward downhole dipping end of long axis of ellipsoid; beta angle has changed)
86.5	Veins			fecb	TVA	30	230		densely spaced, parallel, buff, iron-carbonate seams
87	Veins			fecb	bx matrix	8	278		~2cm thick, pyrite mineralized long running (0.5m) low care agne quartz-iron-carbonate vein with angular phyllite wedge inclusions
87.8	Bedding		So			45	135		foliation along compositional bedding in phyllite-silt interbedding
88.5	Bedding		So			38	140		foliation along compositional bedding in phyllite-silt interbedding

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
88.9	Veins			fecb		80			branching thin, buff iron-carbonate seams that trend at high core angle and branch outwards approximately perpendicular to vein trend; tensions veins intersect So at an acut angle of ca 48 degrees
89.5	Veins			fecb		15			folded, quartz-iron-carbonate tension veins/seams that cross-cut 80TCA veinlets
90.34	Faults				Gouge	80			crush frangments in iron stained gouge matrix with multiple high core angle cleavages in gouge; gouge is poorly recovered [~0.5m feature with ~30% recovery]
90.6	Contact		Ssh		bx matrix	60			alignment of folded quartz vein ribbons and semi-penetrative, wispy chlorite lamellae (~0.5cm spacing)
92.5	Cleavage		Ssh		bx matrix	70	300		alignment of quatz clasts and chlorite lamelae in Quartz-Vein-QPC-Breccia
93	Veins			fecb		80			2cm thick, buff quartz vein with pyrite mineralization along wallrock contact
94.5	Cleavage		Ssh		bx matrix	65			alignment of quatz clasts and chlorite lamelae in Quartz-Vein-QPC-Breccia
96.25	Cleavage		Ssh		bx matrix	65			alignment of quatz clasts and chlorite lamelae in Quartz-Vein-QPC-Breccia
96.4	Veins			py	bx matrix	35			low core angle pyrite stringers in Quartz-Vein-Breccia
99	Cleavage		Ssh		bx matrix	80	320		poorly developed cleavage in quartz-vein breccia (faint wispy chlorite lamellae)
99.9	Veins			chl	bx matrix	80			0.5cm thick dark grey, penetrative chlorite seams (phyllite interbedding?) in quartz vein breccia
101	Cleavage		Ssh	py	bx matrix	70			foliation in quartz-vein-breccian with concordant pyrite stringers
101.5	Veins			py	Gouge	65			2.5cm thick pyrite band surrounded by quartz veining and with gouging at lower contact
105.6	Axial Plane					50			closed, assymetric fold profile, ~5cm amplitude
105.63	Veins				AXP	50			slightly undulated quartz veinlet parallel to axial plane in fold profile neighbouring above
105.7	Veins				bx matrix				undulated, multiply folded, ~30cm quartz bouding that includes folded phyllite clasts
106.5	Veins				SHTV	25			multiple, subparallel, ~0.4cm thick quartz veins over 50cm in phyllite
107	Bedding		So			52			foliation along compositional bedding in phyllite
110.1	Veins					28			iron-stained, ~1cm thick, low
110.3	Bedding		So			35			foliation along compositional bedding in phyllite
111.6	Axial Plane		Fx			40			variable amplitude and wavelength cink-folding (parasitic) with parallel axial planes
111.62	Veins				AXP	40			multiple (sometimes vuggy) quartz-iron-carbonate seams running parallel to small scale fold profile axial planes and alson off-setting bedding foliation by several millimeters
111.9	Veins				AXP	44			multiple (sometimes vuggy) quartz-iron-carbonate seams running parallel to small scale fold profile axial planes and also off-setting bedding foliation by several millimeters
111.9	Bedding		So			33			compositional bedding foliation in phyllite, gently folded (~0.3mm amplitude & 3cm wavelength; gentle open folds are bisected gy multiple (sometimes vuggy) quartz-iron-carbonate seams running parallel to small scale fold profile axial planes and also off-setting bedding foliation by several millimeters
112.7	Veins				AXP	50			multiple (sometimes vuggy) quartz-iron-carbonate seams running parallel to small scale fold profile axial planes and also off-setting bedding foliation by several millimeters
112.7	Bedding		So			70			compostional bedding foliation in phyllite iwht small scale cink folds with 2cm wavelength and ~1cm amplitude
115.9	Cleavage		Ssh	py	bx matrix	72		70	brecciated quartz veining with foliation expressed as dark grey chlorite lamellae and pyrite mineralization along smooth sheared cleavage planes between coarse quartz clasts; pyrite appears large and almost bladed measured scractches (slickensiding) on pyrite not striations
116.6	Bedding		Ssh		bx matrix	35	150		sheared QPC-Quartz-Vein Breccia with aligned quartz ribbons, stretched quartz clasts and dark grey, aligned chlorite lamellae

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
122	Cleavage					30			folded ~15cm thick phylite wedge within QPC -- cross-cut by quartz-iron-carbonate vein
122.05	Veins			fecb		35			1.2cm thick, pyrite mineralized quartz-iron-carbonate vein that crosscuts folded phyllite wedge at approximately right angle
123.2	Cleavage		Ssh			66			Shear Breccia Folation: Wispy, semi-penetrative chlorite lamellae at 0.5cm spacing with stretched quartz clasts.
124.2	Veins				SHTV	22			Generation 2: ~1cm thick quartz-iron-carbonate veinlets
124.2	Veins				SHTV	66			Generation1: ~1cm thick quartz-iron-carbonate veinlets cross-cut/cut-off by Generation 1, concordant to shear breccia foliation
126.3	Cleavage		Ssh	py		33			thing chlorite seams aligned at 1.5cm spacing surrounding angular quartz clasts in Quartz-Vein-Breccia
128.5	Veins				SHTV	45	240		densely spaced 2-4cm thick foliation concordant quartz veining in low grade shearing
129	Cleavage		Ssh			50	250		alignement of chlorite lamellae in brecciated texture
129.9	Faults				Gouge	20			~4cm thick gouge wedge along 20TCA
130.9	Cleavage		Ssh			45			stretching of quartz clasts surrounded by rust-stained seams at 4mm spacing in shear breccia texture
131.7	Cleavage		Ssh			45	260		stretching of quartz clasts surrounded by rust-stained seams at 4mm spacing in shear breccia texture
132.08	Cleavage		Ssh			50			stretching of quartz clasts surrounded by rust-stained seams at 4mm spacing in shear breccia texture
134.8	Cleavage		Ssh			20			alignment of wispy, grey-green, semi-penetrative, chlorite lamellae @ 0.4cm spacing
134.8	Veins				FOL	20			Generation 1: multiple, <0.5cm thick, white, foliation concordant veinlets
134.8	Veins					70			Generation 2: as thin penetrative veinlets that cross-cut Generation 1
136	Veins				SHTV	20			multiple 0.5-4cm thick white quartz veins in intensely iron-carbonate altered rock matrix
138	Veins				FOL	5	300		thin grey vein seams concordant to weakly developed shear texture
138	Cleavage		Ssh			5	300		weakly developed shear texture in QPC in form of aligned chlorite seams surrounding clasts
138.5	Veins				SHTV	18			multiple 0.5-4cm thick white quartz veins in intensely iron-carbonate altered rock matrix
141.2	Cleavage		Ssh			25	280		weak alignment of QPC matrix in form of grey-green chlorits seams surrounding clasts
142.5	Veins				SHTV	20			multiple thin, grey low core angle quartz veinlets with slightly diffuse boundaries
143.8	Veins				SHTV	15	320		thin diffuse veinlets in QPC
145.26	Contact				FOL	80			4cm thick, high core angle phyllite wedge concordant to phyllite folaiton
148.05	Contact				Gouge	75			20cm thick, high core angle phyllite wedge concordant to phyllite foliation with gouged upper contact
149.5	Contact				Gouge	85			3cm thick, high core angle phyllite wedge concordant to phyllite foliation; texture partially gouged
150.5	Cleavage		Ssh			10	240		weak alignment of QPC matrix in form of grey-green chlorits seams surrounding clasts
150.5	Veins					5	250		vuggy, ~1cm thick quartz veinle concordant to weakly developed shear foliation
153	Veins				SHTV	18			multiple parallel, <1.5cm thick, white quartz veins with slightly diffuse boundaries
155.5	Bedding		So			60	220		compositional bedding cleavage in Phyllite
156.5	Veins				SHTV	10	330		long-running veins undulating subparallel to weakly developed shear foliaton
156.7	Cleavage		Ssh			15	320		weakly developed shear foliaton in Quartz Breccia in form of aligned, dark grey chlorite seams
159	Veins				SHTV	15	310		long-running veins undulating subparallel to weakly developed shear foliaton
159.6	Cleavage		Ssh			25	260		weakly developed shear foliaton in Quartz Breccia in form of aligned, dark grey chlorite seams
159.65	Contact		Ssh			50			poorly recovered section of localized shear zone with concordant quartz-iron-carbonate veining
159.65	Veins			fecb	FOL	50			poorly recovered section of localized shear zone with concordant quartz-iron-carbonate veining

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
160.5	Veins				SHTV	30	335		multiple, 1cm thick, white parallel veins at 5-10cm spacing with Galena mineralization @160.6; no foliation discernible in QPC wallrock
161.5	Veins					0			diffuse, <0.5cm thick, undulated low core angle veining in qPC
162	Cleavage		Ssh		SHTV	5	280		multiple paralle, wispy, semi-penetrative, dark grey-green chlorite lamellae at 1-2cm spacing
162.7	Veins					15	245		iron-carbonate altered, ~1cm thick low core angle quartz vein
164.5	Veins					15	230		1cm thick low core angle quartz vein in QPC with iron-coarbonate patches in vugs
166	Veins				SHTV	15			mulitple, densely spaced, <1cm thick, low core angle quartz veins
169	Veins				SHTV	15			Generation 1: pyrite mineralized, 1-2cm thick, low core angle quartz veins with iron-carbonate patches and small vugs
169	Veins				SHTV	20			Generation 2: sulfide mineralized, 3cm thick vein that cross-cuts Generation 1 at an acute angle of 35 degrees; contains arseno pyrite stringers
170.24	Bedding		So			85			compostional bedding foliation in phyllite
170.4	Contact				Gouge	85			~20cm gouge wedg at lithological contact
171	Bedding		So			70			compostional bedding foliation in phyllite
171.6	Bedding		So			55			compostional bedding foliation in phyllite
171.6	Veins				AXP	65			pyrite-mineralized quartz-iron-carbonate veins parallel to axial planes of low amplitude cink folds in compositional bedding foliation in phyllite
172.65	Bedding		So			55	235		compostional bedding foliation in phyllite
172.65	Veins				AXP	60	65		pyrite-mineralized quartz-iron-carbonate veins parallel to axial planes of low amplitude cink folds in compositional bedding foliation in phyllite
173.4	Veins				AXP	60	40		pyrite-mineralized quartz-iron-carbonate veins parallel to axial planes of low amplitude cink folds in compositional bedding foliation in phyllite
173.4	Bedding		So			38	235		compostional bedding foliation in phyllite
174	Veins				SHTV	50	10		pyrite-mineralized quartz-iron-carbonate vein seams discordant to compositional bedding foliation in phyllite
174	Bedding		So			30	240		compostional bedding foliation in phyllite
176	Bedding		So			40			compositional bedding foliation in phyllite off-set by 1cm along mineralized axial planar vein seams
176	Veins			py	AXP	70			pyrite-stringer-quartz-iron-carbonate seams that run parallel to axial planes of low amplitude cink folds in compositional bedding foilation and off-set foliation by ~1cm
176.04	Veins				SHTV	40			densely space 1-2cm thick quartz veins with pyrite wallrock mineralization
177.9	Cleavage		Ssh	chl		50			low grade, localized shear foliaton in form of 2cm spaced dark grey chlorite lamellae surrounding granule size clasts; occasional stretching of phyllite clasts in QPC (or possibly a sedimentary feature?)
179	Veins					15			Generation 2: massive, sulfide mineralized, ~10cm low core angle quartz vein; cross-cuts Generation 1
179.3	Veins				SHTV	55			Generation 1: multiple, <1cm thick quartz veins that are cross-cut by lower core angle veining
181	Veins				SHTV	15			several ~2cm thick, parallel, low core angle quartz veins (small sulfide mineralized vugs)
181.4	Contact					65			narrow , 10-20cm, phyllite wedge in QPC with high core angle contacts and friable, poorly recovered fragments
183	Veins				SHTV	28			~3cm thick, sulfide mineralized quartz veins
185.41	Veins					0			thin, wispy, grey-diffuse quartz seams that penetrate acrosse sandston phyllite contact and are offset by higher core angle qtz-fecb veining
185.41	Contact				FOL	60			phyllite-sandstone contact, hard & competent

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Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
185.42	Bedding		So			60			compositional bedding cleavage in phyllite interbed
185.43	Veins					45			late stage qtz-fecb vein that off-sets wispy very low core angle veins
186	Veins				SHTV	20			~1cm thick, parallel quartz veins in sandstone interbedding
186.48	Bedding		So			55			compositional bedding cleavage in phyllite interbedding
186.48	Contact				FOL	55			sand-phyllite contact concordant to phyllite bedding foliation, hard & competent
186.48	Veins			chl	TVA	15			quartz-iron-carbonate tension seams (not fully penetrative) at lithological interbedding contact, pyrite mineralized with chlorite wedges
187.5	Veins				SHTV	20			thin, pyrite mineralized, quartz-iron-carbonate seams
188.3	Bedding		So			55			compositional bedding cleavage
188.78	Veins			chl	bx matrix	55			phyllite foliation concordant, 5cm thick quartz vein with green chlorite, buff iron-carbonate and large angular phyllite clast inclusions
189	Veins					35	340		~2cm thick quartz vein in sandstone interbed
189.3	Veins				TVA	55	185		multiple dusty white, foliation concordant tension veins that splay perpendicular to foliation
189.3	Bedding		So			55	185		compositional beddng cleavage in phyllite
189.7	Veins					28	30		pyrite mineralized, 1.5cm thick, fecb-qtz vein
190.7	Bedding		So			65	215		compositional bedding cleavage
192.1	Veins			fecb		50	325		quartz-iron-carbonate seams in chloritized sandstone bed
192.1	Veins			fecb		20	80		quartz-iron-carbonate seams in chloritized sandstone bed
194.1	Bedding		So			35	150		compositional bedding cleavage in phyllite interbed
196.4	Bedding		So			70			compositional bedding cleavage
196.5	Veins			fecb	SHTV	15			multiple, densely spaced, partially penetrative, quartz-iron-carbonate veins
197.92	Bedding		So			80	280		compositional bedding cleavage in phyllite
197.92	Contact				FOL	80	280		phyllite-chloritized sandstone contact - concordant to phyllite folation
198.4	Veins				SHTV	5	230		Generation 1: 1-2cm thick quartz-iron-carbonate veins in chloritzed sandstone interbed
198.5	Veins					45	170		Generation 2: quartz-iron-carbonate vein that off-sets Generation 1 in chloritized sandstone
199.7	Veins				SHTV	35	340		quartz iron carbonate veining in chloritized sandstone sequence
199.9	Bedding		So			60	25		compositional bedding cleavage in phyllite interbedding
200.95	Contact				FOL	65			chloritized sandstone-phyllite contact concordant to phyllite foliation
203.15	Bedding		So			65	190		compositional bedding foliation
203.9	Bedding		So			70	190		compositional bedding foliation
204.58	Bedding		So			80			compositional bedding foliation
204.58	Veins				SHTV	70			Quartz-Chlorite veining subconcordant to compositional bedding foliation to compositional bedding foliation with polished graphite coating
206	Bedding		So			50	165		compositional bedding foliation
206.7	Veins				SHTV	35	350		localized quartz-iron-carbonate seams and wedges
207	Bedding		So			60	170		compositional bedding foliation
209.28	Cleavage		Ssh			35			low grade shearing, dark grey chlorite seams at 0.5-1cm spacing
209.9	Veins				TVA	10			pyrite mineralized tension seams
209.9	Bedding		So			55			microfolded compositional bedding foliation
212.5	Bedding		So			60	125		graphitic compositional bedding foliation

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
213.8	Bedding		So			60	200		compositional bedding foliation
213.8	Veins				SHTV	60	200		thin quartz-iron-carbonate veinles concordant to compositional bedding foliation
214.02	Contact					55	190		phyllite-black sandstone contact
214.02	Veins				SHTV	40	350		pyrite mineralized quartz-iron-carbonate veinlets
214.02	Cleavage		S1			55	105		discernible in compositional bedding foliation
214.02	Bedding		So			55	190		compositional bedding foliation
214.61	Contact					50	190		phyllite-black sandstone contact
214.61	Veins				SHTV	50	190		pyrite mineralized quartz-iron-carbonate vein wedges
215.05	Contact					70	310		upper contact of dark grey, fine grained sandstone interbed
215.2	Bedding		So			25	280		compositional bedding cleave in dark grey, fine-grained sandstone interbed with prominent large, angular phyllite inclusions
216.13	Bedding		So			60	190		compositional bedding cleavage in phyllite
216.13	Faults				FOL	60	190		compositional bedding cleavage in phyllite cutting off brecciated low core angle quartz veining above
216.95	Veins				bx matrix	65	250		brecciated quartz-chlorite-ankerite veins in zone of deformation in phyllite
217.5	Bedding		So			65	160		compositional bedding cleavage in phyllite
218.7	Veins				TVA	65	10		boudinaged, pyrite mineralized quartz-iron-carbonate vein seams/wedges
219.05	Bedding		So			60	240		compositional bedding cleavage
219.13	Bedding		So			60	270		compositional bedding cleavage foliatoin
219.13	Faults				Gouge	30	60		black, 6cm thick gouge seam enclosed in phyllite
220.25	Faults				Gouge	88			~10cm gouge wedge with recovered lower contact at high core angle and ~40degree acute intersection angle with bedding cleavage
220.25	Bedding		So			60			compositional bedding cleavage in phyllite
221.3	Bedding		So			45			compositional bedding cleavage in phyllite-silt sequence
221.78	Bedding		So			0			compositional bedding cleavage in phyllite-silt sequence
221.78	Axial Plane		Fx			78			axial plane of 0.3mm amplitue open fold profile with 14cm wavelength
221.8	Cleavage		S1			75			S1 cleavage discernible within compositional bedding cleavage planes
222	Veins				AXP	75			several axial planar parallel quartz-iron-carbonate veins
222	Bedding		So			35			compositional bedding cleavage in phyllite-silt sequence
222.3	Axial Plane		Fx			75			multiple closed fold profiles in phyllite-silt sequence with 1cm amplitude; cink folds/parasitic folds
224	Bedding		So			45			compositional bedding cleavage in phyllite-silt sequence
224.6	Bedding		So			50	170		
224.8	Veins			fecb		40	210		pyrite wallrock mineralization in phyllite-silt sequence
227	Bedding		So			55	165		compositional bedding cleavage in phyllite-silt sequence
227.79	Contact				FOL	60	180		
227.83	Veins			fecb		15	270		in QPC-Sand sequence
227.9	Veins			fecb		20	15		in QPC-Sand sequence
229	Bedding		So			60	190		compositional bedding cleavage in phyllite
229.2	Veins			fecb	Veinlets				tightly folded, long running, 0.4cm thick veinlet in Phyllite-Silt sequence
229.5	Veins			fecb	SHTV	30	90		iron-carbonate-quartz veining in QPC sequence
230.15	Veins			fecb	SHTV	40	15		multiple, densely spaced, quartz-chlorite-iron carbonate, vein boudins

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
230.5	Veins			fecb	SHTV	60	340		0.2-8cm thick quartz-iron-carbonate veins in QPC sequence
232.7	Bedding		So			55	180		compositional bedding cleavage in phyllite
234.6	Bedding		So			55	170		compositional bedding cleavage in phyllite
234.6	Veins			fecb		55	0		intensely pyrite clustered, densely spaced, ~0.5-1cm thick quartz-iron-carbonate veinlets in silt sequence and continuing on into QPC sequence below
235.3	Veins			chl	bx matrix	65	330		quartz-iron-carbonate-chlorite veins in short phyllite sequence that off-set foliation and are clustered with pyrite; contain angular phyllite wedges
235.86	Faults			fecb	Gouge	25	180		gouge wedge with intense pyrite clusters and iron-carbonate wedges
235.9	Bedding		So			60	160		compositional bedding cleavage in phyllite
236.22	Veins				SHTV	60	340		pyrite mineralized vein orientation in QPC sequence
237.2									intense drill grinding with mixed lithologies
240.2	Veins			fecb	Veinlets	20	0		multiple buff, iron-carbonate-quartz seams in QPC sequence
240.41	Veins			fecb	FOL	40	100		wispy phyllite wedges with pyrite clusters and iron-quartz-carbonate patches
241.65	Bedding		So			50	105		phyllite wedge with multiple folded quartz-carbonate seam
242.5	Veins				SHTV	30	70		reapeated vein orienation in QPC sequence: ~1cm thick, milky white and with sharp boundaries
245	Veins				SHTV	60			repeated vein orientation in
246.2	Faults				Gouge	40			poorly recovered gouge wedge in phyllite interbed with quartz-iron-carbonate veining
247	Veins				SHTV	40			occassionally pyrite mineralized vein orientation of varying thickness in QPC sequence
248.59	Veins			fecb	TVA	30			partially penetrative, buff, tension seams
249	Veins			fecb	SHTV	25			boudinaged, 1cm thick, quartz-iron-carbonate veinlets; acute intersection angle with So: ~58 degree
249	Bedding		So			40			compositional bedding cleavage in phyllite-silt sequence
250.5	Axial Plane		Fx			80			axial plane of low amplitude open fold profile
250.6	Veins			fecb	bx matrix	15			quartz-iron-carbonate vein with angular phyllite clast inclusions and pyrite stringers concordant to vein orientation
252	Veins			fecb	FOL	40	40		vein seams parallel to compositional bedding cleavage in phyllite-silt sequence
252	Bedding			fecb		40	40		compositional bedding cleavage in phyllite-silt sequence
252.55	Contact				FOL	30	40		phyllite sandstone contact - concordant to phylite foliation
253.5	Cleavage		Sx			10	105		cleavage in chloritized sandstone; possibly sheared
253.6	Veins			chl	bx matrix	45	250		pyrite mineralized, ~40cm thick, massive quartz vein that contains angular wallrock wedges
254	Veins			fecb	SHTV	5	320		pyrite mineralized quartz-iron-carobonate veins seams in chloritized sandstone
254.7	Veins			fecb	SHTV	25	350		thin seams
254.8	Veins				SHTV	80	310		thin seams
255.2	Veins			chl	FOL	35	210		pyrite clustered qtz-fecb-chl vein in phyllite wedge and concordant to phyllite foliation
256	Bedding		So			35	250		compositional bedding cleavage in phyllite
257.5	Bedding		So			60	240		compositional bedding cleavage in phyllite
258.38	Veins			chl	TVA	35	40		pyrite mineralized
258.38	Veins			chl	SZB	65	60		pyrite mineralized
258.48	Veins			chl	Veinlets	5	20		intensely pyrite mineralized, likely related to tension vein array above
259.5	Veins			py	SHTV	10	185		repeated pyrite quartz seams
260	Bedding		So			70	160		compositional bedding cleavage in phyllite

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
261.3	Veins					25	0		repeated vein orientation for boudinages seams in phyllite
265	Bedding		So			50			compositional bedding cleavage in phyllite
268	Veins			chl	SHTV	55			densely spaced quartz-iron-carbonate-chlorite veins in phyllite
269.35	Bedding		So			28	340		compositional bedding cleavage in phyllite
274.85	Bedding		So			15			compositional bedding cleavage in phyllite-silt sequence
276.1	Bedding		So			55			compositional bedding cleavage in phyllite
276.5	Contact				FOL	55			phyllite-sand contact, concordant to phyllite foliation
277.6	Veins			fecb	SHTV	65			iron-carbonate-quartz seams in fine-grained sandstone sequence
278.6	Axial Plane		Fx			60			multiple, 0.3cm amplitude and 2cm wavelength fold profiles
278.6	Bedding		So			0			compositional bedding cleavage in phyllite, multiply folded
281.2	Bedding		So			60	260		compositional bedding cleavage in phyllite
281.5	Bedding		So			30	300		compositional bedding cleavage in phyllite
283.55	Veins			fecb	AXP	75			closed cink folding with multiple axial planar paraall qtz-fecb veinlets
283.8	Bedding		So			20			compositional bedding cleavage in phyllite
284.4	Veins			fecb		10			pyrite mineralized, fecb-qtz vein offset along 60TCA
286.2	Cleavage		S1			70			compositional bedding cleavage in phyllite-silt sequence
286.2	Bedding		So			35			compositional bedding cleavage in phyllite-silt sequence
288.3	Bedding		So			70	50		compositional bedding cleavage in phyllite
289.5	Bedding		So			60	300		compositional bedding cleavage in phyllite
293	Bedding		So			60	295		compositional bedding cleavage in phyllite
294	Bedding		So			70	300		compositional bedding cleavage in phyllite
295.37	Bedding		So		Gouge	70	310		gouge wedge along compositional bedding cleavage in phyllite
295.6	Faults				FOL	75			10cm gouge wedge along phyllite foliaton
295.7	Contact				FOL	70			lithological contact between phyllite and folded, chloritized sandstone -- concordant to phyllite foliation
295.75	Veins				FOL	20			quartz vein concordant to chloritized sandstone foliation fabric
295.8	Bedding		So			20			foliation, fabric in chloritized sandstone

Assay Samples

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28602	4.5	6	2011	Expl Geochem	H-split	QZVN
28603	6	9	2011	Expl Geochem	H-split	MT-Phy
28604	9	12	2011	Expl Geochem	H-split	MT-Phy
28605	12	15	2011	Expl Geochem	H-split	MT-Phy
28606	15	18	2011	Expl Geochem	H-split	MT-Phy
28607	18	20	2011	Expl Geochem	H-split	MT-Phy
28608	20	21	2011	Expl Geochem	H-split	MT-Phy
28609	21	24	2011	Expl Geochem	H-split	MT-Phy
28610	24	26	2011	Expl Geochem	H-split	MT-Phy
28611	26	28	2011	Expl Geochem	H-split	MT-Phy
28612	28	30	2011	Expl Geochem	H-split	MT-Phy
28613	30	32	2011	Expl Geochem	H-split	MT-Phy
28614	32	34	2011	Expl Geochem	H-split	MT-Phy
28615	34	36	2011	Expl Geochem	H-split	MT-Phy
28616	36	38	2011	Expl Geochem	H-split	MT-Phy
28617	38	40	2011	Expl Geochem	H-split	MT-Phy
28618	40	42	2011	Expl Geochem	H-split	MT-Phy
28619	42	44.65	2011	Expl Geochem	H-split	MT-Phy
28620	44.65	46	2011	Expl Geochem	H-split	MT-Phy
28621	46	48	2011	Expl Geochem	H-split	MT-Phy
28622	48	50	2011	Expl Geochem	H-split	MT-Phy
28623	50	51.2	2011	Expl Geochem	H-split	MT-Phy
28624	51.2	54	2011	Expl Geochem	H-split	MT-Phy
28625	54	56	2011	Expl Geochem	H-split	MT-Phy
28626	56	58	2011	Expl Geochem	H-split	MT-Phy
28627	58	60	2011	Expl Geochem	H-split	MT-Phy
28628	60	62	2011	Expl Geochem	H-split	MT-Phy
28631	62	64	2011	DUP	Q-Split	MT-Phy
28629	62	64	2011	Expl Geochem	H-split	MT-Phy
28630	62	64	2011	STND	CDN-GS-8B	MT-Phy
28632	64	66	2011	Expl Geochem	H-split	MT-Phy
28633	66	68	2011	Expl Geochem	H-split	MT-Phy
28634	68	70	2011	Expl Geochem	H-split	MT-Phy
28635	70	72.62	2011	Expl Geochem	H-split	MT-Phy
28636	72.62	74	2011	Expl Geochem	H-split	MT-Phy
28637	74	76	2011	Expl Geochem	H-split	MT-Phy
28638	76	78	2011	Expl Geochem	H-split	MT-Phy
28639	78	80	2011	Expl Geochem	H-split	MT-Phy
28640	80	82	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28641	82	84	2011	Expl Geochem	H-split	MT-Phy
28642	84	86	2011	Expl Geochem	H-split	MT-Phy
28643	86	88	2011	Expl Geochem	H-split	MT-Phy
28644	88	90.65	2011	Expl Geochem	H-split	MT-Phy
28645	90.65	93	2011	Expl Geochem	H-split	MT-CO.bx
28646	93	95	2011	Expl Geochem	H-split	MT-CO.bx
28647	95	96.3	2011	Expl Geochem	H-split	MT-CO.bx
28648	96.3	98	2011	Expl Geochem	H-split	QZVN.bx
28649	98	100	2011	Expl Geochem	H-split	QZVN.bx
28650	100	101.8	2011	Expl Geochem	H-split	QZVN.bx
28651	101.8	105	2011	Expl Geochem	H-split	MT-Phy
28652	105	108	2011	Expl Geochem	H-split	MT-Phy
28653	108	110	2011	Expl Geochem	H-split	MT-Phy
28654	110	112	2011	Expl Geochem	H-split	MT-Phy
28655	112	114.1	2011	Expl Geochem	H-split	MT-Phy
28656	114.1	114.98	2011	Expl Geochem	H-split	MT-Phy
28657	114.98	117	2011	Expl Geochem	H-split	MT-CO.bx
28658	117	120.2	2011	Expl Geochem	H-split	MT-CO.bx
28659	120.2	123	2011	Expl Geochem	H-split	MT-Phy
28660	123	125.5	2011	Expl Geochem	H-split	MT-CO.bx
28661	125.5	127.1	2011	Expl Geochem	H-split	QZVN.bx
28662	127.1	129	2011	Expl Geochem	H-split	QZVN.bx
28663	129	131	2011	Expl Geochem	H-split	MT-CO.bx
28664	131	133.1	2011	Expl Geochem	H-split	MT-CO.bx
28665	133.1	133.8	2011	Expl Geochem	H-split	MT-CO.bx
28666	133.8	135.3	2011	Expl Geochem	H-split	MT-CO
28667	133.8	135.3	2011	STND	CDN-GS-8B	MT-CO
28668	133.8	135.3	2011	DUP	Q-Split	MT-CO
28669	135.3	137	2011	Expl Geochem	H-split	MT-CO
28670	137	139	2011	Expl Geochem	H-split	MT-CO
28671	139	141	2011	Expl Geochem	H-split	MT-CO
28672	141	143	2011	Expl Geochem	H-split	MT-CO
28673	143	144.6	2011	Expl Geochem	H-split	MT-CO
28674	144.6	146.6	2011	Expl Geochem	H-split	MT-CO
28675	146.6	148.4	2011	Expl Geochem	H-split	MT-CO
28676	148.4	151.35	2011	Expl Geochem	H-split	MT-CO
28677	151.35	153	2011	Expl Geochem	H-split	MT-CO
28678	153	154.95	2011	Expl Geochem	H-split	MT-CO
28679	154.95	156.07	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28680	156.07	158	2011	Expl Geochem	H-split	QZVN.bx
28681	158	159.6	2011	Expl Geochem	H-split	QZVN.bx
28682	159.6	162	2011	Expl Geochem	H-split	MT-CO
28683	162	164	2011	Expl Geochem	H-split	MT-CO
28684	164	166	2011	Expl Geochem	H-split	MT-CO
32502	166	168	2011	Expl Geochem	H-split	MT-CO
28685	168	170.4	2011	Expl Geochem	H-split	MT-CO
28686	170.4	172.33	2011	Expl Geochem	H-split	MT-Phy
28687	172.33	174	2011	Expl Geochem	H-split	MT-Phy
28688	174	176.04	2011	Expl Geochem	H-split	MT-Phy
28689	176.04	178	2011	Expl Geochem	H-split	MT-CO
28690	178	180	2011	Expl Geochem	H-split	MT-CO
28691	180	182	2011	Expl Geochem	H-split	MT-CO
28692	182	184.25	2011	Expl Geochem	H-split	MT-CO
28693	184.25	186.47	2011	Expl Geochem	H-split	MT-SS.mgr
28694	186.47	189.46	2011	Expl Geochem	H-split	MT-Phy
28695	189.46	191.67	2011	Expl Geochem	H-split	MT-Phy
28696	191.67	194.1	2011	Expl Geochem	H-split	MT-SS.mgr
28697	194.1	196.1	2011	Expl Geochem	H-split	MT-Phy
28698	196.1	197.72	2011	Expl Geochem	H-split	MT-Phy
28699	197.72	199	2011	Expl Geochem	H-split	MT-SS.mgr
28700	199	200.95	2011	Expl Geochem	H-split	MT-SS.mgr
28701	200.95	203	2011	Expl Geochem	H-split	MT-SLT
28702	203	204.58	2011	Expl Geochem	H-split	MT-Phy
28703	203	204.58	2011	DUP	Q-Split	MT-Phy
28704	203	204.58	2011	Blank	LWS_2011	MT-Phy
28705	204.58	205.15	2011	Expl Geochem	H-split	MT-Phy.gf
28706	205.15	207	2011	Expl Geochem	H-split	MT-Phy.gf
28707	207	209.28	2011	Expl Geochem	H-split	MT-Phy.gf
28708	209.28	211.52	2011	Expl Geochem	H-split	MT-Phy.gf
28709	211.52	213	2011	Expl Geochem	H-split	MT-Phy.gf
28710	213	215.05	2011	Expl Geochem	H-split	MT-Phy.gf
28711	215.05	216.13	2011	Expl Geochem	H-split	MT-SS.fgr
28712	216.13	219	2011	Expl Geochem	H-split	MT-Phy.gf
28713	219	221	2011	Expl Geochem	H-split	MT-Phy.gf
28714	221	222.5	2011	Expl Geochem	H-split	MT-Phy
28715	222.5	223.8	2011	Expl Geochem	H-split	MT-Phy
28716	223.8	225	2011	Expl Geochem	H-split	MT-Phy
28717	225	226.95	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-017 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 296

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28718	226.95	228.76	2011	Expl Geochem	H-split	MT-Phy
28719	228.76	230.5	2011	Expl Geochem	H-split	MT-SLT
28720	230.5	232.42	2011	Expl Geochem	H-split	MT-CO
28721	232.42	234.4	2011	Expl Geochem	H-split	MT-CO
28722	234.4	236.2	2011	Expl Geochem	H-split	MT-CO
28723	236.2	238	2011	Expl Geochem	H-split	MT-CO
28724	238	240	2011	Expl Geochem	H-split	MT-CO
28725	240	242.05	2011	Expl Geochem	H-split	MT-CO
28726	242.05	244	2011	Expl Geochem	H-split	MT-CO
28727	244	246	2011	Expl Geochem	H-split	MT-CO
28728	246	247.8	2011	Expl Geochem	H-split	MT-CO
28729	247.8	248.59	2011	Expl Geochem	H-split	QZVN
28730	248.59	250.6	2011	Expl Geochem	H-split	MT-Phy
28731	250.6	252.55	2011	Expl Geochem	H-split	MT-Phy
28732	252.55	253.55	2011	Expl Geochem	H-split	MT-SS.cgr
28733	253.55	253.9	2011	Expl Geochem	H-split	QZVN
28734	253.9	255	2011	Expl Geochem	H-split	MT-SS
28735	255	255.7	2011	Expl Geochem	H-split	MT-Phy
28736	255.7	258	2011	Expl Geochem	H-split	MT-Phy
28737	258	260	2011	Expl Geochem	H-split	MT-Phy
28739	260	262	2011	STND	CDN-GS-8B	MT-Phy
28740	260	262	2011	DUP	Q-Split	MT-Phy
28738	260	262	2011	Expl Geochem	H-split	MT-Phy
28741	262	264	2011	Expl Geochem	H-split	MT-Phy
28742	264	266	2011	Expl Geochem	H-split	MT-Phy
28743	266	267.46	2011	Expl Geochem	H-split	MT-Phy
28744	267.46	269.35	2011	Expl Geochem	H-split	MT-Phy
28745	269.35	270.48	2011	Expl Geochem	H-split	MT-Phy
28746	270.48	272.1	2011	Expl Geochem	H-split	MT-Phy
28747	272.1	274	2011	Expl Geochem	H-split	MT-Phy
28748	274	276	2011	Expl Geochem	H-split	MT-Phy
28749	276	277.2	2011	Expl Geochem	H-split	MT-Phy
28750	277.2	278.5	2011	Expl Geochem	H-split	MT-SS.fgr
28751	278.5	280	2011	Expl Geochem	H-split	MT-Phy
28752	280	282	2011	Expl Geochem	H-split	MT-SLT
28753	282	284.2	2011	Expl Geochem	H-split	MT-Phy
28754	284.2	285.8	2011	Expl Geochem	H-split	MT-Phy
28755	285.8	288	2011	Expl Geochem	H-split	MT-Phy
28756	288	290	2011	Expl Geochem	H-split	MT-Phy

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-017	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	296					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28757	290	292	2011	Expl Geochem	H-split	MT-Phy
28758	292	294	2011	Expl Geochem	H-split	MT-Phy
28759	294	295.7	2011	Expl Geochem	H-split	MT-Phy
28760	295.7	296	2011	Expl Geochem	H-split	MT-SS.mgr

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533733.3	6843982.3		

Elevation: 1540 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 357.0 m
Core Size: HQ

Start Date: 08/08/2011
Finish Date: 12/08/2011
Status: Completed
Contractor: Driftwood

Objective:

The target of this drill is the same as 3A-11-P03, the down plunge extension of the potential ore shoot. Targets expected at 105m and 160m.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	60.1	270.84	5850	Reflex	1
72	62.3	267.84	5124	Reflex	1
123	63.4	267.74	5840	Reflex	1
174	63.3	267.24	5840	Reflex	1
225	64.1	267.64	5834	Reflex	1
327	65.4	266.34	5838	Reflex	1
357	65.5	265.94	5832	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6		CASING		100.0%					0
6	62.1	Minor veining with chlorite alteration	QZVN		3.0%	w			co	1
6	62.1	Black, very broken to blocky, well foliated, with weakly oxidation	MT-Phy		97.0%	n			br	1
62.1	68.7	Gray, silt interbedding, unoxidized	MT-SLT		100.0%	n			co	1
68.7	97.8	Milky chlorite vein	QZVN		1.0%	w				
68.7	97.8	Graphitic, well foliated	MT-Phy		99.0%	n			co	1
97.8	109.55	Milky vein	QZVN		3.0%	w				
97.8	109.55	Fault contact, qtz rounded clasts, moderately sorted, pebble 4-8mm, clasts supported, 90% Qtz, 8% feldspar, 2% lithic, angular clast supported breccia	MT-CO	bx	97.0%	gy	qtz	90	co	2
109.55	120.85	Milky, 2-5cm thick, sheeted	QZVN		5.0%	w			co	
109.55	120.85	2-4mm size, moderately sorted, rounded clasts, Qtz 90%, feldspar 5%, 95% conglomerate, 5% matrix	MT-SS	bx	95.0%	gy			br	1
120.85	135.45	2-20cm sheeted, contains 0.05% py	QZVN		10.0%				co	
120.85	135.45	4-8mm size, rounded clasts, moderately sorted, Qtz 90%, feldspar 10%, 95% conglomerate, 5% matrix. FeCb alteration on feldspar grains showing low shearing, lamellae 2mm-2cm spacing	MT-CO		90.0%	gy			co	2
135.45	137	2-12cm thick	QZVN		5.0%	w			co	
135.45	137	Broken, shattered, possible fault zone, gouge, graphitic alteration, interbeded w/silt	MT-Phy		95.0%	n			s	1
137	138.7	Sheeted	QZVN		2.0%	w			co	
137	138.7	4-8mm, rounded clasts, moderately sorted, Qtz 90%, feldspar 10%, 95% conglomerate, 5%matrix. FeCb alteration on feldspar grains	MT-CO		98.0%	gy			co	
138.7	159.15	Stockwork, weak vuggy veining	QZVN		10.0%	w			co	
138.7	159.15	Angular qtz clasts, 4-8mm, matrix supported, moderate propylitic alteration (chlorite+FeCb)	MT-CO	bx	90.0%	gy			br	3
159.15	168.65	2-6cm thick, irregular veining	QZVN		5.0%	w			co	
159.15	168.65	Possible fault zone, gray-black with laminar silt, unoxidized	MT-Phy		95.0%	n			br	3
168.65	177	Irregular to stockwork veining type	QZVN		10.0%	w				1
168.65	177	Qtz 90%, 5% feldspar, 5% lithic. 95%, 4-8mm fine gravel angular quartz clasts, moderately sorted, 5% matrix. Broken core, showing low shearing and locally gouges	MT-CO	bx	90.0%	w	qtz	90	fr	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-018	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	357					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
177	185.35	Irregular to stockwork veining type, 2-12 cm width	QZVN		15.0%	w				
177	185.35	85% Qtz, 18% feldspar, 2% lithic. 95% rounded qtz clasts, ~ 4-8mm, 5% matrix. Weak FeCb alteration on feldspar grains and moderate silicification	MT-CO	pbl	85.0%	gy	qtz	95	co	1
185.35	201.66	Irregular to sheeted, contains propylitic alteration	QZVN		3.0%	w				1
185.35	201.66	Laminated, zebra appearance	MT-SLT		10.0%	gy			co	1
185.35	201.66	Interbedded with siltstone, shows brittle-ductile shearing from 186.45-194.15m	MT-Phy		30.0%	n			co	1
185.35	201.66	Medium grained, Compose 60% of the turbidity sequence, weak FeCb alteration, weak silicification	MT-SS		57.0%	gy			co	1
201.66	224	Very irregular to sheeted 1mm-9cm width	QZVN		5.0%	w			co	2
201.66	224	Well foliated, graphitic, shows some intervals with brittle ductile shearing and breccia zones, it is also interbedded with silt	MT-Phy		95.0%	n			co	2
224	244.6	Very laminated, 1mm-2cm spacing	MT-SLT		5.0%	gy			co	1
224	244.6	Well foliated, shows low shearing zones	MT-Phy		5.0%	n			co	2
224	244.6	Sheeted 2-12 cm width, shows FeCb alteration	QZVN		10.0%	w			co	1
224	244.6	Represents 20% of a turbiditic sequence, fine gravel texture, 90% qtz, 8% feldspar and 2% lithic	MT-CO		20.0%	gy			co	1
224	244.6	60% of turbiditic sequence, fine grained	MT-SS		60.0%	gy			co	1
244.6	254.75	Irregular due to shearing? Chloritic alteration	QZVN		3.0%	w			co	2
244.6	254.75	High angle foliation, graphitic, contains silt laminations	MT-Phy		97.0%	n			co	2
254.75	265.5	Low core axis angle, irregular to sheeted	QZVN		10.0%	w			co	1
254.75	265.5	90% quartz, 5% feldspar, 5% lithic. 95% rounded quartz clasts, 5% matrix moderately sorted	MT-CO		90.0%	gy	qtz	95	co	1
265.5	275.1	Irregular to sheeted, 1mm-3 cm width, contains chloritic and iron carbonate alteration	QZVN		5.0%	w			co	1
265.5	275.1	Foliated with locally low shearing zones and foldings. The contact is gradational with MT-CO, unoxidized	MT-Phy	fol	95.0%	n			co	1
275.1	294	Irregular to sheeted, 2-20cm width, low core angle	QZVN		30.0%	w			co	1
275.1	294	Fine sand, 90% quartz, 10% feldspar; 95% sand, 5% matrix, well sorted, 1mm size	MT-SS		70.0%	gy			fr	1
294	299.55	Irregular, Iron carbonate alteration especially when the veins are in phyllite	QZVN		5.0%	w			co	1
294	299.55	Show low shearing, interbedded, minor irregular veining	MT-Phy		32.0%	n			co	1
294	299.55	95% quartz, 5% feldspar; 95% very fine sand, 5% matrix. Possible turbiditic sequence	MT-SS		63.0%	gy			br	1
299.55	322.7	Minor irregular veining	QZVN		2.0%	w				1
299.55	322.7	90% quartz, 8% feldspar, 2% lithic; moderately sorted ~2-4mm grain size, 90% quartz, 10% matrix	MT-CO		18.0%	gy			br	2
299.55	322.7	Intensely 80% gouge which contains about 40% subrounded qtz clasts	MT-Phy		80.0%	n			br	3
322.7	327.5	Sheeted with FeCb alteration	QZVN		5.0%	w				1
322.7	327.5	85% quartz, 10% feldspar and 5% lithic; 90% pebble and 10% matrix. This unit contains interbedded phyllite.	MT-CO		95.0%	gy			br	2
327.5	343.6	Sheeted, 2mm-10cm width	QZVN		2.0%	w				
327.5	343.6	80% quartz, 15% feldspar, 5% lithic; 95% sand, 5% matrix; well sorted	MT-SS		18.0%	gy			co	1
327.5	343.6	Average 65 degree angle foliation, graphitic, low shearing locally	MT-Phy		80.0%	n			br	1
343.6	347	Stockwork and sheeted, FeCb alteration	QZVN		30.0%	w			co	1
343.6	347	90% quartz, 8% feldspar, 2% lithic; rounded; moderately sorted; 90% fine gravel and 10 % matrix	MT-CO		70.0%	gy			br	1
347	357	Irregular (TVA) FeCb alteration 1mm-1cm width	QZVN		2.0%	w			co	1
347	357	Average 60 degree angle foliation, graphitic, showing low shearing and tension veins	MT-Phy		98.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-018	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	270	357				

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
28.73	28.93	Concordant	fecb	1	smgr	g
28.73	28.93		chl	1	smgr	g
46.33	46.43		fecb	1	smgr	g
46.33	46.43	Pb, concordant w/phyllite	chl	1	smgr	bf
46.9	47.25	Concordant w/phyllite	fecb	1	smgr	bf
46.9	47.25	Concordant w/phyllite	chl	1	smgr	g
48.75	48.85	Concordant w/phyllite	fecb	1	smgr	g
48.75	48.85	Concordant w/phyllite	chl	1	smgr	bf
55.1	55.2	Concordant w/phyllite	fecb	1	smgr	bf
97.98	108.3	on feldspar grains	fecb	1	smgr	bf
120.75	120.85		chl	1	vn	g
120.85	138.7	on feldspar grains	fecb	1.5	smgr	bf
138.7	159.15		fecb	1	vn	o
139.45	140.15		chl	2.5	smgr	g
139.45	140.15	on feldspar grains	fecb	2.5	smgr	bf
146.55	159		fecb	1	smgr	n
159.15	168.65		gr	1	fol	w
177	185.35		fecb	1	smgr	bf
185.35	189		fecb	1	vn	bf
189	192		fecb	1	smgr	bf
192	194		fecb	1	vn	bf
194	195.55		fecb	1	smgr	bf
195.55	258.65		fecb	1	vn	bf
258.65	265.5	on fedspar grains	fecb	1	smgr	bf
265.5	275.1		chl	1	vn	bf
265.5	275.1		fecb	1	vn	g
291	299.55		fecb	1	vn	bf
299.55	305.3		gr	3.5	gouge	n
310.4	322.7		gr	3.5	gouge	n
322.7	327.5		fecb	1	vn	bf
327.5	343.6		gr	3.5	fol	n
343.6	347		fecb	1	vn	bf
347	357		fecb	1	vn	bf
347	357		gr	2.5	gouge	n

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-018	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	270	357				

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
6	6.08	QZVN	0.0%		Grinding, possible loss core
18.55	21	FZ	200.0%	BFZ	Possible loss core
25.45	25.7	QZVN	0.0%	SHTV	FeCb alteration
28.73	28.93	QZVN	0.0%	SHTV	FeCb alteration
46.05	46.25	SZ	100.0%	DBSZ	
46.33	46.43	QZVN	0.0%	SHTV	FeCb alteration
46.9	47.25	QZVN	0.0%	SHTV	FeCb alteration
47.5	47.55	FZ	200.0%	BFZ	Gouge
48.25	48.35	FZ	200.0%	BFZ	Gouge
48.75	48.85	QZVN	0.0%	SHTV	FeCb alteration
55.1	55.2	QZVN	0.0%	SHTV	Milky
78.2	78.48	FZ	200.0%	BFZ	Gouge infilling phyllite around 2-4 cm thick, 30% subangular qtz clasts
80.6	80.62	FZ	200.0%	BFZ	Gouge
97.4	97.8	FZ	200.0%	BFZ	Gouge
97.8	109.55	FZ	300.0%	bx	
100.5	109.1	QZVN	300.0%	bx	
108.3	108.45	FZ	300.0%	bx	40% subangular qtz clasts
120.85	135.45	SZ	100.0%	DSZ	Low shearing
135.35	137	SZ	200.0%	DBSZ	
138.7	159.15	QZVN	200.0%	bx	
144.95	146.55	FZ	300.0%	BFZ	Gouge
159.15	168.65	FZ	300.0%	BFZ	Gouge
174	174.15	FZ	200.0%	BFZ	Gouge
186.45	194.15	SZ	200.0%	DBSZ	
186.45	194.15	SZ	200.0%	DBSZ	
200.9	216	SZ	200.0%	DBSZ	Graphitic alteration
200.9	216	SZ	200.0%	DBSZ	Graphitic alteration
208	208.6	FZ	300.0%	BFZ	Gouge
210.55	210.75	FZ	300.0%	BFZ	Gouge
211.65	211.85	FZ	300.0%	BFZ	Gouge
214	216	FZ	300.0%	bx	
226	226.8	FZ	300.0%	BFZ	Gouge
230.25	230.5	SZ	200.0%	DBSZ	Irregular Qtz veining
244.6	245.8	SZ	200.0%	DBSZ	
245.8	246.3	FZ	300.0%	BFZ	Gouge with graphitic alteration
255.2	257	FZ	300.0%	BFZ	Gouge
294	294.5	SZ	200.0%	DBSZ	Qtz tension veins
297.5	298	FZ	300.0%	bx	

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-018	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	60	270	357				

From	To	Mineral	Intensity	Distribution	Comments
299.55	327.5	FZ	300.0%	bx	40% subangular qtz clasts
303.25	305.3	FZ	300.0%	bx	
310	322	FZ	300.0%	bx	Gouge
322.4	322.7	FZ	300.0%	BFZ	Gouge
327.5	343.6	SZ	200.0%	DBSZ	
342.75	343	FZ	300.0%	BFZ	Gouge
343.4	343.6	FZ	300.0%	BFZ	Gouge
355.3	355.6	FZ	300.0%	BFZ	Gouge

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
6	6.08	Grinding, poorly recovered milky vein	asp	0.01	vn
46.33	46.43	Qtz chlorite vein w/ FeCb alteration	gn	0.01	vn
57.45	68.7		py	0.02	fol
78.2	78.48	Cubic	py	0.01	gouge
97.4	97.75	Cubic	py	0.02	gouge
97.75	99		py	0.5	gouge
97.75	99	Possible gold trace	Au	0.02	gouge
99	100.5	Trace	asp	0.02	vn
99	100.5	Trace	py	0.01	vn
100	102		py	0.02	vn
100.5	102		asp	0.01	vn
102	109.55		asp	0.5	vn
102	109.55		py	1	vn
109.55	120.85		asp	0.2	vn
109.55	120.85		py	1	vn
120.85	132		py	0.5	vn
132	135.45		gn	0.02	vn
132	135.45		asp	0.05	vn
132	135.45		py	0.3	vn
135.45	137		py	0.2	vn
135.45	137		gn	0.01	vn
137	138.7		py	0.5	vn
138.7	140.15		asp	0.2	vn
138.7	140.15		py	0.5	vn
140.15	144.95		py	0.5	vn
140.15	144.95		asp	0.3	vn
144.95	146.55		py	0.2	vn
146.55	159.15		asp	1	vn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

From:	To:	Comments	Mineral	Percent	Distribution
146.55	159.15		py	2	vn
159.15	168.65		py	2	vn
168.65	177		py	2	vn
168.65	177		asp	2	vn
177	178.2		asp	0.5	vn
177	178.2		py	1	vn
178.2	183.35		asp	0.05	vn
178.2	185.35		py	0.5	vn
183.35	189		py	1	vn
189	192		py	0.5	vn
189	192		asp	0.02	vn
192	194.15		py	1	vn
194.15	201	Cubic	py	0.5	vn
201	204		py	2	vn
201	204	Trace	asp	0.01	vn
204	216		py	1	vn
216	224		py	0.3	vn
224	228.2		asp	0.01	vn
228.2	230.7	Trace	gn	0.01	vn
228.2	230.7		asp	0.02	vn
228.2	230.7		py	0.5	vn
230.7	232.45		py	1	vn
230.7	232.45		asp	0.3	vn
232.45	236.05		py	1	vn
232.45	236.05		asp	0.5	vn
236.05	238.3		py	0.2	vn
236.05	238.3		asp	0.02	vn
238.3	243.6		asp	0.5	vn
238.3	243.6		py	1	vn
238.3	243.6		gn	0.02	vn
243.6	249		py	0.5	vn
249	254.8		py	0.05	vn
254.8	258		asp	0.02	vn
254.8	258		py	0.2	vn
258	265.5		asp	0.2	vn
258	265.5		py	0.5	vn
265.5	275.1		py	0.3	vn
275.1	284.5		asp	0.5	vn
275.1	284.5		py	1	vn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

From:	To:	Comments	Mineral	Percent	Distribution
284.5	288		asp	0.05	vn
284.5	288		py	0.3	vn
288	294		py	0.5	vn
288	294		asp	0.2	vn
294	299.55		py	0.2	vn
299.55	322.7		py	0.1	vn
322.7	327.5		py	0.5	vn
327.5	335.5		py	0.1	vn
335.5	339		py	0.2	vn
339	343.6		py	0.1	vn
343.6	347		py	0.5	vn
347	357		py	1	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
9.2	Bedding		So		FOL	45			
12.2	Veins		syn		SHTV	65			3mm
12.55	Veins		syn		SHTV	75			2cm
14.6	Bedding		So		FOL	60			
16.13	Axial Plane		Fx						
18.5	Bedding		So		FOL	65			
24.5	Veins		syn		SHTV	80			5mm, Boudins
26.6	Veins		syn		SHTV	35			1.5cm
28.73	Veins		syn		SHTV	65			20cm
28.93	Veins		syn		TVA	65			
29.83	Veins		syn		TVA	70			
30.03	Axial Plane		Fx			70			3cm wavelength, 2mm frequency
30.48	Bedding		So		FOL	45			
32.35	Veins		syn		SHTV	30			1.5cm
37.2	Bedding		So		FOL	45			
42.25	Veins		syn		SHTV	60			3cm
47.25	Veins		syn		SHTV	40			35cm
48.74	Veins		syn		SHTV	45			16cm
49.82	Veins		syn		SHTV	70			2mm
50.4	Bedding		So		FOL	45			
51.06	Axial Plane		Fx			55			
54.57	Bedding		So						
56.71	Veins		syn		SHTV	50			3mm
59.35	Bedding		So		FOL	40			

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
63	Bedding		So		FOL	55			
68.55	Bedding		So		FOL	45			
73.7	Bedding		So		FOL	40			
78.48	Faults		Sx		Gouge	42			30% subangular qtz clasts
84.12	Bedding		So		FOL	45			
90	Bedding		So		FOL	55	82		
93.15	Axial Plane		Fx			90			
96.7	Faults					20			2cm thick
97.35	Bedding		So		FOL	50			
97.75	Faults					50			Lower contact
101.88	Veins		syn			40			FeCb
102.58	Cleavage		Ssh		bx matrix	75			Localized
108.45	Faults					80			Lower contact
113.47	Veins		syn		SHTV	70			2cm thick
116.75	Veins		syn		SHTV	90	80		1.5cm thick
120.85	Veins		syn		SHTV	75			
123.55	Axial Plane		Fx			40			
125.83	Bedding		Sx			75	60		
126.75	Veins		syn		SHTV	90	76		
128	Veins		syn		SHTV	20	336		5cm thick
131.35	Veins		syn			60	210		8cm thick
132.97	Veins		syn		SHTV	40	30		17cm thick
137.15	Cleavage		Ssh	qtz	SHTV	60			
138.78	Cleavage		Ssh	py		45			
140.65	Veins		syn	qtz	SHTV	60			
141.58	Veins		syn	qtz	SHTV	20			20cm thick
143.78	Faults				Gouge	65			Lower contact
150.7	Faults				Gouge	55			
153.16	Axial Plane		Fx			30			
158.9	Veins		syn	qtz	SHTV	45			2cm thick
159.55	Faults				Gouge	40			Lower contact
163.35	Cleavage		Ssh			55			
165.1	Bedding		So		FOL	40			
168.65	Faults					50			
170.9	Cleavage		Ssh		bx matrix	40			
174.7	Veins		syn	qtz	SHTV	25			
179.23	Veins		syn	qtz	SHTV	35			
180.75	Veins		syn	qtz	SHTV	50	180		
181.5	Veins		So	qtz	SHTV	25	110		

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
182.1	Veins		syn	qtz	SHTV	50	134		
184.85	Veins		syn	qtz	SHTV	45			
185.45	Bedding		So		FOL	55	152		
186	Bedding		So		FOL	55	235		
188.3	Bedding		So		FOL	55			
190.3	Veins		syn	qtz	SHTV	35			
193.1	Veins		syn	qtz	SHTV	70			
193.2	Bedding		So		FOL	60			
194.86	Veins		syn	qtz	SHTV	35	0		
197.9	Bedding		So		FOL	65	144		
198	Veins		syn	qtz	SHTV	35	300		
199.5	Bedding		So		FOL	60	160		
200.37	Bedding		So		FOL	55	110		
200.5	Axial Plane		Fx		AXP	60	205		1.50cm frequency, 1cm wavelenthg
201	Bedding		So		FOL	55	170		
202	Veins		syn	qtz	SHTV	40			
203.55	Bedding		So		FOL	60			
204.25	Bedding		So		FOL	25	125		
204.6	Axial Plane		S1		FOL	30	150		
205	Veins		syn	qtz	SHTV	50	75		
206.45	Veins		syn	qtz	SHTV	80			
207.72	Bedding		So		FOL	80			
210	Bedding		So		FOL	50	125		
212.34	Veins		syn	qtz	SHTV	35	80		
216	Bedding		So		FOL	70	320		
216.65	Veins			qtz	SHTV	20	300		
217.6	Bedding		So		FOL	65	140		
219	Bedding		So		FOL	65	135		
220.86	Bedding		So		FOL	65	165		
222.6	Bedding		So		FOL	75			
223.93	Bedding		So		FOL	60			
227	Bedding		So		FOL	60			
229.42	Veins		syn	qtz	SHTV	50			
230	Veins		syn	qtz	SHTV	15			
235.2	Veins		syn	qtz	SHTV	30	120		12cm width
237	Bedding		So		FOL	65	125		
238.1	Bedding		So		FOL	60	152		
238.65	Veins		syn	qtz	SHTV	50	275		
239.7	Bedding		So		FOL	55	145		

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
241.8	Veins		syn	qtz	SHTV	50	70		
242.52	Veins		syn	qtz	SHTV	45	0		
245	Veins		syn	qtz	SHTV	15			
249	Bedding		So		FOL	80	280		
250	Veins		syn	qtz	SHTV	60			
252.25	Bedding		So		FOL	75			
254.8	Bedding		So		FOL	90	280		
258.5	Bedding		So		FOL	70			
279	Veins			qtz	SHTV	35	20		
281.8	Veins			qtz	SHTV	70	15		
284.4	Veins		syn	qtz	SHTV	20			
289.4	Veins		syn	qtz	SHTV	60			
291	Veins		syn	qtz	SHTV	60			
293.4	Veins		syn	qtz	SHTV	25			
294.2	Contact		So		FOL	55			Gradational contact with low shearing zone
297.3	Veins		syn	qtz	SHTV	35			
300.15	Veins		syn	qtz	SHTV	50			
303.85	Veins		syn	qtz	SHTV	85			
329.8	Bedding		So		FOL	55			
332.3	Bedding		So		FOL	65			
337.25	Bedding		So		FOL	60			
338.65	Veins		syn	qtz	SHTV	55			
341	Bedding		So		FOL	75			
342	Bedding		So		FOL	62	0		
345	Veins		syn	qtz	SHTV	15			
347.6	Bedding		So		FOL	70			
353.45	Bedding		So		FOL	70			
356.8	Bedding		So		FOL	45	180		

Assay Samples

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30001	6	9	2011	Expl Geochem	H-split	MT-Phy
30002	9	12	2011	Expl Geochem	H-split	MT-Phy
30003	12	15	2011	Expl Geochem	H-split	MT-Phy
30004	15	18	2011	Expl Geochem	H-split	MT-Phy
30005	18	21	2011	Expl Geochem	H-split	MT-Phy
30006	21	24	2011	Expl Geochem	H-split	MT-Phy
30007	24	27	2011	Expl Geochem	H-split	MT-Phy
30008	27	30	2011	Expl Geochem	H-split	MT-Phy
30009	30	33	2011	Expl Geochem	H-split	MT-Phy
30010	33	36	2011	Expl Geochem	H-split	MT-Phy
30011	36	39	2011	Expl Geochem	H-split	MT-Phy
30012	39	42	2011	Expl Geochem	H-split	MT-Phy
30013	42	45	2011	Expl Geochem	H-split	MT-Phy
30014	45	46.25	2011	Expl Geochem	H-split	MT-Phy
30015	46.25	47.25	2011	Expl Geochem	H-split	MT-Phy
30016	47.25	49	2011	Expl Geochem	H-split	MT-Phy
30017	49	51	2011	Expl Geochem	H-split	MT-Phy
30018	51	54	2011	Expl Geochem	H-split	MT-Phy
30019	54	57	2011	Expl Geochem	H-split	MT-Phy
30020	57	60	2011	Expl Geochem	H-split	MT-Phy
30021	60	62.1	2011	Expl Geochem	H-split	MT-Phy
30022	62.1	64.1	2011	Expl Geochem	H-split	MT-SLT
30023	64.1	65.6	2011	Expl Geochem	H-split	MT-SLT
30024	65.6	67.2	2011	Expl Geochem	H-split	MT-SLT
30025	67.2	68.7	2011	Expl Geochem	H-split	MT-SLT
30026	68.7	70.7	2011	Expl Geochem	H-split	MT-Phy
30027	70.7	72.7	2011	Expl Geochem	H-split	MT-Phy
30028	72.7	74.7	2011	Expl Geochem	H-split	MT-Phy
30029	74.7	76.7	2011	Expl Geochem	H-split	MT-Phy
30030	76.7	78.7	2011	Expl Geochem	H-split	Mt-Phy
30031	78.7	81	2011	Expl Geochem	H-split	MT-Phy
30032	81	83	2011	Expl Geochem	H-split	MT-Phy
30033	83	85	2011	Expl Geochem	H-split	MT-Phy
30034	85	87	2011	Expl Geochem	H-split	MT-Phy
30037	87	90	2011	DUP	Q-Split	MT-Phy
30035	87	90	2011	Expl Geochem	H-split	MT-Phy
30036	87	90	2011	STND	CDN-GS-8B	MT-Phy
30038	90	92	2011	Expl Geochem	H-split	MT-Phy
30039	92	94	2011	Expl Geochem	H-split	MT-Phy

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30040	94	96	2011	Expl Geochem	H-split	MT-Phy
30041	96	97.8	2011	Expl Geochem	H-split	MT-Phy
30042	97.8	99	2011	Expl Geochem	H-split	MT-CO
30043	99	100	2011	Expl Geochem	H-split	MT-CO
30044	100	101	2011	Expl Geochem	H-split	MT-CO
30045	101	102	2011	Expl Geochem	H-split	MT-CO
30046	102	103.5	2011	Expl Geochem	H-split	MT-CO
30047	103.5	105	2011	Expl Geochem	H-split	MT-CO
30048	105	106	2011	Expl Geochem	H-split	MT-CO
30049	106	107	2011	Expl Geochem	H-split	MT-CO
30050	107	108	2011	Expl Geochem	H-split	MT-CO
30051	108	109.55	2011	Expl Geochem	H-split	MT-CO
30052	109.55	111	2011	Expl Geochem	H-split	MT-SS
30053	111	112.5	2011	Expl Geochem	H-split	MT-SS
30054	112.5	114	2011	Expl Geochem	H-split	MT-SS
30055	114	115.5	2011	Expl Geochem	H-split	MT-SS
30056	115.5	117	2011	Expl Geochem	H-split	MT-SS
30057	117	119	2011	Expl Geochem	H-split	MT-SS
30058	119	120.85	2011	Expl Geochem	H-split	MT-SS
30059	120.85	122.85	2011	Expl Geochem	H-split	MT-CO
30060	122.85	124	2011	Expl Geochem	H-split	MT-CO
30061	124	126.85	2011	Expl Geochem	H-split	MT-CO
30062	126.85	128.85	2011	Expl Geochem	H-split	MT-CO
30063	128.85	130.85	2011	Expl Geochem	H-split	MT-CO
30064	130.85	132.85	2011	Expl Geochem	H-split	MT-CO
30065	132.85	134.15	2011	Expl Geochem	H-split	MT-CO
30066	134.15	135.45	2011	Expl Geochem	H-split	MT-CO
30067	135.45	137	2011	Expl Geochem	H-split	MT-Phy
30068	137	139	2011	Expl Geochem	H-split	MT-CO
30069	139	141	2011	Expl Geochem	H-split	MT-CO
30070	141	143	2011	Expl Geochem	H-split	MT-CO
30071	143	144.95	2011	Expl Geochem	H-split	MT-CO
30072	143	144.95	2011	DUP	Q-Split	MT-CO
30073	143	144.95	2011	Blank	LWS_2011	MT-CO
30074	144.95	146.55	2011	Expl Geochem	H-split	MT-CO
30075	146.55	148	2011	Expl Geochem	H-split	MT-CO
30076	148	150	2011	Expl Geochem	H-split	MT-CO
30077	150	151.5	2011	Expl Geochem	H-split	MT-CO
30078	151.5	153	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30079	153	154.5	2011	Expl Geochem	H-split	MT-CO
30080	154.5	156	2011	Expl Geochem	H-split	MT-CO
30081	156	159.15	2011	Expl Geochem	H-split	MT-CO
30082	159.15	162.45	2011	Expl Geochem	H-split	MT-Phy
30083	162.45	164.45	2011	Expl Geochem	H-split	MT-Phy
30084	164.45	166	2011	Expl Geochem	H-split	MT-Phy
30085	166	168.65	2011	Expl Geochem	H-split	MT-Phy
30086	168.65	171	2011	Expl Geochem	H-split	MT-CO
30087	171	173	2011	Expl Geochem	H-split	MT-CO
30088	173	174	2011	Expl Geochem	H-split	MT-CO
30089	174	175.5	2011	Expl Geochem	H-split	MT-CO
30090	175.5	177	2011	Expl Geochem	H-split	MT-CO
30091	177	179	2011	Expl Geochem	H-split	MT-CO
30092	179	181	2011	Expl Geochem	H-split	MT-CO
30093	181	183	2011	Expl Geochem	H-split	MT-CO
30094	183	185.35	2011	Expl Geochem	H-split	MT-CO
30095	185.35	186.45	2011	Expl Geochem	H-split	MT-SS
30096	186.45	189	2011	Expl Geochem	H-split	MT-Phy
30097	189	192	2011	Expl Geochem	H-split	MT-SS
30098	192	194.15	2011	Expl Geochem	H-split	MT-Phy
30099	194.15	196.15	2011	Expl Geochem	H-split	MT-SS
30100	196.15	198.15	2011	Expl Geochem	H-split	MT-SS
30101	198.15	200.15	2011	Expl Geochem	H-split	MT-SS
30102	200.15	201.66	2011	Expl Geochem	H-split	MT-SS
30103	201.66	203.66	2011	Expl Geochem	H-split	MT-Phy
30104	203.66	205.66	2011	Expl Geochem	H-split	MT-Phy
30105	205.66	207.66	2011	Expl Geochem	H-split	MT-Phy
30106	207.66	209.66	2011	Expl Geochem	H-split	MT-Phy
30107	209.66	211.66	2011	Expl Geochem	H-split	MT-Phy
30108	209.66	211.66	2011	STND	CDN-GS-8B	
30109	209.66	211.66	2011	DUP	Q-Split	MT-Phy
30110	211.66	213.66	2011	Expl Geochem	H-split	MT-Phy
30111	213.66	216	2011	Expl Geochem	H-split	MT-Phy
30112	216	218	2011	Expl Geochem	H-split	MT-Phy
30113	218	220	2011	Expl Geochem	H-split	MT-Phy
30114	220	222	2011	Expl Geochem	H-split	MT-Phy
30115	222	224	2011	Expl Geochem	H-split	MT-Phy
30116	224	226	2011	Expl Geochem	H-split	MT-SS
30117	226	228	2011	Expl Geochem	H-split	MT-SS

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30118	228	230	2011	Expl Geochem	H-split	MT-SS
30119	230	231	2011	Expl Geochem	H-split	MT-SS
30120	231	233	2011	Expl Geochem	H-split	MT-CO
30121	233	235	2011	Expl Geochem	H-split	MT-CO
30122	235	236	2011	Expl Geochem	H-split	MT-CO
30123	236	238	2011	Expl Geochem	H-split	MT-SS
30124	238	240	2011	Expl Geochem	H-split	MT-CO
30125	240	242	2011	Expl Geochem	H-split	MT-CO
30126	242	244.6	2011	Expl Geochem	H-split	MT-CO
30127	244.6	246.3	2011	Expl Geochem	H-split	MT-Phy
30128	246.3	249	2011	Expl Geochem	H-split	MT-Phy
30129	249	251	2011	Expl Geochem	H-split	MT-Phy
30130	251	253	2011	Expl Geochem	H-split	MT-Phy
30131	253	254.75	2011	Expl Geochem	H-split	MT-Phy
30132	254.75	257	2011	Expl Geochem	H-split	MT-CO
30133	257	258	2011	Expl Geochem	H-split	MT-CO
30134	258	260	2011	Expl Geochem	H-split	MT-CO
30135	260	262	2011	Expl Geochem	H-split	MT-CO
30136	262	264	2011	Expl Geochem	H-split	MT-CO
30137	264	265.5	2011	Expl Geochem	H-split	MT-CO
30138	265.5	267.5	2011	Expl Geochem	H-split	MT-Phy
30139	267.5	269.5	2011	Expl Geochem	H-split	MT-Phy
30140	269.5	271.5	2011	Expl Geochem	H-split	MT-Phy
30141	271.5	273.5	2011	Expl Geochem	H-split	MT-Phy
30142	273.5	275.1	2011	Expl Geochem	H-split	MT-Phy
30143	275.1	277	2011	Expl Geochem	H-split	MT-SS
30144	275.1	277	2011	DUP	Q-Split	MT-SS
30145	275.1	277	2011	Blank	LWS_2011	
30146	277	279	2011	Expl Geochem	H-split	MT-SS
30147	279	281	2011	Expl Geochem	H-split	MT-SS
30148	281	283	2011	Expl Geochem	H-split	MT-SS
30149	283	285	2011	Expl Geochem	H-split	MT-SS
30150	285	287	2011	Expl Geochem	H-split	MT-SS
30151	287	289	2011	Expl Geochem	H-split	MT-SS
30152	289	291	2011	Expl Geochem	H-split	MT-SS
30153	291	294	2011	Expl Geochem	H-split	MT-SS
30154	294	296	2011	Expl Geochem	H-split	MT-Phy
30155	296	298	2011	Expl Geochem	H-split	MT-SS
30156	298	299.55	2011	Expl Geochem	H-split	MT-SS

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-018 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 357

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30157	299.55	301.55	2011	Expl Geochem	H-split	MT-Phy
30158	301.55	303.55	2011	Expl Geochem	H-split	MT-Phy
30159	303.55	305.3	2011	Expl Geochem	H-split	MT-Phy
30160	305.3	310.4	2011	Expl Geochem	H-split	MT-SS
30161	310.4	312	2011	Expl Geochem	H-split	MT-Phy
30162	312	314	2011	Expl Geochem	H-split	MT-Phy
30163	314	316	2011	Expl Geochem	H-split	MT-Phy
30164	316	318	2011	Expl Geochem	H-split	MT-Phy
30165	318	320	2011	Expl Geochem	H-split	MT-Phy
30166	320	322.7	2011	Expl Geochem	H-split	MT-Phy
30167	322.7	324	2011	Expl Geochem	H-split	MT-CO
30168	324	327.5	2011	Expl Geochem	H-split	MT-CO
30169	327.5	330	2011	Expl Geochem	H-split	MT-Phy
30170	330	332	2011	Expl Geochem	H-split	MT-Phy
30171	332	334	2011	Expl Geochem	H-split	MT-Phy
30172	334	335.5	2011	Expl Geochem	H-split	MT-Phy
30173	335.5	337	2011	Expl Geochem	H-split	MT-SS
30174	337	339	2011	Expl Geochem	H-split	MT-SS
30175	339	341	2011	Expl Geochem	H-split	MT-Phy
30176	341	343.6	2011	Expl Geochem	H-split	MT-Phy
30177	343.6	345	2011	Expl Geochem	H-split	MT-CO
30178	345	347	2011	Expl Geochem	H-split	MT-CO
30179	347	349	2011	Expl Geochem	H-split	MT-Phy
30180	347	349	2011	STND	CDN-GS-8B	
30181	347	349	2011	DUP	Q-Split	
30182	349	351	2011	Expl Geochem	H-split	MT-Phy
30183	351	353	2011	Expl Geochem	H-split	MT-Phy
30184	353	355	2011	Expl Geochem	H-split	MT-Phy
30185	355	357	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533733.2	6843982.3		

Elevation: 1540 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 270
EOH: 333.0 m
Core Size: HQ

Start Date: 12/08/2011
Finish Date: 16/08/2011
Status: Completed
Contractor: Driftwood

Objective:
Follow up on fault intersection in Hole 3A-11-018 and Hole 3A-11-017

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	76.4	267.54	5853	Reflex	1
72	77.5	267.34	5844	Reflex	1
123	77.3	260.84	5849	Reflex	1
174	76.1	256.04	5843	Reflex	1
225	76.3	255.14	5841	Reflex	1
276	75.8	254.74	5839	Reflex	1
327	76.1	254.14	5842	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6	no core recovered	CASING		100.0%				co	1
6	57.18	Quartz veining in phyllite unit is relatively scarce and occurs as: - thin, <0.5cm thick, dusty white, foliation concordant seams - localized as 4-15cm thick massive, quartz-chlorite-iron-carbonate veining - on instance of massive, ~40cm thick quartz veining [point measurements + structure table hold more detailed information]	QZVN		2.0%	w			co	1
6	57.18	in progress: black, folded phyllite, with regularily occuring thin, grey silt lamellae Texture too fine-grained to determine exact composition foliated along original, compositional bedding planes (So) S1 occassionally discernible (drill markings perpendicular to core axis tend to obscur S1); several localized intervals where small cink (parasitic) fold profiles are visible. Unit fairly competent (especially at top of hole) with blocky appearance due to mainly mechanical fractures along foliation. Several narrow, localized, structural deformation zones between 50-70 meters downhole depth.	MT-Phy		98.0%	n			br	1
57.18	60.65	foliation concordant quartz veining in graphitic phyllite with about 2-20cm thickness	QZVN		10.0%	w			fr	2
57.18	60.65	graphitic phyllite: colour (virtual absence of silt lamellae) and texture too fine-grained to determine exact composition unit is blocky and locally friable graphite is remobilized along cleavages with polished appearance Upper Contact: Core is blocky an partially friable above upper contact. Lower Contact: Narrow, partially gouged zone at lower contact of zone that apears to terminate graphitic component. Contacts chosen for discernible graphite component.	MT-Phy	gf	90.0%	n			fr	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-019	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
75	270	333					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
60.65	101.15	Quartz veining is scarcely distributed and generally present in localized narrow zones: - from 72-79 m as thin, dusty white, predominantly foliation discordant seams - from 60.65-61.75m in form of pyrite minerlized, foliation concordant veining related to vein formation in graphitic unit above	QZVN		2.0%	w			co	1
60.65	101.15	Black phyllite with ~5% thin, grey silt lamellae that appear throughout (striped, lamellar appearance) Texture too fine-grained to determine exact composition Unit is broken and blocky from 60.65-72.20m and interspersed gouge wedges ast center from 66-68.35m Lower contact with unit with densely distributed veining.	MT-Phy		98.0%	n			co	1
101.15	105.8	Quartz veining is densely spaced and generally 0.5-3cm thick. Veining is dominantly foliation concordant. Upper and lower contact of unit are determined by absence of veining.	QZVN		15.0%	w			co	1
101.15	105.8	Black foliated phyllite as seen in previous unit with high density of foliation concordant quartz veining and occassionally flex-folded bedding cleavages. Upper and lower contact of unit are determined by absence of veining.	MT-Phy		85.0%	n			co	1
105.8	120.1	silt as laminae and occassionally as discrete up to 20cm beds	MT-SLT		10.0%	gy			fr	2
105.8	120.1	black phyllite with occasional discrete, up to 20cm width silt interbeds blocky and broken throughout with gouge wedges and freiable coe towards lower contact	MT-Phy		90.0%	n			fr	2
120.1	127.8	Quartz veining is thin and diffuse and grades into angular clasts towards lower contact	QZVN	bx	35.0%	w			co	3
120.1	127.8	light grey, friable, brecciate Quartz-Pebble-Conglemerate with diffuse quartz veining and increasing size of quartz (vein) clasts towards lower contact of unit. Several blocks with weakly developed shear texture in form of alignment of wispy chlorite seams at ca. 4mm spacing. original composition: 10-15% pitted, clay/iron-carbonate altered feldspars discernible. Difficult to discern angular quartz clasts from angular quartz vein clasts. Clasts size: 0.5-3cm	MT-CO	bx	65.0%	gy	qtz	85	co	3
127.8	157.75	quartz veining in folded phyllite in form of broad 4-30cm vens with angular phyllite inclusions and prominent buff iron-carbonate patches. Vein intensity and thickness varies greatly throughout unit. [see structure table, alteration and point measurements for details on vein density distriubtion]	QZVN		10.0%	bf			br	2
127.8	157.75	folded phyllite with open folding of up to 0.5m wavelenght; texture too fine grained to determine exact composition various fault intervals throughout unit [see structure table and point measurements] competence of this unit is very variable [refer to geotechnical log]	MT-Phy		90.0%	n			br	2
157.75	167	Quartz veining is frequently parallel and sheeted along 35-40TCA and about 0.5-1cm in thickness. Veining is milky white in appearance with slight diffuse boundaries and occassionally vuggy.	QZVN		5.0%	w			co	1
157.75	167	light grey, granule size Quartz Conglomerate grainsize: 2-5mm Composition: 85% grey quartz; 14% white, clay altered, pitted feldspar; ~1% fine grained, dark lithics Grainshape subangular several localized intervals of low grade shearing in form of aligned, wispy, semi-penetrative grey chlorite lamellae at ~8mm spacing narrow gouge wedge at lower contact upper contactwith phyllite is poorly recoverd but grading from sandstone into granule size conglomerate is apparent	MT-CO		95.0%	gy	qtz	85	co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 270 **EOH:** 333

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
167	204.52	Quartz Veining in Turbidite Sequence: - generally 1-4cm thick and at 30-50TCA in sandstones and conglomerate - often with buff iron carbonate patches - where in sandstone and conglomerate frequently terminated/cut-off at contacts with Phyllite (phyllite contacts are concordant to phyllite bedding foliation) - as thinner seams in phyllite sequences [see point measurements and structure table for details on quartz veining]	QZVN		10.0%	w			br	1
167	204.52	Turbidite Sequence with rapidly changing lithologies (granule size Conglomerate - fine to coarse grained Sandstone - black Phyllite with grey laminar silt interbedding. Interbeds range from 25cm to 3meters in length. Assay samples are separated by Lithology wherever possible. Conglomerate mostly near upper contact of unit. Conglomerate Composition: 85% grey quartz; 14% buff, pitted, iron carbonate altered feldspar; 1% dark lithics Grainsize: 2-4mm Grainshape: Subangular Quartz veining in Conglomerate is frequently terminated at contacts with Phyllite. Contacts with PHyllite are concordant to Phyllite bedding foliation.	MT-CO		15.0%	gy	qtz	85	br	1
167	204.52	Rapidly interchanging phyllite sequence with up to 30% grey silt laminae; fine to medium grained sandstone and phyllite predominate in lower 2/3 of unit. Texture of phyllite-silt too fine-grained to determine exact composition. Contacts between phyllite and coarser grained units tend to be concordant to phyllite foliation. Sandstone ranges from fine to predominantly medium grained: 0.5-1.5mm Grainshape: subangular to subrounded Composition: 80% grey quartz; locally up to 20% orange buff, iron-carbonate altered feldspar Upper contact bounds pure conglomerate sequence. Lower contact bounds phyllite sequence with intense iron-carbonate veining.	MT-SS	mgr	35.0%	gy	qtz	80	br	1
167	204.52	Rapidly interchanging phyllite sequence with up to 30% grey silt laminae; fine to medium grained sandstone and phyllite predominate in lower 2/3 of unit. Texture of phyllite-silt too fine-grained to determine exact composition. Contacts between phyllite and coarser grained units tend to be concordant to phyllite foliation. 185.3-190.0m continuous phyllite-silt sequence with 20-30TCA compositional bedding cleavage core anlge.	MT-Phy		40.0%	n			br	1
204.52	213.3	silt as grey laminae in phyllite and as larger scale interbedding grading into fine-grained sandstone at lower contact of unit	MT-SLT		5.0%	gy			co	1
204.52	213.3	densely distributed - frequently non-planar/jagged iron-carbonate-quartz veining in phyllite [see point structures table for orientations] vein intensity receedes in last 3 meters of interval	QZVN		15.0%	bf			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-019	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
204.52	213.3	black foliated phyllite with grey silt laminae along compositional bedding cleavage texture too fine-grained to determine exact composition folded throughout upper contact with sandstone is sharp and competent lower contact is between siltstone interbed and graphitic phyllite below	MT-Phy		80.0%	n			co	1
213.3	223.15	Quartz veining in graphitic phyllite unit contains pyrite clusters and is highly deformed/folded. Veining is frequently offset and discordant to So. Quartz veining generally <3cm in thickness and hus dusty white appearance. Veining grades into brecciated fragments in phyllite gouge towards lower contact. Lower contact of unit reaches into brittle fault zone.	QZVN		5.0%	w			co	1
213.3	223.15	Graphitic Phyllite that overlaps with brittle fault zone. End of unit chlosen by end detectable presence of graphite along foliation cleavages Zone of defomation: Competent, but compositional bedding foliation as well as quartz veinlets frequently off-set along thin healed seams. Texture too fine-grained to determine exact composition of phyllite.	MT-Phy	gf	95.0%	n			co	1
223.15	239.72	Quartz veining within brittle fault zone:	QZVN	bx	35.0%	w			co	1
223.15	239.72	Phyllite within brittle fault zone:	MT-Phy		65.0%	n			co	1
239.72	248.3	white Quartz Vein Breccia with grey chlorite seams and very variable size quartz clasts: - quartz veining may appear massive with locally aligned grey chlorite seams within veining, but lacking distinct vein boundaries - also intervals with 0.5-1cm diameter quartz clasts in chlorite matrix interval is intensely pyrite mineralizes (disseminated and clustered) and to a lesser arsenopyrite and galena mineralized arsenopyrite occassionally as grey, semi-penetrative seams	QZVN	bx	100.0%	gy			co	1
248.3	264.84	Banded phyllite with ss layers, qzvn, 30 cm zone of chlorite/epidote alteration	MT-Phy	n	100.0%	n			co	2
264.84	273.92	Bedded phyllite	MT-Phy	n	20.0%	n			co	2
264.84	273.92	Banded ss with phyllite layers	MT-SS	fgr	80.0%	gy			co	2
273.92	275.78	Bedded phyllite	MT-Phy	n	100.0%	n			co	2
275.78	277.72	Qrtz vein contains pyrite and arsenopyrite	QZVN		40.0%	w			br	2
275.78	277.72	Medium grained grey ss	MT-SS	mgr	60.0%	gy			br	2
277.72	280.25	Black phyllite with SLT lamella	MT-Phy	n	100.0%	n			fr	2
280.25	306.8	Sheeted vns throughout mgr SS unit	QZVN		10.0%	w			fr	2
280.25	306.8	Grey mgr qtz rich SS	MT-SS	mgr	90.0%	gy			fr	2
306.8	312	Black phyllite with SLT lamella	MT-Phy	n	100.0%	n			fr	3
312	328.85	Grey mgr qtz rich SS	MT-SS	mgr	100.0%	gy			fr	2
328.85	333	Black phyllite with SLT lamella interbedded with mgr SS	MT-Phy	n	49.0%	n			co	2
328.85	333	Grey mgr qtz rich SS interbedded with phyl	MT-SS	mgr	51.0%	gy			co	2

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Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
24.5	27.9	green chlorite wisps in multiple, parallel, mircofractured, 5-25cm thick quartz veins: - slight iron staining - occassionally contain smal pyrite blebs - run foliation concordant (50-60TCA)	chl	2	vn	g
43.5	50.34	densly spaced quartz-iron-carbonate wedges and veins with undulated contacts concordant or subconcordant to compositional bedding cleavage in phyllite	fecb	2	vn	bf
60.65	61	chlorite wisps in axial planar quartz veining	chl	2	vn	g
120.1	127.8	pitted, altered feldspars in QPC-Quartz Vein Breccia	fecb	2	smgr	w
127.8	156	prominent crème-white iron carbonate patches on quartz veining in folded phyllite unit	fecb	3	vn	bf
127.8	159					
131	134.8	undulated, dusty white quartz veins with prominent, buff iron-carbonate patches and and angular (up to 4cm diameter) inclusions of phyllite; interval is partially softed and contains localized gouged fragments Interval is part of large scale fault zone from 120.1-143.00m.	fecb	4	vn	bf
134.8	147.1	prominent, buff iron-carbonate patches in quartz veining at predominantly low core angles in folded phyllite	fecb	3	vn	bf
147	157.75	pyrite mineralized, variable core angle, frequently non-planar quartz-iron-carbonate veining	fecb	2	vn	bf
157.75	167	alteration of feldspars in conglomerate	fecb	1	smgr	bf
167	204.52	alteration of feldspars in sandstone and conglomerate within turbidite sequences	fecb	1	smgr	bf
167	204.52	patchy overprints withing quartz veining in mixed lithology turbidite sequence	fecb	2	vn	bf
204.52	213.3	densely distributed, frequently non-planar iron-carbonate-quartz vein wedges and seams	fecb	4	vn	bf
239.72	248.3	occassional, small, buff iron-carbonate patches in Quartz Vein Breccia	fecb	1	vn	bf
253.85	255.85	pervasive chlorite alteration throughout the the rock, epidote along fractures	chl	3	perv	g
253.85	255.85	epiote infilling veins which are surrounded by chlorite alteration	ep	3	vn	g
270	328.85	White clay selectively replacing feldspars within the medium-coarse sandstone	wcl	1	smgr	w

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-019	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
24.5	30.9	QZVN	300.0%	SHTV	green chlorite wisps in multiple, parallel, mircofractured, 5-25cm thick quartz veins: - slight iron staining - occassionally contain smal pyrite blebs - run foliation concordant (50-60TCA)
43.5	50.34	QZVN	300.0%	SHTV	densly spaced quartz-iron-carbonate wedges and veins with undulated contacts concordant or subconcordant to compositional bedding cleavage in phyllite
57.18	60.65	QZVN	200.0%	SHTV	foliation concordant quartz veining in graphitic phyllite interval with friable wedges and massive, foliation concordant pyrite mineralziation at lower bound of interval
66	68.35	FZ	200.0%	BFZ	gouge wedges along foliation in friable phyllite
120.1	140	FZ	300.0%	BFZ	brittle fault zone that crosses lithological contacts: gouged zones and friable brecciated zones high incidence of quartz-iron-carbonate veining towards lowe bound of this intervals with angular phyllite clast inclusions and buff iron-carbonate wedges
131	135.1	QZVN	400.0%	bx	undulated, dusty white quartz veins with prominent, buff iron-carbonate patches and and angular (up to 4cm diameter) inclusions of phyllite; interval is partially softed and contains localized gouged fragments Interval is part of large scale fault zone from 120.1-143.00m.
150.8	153.4	FZ	300.0%	BFZ	softened gouged core along undulated low core anlge fractures in folded phyllite
153.4	157.75	QZVN	200.0%	TVA	high incidence of pyrite cluster mineralized quartz-iron-carbonate tension veins - with jagged branching habit
172.6	172.8	FZ	200.0%	BFZ	narrow 85TCA fault wedge at conglomerate-phyllite interbed contact: - cuts off veining in conglomerate - contains quartz fragments in high core angle gouge wedge - marks a drastic change in foliation (So) core angle in phyllite from 80TCA above to 20TCA below
181.3	185.3	QZVN	400.0%	bx	Variable core angle, intersecting and densely distributed quartz iron-carbonate veinlet in both sane and phyllite sequences with frequent soft gouged fragments. Veining grades into brecciated texture towards lower contact of unit and has frequent angular, elongated phyllite inclusions.
198.9	199.4	FZ	300.0%	BFZ	poorly recovered fault gouge (~25% recovery)
202.2	202.8	QZVN	400.0%	SHTV	semi-massive ~15TCA quartz veining
218.9	239.72	FZ	300.0%	BFZ	Brittle Fault Zone that crosses lithological boundaries: 218.0 - 223.15 graphitic phyllite 223.15 - ~225.00 phyllite with intensely pyrite mineralized vein seams 225.00 - 239.72 frequently interchanging intervals of gouged phyllite and blocky fragments of brecciated quartz veining with possibly minor congllmerate inclusions
248.5	250.6	FZ	200.0%	BFZ	Brittle fault zone with gouge
268	268.4	SZ	300.0%	TVA	Quartz vein within the phyllite with central vein with tension veins on either side
303.3	304.45	QZVN	200.0%	SHTV	
316.5	317.4	QZVN	200.0%	SHTV	1cm galena xl within qzvn

Mineralisation

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 270 **EOH:** 333

From:	To:	Comments	Mineral	Percent	Distribution
27.9	28	spec of pyrite possibly coated by gold mineralization in ~10cm thick, foliation concordant quartz vein in phyllite	py	0.01	vn
27.9	28	possible gold mineralization in ~10cm thick, foliation concordant quartz vein in phyllite -- likely gold coating pyrite	Au	0.01	vn
48	50.27	pyrite disseminate in frequently foliation concordant quartz veining	py	0.4	vn
59.7	61	massive pyrite bands (~1cm) and blebs associated with foliaton concordant quartz veining and axial planar quartz veining (60.65-61.00m)	py	3	fol
120.1	127.8	in brecciated QPC with ~35% quartz veining	py	2	diss
120.1	127.8	very fine grained in brecciated QPC with ~35% quartz veining	asp	0.2	diss
131	135.1	~0.5% pyrite disseminated and as stringers in wallrock of undulated, dusty white quartz veins with prominent, buff iron-carbonate patches and and angular (up to 4cm diameter) inclusions of phyllite; interval is partially softed and contains localized gouged fragments Interval is part of large scale fault zone from 120.1-143.00m.	py	0.5	vn
135.1	147.1	disseminated pyrite and occassional elongated blebs in quartz iron carbonate veins and vein seams in folded phyllite	py	0.3	vn
147.1	157.75	disseminated pyrite and pyrite blebs + partially penetrative stringers in quartz-iron-carbonate veining in phyllite	py	0.5	vn
159	164.75	trace pyrite in wallrock of sheeted 35-40TCA quartz veining	py	0.01	vn
164.75	167	in repeated ~30TCA vein orientation in conglomerate	asp	0.01	vn
164.75	173.8	in quartz veining in both conglomerate and phyllite turbidite sequences	py	0.2	vn
166.46	166.48	galena bleb together with arsenopyrite in ~30TCA vein in conglomerate turbidite sequence	gn	1	vn
173.8	185.3	associated with quartz-iron-carbonate veining	py	0.4	vn
179.7	179.72	~1cm thick, isoclinally, tightly folded pyrite stringer concordant to cink folding in phyllite	py	50	fol
185.3	204.52	frequently euhedral pyrite in quartz-iron-carbonate veining in turbidite sequence	py	0.2	vn
204.52	213.3	fine-grained disseminated pyrite in quartz-iron-carbonate veining in phyllite	py	0.4	vn
213.3	225	pyrite clusters and blebs in highly deformed (folded) and brecciated quartz veins in graphitic phyllite interval overlaps with britlle fault zone in lower half	py	1	vn
239.72	248.3	Quartz Vein Breccia with disseminate pyrite, clustered pyrite and partial pyrite stringers	py	1.5	vn
239.72	248.3	Quartz Vein Breccia with arsenopyrite as intergrowth with pyrite and galena as well as meandring thin grey seams	asp	0.8	vn
239.72	248.3	Quartz Vein Breccia with galena blebs and also as intergrowth with pyrite and arsenopyrite [more frequently as intergrowth with arsenopyrite]	gn	0.2	vn
245.38	245.4	bleb of blue-grey lead in quartz vein breccia unit	gn	1	vn
247.9	269.9		py	1	bed
247.9	269.9	fine-course grained throughout	py	3	diss
247.9	269.9	Diss asp throughout matrix	asp	0.5	diss
247.9	269.9	Diss galena blebs throughout matrix	gn	0.1	diss
247.9	269.9	py min in qzvns	py	0.5	vn
269.9	273.92	py min in qzvns	py	3	vn
269.9	273.92	Diss py throughout SS matrix	py	0.5	diss
269.9	273.92	fgr asp xls throughout qzvning in SS	asp	2	vn
273.92	281.25	fgr asp xls throughout qzvning in SS	asp	2	vn
273.92	281.25	Diss py throughout matrix	py	2	diss
273.92	281.25	py min in qzvns	py	0.5	vn
273.92	281.25	py in fault filled fractures	py	1	frac

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Plunge: 75 **Azimuth:** 270 **EOH:** 333

From:	To:	Comments	Mineral	Percent	Distribution
273.92	281.25	Py mineralisation along qzvn-wallrock boundaries	py	0.5	sel
281.25	288.7	Diss py throughout SS matrix	py	2	diss
288.7	289.7	Diss py throughout SS matrix	py	2	diss
288.7	289.7	py min in qzvns	py	3	vn
289.7	306.8	Diss py throughout SS matrix	py	2	diss
289.7	306.8	Diss asp throughout SS matrix	asp	1	diss
306.8	313.45	py min in qzvns	py	3	vn
306.8	313.45	Diss py throughout SS matrix	py	1	diss
306.8	313.45	py min following phyllite bedding planes	py	0.5	bed
313.45	319.25	Diss py throughout SS matrix	py	3	diss
313.45	319.25	Only one grain of galena observed 0.5cm diameter	gn	0.1	vn
320.5	328.85	Diss py throughout SS matrix	py	2	diss
328.85	333	Diss py throughout SS matrix	py	2	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
6	Bedding		So			50			compositional bedding cleavage in phyllite
9	Bedding		So			50			compositional bedding cleavage in phyllite
10.7	Bedding		So		Gouge	50			friable, softe core coated compositional bedding cleavage in phyllite
12	Bedding		So			45			compositional bedding cleavage in phyllite
15.5	Bedding		So			35			compositional bedding cleavage in phyllite
15.6	Axial Plane		Fx			60			multiple closed to tight 2-3cm apmplitude and ~5cm wavelength fold profiles
17	Cleavage		Sx			60			compositional bedding cleavage in phyllite or possibly S1 very black phyllite with ver little layering
17	Veins				FOL	60			thin foliation concordant seam along compositional bedding cleavage in phyllite
22	Bedding		So			50			compositional bedding cleavage in phyllite
24.23	Veins			chl	FOL	50			multiple foliation concordant, ~10cm thick quartz vein with ribboned phyllite inclusions and green chlorite wisps
25.3	Bedding		So			55			compositional bedding cleavage in phyllite
25.3	Veins			chl	FOL	55			multiple foliation concordant, ~10cm thick quartz vein with ribboned phyllite inclusions and green chlorite wisps
26.7	Veins				AXP	60			small scale cink folds in So with axial planar-parallel veins in form of thin, white quartz seams
26.7	Bedding		So			50			compositional bedding cleavage in phyllite
27.9	Veins			Au	FOL	58			possible gold mineralization in ~10cm thick, foliation concordant quartz vein in phyllite -- likely gold coating pyrite
30.6	Bedding		So			65			compositional bedding cleavage in phyllite
32.5	Bedding		So			55			compositional bedding cleavage in phyllite
33.2	Bedding		So			58			compositional bedding cleavage in phyllite
33.7	Bedding		So			40			compositional bedding cleavage in phyllite
36	Bedding		So			58			compositional bedding cleavage in phyllite

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 270 **EOH:** 333

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
40.3	Bedding		So			63			compositional bedding cleavage in phyllite
42	Bedding		So			55			compositional bedding cleavage in phyllite
43	Veins			chl	AXP	53			quartz chlorite vein (~1cm thick) that bisect tight fold profiles
43.1	Bedding		So			58			compositional bedding cleavage in phyllite
43.45	Bedding		So			50			compositional bedding cleavage in phyllite
43.5	Axial Plane		Fx			53			multiple tight, isoclinal fold profiles
45	Bedding		So			55	260		compositional bedding cleavage in phyllite
48.3	Veins			py		20			pyrite mineralized quartz-carbonate seam
48.5	Bedding		So			45	95		densly spaced quartz-iron-carbonate wedges and veins with undulated contacts concordant or subconcordant to compositional bedding cleavage in phyllite
49.2	Veins				FOL	45			quartz vein concordant to flex folded, compositional bedding cleavage
49.2	Bedding		So			45			compositional bedding cleavage in phyllite .
49.23	Veins			fecb	AXP	15			mutiple quartz-iron-carbonate seams parallel to axial plane of flex folding in compositional bedding cleavage in phyllite
50.27	Faults				FOL	40			friable, soft fragments along phyllte foliation
51.4	Bedding		So			35			compositional bedding cleavage in phyllite .
51.4	Veins			py	FOL	55			pyrite stringer concordant to phyllite compositional bedding cleavage
56.3	Bedding		So			55	90		
57	Bedding		So			50			compositional bedding cleavage in phylite
58.5	Veins				AXP	50			~8cm thick quartz vein parallel to axial planes of low amplitude cink folds in So
59	Veins					55	340		~10cm thick quartz vein
59.1	Axial Plane		Fx						
59.2	Axial Plane		Fx			40			axial planes in low amplitdude and low wavelength cink fold in So
59.2	Bedding		So			50			compositional bedding cleavage with cink folding; measured peak-to-peak
59.8	Veins			py	FOL	35			semi-penetrative pyrite wedges and quartz wedges concordant to graphitic phyllite foliation
60.5	Faults				Gouge	60			friable fragments and gouged phyllite along foliation
61	Veins			py	FOL	68			pyrite seams concordant to tightly (cink-)folded, compositional bedding foliation
61	Axial Plane		Fx			65			tight, isoclinal folding
61.2	Axial Plane		Fx			65			multiple fold profiles with parallel axial planes
61.2	Veins			chl	AXP	68			axial planar, parallel quartz-chlorite veins
61.4	Axial Plane		Fx			65			multiple fold profiles with parallel axial planes
65	Bedding		So			55			compositional bedding cleavage in phylite
66.4	Faults				Gouge	80			gouge wedge at high core angle against frialbe, foliated phyllite; acute intersetion angle with So: ~25degree
68.45	Bedding		So			40			compositional bedding cleavage in phylite
70	Bedding		So			40			compositional bedding cleavage in phylite
72.4	Bedding		So			45			compositional bedding cleavage in phylite
75	Veins				SHTV	10	180		pyrite mineralized quartz-iron-carbonate veinlets
75	Veins				STWK	35	100		quartz-iron-carbonate veinin (sometimes boudinaged along foliation)
75	Bedding		So			45	100		compositional bedding cleavage in phylite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
77.5	Bedding		So			60	75		compositional bedding cleavage in phylite
79.8	Faults					60			loose, frialbe fragments boudnte by competeont core; blocky along foliation
80.3	Bedding		So			60	65		compositional bedding cleavage in phylite
81	Bedding		So			55	65		compositional bedding cleavage in phylite
83	Bedding		So			55	75		compositional bedding cleavage in phylite
85.6	Faults				Gouge	55			poorly recovered, angular, ~0.5cm diameter fragments in in gouge matrix coating phyllite foliation --- may be the cause for rotation of So
86	Bedding		So			55			compositional bedding cleavage in phylite
87	Bedding		So			55	280		compositional bedding cleavage in phylite -- beta angle changed
89	Bedding		So			55			compositional bedding cleavage in phylite
92	Bedding		So			60	290		compositional bedding cleavage in phyllite
93.8	Bedding		So			55	270		compositional bedding cleavage in phyllite
95	Bedding		So			50			compositional bedding cleavage in phyllite
99	Bedding		So			60	280		compositional bedding cleavage in phyllite
102	Bedding		So			48	250		flex-folded, compositional bedding cleavage in phyllite
103.2	Veins				FOL	4			densely spaced, folation concordant quartz veinlets
103.5	Bedding		So			45			flex-folded, compositional bedding cleavage
104.3	Bedding		So			55	340		compositional bedding cleavage in phyllite
104.6	Bedding		So			55	345		compositional bedding cleavage in phyllite
105	Veins				SHTV	55	10		foliation concordant, qtz-fecb veining
106.1	Bedding		So			65			compositional bedding cleavage in phyllite
106.1	Veins				SHTV	35			thin, parallel quartz seams that intersect So at an acute angle of ~80degrees
111	Bedding		So			55	255		compositional bedding cleavage in phyllite
114	Bedding		So			55	295		compositional bedding cleavage in phyllite
115.1	Faults		So		Gouge	65			35cm gouge wedge concordant to phyllite foliation and retaining foliation within gouge
116.3	Bedding		So			75			compositional bedding cleavage in phyllite
116.4	Faults					50			2cm wedge of angular softed fragments within phyllite
117.1	Faults		So		Gouge	78			foliated fault gouge
119.3	Bedding		So			68			compositional bedding cleavage in phyllite
119.95	Bedding		So			65			compositional bedding cleavage in phyllite
126	Cleavage		Ssh			78			wispy aligned chlorite seams in fragment surrounding elongated quartz clasts
126.5	Cleavage		Ssh			80			wisp aligned, semi-penetrativ, grey chlorite seams at ~4mm spacing
129.3	Veins				AXP	17			several, ~1cm thick, quartz veins that run axial planar to tight cink folding in bedding cleavage
129.55	Bedding		So			15			compositional bedding cleavage in phyllite
130.55	Bedding		So		Gouge	28			foliation cleavage in gouged phyllite in fault zone
131.5	Bedding		So			35			compositional bedding cleavage in phyllite with brecciated quartz veining in phyllte
134	Bedding		So						compositional bedding cleavage in phyllite
134.5	Axial Plane					70			axial plane of ~2mm amplitude, multiple cink folding
135.5	Bedding		So			12			compositional bedding cleavage in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
135.5	Veins			fecb	SHTV	25			multiple pyrite mineralized quartz-carbonate seams that intersect So at an acute intersection angle of 15 degrees
135.5	Cleavage		S1			65			S1 fabric discernible between So planes in open fold profile
136.9	Faults				Gouge	40			20cm gouge wedge against a more competent core along 40TCA (along smooth, polished ,somewhat curved plane)
137	Faults				Veinlets	48			thin seams that offsets So by several millimeters intersect So at an acute intersection angle of 33 degrees
137	Bedding		So			15			compositional bedding cleavage in phyllite
140.3	Veins				AXP	60			multiple vein seams parallel to densely spaced cinkfolds with 1cm amplitudes and 5cm wavelength
140.3	Cleavage		S1			60			cinkfolds with 1cm amplitudes and 5cm wavelength
140.35	Bedding		So			0			
140.9	Veins			fecb	AXP	10	10		pyrite mineralized axial planar parallel quartz-iron-carbonate vein - small scale cink folding with 0.5cm amplitude and 1.5cm wavelenght
141.3	Veins				AXP	37			tighe parasitic folding on upper fold limb of larger scale of open fold profile
141.7	Cleavage		S1			74			S1 fabric clearly discernible
141.74	Axial Plane					74			open fold of large scale open fold profile with parasitic folding on limbs
141.8	Bedding		So			10			compositional bedding cleavage in open fold profile
144.3	Bedding		So			0			
144.3	Cleavage		S1			80	15		parasitic folds on larger scale open fold limbs with axial planes parallel to S1 of large scale open fold
144.63	Bedding		So			45	145		
144.63	Cleavage		S1			65	330		
144.8	Veins			py	TVA	5			boudinaged, non-penetrative tension seams with iron-carbonate alteration and pyrite blebs
145.93	Bedding		So			85	150		
146	Bedding		So			0			
146	Axial Plane					65	30		
146	Veins				AXP	65	30		
146.1	Cleavage		S1			65	30		
146.14	Bedding		So			80	150		
146.2	Veins			fecb		15	330		
147.1	Bedding		So			55	140		open folding
147.15	Bedding		So			0			open folding
147.2	Bedding		So			25	320		open folding
147.25	Cleavage		S1			65	310		open folding
147.28	Bedding		So			0			open folding
147.3	Bedding		So			0			open folding
148.5	Bedding		So			32	130		compositional bedding cleavage
149.5	Cleavage		S1			70	310		
149.5	Bedding		So			50	105		
151.36	Veins			fecb	AXP	65	280		pyrite mineralized iron-carbonate veins parallel to axial plane of cink fold
151.8	Faults				Gouge	10	120		gouge wedge enclosed along undulated low core angle fracture

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
152.3	Veins			chl	AXP	65			multiple pyrite mineralized iron-carbonate veins parallel to axial plane of cink fold
153.4	Veins			fecb	SHTV	50	60		repeated vein orientation: pyrite mineralized qtz-fecb veining
154.3	Bedding		So			50	135		
156.5	Veins			chl		85			massive ~20cm thick quartz-iron-carbonate-chlorite vein with prominent tension cracks perpendicular to vein contacts
156.63	Bedding		So			65			off-set by veining
156.63	Faults			fecb	Veinlets	45			iron-carbonate, pyrite mineralized seams that intersect foliation at an acute angle of ~70degree and off-set So
157.7	Bedding		So			75			off-set by veining
157.7	Faults			fecb	Veinlets	10			iron-carbonate seams that intersects So at an actue angle of ~64 degree and off-sets So by about 1cm
159.4	Cleavage		Sx			35	275		possible shearing - alignment of chlorite wisps
160.3	Cleavage		Sx			40	320		possible shearing - alignment of grey chlorite wisps at ~8mm spacing
160.3	Veins				SHTV	40	320		~0.5-1cm thick densely spaced, sometimes partially penetrative quartz veinlets
162.9	Veins				SHTV	35	320		~0.5-1cm thick densely spaced, sometimes partially penetrative quartz veinlets
164.2	Faults					62	85		~3cm gouge wedge bounding competent core
164.7	Veins				SHTV	40	330		~0.5-1cm thick densely spaced, sometimes partially penetrative quartz veinlets
165.6	Veins				SHTV	30			arsenopyrite bearing vein orientation
167	Faults				FOL	55			5cm gouge wedge along conglomerate-phyllite cotact concordant to phyllite foliation
168	Bedding		So			75			in phyllite
168	Veins				AXP	60			multiple <1cm thick veinlets in phyllite
168.3	Axial Plane					60			tight isoclinal cink folding
169.1	Cleavage		Sx	chl	Veinlets	60			aligned chlorite seams in quartz vein discordant to vein contacts
169.1	Veins			chl	Gouge	55			pyrite mineralized, 20cm thick vein with aligned chlorite seamss and thin gouge seams along contacts
169.7	Contact				FOL	78			contact between conglomerate (above) and phyllite (below)
169.78	Cleavage		So			78			in phyllite
169.79	Veins		V2	fecb	SHTV	20			in conglomerate
169.79	Veins		14	fecb	SHTV	14			in conglomerate
170	Faults					75			healed fault seam in conglomerate offsetting 2 vein generations by ~1cm
171	Veins				AXP	55			pyrite mineralized dusty white quartz seams parallel to cink-folding in phyllite
171.2	Contact		So		FOL	68			conglomerate (above) and phyllite (below)
171.2	Veins				SHTV	18			diffuse veins in conglomerate; cut-off by contacts with phyllite
171.76	Bedding		So			85			in phyllite
172.1	Veins			fecb	SHTV	25			dense parallel veinlets in conglomerate
172.6	Faults				Gouge	75			~5cm phylite-quartz fragment gouge wedge followed by softened fragments at conglomerate-phyllite interbed contact
172.85	Bedding		So			20			in phyllite (drastic foliation core angle change!)
173	Bedding		So			20	300		
173.6	Veins				SHTV	25	70		vein orientation in phyllite
175.24	Faults				Gouge	60			4cm gouge wedge along narrow phyllite bed in sandstone
176.2	Veins			fecb	FOL	60			So concordant fecb-qtz veinlets in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
176.2	Bedding		So			60			compositional bedding cleavage in phyllite
176.8	Contact				FOL	60			phyllite (above) - sandstone (below) contact concordant to So in phyllite
176.8	Veins			fecb		30			quartz vein in sandstone cut-off by phyllite contact
177.66	Bedding		So			65			in phyllite, cuts off vein in sandstone
177.66	Veins		V2	fecb		30			quartz vein in sandstone cut-off by phyllite contact
177.68	Veins		V1	fecb		70			vein seams cross-cut by V1
179.7	Axial Plane			py		45	280		isoclinally, tightly folded pyrite wedge
181.3	Veins			fecb	SHTV	40			repeated vein orientation in densely veined interval [see structure]
182.5	Veins			fecb	SHTV	88	270		repeated vein orientation in densely veined interval [see structure]
183.1	Veins			fecb	bx matrix	40	320		quartz and phyllite fragments as brecciated texture with foliation along upper contact with sandstone
183.1	Contact			fecb	FOL	40	320		quartz and phyllite fragments as brecciated texture with foliation along upper contact with sandstone
184.85	Veins			fecb	FOL	60			iron-carbonate seams in intensely veined sandstone concordant to phyllite gouge wedge contact below
185.05	Faults			py	Gouge	60			~6cm thick phyllite wedge in intensely veined sandstone with soft gouge texture and intense pyrite stringer mineralization subconcordant to contact
185.3	Contact					90			contact between extensive phyllite interbed (below) and cohesive high core angle brecciated (~20cm thick) quartz vein (above) Phyllite interbed with low core angle So from 185.3m-190.0m
186.3	Bedding		So			10			compositional bedding cleavage in phyllite
187	Bedding		So			20			compositional bedding cleavage in phyllite
189.1	Veins			fecb		40			quartz carbonate seams that crosscute So
190	Bedding		So			14			compositional bedding cleavage in phyllite
190	Contact				FOL	40			polished black contact between phyllite (above) and sandstone (below)
190.01	Veins			fecb	SHTV	65			iron-carbonate seams in sandstone
190.5	Veins					0			folded ~1cm thick, white quartz vein that undulate parallel to core axis in sandstone (closed folding with ~15cm wavelength and 1.5cm amplitude
192.23	Contact				FOL	23			sandstone (above) - phyllite (below) contact concordant to phyllite foliation
192.3	Veins			fecb	FOL	23			pyrite mineralized qtz-fecb veinlets concordant to So in phyllite
193.8	Bedding		So			23			compositional bedding cleavage in phyllite
194.6	Axial Plane					20			closed cink fold in phyllite
194.7	Bedding		So			85			compositional bedding cleavage in phyllite adjacent to cink fold
196	Veins		V2			5			repeated vein orientation in sandstone
196	Veins		V1		SHTV	60			repeated vein orientation in sandstone
196.2	Contact					65			sharp contact between sandstone (above) and ~20cm partially gouged phyllite wedge (below) that runs concordant to veining in sandstone
197.7	Veins				SHTV	25			densely spaced, parallel quartz veinin in sandstone sequence
198.7	Veins					80			~30cme thick, vuggy, pyrite mineralized quartz vein
198.9	Faults					85			~50cm gouge fault structure [with about ~25% recovery - surrounded by competent core]
199.42	Bedding		So			65			compositional bedding cleavage in phyllite
199.42	Veins			fecb	Veinlets	40			pyrite mineralize, fecb-qtz veinlet discordant to foliation; intersects So at an acute angle of 75 degrees
200	Bedding		So			55	265		compositional bedding cleavage in phyllite

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
200.5	Veins			fecb	Veinlets	35	65		euhedral pyrite in thin pararallel veinlets in sandsteone
204	Veins			fecb	Veinlets	30	325		multiple, pyrite mineralized (euhedral) qtz-fecb veinlets/seams
204.57	Bedding		So		FOL	50	90		sandstone (above) - phyllite (below) - contact concordant to phyllite foliation
204.6	Bedding		So			50	90		compositional bedding cleavage in phyllite
205.5	Bedding		So			55	65		compositional bedding cleavage in phyllite
206.6	Veins			fecb	AXP	78	325		veinlets parallel to multiple small scale, closed fold profiles
206.72	Axial Plane					73	325		in phyllite
207	Bedding		So			15	80		compositional bedding cleavage
207	Cleavage		S1			90			S1 fabric
207.4	Veins			fecb	AXP	30	290		multiple parallel, densely spaced, partially penetrative iron-carbonate seams that run axial planar parallel to closed parasitic microfold profiles
207.8	Veins			fecb	AXP	40	300		axial planar parallel to closed, parasitic fold profiles
207.95	Bedding		So			75	5		compostional bedding cleavage
207.95	Cleavage		S1			15	0		parasitic folds in So
208.3	Faults				Gouge				poorly recovered friable section [possible fault]
209	Bedding		So			55			compositional bedding cleavage in phyllite
211	Veins			fecb	SHTV	30	20		repeated parallel iron-carbonate seams
211	Bedding		So			85	330		compositional bedding cleavage in phyllite
212.8	Contact				FOL	55	320		phyllite-silt (above) - sandstone-silt below contact concordant to phyllite-silt So foliation
213.3	Contact					30	190		sandstone-silt (above) - graphitic silt below
213.5	Veins			fecb	bx matrix	40	90		pyrite mineralized, vuggy ~25cm thick quartz vein with angular phyllite clast inclusions
215.8	Axial Plane				Veinlets	55	70		axial plane of So parallel, folded veinlets
216.6	Veins				Gouge	38	325		graphite gouge seams along fecb-qtz-py veinlet
217.5	Bedding		So			40			compositional bedding cleavage in graphitic phyllite
218.3	Veins			py	Veinlets	15			multiple pyrite mineralized quartz seams
219.1	Contact					65			upper contact of black, fine-grained sandstone bed
224.7	Bedding		So			65			compositional bedding cleavage in phyllite
237.1	Bedding		So			36			compositional bedding cleavage in phyllite gouge
239.72	Contact					38			contact between gouged phyllite (above) and quartz vein breccia (below)
240.2	Veins				bx matrix	30			vein orientation in quartz vein breccia
242	Cleavage		Sx		bx matrix	55			repeated orientation of dark grey chlorite seams in Quartz Vein Breccia
243.1	Cleavage		Sx		bx matrix	55			repeated orientation of dark grey chlorite seams in Quartz Vein Breccia
246.8	Faults				Gouge	15			poory recovered dark grey fault gouge along low core angle plane in Quartz Vein Breccia
248.3	Contact				Gouge	70			lower contact of Quartz Vein Breccia with Phylite gouge
273	Veins				SHTV	18	30		2cm thick qrtz vein following fol
273.18	Veins				SHTV	20			repeated vein orientation in fault zone
278.2	Bedding		So	wcl		70	224		
278.7	Cleavage		Sx		FOL	67	270		
291	Veins				SHTV	45	188		
293.1	Veins				SHTV	45	168		

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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	75	270	333				

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
300.3	Veins				SHTV	27	190		
308.5	Bedding		So			40	300		
323.5	Veins				SHTV	55	204		
331	Bedding		So		bed	55	310		

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28761	6	9	2011	Expl Geochem	H-split	MT-Phy
28762	9	12	2011	Expl Geochem	H-split	MT-Phy
28763	12	14	2011	Expl Geochem	H-split	MT-Phy
28764	14	16	2011	Expl Geochem	H-split	MT-Phy
28765	16	18	2011	Expl Geochem	H-split	MT-Phy
28766	18	20	2011	Expl Geochem	H-split	MT-Phy
28767	20	22	2011	Expl Geochem	H-split	MT-Phy
28768	22	24	2011	Expl Geochem	H-split	MT-Phy
28769	24	26	2011	Expl Geochem	H-split	MT-Phy
28770	26	28	2011	Expl Geochem	H-split	MT-Phy
28771	28	30	2011	Expl Geochem	H-split	MT-Phy
28772	30	32	2011	Expl Geochem	H-split	MT-Phy
28773	32	34	2011	Expl Geochem	H-split	MT-Phy
28774	34	36	2011	Expl Geochem	H-split	MT-Phy
28775	34	36	2011	DUP	Q-Split	MT-Phy
28776	34	36	2011	Blank	LWS_2011	MT-Phy
28777	36	38	2011	Expl Geochem	H-split	MT-Phy
28778	38	40	2011	Expl Geochem	H-split	MT-Phy
28779	40	42	2011	Expl Geochem	H-split	MT-Phy
28780	42	44	2011	Expl Geochem	H-split	MT-Phy
28781	44	46	2011	Expl Geochem	H-split	MT-Phy
28782	46	48	2011	Expl Geochem	H-split	MT-Phy
28783	48	50.27	2011	Expl Geochem	H-split	MT-Phy
28784	50.27	52	2011	Expl Geochem	H-split	MT-Phy
28785	52	53.67	2011	Expl Geochem	H-split	MT-Phy
28786	53.67	56	2011	Expl Geochem	H-split	MT-Phy.gf
28787	56	58	2011	Expl Geochem	H-split	MT-Phy.gf
28788	58	60.65	2011	Expl Geochem	H-split	MT-Phy.gf
28789	60.65	63	2011	Expl Geochem	H-split	MT-Phy
28790	63	66	2011	Expl Geochem	H-split	MT-Phy
28791	66	68.35	2011	Expl Geochem	H-split	MT-Phy
28792	68.35	70	2011	Expl Geochem	H-split	MT-Phy

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28793	70	72	2011	Expl Geochem	H-split	MT-Phy
28794	72	74	2011	Expl Geochem	H-split	MT-Phy
28795	74	76	2011	Expl Geochem	H-split	MT-Phy
28796	76	78	2011	Expl Geochem	H-split	MT-Phy
28797	78	80	2011	Expl Geochem	H-split	MT-Phy
28798	80	82	2011	Expl Geochem	H-split	MT-Phy
28799	82	84	2011	Expl Geochem	H-split	MT-Phy
28800	84	86	2011	Expl Geochem	H-split	MT-Phy
28801	86	88	2011	Expl Geochem	H-split	MT-Phy
28802	88	90	2011	Expl Geochem	H-split	MT-Phy
28803	90	92	2011	Expl Geochem	H-split	MT-Phy
28804	92	94	2011	Expl Geochem	H-split	MT-Phy
28805	94	96	2011	Expl Geochem	H-split	MT-Phy
28806	96	98	2011	Expl Geochem	H-split	MT-Phy
28807	98	100	2011	Expl Geochem	H-split	MT-Phy
28808	100	101.15	2011	Expl Geochem	H-split	MT-Phy
28809	101.15	103.3	2011	Expl Geochem	H-split	MT-Phy
28810	103.3	105.8	2011	Expl Geochem	H-split	QZVN
28811	103.3	105.8	2011	STND	CDN-GS-8B	MT-Phy
28812	103.3	105.8	2011	DUP	Q-Split	MT-Phy
28813	105.8	108	2011	Expl Geochem	H-split	MT-Phy
28814	108	110	2011	Expl Geochem	H-split	MT-Phy
28815	110	112	2011	Expl Geochem	H-split	MT-Phy
28816	112	114	2011	Expl Geochem	H-split	MT-Phy
28817	114	116	2011	Expl Geochem	H-split	MT-Phy
28818	116	117.1	2011	Expl Geochem	H-split	MT-Phy
28819	117.1	118	2011	Expl Geochem	H-split	MT-Phy
28820	118	120.1	2011	Expl Geochem	H-split	MT-Phy
28821	120.1	123	2011	Expl Geochem	H-split	MT-CO.bx
28822	123	126	2011	Expl Geochem	H-split	MT-CO.bx
28823	126	127.8	2011	Expl Geochem	H-split	MT-CO.bx
28824	127.8	129.55	2011	Expl Geochem	H-split	MT-Phy
28825	129.55	131	2011	Expl Geochem	H-split	MT-Phy
28826	131	133	2011	Expl Geochem	H-split	MT-Phy
28827	133	135.1	2011	Expl Geochem	H-split	MT-Phy
28828	135.1	137	2011	Expl Geochem	H-split	MT-Phy
28829	137	139	2011	Expl Geochem	H-split	MT-Phy
28830	139	140	2011	Expl Geochem	H-split	MT-Phy
28831	140	142	2011	Expl Geochem	H-split	MT-Phy

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28832	142	144	2011	Expl Geochem	H-split	MT-Phy
28833	144	146	2011	Expl Geochem	H-split	MT-Phy
28834	146	148	2011	Expl Geochem	H-split	MT-Phy
28835	148	150	2011	Expl Geochem	H-split	MT-Phy
28836	150	152	2011	Expl Geochem	H-split	MT-Phy
28837	152	154	2011	Expl Geochem	H-split	MT-Phy
28838	154	156	2011	Expl Geochem	H-split	MT-Phy
28839	156	157.75	2011	Expl Geochem	H-split	MT-Phy
28840	157.75	160	2011	Expl Geochem	H-split	MT-Phy
28841	160	162	2011	Expl Geochem	H-split	MT-CO
28842	162	164	2011	Expl Geochem	H-split	MT-CO
28843	164	166	2011	Expl Geochem	H-split	MT-CO
28844	166	167	2011	Expl Geochem	H-split	MT-CO
28845	167	168.7	2011	Expl Geochem	H-split	MT-Phy
28846	168.7	171.66	2011	Expl Geochem	H-split	MT-CO
28847	168.7	171.66	2011	DUP	Q-Split	MT-CO
28848	168.7	171.66	2011	Blank	LWS_2011	MT-CO
28849	171.66	173.4	2011	Expl Geochem	H-split	MT-Phy
28850	173.4	175.24	2011	Expl Geochem	H-split	MT-Phy
28851	175.24	177	2011	Expl Geochem	H-split	MT-SS.mgr
28852	177	178.6	2011	Expl Geochem	H-split	MT-SS.mgr
28853	178.6	180.6	2011	Expl Geochem	H-split	MT-SS.mgr
28854	180.6	182.6	2011	Expl Geochem	H-split	MT-SS.mgr
28855	182.6	184	2011	Expl Geochem	H-split	MT-SS.mgr
28856	184	185.3	2011	Expl Geochem	H-split	MT-SS.mgr
28857	185.3	187	2011	Expl Geochem	H-split	MT-Phy
28858	187	188.5	2011	Expl Geochem	H-split	MT-Phy
28859	188.5	190	2011	Expl Geochem	H-split	MT-Phy
28860	190	192.23	2011	Expl Geochem	H-split	MT-SS.mgr
28861	192.23	194	2011	Expl Geochem	H-split	MT-Phy
28862	194	196	2011	Expl Geochem	H-split	MT-Phy
28863	196	198	2011	Expl Geochem	H-split	MT-SS.mgr
28864	198	200.2	2011	Expl Geochem	H-split	MT-Phy
28865	200.2	202.2	2011	Expl Geochem	H-split	MT-SS.mgr
28866	202.2	202.8	2011	Expl Geochem	H-split	QZVN
28867	202.8	204.52	2011	Expl Geochem	H-split	MT-SS.mgr
28868	204.52	206	2011	Expl Geochem	H-split	MT-Phy
28869	206	208	2011	Expl Geochem	H-split	MT-Phy
28870	208	210	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 270 **EOH:** 333

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28871	210	212	2011	Expl Geochem	H-split	MT-Phy
28872	212	213.3	2011	Expl Geochem	H-split	MT-Phy
28873	213.3	215.3	2011	Expl Geochem	H-split	MT-Phy.gf
28874	215.3	217	2011	Expl Geochem	H-split	MT-Phy.gf
28875	217	218.9	2011	Expl Geochem	H-split	MT-Phy.gf
28876	218.9	221	2011	Expl Geochem	H-split	MT-Phy.gf
28877	221	223.15	2011	Expl Geochem	H-split	MT-Phy.gf
28878	223.15	225.5	2011	Expl Geochem	H-split	MT-Phy
28879	225.5	228	2011	Expl Geochem	H-split	MT-Phy
28880	228	230.6	2011	Expl Geochem	H-split	QZVN.bx
28881	230.6	233.5	2011	Expl Geochem	H-split	MT-Phy
28882	233.5	235.5	2011	Expl Geochem	H-split	MT-Phy
28883	233.5	235.5	2011	STND	CDN-GS-8B	MT-Phy
28884	233.5	235.5	2011	DUP	Q-Split	MT-Phy
28885	235.5	237	2011	Expl Geochem	H-split	MT-Phy
28886	237	239.72	2011	Expl Geochem	H-split	MT-Phy
28887	239.72	241.6	2011	Expl Geochem	H-split	QZVN.bx
28888	241.6	244.6	2011	Expl Geochem	H-split	QZVN.bx
28889	244.6	246	2011	Expl Geochem	H-split	QZVN.bx
28890	246	248.3	2011	Expl Geochem	H-split	QZVN.bx
28891	248.3	250.6	2011	Expl Geochem	H-split	MT-Phy
28892	250.6	252.75	2011	Expl Geochem	H-split	MT-Phy
28893	252.75	254.65	2011	Expl Geochem	H-split	MT-Phy
28894	254.65	256.5	2011	Expl Geochem	H-split	MT-Phy
28895	256.5	258.5	2011	Expl Geochem	H-split	MT-Phy
28896	258.5	260.5	2011	Expl Geochem	H-split	MT-Phy
28897	260.5	262.55	2011	Expl Geochem	H-split	MT-Phy
28898	262.55	264.65	2011	Expl Geochem	H-split	MT-SS.mgr
28899	264.65	266.75	2011	Expl Geochem	H-split	MT-SS.mgr
28900	266.75	268.6	2011	Expl Geochem	H-split	MT-SS.mgr
28901	268.6	269.75	2011	Expl Geochem	H-split	cave
28902	269.75	270.8	2011	Expl Geochem	H-split	QZVN
28903	270.8	271.9	2011	Expl Geochem	H-split	QZVN
28904	271.9	273.9	2011	Expl Geochem	H-split	MT-SS.mgr
28905	273.9	275.8	2011	Expl Geochem	H-split	MT-Phy
28906	275.8	277.7	2011	Expl Geochem	H-split	QZVN
28907	277.7	279	2011	Expl Geochem	H-split	MT-Phy
28908	279	280.25	2011	Expl Geochem	H-split	MT-Phy
28909	280.25	282	2011	Expl Geochem	H-split	MT-SS.mgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-019 **Grant No.:** YC72728

Plunge: 75 **Azimuth:** 270 **EOH:** 333

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28910	282	284	2011	Expl Geochem	H-split	
28911	284	285.85	2011	Expl Geochem	H-split	MT-SS.mgr
28912	285.85	288	2011	Expl Geochem	H-split	MT-SS.mgr
28913	288	290	2011	Expl Geochem	H-split	MT-SS.mgr
28914	290	292	2011	Expl Geochem	H-split	MT-SS.mgr
28915	292	294	2011	Expl Geochem	H-split	MT-SS.mgr
28916	294	296	2011	Expl Geochem	H-split	MT-SS.mgr
28917	296	298	2011	Expl Geochem	H-split	MT-SS.mgr
28918	298	300	2011	Expl Geochem	H-split	MT-SS.mgr
28919	300	302	2011	Expl Geochem	H-split	MT-SS.mgr
28920	302	303	2011	Expl Geochem	H-Split	MT-SS.mgr
28921	302	303	2011	DUP	Q-Split	MT-SS.mgr
28922	302	303	2011	Blank	LWS_2011	
28923	303	305	2011	Expl Geochem	H-split	QZVN
28924	305	306.5	2011	Expl Geochem	H-split	
28925	306.5	308.6	2011	Expl Geochem	H-split	MT-Phy
28926	308.6	310.7	2011	Expl Geochem	H-split	MT-Phy
28927	310.7	312	2011	Expl Geochem	H-split	MT-Phy
28928	312	314	2011	Expl Geochem	H-split	QZVN
28929	314	316	2011	Expl Geochem	H-split	MT-SS.mgr
28930	316	317.5	2011	Expl Geochem	H-split	QZVN
28931	317.5	319	2011	Expl Geochem	H-split	QZVN
28932	319	321	2011	Expl Geochem	H-split	MT-SS.mgr
28933	321	323	2011	Expl Geochem	H-split	MT-SS.mgr
28934	323	325	2011	Expl Geochem	H-split	MT-SS.mgr
28935	325	327	2011	Expl Geochem	H-split	MT-SS.mgr
28936	327	328.85	2011	Expl Geochem	H-split	MT-Phy
28937	328.85	331	2011	Expl Geochem	H-split	MT-Phy
28938	331	333	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020 **Grant No.:** YD07124

Location				Orientation			
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 60		**Start Date:** 17/08/2011	
533736.2	6843843.3			**Azimuth:** 263		**Finish Date:** 19/08/2011	
Elevation:	1565 m	**Grid Name:** NA		**EOH:** 51.0	m	**Status:** Incomplete	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ		**Contractor:** Driftwood	
NAD83	9						

Objective:
Follow-up to 3A-11-10 & 3A-11-10A and is targeted on the discovery vein in the Main Zone. Stepped 10 meters North of the section line to compensate for deviation.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	59.8	262.44	5823	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6		CASING		100.0%				co	1
6	7	medium grained, grey SS with qrtz veins throughout 0.5-2cm thick	MT-SS	mgr	100.0%	gy			fr	2
7	27.1	Grey fgr qtz rich SS interbedded with phyllite	MT-SS	fgr	10.0%	gy			fr	3
7	27.1	black foliated phyllite w/ layers of fg ss at the end of the zone	MT-Phy	n	90.0%	n			br	3
27.1	36.3	moderately sheared qpc, qrtz clasts <2cm, qrtz veins typically follow foliation	MT-CO	pbl	100.0%	bf	qtz	80	fr	2
36.3	36.5	milky qrtz, few mica, Fe staining, manganese oxide	QZVN		100.0%	w			fr	2
36.5	45.5	Buff mgr qtz rich SS interbedded with pbl QPC	MT-SS	mgr	20.0%	bf			fr	2
36.5	45.5	qpc mod sheared, zones where MT-Ar more prominent, qrtz veins 0.5-3cm follow fol	MT-CO	pbl	80.0%	bf	qtz	80	fr	2
45.5	50.8	black foliated phyl, hematite along fractures	MT-Phy	n	100.0%	n			br	3
50.8	51	highly qrtz veined, Fe alteration to hematite	MT-SS	mgr	100.0%	bf			fr	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	60	263	51				

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	30.7	Limonite alteration replacing fspar clast in SS and QPC	LIM	2	smgr	b
6	30.7	lim altn along fractures and broken surfaces	LIM	2	frac	b
32.5	33	strong pervasive silicification of QPC, grey blurring of grain boundaries	sil	4	perv	gy
33	45.5	lim altn along fractures and broken surfaces	LIM	2	frac	b
33	45.5	Limonite alteration replacing fspar clast in SS and QPC	LIM	2	smgr	b
50.85	51	Limonite alteration replacing fspar clast in SS and QPC	LIM	2	smgr	b
50.85	51	lim altn along fractures and broken surfaces	LIM	2	frac	b

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
32.5	33.3	FZ	300.0%	BFZ	broken QPC and qzvning
45.5	50.8	FZ	300.0%	BFZ	Broken and blocky phyllite

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
6	39.3	fgr asp min throughout SS/QPC	asp	0.5	diss
6	39.3	fgr py min throughout SS/QPC	py	0.5	diss
39.3	45.5	galena blebs throughout qzvns associated with blebs of asp xls	gn	0.1	vn
39.3	45.5	diss asp throughout matrix, stronger mineralisation in wallrock vn contact	asp	0.5	diss
39.3	45.5	fgr asp xls in qzvns	asp	1	vn
39.3	45.5	diss py throughout matrix, stronger mineralisation in wallrock vn contact	py	0.5	diss
39.3	45.5	mgr sub-euh py xls in qzvns	py	2	vn

Point Structure

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	60	263	51				

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
15	Faults			wcy	Gouge				phyllite gouge zone
29.85	Veins			LIM	TVA	75	280		thin qtz veins
30.35	Veins			LIM	Veinlets	30	316		thin qtz veins
41	Veins			LIM	Veinlets	65	96		thin qtz veins
41.2	Cleavage		Sx		FOL	55	198		Semi penetrative seams through SS
44.9	Veins			LIM	Veinlets				thin qtz veins

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28939	6	7	2011	Expl Geochem	H-split	MT-SS.mgr
28940	7	9	2011	Expl Geochem	H-split	MT-Phy.n
28941	9	11	2011	Expl Geochem	H-split	MT-Phy.n
28942	11	13	2011	Expl Geochem	H-split	MT-Phy.n
28943	13	15	2011	Expl Geochem	H-split	MT-Phy.n
28944	15	17	2011	Expl Geochem	H-split	MT-Phy.n
28945	17	19	2011	Expl Geochem	H-split	MT-Phy.n
28946	19	21	2011	Expl Geochem	H-split	MT-Phy.n
28947	21	23	2011	Expl Geochem	H-split	MT-Phy.n
28948	23	25	2011	Expl Geochem	H-split	MT-Phy.n
28949	25	27	2011	Expl Geochem	H-split	MT-Phy.n
28950	27	29	2011	Expl Geochem	H-split	
28951	29	31	2011	Expl Geochem	H-split	MT-CO.pbl
28952	31	33	2011	Expl Geochem	H-split	MT-CO.pbl
28953	33	35	2011	Expl Geochem	H-split	MT-CO.pbl
28954	35	36	2011	Expl Geochem	H-split	MT-CO.pbl
28955	36	37	2011	Expl Geochem	H-split	QZVN
28956	37	39	2011	Expl Geochem	H-split	MT-CO.pbl
28957	39	41	2011	Expl Geochem	H-split	MT-CO.pbl
28958	41	43	2011	Expl Geochem	H-split	MT-CO.pbl
28959	41	43	2011	DUP	Q-Split	MT-CO.pbl
28960	41	43	2011	STND	CDN-GS-8B	
28961	43	45	2011	Expl Geochem	H-split	MT-CO.pbl
28962	45	45.7	2011	Expl Geochem	H-split	MT-CO.pbl
28963	45.7	48	2011	Expl Geochem	H-split	MT-Phy.n
28964	48	50	2011	Expl Geochem	H-split	MT-Phy.n
28965	50	51	2011	Expl Geochem	H-split	MT-SS.mgr

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	263	51					

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020A **Grant No.:** YD07124

Location				Orientation		
Easting:	**Northing:**	**Latitude:**	**Longitude:**	**Plunge:** 60	**Start Date:** 19/08/2011	
533736.2	6843843.3			**Azimuth:** 270	**Finish Date:** 23/08/2011	
Elevation:	1565 m	**Grid Name:** NA		**EOH:** 153.0 m	**Status:** Incomplete	
Datum:	**UTM Zone:**	**Grid N:**	**Grid E:**	**Core Size:** HQ	**Contractor:** Driftwood	
NAD83	9					

Objective:
Follow-up to 3A-11-10 & 3A-11-10A and is targeted on the discovery vein in the Main Zone. Stepped 10 meters North of the section line to compensate for deviation.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
18	59.6	267.94	5850	Reflex	1
66	60.4	264.64	5832	Reflex	1
120	60.9	262.64	5830	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6		CASING		100.0%				co	1
6	6.6	Vuggy, minor bxwrk.	QZVN	frac	25.0%	w			co	2
6	6.6	Massive w/ 15% wh-buff cy alt 1mm fspar grns, 20% tansluscent gy qz grns (1mm), rest of matrix fgr gy crystalline material. X-cut by rsty hairline fracs & 0.2-1cm wh-pnk QV (w/ ank?). More vning @ cntact w/ phyl below. Mod lim alt & chl alt in QV near contact. QV are vuggy w/ minor bxwrk. Diss anhed-euhed py.	MT-SS	mgr	75.0%	gy			br	2
6.6	30	0.2-2cm QV w/ mod lim alt along fracs & vugs + wk chl alt. One 23cm heavily fractured QV @ 17.4.	QZVN	frac	1.0%	w			br	2
6.6	30	1mm-1cm gy beds	MT-SLT	fgr	20.0%	gy			br	2
6.6	30	interbedded w/ 1mm-1cm gy slst beds. Pervasive fol throughout. Wk fecb alt along fracs & flt planes (r-o coating).	MT-Phy	fol	79.0%	n			lc	2
30	47.7	Abndt x-cutting tension QV. Vuggy w/ wk lim alt in bleached sxn. Vns generally 0.3-1cm , but one lrger vn ~25cm thick.	QZVN	frac	5.0%	w			br	2
30	47.7	Short interval of cgr sndst @ top, grading into QPC.	MT-SS	cgr	10.0%	gy			co	2
30	47.7	Sndst grading into QPC w/ 0.3-0.5cm qz (20%) + fspar pebbles (20%). Some fspar pebbles cy alt + weathering recessively. Locally QPC bleached wh where cy alt. Wk spaced fol w/ minor elongation of pebbles. Abndt rsty hairline fracs x-cutting. Few thin gouged/broken BFZs. Vned/broken lower contact w/ abndt pebbles (50%).	MT-CO	pbl	85.0%	gy	qtz	20	co	2
47.7	50.85	QV rare. Those present have str chl (g cly) alt + intensely fractured/folded. 0.2-1cm thick.	QZVN	frac	1.0%	w			br	2
47.7	50.85	Irregualr beds of QPC interbedded w/ phyl. 10% fspar pebbles chl alt (grn cly).	MT-CO	pbl	10.0%	gy-g	qtz	30	co	1
47.7	50.85	Phyl interbedded w/ 1-2mm gy slst layers.	MT-SLT		10.0%	gy			co	1
47.7	50.85	Phyl w/ penetrative fol interbedded w/ sltst. Irregualr QPC beds (soft sed def). Wk fecb alt (or) along fracs. Gouged lower contact w/ cgr sndst.	MT-Phy	fol	79.0%	n			fr	1
50.85	78.65	One dominant set of 1cm wh, vuggy QV w/ wk lim alt along fracs.	QZVN	frac	1.0%	w			br	3
50.85	78.65	Top of interval cgr sndst grading into QPC.	MT-SS	cgr	10.0%	g-gy			co	3
50.85	78.65	QPC w/ 40-50% 0.2-1cm wh>gy qz + wh cy alt fspar pebbles (10%). Mod lim alt along fracs + fracs + fspar pbl. Top of interval is cgr sndst grading into QPC w/ 0.2-0.5cm pbl, then cgr 0.5-1cm pbl (way-up is up the hole?). Abndt BFZs in interval as broken and gouged sxns.	MT-CO	pbl	89.0%	g	qz	30	lc	3

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	153					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
78.65	81.55	Dom set of 1cm QV spaced 10 cm apart w/ lim fracs. Set of 0.3cm wh QV @ 7cm spacing. Also thicker pnkish-wh QV, vuggy w/ lim fracs.	QZVN	frac	20.0%	w			co	2
78.65	81.55	Sndst w/ mod lim alt making some sxns or colour. 20% wh to or cly alt fspar, 30% gy qz grns, rest fgr gy material. Core very hard (cannot scratch w/ knife)-S1. Abndt x-cutting hairline fracs lim alt. Fairly massive (cannot see fol).	MT-SS	cgr	80.0%	gy-o			co	2
81.55	91.15	X-cutting 0.3-0.5cm wh QV + thicker 2cm QV running up core axis w/ lim alt fracs (L1). Also cb along fracs in QV.	QZVN	frac	5.0%	w			co	2
81.55	91.15	QPC at top of interval is clast supporte w/ lrg pbl (1-2cm). Fecb alt matrix (r-o colour). Fspar clasts (10%) cy alt + recessive. 50% qz pbl and 5% blk phyl pbl. Finer grn QPC (0.3-0.5cm pbl) following 1m gouge zone then grades into cgr QPC (0.5cm pbl) matrix supported. Spaced fol. Fgr diss aspy + py.	MT-CO	pbl	95.0%	gy	qz	50	lc	2
91.15	95.45	2-3cm QV w/ chl alt along fracs. Also 0.2-0.3 cm QV. Minor cb in fracs of thicker QV.	QZVN	frac	5.0%	w			br	2
91.15	95.45	1mm by slst layers interbedded w/ phyl.	MT-SLT	fgr	5.0%	g			lc	2
91.15	95.45	Sharp upper contact w/ QPC. Gradation lower contact w/ cgr sndst below. Phyl interbedded w/ 1mm slst layers. Penetrative fol, wk fecb alt along fracs. Folded py stringers ll to bedding. Block error - couldn't find block 93m, shifted blocks, then found block 93 ~1m above orginal block 96m so shifted blocks back down.	MT-Phy	fol	90.0%	n			fr	2
95.45	102.2	Few different sets of QV. 1-2cm set of QV perpendicular TCA, several 0.2-0.5cm x-cutting vns + thicker vns.	QZVN	frac	40.0%	w			co	2
95.45	102.2	Fgr gy sndst grading into cgr sndst w/ 5% crser cy alt fspar grns (0.2-0.3cm). 20% fspar grns, 20% qz grns. Qz-cb fracs @ top of interval. VG after 99m to 100m occurring w/ Gn + py. Diss cgr euhed to fgr anhed aspy + py throughout Faulted lower contact w/ phyl.	MT-SS	cgr	60.0%	g			co	2
102.2	113.85	Think tension QV + some thicker vns w/ fecb altd fracs. 0.2-0.5cm angular QV in gouge zones.	QZVN	frac	5.0%	w			br	4
102.2	113.85	Intensely gouged interval of phyl. Graphitic w/ penetrative fol. Bedding ll py stringers + diss py throughout.	MT-Phy	fol	95.0%	n			lc	4
113.85	115.25	Set of sheeted QV 1-2cm wide spaced 1-10cm apart. QV wh w/ antiaxial fracs w/in.	QZVN	frac	30.0%	w			br	3
113.85	115.25	Gy-wh QPC w/ 0.3-1cm qz (30%) and wh cy alt fspar (20%) pbls. Bx qz (flooding QPC?) @ top of interval - still see ghosts of fspar clasts. Clast supported w/ thin drk gy stringers b/w clasts (mix of chl + aspy?). Core looks bleached from intense cy alt. Diss euhed aspy +py.	MT-CO	pbl	70.0%	w-gy	qtz	30	co	3
115.25	133.25	1-3mm slst interbeds.	MT-SLT	fgr	5.0%	g			br	4
115.25	133.25	QV ar broken and folded, <1cm thick. QV clasts (0.2-1cm) in gouge zones. Some QV filled w/ py (py stringers).	QZVN	frac	10.0%	w			br	4
115.25	133.25	Intensely gouged blk graphitic phyl interbedded w/ 1-3mm slst layers. Locally appears sheared where not overprinted by brittle gouge zones. Bedding is folded. Some less strained sxns from 123m to 133.25m. Wk fecb alt along fracs.	MT-Phy	gouge	85.0%	n			fr	4
133.25	153	Couple sets of sheeted QV 0.3cm spaced 10cm, 2cm spaced 40cm. 3 different sets of tension vein QV as well. 1 thin set 1cm across w/ <1cm thick vns, couple parallel sets. Also 3cm across set x 1cm thick vns. Set of lrger TV several cm across set by 0.5-1cm wide vns.	QZVN		5.0%	w			co	1
133.25	153	Cgr sndst interbeds w/in QPC. Gy, S2.	MT-SS	cgr	40.0%	g			br	1
133.25	153	Zone of interbedded cgr sndst + QPC. Both gry + v hard (S2). QPC clasts 0.3-0.5cm cy alt fspar (10%) + wh-gy qz (30%) pbls. Matrix supported. Locally spaced fol + wk lim alt along fracs throughout. Euhed diss py locally in sndst. Couple of gouge/broken zones after 150m.	MT-CO	pbl	55.0%	g	qz	30	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020A	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	60	270	153				

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	31.1		fecb	2	fol	r-o
6	19	qv in phyk show chl altn	chl	1	vn	g
6	31.1		fecb	2	frac	r-o
31.1	33.65	intense clay alteration of qpc matrix core bleached	cy	3.5	perv	w
33.65	54.35		lim	2.5	frac	y-o
33.65	54.35	lim altn of feldspar grains	lim	4	smgr	o
33.65	91.15	cy altn out of fspar in qpc	cy	2.5	smgr	w
48	50.95		chl	4	vn	g
48	50.95		ep	4	vn	g
48	50.95	replacement of fspar phy in qpc, cgr ss below phyl	chl	1.5	smgr	g
54.35	87		lim	1.5	frac	y-o
81.55	90.12		fecb	3	frac	r-o
87	88.15		fecb	4	gouge	r-o
87	88.15		lim	4	gouge	o
95.45	100.2	fspars totally clay altered and lim	lim	1	frac	y-o
101.9	102.2	lim fracs x cutting throughout	lim	3	frac	y-o
103	105	cy altn vugs in qzvn	cy	2	vn	w
103	105.1	fecb fracs in a 10cm qzvn in phyl	fecb	2	vn	r-o
113.85	115.25	cy altn of fspar pebbles of qpc	cy	4	smgr	w
115.25	133.25	chl altn in qv in phyl	chl	1.5	vn	g
117	127.35		fecb	1	frac	r-o
117	127.35		fecb	1	fol	r-o
127.35	133.45	more intense zone of fecb altn in more intensely gouge interval	fecb	2.5	frac	r-o
127.35	133.45	more intense zone of fecb altn in more intensely gouge interval	fecb	2.5	fol	r-o
133.45	153	silicified sandstone and qpc matrix	sil	1.5	perv	gy
133.45	153	chl alt of qv in phyl	lim	2.5	vn	g
133.45	153	lim altn along antaxial fracs in qv	lim	1.5	frac	y-o
133.45	153	cy altn of fspars pebs/grains in qpc/ss	cy	2.5	smgr	w

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020A	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	60	270	153				

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
7	8.8	FZ	400.0%	BFZ	interval of broken/lost core in phyl
9.8	11	FZ	400.0%	BFZ	significant broken/lost core phyl
11.1	11.45	FZ	300.0%	BFZ	broken/lost core in phyl
12.9	14.67	FZ	300.0%	BFZ	broken and minor gouge in phyl lost core
15.95	16.6	FZ	400.0%	BFZ	broken and minor gouge in phyl lost core
16.85	17.5	QZVN	400.0%	BFZ	2.5cm qzvn with fault gouge
16.85	17.5	QZVN	400.0%	bx	2.5cm qzvn with fault gouge
18	21	FZ	300.0%	BFZ	abundant zone of broken core, LC ~2m
22.1	30	FZ	400.0%	BFZ	significant gouge/broken zones, lost core
31.1	33.6	QZVN	350.0%	bx	abundant x-cutting veins
32.4	35.7	FZ	250.0%	BFZ	
36.3	39.7	QZVN	350.0%	bx	several thick bulky qzvn (5-26
39.7	48	QZVN	150.0%	SHTV	couple sets of sheeted veins
44.4	45	FZ	250.0%	BFZ	abundant broken/lost core in qpc
50.5	53.35	FZ	450.0%	BFZ	very broken core, moderate gouge few solid 2cm sections
54.3	78	QZVN	150.0%	SHTV	wide spaced sheeted vns
65.6	67.35	FZ	350.0%	BFZ	core broken/lost gouge 45cm more competent section in middle
81.9	83.2	QZVN	350.0%	bx	intensely fractured qv w small sections of qpc
84	84.95	QZVN	300.0%	bx	thick 1-2cm qzvn x-cutting cgr qpc
87	88.55	FZ	400.0%	BFZ	intensely gouged qpc+almost all
95.45	102.2	QZVN	350.0%	bx	intense quartz veining in sandstone tva also
102.2	133.25	FZ	400.0%	BFZ	intense gouge+broken phyl bfz overprinting dsz
133.25	137.5	QZVN	150.0%	SHTV	couple of sets, 0.3cm thick spaced at 10cm
137.5	138.15	QZVN	250.0%	TVA	more abundant qzvning, 1 cm wide few cm arrays
150	152	FZ	300.0%	BFZ	intense gouge zone followed by broken zones
152	153	QZVN	100.0%	SHTV	set of 0.5cm thick QV spaced ~20cm apart

Mineralisation

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 153

From:	To:	Comments	Mineral	Percent	Distribution
6	6.6	fgn to cgr euhedral cubic	py	1	diss
6.6	90.75		py	0.1	vug
6.6	90.75	trace py in qv vugs, abundant network of veins	py	0.1	vn
81.5	81.51	cgr asp in qv in sandstone	asp	3	vn
90.1	90.11	trace gn w py in vug of qv	gn	0.1	vn
91.35	95.45	filling quartz stringers	py	1	vn
95.45	102.2	euh to anh aggregates/blebs	py	1	diss
95.45	102.2	cgr euhedral xls	asp	2	diss
99	100	occurring with vg	gn	0.1	vn
99	100	few specks of vg (4)	Au	0.1	vn
102.2	102.21		py	0.5	vn
102.2	102.21		py	1	diss
105	113.85	gf within shear zones	gf	10	fol
105	113.85	py stringers infill qv	py	1	vn
112.65	115.3	fgr, euh	py	1	diss
112.65	115.3	fgr, euh	asp	2	diss
113.85	115.25	fgr, euh	asp	1	diss
113.85	115.25	fgr, euh	py	1	diss
115.25	133.25	fg, euh, particularly in bedding	py	1	diss
115.25	120.35		gf	10	fol
115.25	133.25	stringers infill qv+vugs	py	1	vn
133.25	133.26	rusty vugs	py	0.1	vn
133.25	133.26	tr asp, fg, euh diss	asp	0.1	diss
133.25	133.26	fg, euh diss in ss and qpc matrix	py	0.1	diss

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 153

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
6.8	Veins			ep	bx matrix	65			Iron stained qzvn with ep veins
9	Bedding	46	S1			3			
9	Cleavage	4			FOL	30			spaced 1mm, penetrative foliation
11.6	Veins					70			Fe stained, vuggy qrtz
11.8	Veins			fecb		30			x-cuts S1 pinch and swell structure along trace of the vein
15.2	Veins			fecb		50		15	bx vein, flt drag of So indicated reverse mvmt
15.95	Veins	34		ser		40			bx'd qzvn with a 5cm halo of silicification in WR
21.3	Bedding	46				25			fecb coated
21.3	Cleavage	34		sil		40			fecb coated
31.6	Veins			wcy	STWK	60			
31.6	Veins			wcy	STWK	20			x cutting veins in a zone of strongly sil breccia
36.38	Veins			fecb	qzcb				rubble zone QZCB
36.8	Veins			fecb	qzcb				rubble QZCB
36.95	Veins			fecb	qzcb				rubble QZCB
37	Cleavage		Ssh	fecb	FOL	75			1cm spaced non-penetrative cleavage in qzvn interval
37.6	Veins			fecb	HSV	45			
41.5	Veins			lim	qzcb	40			x-cuts ssh
42.1	Cleavage								
42.35	Faults			fecb	frac	30			
42.69	Faults			ocy	Gouge	70			1.5cm wide
43	Cleavage		Ssh	fecb		55			disjunctive fol
43	Veins			fecb	Veinlets	50			
46	Faults			fecb	Gouge	75			ocy gouge and qzvn bx clasts 2cm
48	Veins				fltfill	0			
51.25	Faults			fecb	Gouge	80			ocy gouge 3cm
51.4	Veins			fecb	Veinlets	40			x-cuts Ssh
51.4	Cleavage		Ssh	fecb	FOL				disjunctive foliation
51.4	Veins			fecb	qzcb	40			
55.2	Veins			fecb	SHTV	80			
55.2	Veins				qzcb	80			vuggy qzvn
55.2	Cleavage		Ssh		FOL	80			disjunctive foliation
58.5	Veins			fecb	fltfill	45			
59.62	Veins			fecb	Veinlets	60			vuggy qzcb vein 0.5cm
59.62	Cleavage		Ssh	fecb	FOL				disjunctive foliation 1.0cm
63.3	Cleavage		Ssh		FOL	60			disjunctive foliation
63.3	Veins			fecb	qzcb	45			fault filled
68.7	Bedding		So			30			contact bw qpc and 3cm phyllite bed
71.4	Faults			ocy	Open	55			fecb cy coating on open fractures
71.45	Faults			ocy	Open	45			fecb cy coating on open fractures

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 153

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
71.5	Veins				qzvn				
71.9	Faults			ocy	Open	30			
75	Veins				fltfill	20			
75.7	Faults				Open	10			
78.25	Veins			fecb	AXP	70			
78.25	Veins			fecb	qzcb	10			vuggy
78.4	Cleavage				FOL	60			disjunctive foliation
78.4	Veins			fecb	qzcb	25			selvedge0.5cm with strong fecb development on selvedge
80.05	Veins			fecb	qzcb	60			fault filled
80.05	Cleavage			fecb	FOL	60			disjunctive foliation
81.5	Veins			fecb	qzvn	50			
81.5	Veins			asp	qzvn	50			fault filled, large asp grains along vn margins (1m wide)
82.8	Faults			cy		10			
82.8	Faults			fecb		10			veinlet of intense fecb cy along closed fracture
83.5	Cleavage		Ssh		FOL	50			disjunctive foliation
87	Faults			cy	Gouge				90cm clay gouge with bx'd qzvn cy is fecb altered
87	Faults			asp	Gouge				90cm clay gouge with bx'd qzvn cy is fecb altered
87	Faults			ep	Gouge				90cm clay gouge with bx'd qzvn cy is fecb altered
87	Faults			fecb	Gouge				90cm clay gouge with bx'd qzvn cy is fecb altered and appears to be overprinted by epidote. Asp is disseminated
88	Cleavage		Ssh		FOL	60			disjunctive foliation
88	Veins			fecb	TVA	30			
88	Veins			py	TVA	30			
89.5	Faults			bcy	Gouge	80			5cm bcy gouge at the top of a qzvn
90.2	Cleavage					50			
91.13	Contact		So			65			MT-co.pbl above MT-Phyl
93.15	Veins			wcy	QBX	60			strong shearing at vein margins in the phyl
99	Veins			wcy	SHTV	65	260		sheeted veins highly folded
120.15	Bedding		So			30	228		bedding bw MT-phyl and MT-SS layers
123	Faults			py	Gouge				mineralized with pyrite
133.15	Veins			wcy	STWK				white clay altered, epidote alteration
133.15	Veins			ep	STWK				white clay altered, epidote alteration
133.45	Contact		So						MT-phyl above MT-ss
136.25	Faults			py	Gouge				
136.25	Faults			asp	Gouge				
143.9	Veins			hem	Veinlets	40	250		veins follow foliation
149.6	Veins			fecb	SHTV	45	286		
149.6	Veins			wcy	SHTV	45	286		
152.4	Veins			lim	SHTV	25			has comb texture w/ antiaxial fracs

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	153					

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30186	6	6.6	2011	Expl Geochem	H-split	MT-SS.mgr
30187	6.6	9	2011	Expl Geochem	H-split	MT-PHY.n
30188	9	11	2011	Expl Geochem	H-split	MT-PHY.n
30189	11	13	2011	Expl Geochem	H-split	MT-PHY.n
30190	13	15	2011	Expl Geochem	H-split	MT-PHY.n
30191	15	17	2011	Expl Geochem	H-split	MT-PHY.n
30192	17	19	2011	Expl Geochem	H-split	MT-PHY.n
30193	19	21	2011	Expl Geochem	H-split	MT-PHY.n
30194	21	23	2011	Expl Geochem	H-split	MT-PHY.n
30195	23	25	2011	Expl Geochem	H-split	MT-PHY.n
30196	25	27	2011	Expl Geochem	H-split	MT-PHY.n
30197	27	29	2011	Expl Geochem	H-split	MT-PHY.n
30198	29	30	2011	Expl Geochem	H-split	MT-PHY.n
30199	30	30.85	2011	Expl Geochem	H-split	MT-SS.cgr
30200	30.85	33.5	2011	Expl Geochem	H-split	MT-CO
30201	33.5	36	2011	Expl Geochem	H-split	MT-CO.pbl
30202	36	38	2011	Expl Geochem	H-split	MT-CO.pbl
30203	38	40	2011	Expl Geochem	H-split	MT-CO.pbl
30204	40	42	2011	Expl Geochem	H-split	MT-CO.pbl
30205	42	44	2011	Expl Geochem	H-split	MT-CO.pbl
30206	44	46	2011	Expl Geochem	H-split	MT-CO.pbl
30207	46	48	2011	Expl Geochem	H-split	MT-CO.pbl
30208	48	50	2011	Expl Geochem	H-split	MT-PHY.n
30209	50	50.75	2011	Expl Geochem	H-split	MT-PHY.pbl
30210	50.75	52.75	2011	Expl Geochem	H-split	MT-SS.cgr
30211	52.75	54.75	2011	Expl Geochem	H-split	MT-CO.pbl
30212	54.75	57	2011	Expl Geochem	H-split	MT-CO.pbl
30213	57	59	2011	Expl Geochem	H-split	MT-CO.pbl
30214	59	61	2011	Expl Geochem	H-split	MT-CO.pbl
30215	61	63	2011	Expl Geochem	H-split	MT-CO.pbl
30216	63	65	2011	Expl Geochem	H-split	MT-CO.pbl
30217	65	67	2011	Expl Geochem	H-split	MT-CO.pbl
30220	67	69	2011	Blank	LWS_2011	MT-CO.pbl
30218	67	69	2011	Expl Geochem	H-split	MT-CO.pbl
30219	67	69	2011	DUP	Q-Split	MT-CO.pbl
30221	69	71	2011	Expl Geochem	H-split	MT-CO.pbl
30222	71	73	2011	Expl Geochem	H-split	MT-CO.pbl
30223	73	75	2011	Expl Geochem	H-split	MT-CO.pbl

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-020A **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 153

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30224	75	77	2011	Expl Geochem	H-split	MT-CO.pbl
30225	77	78.7	2011	Expl Geochem	H-split	MT-CO.pbl
30226	78.7	80.7	2011	Expl Geochem	H-split	MT-SS.cgr
30227	80.7	81.55	2011	Expl Geochem	H-split	MT-SS.cgr
30228	81.55	83.55	2011	Expl Geochem	H-split	MT-CO.pbl
30229	83.55	85.5	2011	Expl Geochem	H-split	MT-CO.pbl
30230	85.5	87	2011	Expl Geochem	H-split	MT-CO.pbl
30231	87	89	2011	Expl Geochem	H-split	MT-CO.pbl
30232	89	90	2011	Expl Geochem	H-split	MT-CO.pbl
30233	90	91.15	2011	Expl Geochem	H-split	MT-CO.pbl
30234	91.15	93	2011	Expl Geochem	H-split	MT-PHY.n
30235	93	95.25	2011	Expl Geochem	H-split	MT-PHY.n
30236	95.25	97	2011	Expl Geochem	H-split	MT-SS.cgr
30237	97	99	2011	Expl Geochem	H-split	MT-SS.cgr
30238	99	101	2011	Expl Geochem	H-split	MT-SS.cgr
30239	99	101	2011	Blank	LWS_2011	MT-SS.cgr
31761	99	100	2011	Expl Geochem	Q-Split	QZVN
31762	100	100.5	2011	Expl Geochem	Q-Split	QZVN
31763	100.5	102.13	2011	Expl Geochem	Q-Split	QZVN
30240	101	102.2	2011	Expl Geochem	H-split	MT-SS.cgr
30241	102.2	104	2011	Expl Geochem	H-split	MT-PHY.n
30242	104	106	2011	Expl Geochem	H-split	MT-PHY.pbl
30243	106	108	2011	Expl Geochem	H-split	MT-PHY.n
30244	108	110	2011	Expl Geochem	H-split	MT-PHY.n
30245	110	112	2011	Expl Geochem	H-split	MT-PHY.n
30246	112	113.85	2011	Expl Geochem	H-split	MT-PHY.n
30247	113.85	115.25	2011	Expl Geochem	H-split	MT-CO.pbl
30248	115.25	117	2011	Expl Geochem	H-split	MT-PHY.n
30249	117	119	2011	Expl Geochem	H-split	MT-PHY.n
30250	119	121	2011	Expl Geochem	H-split	MT-PHY.n
30251	121	123	2011	Expl Geochem	H-split	MT-PHY.n
30252	123	125	2011	Expl Geochem	H-split	MT-PHY.n
30253	125	127	2011	Expl Geochem	H-split	MT-PHY.n
30254	127	129	2011	Expl Geochem	H-split	MT-PHY.n
30255	129	131	2011	Expl Geochem	H-split	MT-PHY.n
30256	131	133.35	2011	Expl Geochem	H-split	MT-PHY.n
30257	131	133.35	2011	STND	CDN-GS-8B	MT-PHY.n
30258	131	133.35	2011	DUP	Q-Split	MT-PHY.n
30259	133.35	135	2011	Expl Geochem	H-split	MT-SS.cgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-020A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	153					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30260	135	136.15	2011	Expl Geochem	H-split	MT-SS.cgr
30261	136.15	138	2011	Expl Geochem	H-split	MT-SS.cgr
30262	138	140	2011	Expl Geochem	H-split	MT-CO.pbl
30263	140	142	2011	Expl Geochem	H-split	MT-CO.pbl
30264	142	144	2011	Expl Geochem	H-split	MT-CO.pbl
30265	144	146	2011	Expl Geochem	H-split	MT-CO.pbl
30266	146	148	2011	Expl Geochem	H-split	MT-CO.pbl
30267	148	150	2011	Expl Geochem	H-split	MT-SS.cgr
30268	150	152	2011	Expl Geochem	H-split	MT-CO.pbl
30269	152	153	2011	Expl Geochem	H-split	MT-CO.pbl

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-021 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533712.3	6843901.1		

Elevation: 1559 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 190
EOH: 237.0 m
Core Size: HQ

Start Date: 24/08/2011
Finish Date: 03/08/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
12	60.2	189.84	5859	Reflex	1
63	61.2	187.54	5815	Reflex	1
108	61	186.84	5850	Reflex	1
153	60.7	188.64	5812	Reflex	1

Objective:

This hole is designed to test for the presence of 080 trending cross faults at the Main Zone, It should also provide a better picture of stratigraphy.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	3		CASING		100.0%				co	1
3	6.5	grey-green SS layers 0.5-1cm thick	MT-SS	fgr	10.0%	gy-g			br	3
3	6.5	black phyllite, 1-2cm qzvns along bedding/foliation, sandstone layers gry-grn (0.5-1cm thick)	MT-Phy	n	90.0%	n			br	3
6.5	6.7	White qzvn 20cm thick w/ stingers of hem. Minor chl altn. 1-2cm vugs at MT-phy QZVN contact	QZVN		100.0%	w			co	2
6.7	17.5	gy-gr SS layers 0.5-1cm thick	MT-SS	fgr	10.0%	gy-g			br	3
6.7	17.5	black phyllite w/ ss gy-g layers, rusty qrtz veins w/ hem selvedge, qzvns follow fol, fault guouge at the end of the unit	MT-Phy	n	90.0%	n			br	3
17.5	18	~45cm qzvn, host rock within the vein (MT-phyl xenolith), vein contains hem stringers, chl altn along fractures	QZVN		100.0%	w			co	2
18	61.7	fgr grey SS layers	MT-SS	fgr	10.0%	gy			fr	3
18	61.7	blk phyl gy-g ss fgr layers, 3 vuggy qzvns 4-5cm thick	MT-Phy	n	90.0%				fr	3
61.7	62.7	gradational contact: fgr ss-cgr ss-QPC downhole. 2 Vuggy comb qzvns 0.5-1cm w/ fecb altn. Chl/ep altn along selvedge qrtz veins. Hem smgr	MT-SS	cgr	100.0%	gy			fr	3
62.7	69.3	size of qrtz pebbles increase downhole 0.5mm-0.8mm, white clay and hem altn in smgr, 0.5-2cm qrtz veins follow foliation	MT-CO	pbl	100.0%	bf	qtz	25	fr	3
69.3	69.4	blk phyllite, sharp contact bw MT-CO above MT-Phyl	MT-Phy	n	100.0%	n			br	3
69.4	81.35	blk phyllite	MT-Phy	n	5.0%	n			fr	3
69.4	81.35	Pebble sized QPC, felspars replaced by wcy+hem, 1-10cm QZvns. Phyl is highly fractures with fecb+hem alteration	MT-CO	pbl	95.0%	bf	qtz	25	fr	3
81.35	92.75	highly broken/fractured buff QPC. Shearing is interpreted by the the elongated qrtz pebbles. QZVN at 83.75. 15cm thick, rusty euhedral pyrite cubes with fecb staining. Smgr of xls by wcy+lim. Fecb staining along fractures. Clasts: 75 qtz, 20 fspar, 5 lithics	MT-CO	pbl	100.0%	bf	qtz	75	br	2
92.75	97.75	Buff coloured fine grained layers of ss in phyl unit	MT-SS	fgr	5.0%	bf			fr	1
92.75	97.75	Blk phyl with v.fine mm scale layers of fgr MT-SS. Localized zones of deformation/foliation. QZVNS tend to follow foliation. Pyrite min along So/S1 and in QZVNS.	MT-Phy	n	95.0%	n			br	1

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-021	Grant No.:	YD07124
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
97.75	118.6	QPC with increased lithic fragments, diss py, coarse grained qrtz and feldsp fragments	QZVN		10.0%	w	qtz	25	br	2
97.75	118.6	cgr ss grading into qpc downhole at 98.35m	MT-SS	cgr	10.0%	gy			fr	2
97.75	118.6	QPC with increased lithic fragments, diss py, coarse grained qrtz and feldsp fragments	MT-CO	pbl	80.0%	gy			fr	2
118.6	138.65	Stwk Q2VNing especially around bx zones. Few SHTVS that x-cut @ 133.00m which are mineralized w/vnpy	QZVN		5.0%	w			co	2
118.6	138.65	Blk phyl w/minor MT-SS Highly faulted/bx'd areas, highly fragmented clasts<5cm	MT-Phy	pbl	95.0%	n			co	2
138.65	166.1	stwk, shtv, tva (0.5-10cm thick)	QZVN		5.0%	w			co	2
138.65	166.1	cgr grey-green SS that grades in and out of QPC, smgr altered by wcy	MT-SS	cgr	35.0%	gy	qtz	90	co	2
138.65	166.1	qpc has a mod high degree of shearing, subrounded qtz pbls. 90%qtz, 9%fspar, 1% lithics.	MT-CO	pbl	60.0%	gy			co	2
166.1	171.6	cm scale SLT banding (1-5cm)	MT-SLT	fgr	40.0%	gy			co	2
166.1	171.6	blk phyllite w/ very little qzvning w/ py stringers	MT-Phy	n	60.0%	n			co	2
171.6	182.5	Zones of pbl QPC	MT-CO	pbl	5.0%	gy	qtz	95	br	1
171.6	182.5	SHTV 1cm-10cm thick	QZVN		5.0%	w			br	1
171.6	182.5	Coarse grained equigraular grey SS, 95% qzt, 5% fspar altered to wcy with rusty overprint.	MT-SS	cgr	90.0%	gy			br	1
182.5	185.3	Higher deformed TVA and SHTV qzvns 2mm-2cm	QZVN		20.0%	w			br	3
182.5	185.3	deformed blk phyl, sharp upper contact, gradational lower contact into SS	MT-Phy	n	80.0%	n			br	3
185.3	192.25	interbedded SS+phyl at contact grading into competent cgr grey SS. Buff fecg along veining and fractures. Few lenses of phyl in SS. Few cm qtz veins that are sheared. SS becomes interbedded w/ phyl grading into phyl @ 192.25m	MT-SS	cgr	100.0%	gy			br	2
192.25	195.3	blk phyl w/ few SLT lamella, fault gouge at 195.30m which becomes highly graphitic.	MT-Phy		100.0%	n			co	2
195.3	223.2	TVA and folded, boudinaged QZVNS beginning at at 201m	QZVN	gf	5.0%	w			fr	4
195.3	223.2	intensely deformed phyl, gf in the fractures and gouges	MT-Phy	gf	95.0%	n			fr	4
223.2	237	SHTV 1mm-2cm dominantly along S1	QZVN		5.0%	w			co	2
223.2	237	blk phyl w epidote vns which have been deformed and pinched out	MT-Phy		10.0%	n			co	2
223.2	237	gy pbl QPC. Fecb along veins and fractures wcy smgr. Clasts: subrounded-rounded. 95% qtz, 5%fspar, trace lithics	MT-CO	pbl	35.0%	gy	qtz	95	co	2
223.2	237	Gy SS with rounded-subrounded grains	MT-SS	cgr	50.0%	gy			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-021	Grant No.:	YD07124
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Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
3	51.7	hem altn along bedding and cleavage fractures	hem	2	frac	b
3	51.7	follows bedding and cleavage planes	chl	2	bed	g
3	51.7	chl altn near zones of intense hem altn, few chl altered veins 0.5-1cm	chl	1	vn	g
3	51.7	hem and rusty staining along edges of quatz veins	hem	3	seld	b
51.7	51.85	vugs are highly altered and coated w/ hem	hem	3	vn	b
51.7	51.85	minor chl altn within qrtz vug	chl	1	vug	g
51.7	51.85	surrounding 5cm qzt vein	chl	3	seld	g
51.7	51.85	minor chl in vein, small chl veins surrounding large 5cm quartz vein	chl	2	vn	g
51.85	58.8	along bedding and cleav	hem	2	frac	b
51.85	58.8	hem along edge of qrtz veins	hem	2	seld	b
58.8	58.9	0.5-1cm ep veins near 5cm qrtz vein	ep	2	vn	g
58.8	58.9	along edge of 5cm qrtz vein	ep	2	seld	g
58.8	58.9		hem	2	frac	b
58.9	75.7	replacing fspar	hem	2	smgr	b
58.9	75.7	replacing fspar	cy	2	smgr	w
58.9	75.7		hem	3	frac	b
58.9	75.7		fecb	3	frac	b
75.7	87.35	pervasive silicification through QPC	sil	3	perv	w
75.7	87.35	replacing fspar	hem	3	smgr	g
75.7	87.35	replacing fspar	cy	3	smgr	w
75.7	87.35		hem	3	frac	b
75.7	87.35		fecb	3	frac	b
81.3	92.4	clay altn of fspar grains in qpc and ss	cy	2	smgr	w
81.35	92.4		lim	3	smgr	y-b
81.35	92.4		fecb	2	frac	b
81.35	92.4	oxidized subhedral-euhedral py xls	fecb	1	smgr	r-b
92.4	92.41	strong fecb altn in fractures of qpc at qpc-phyl contact	fecb	3	frac	b
92.41	102.2	carbonate filling voids/vugs in qzvns	cbt	2	vn	y-w
96.1	96.15	hem altn along fracs in qzvns	hem	2	frac	r
98.5	102.2		fecb	1	seld	b
102.2	115.95		LIM	1	frac	b
102.2	115.95		cy	1	diss	w
102.2	115.95		fecb	1	frac	b
115.95	138.65	within but mainly along edge of qzvns	cy	2	seld	w
115.95	138.65	in natural fractues, no lim	cy	1	frac	w
115.95	138.65	replacing fspar	cy	1	diss	w
138.65	182.65	wcy dominated altn of fspar grains	cy	2	smgr	w
138.65	182.65	minor altn in fault filled fracs	cy	1	frac	w

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
138.65	182.65	dominant altn along major breaks	fecb	2	frac	b
185.3	189.75	fecb replacement of fspar	fecb	1	smgr	bf
189.55	237	replacing TVA veins, patchy in thicker veins	fecb	1	vn	bf
209.1	209.15	chl altn within qzvns	chl	2	vn	g
214.2	237	chlorite along SHTV qzvns and boudinaged qzvns in phyl	chl	2	vn	g
214.2	214.6	chl altn along strong fracture zones and goue zones	chl	1	frac	g
214.2	237	chlorite along shtv qzvns and in boudinaged qzvns in phyl	chl	2	vn	g

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
6.5	6.7	QZVN	300.0%		milky white qzvn w/ hem stringers
17.5	18	QZVN	300.0%		milky white qzvn w/ hem stringers
26	26.55	FZ	300.0%		highly fracture MT-phy
51.7	51.85	QZVN	200.0%	SHTV	2 3-5cm qzvns thick with 4cm separation along bedding/cleavage
55	57.5	FZ	300.0%	BFZ	clay and hem in FZ
61.7	62.7	contact	200.0%	grad	gradational contact between MT-phyl-MT-SS-QPC downhole
65.8	66	contact	200.0%	grad	gradational contact QPC-SS-phy back to QPC
85.3	85.6	FZ	300.0%	BFZ	QPC broken FZ fragments typically 5cm fecb+lim altn
92.75	94.45	FZ	400.0%	BFZ	areas are fragmented <5cm frags, fecb and diss py
98.25	98.85	QZVN	300.0%	stwk	zone of intense QZVning 30% veins fecb+lim altn
102.5	104.85	FZ	300.0%	BFZ	
123.1	132.4	FZ	400.0%	BFZ	
140.05	146.2	SZ	400.0%	DBSZ	
180.65	185.3	FZ	300.0%	BFZ	
201	204	SZ	400.0%	DBSZ	
223	224.15	FZ	200.0%	DBSZ	
233.5	233.8	QZVN	200.0%	SHTV	

Mineralisation

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From:	To:	Comments	Mineral	Percent	Distribution
3	42.25	finely dissseminated xls typically along bedding planes b/w MT-phyl and MT-SS layers	asp	0.1	diss
3	42.25		py	0.1	vn
3	42.25	finely dissseminated xls typically along bedding planes b/w MT-phyl and MT-SS layers	py	0.1	diss
42.25	60		asp	0.1	diss
42.25	60		asp	0.1	vn
42.25	60	rusty brown weathered pyrite cubs in veins, few clean euhedral xls replacement by fecb	py	0.5	vn
60	66		py	0.1	diss
60	66		asp	0.5	vn
60	66		asp	0.1	vn
66	81.35	diss in the qpc matrix	py	0.5	diss
66	81.35	diss in the qpc matrix	asp	0.1	diss
66	81.35	fine xls in QZVNS	asp	0.5	vn
81.35	84	v. fine xls diss in QPC	asp	0.1	diss
84	92.75	rusty brown weathered euhedral pyrite cubes 0.1mm-0.7mm diameter	py	2	diss
84	92.75		asp	0.1	diss
92.75	95.6	py in fracture filled veins and follow So	py	2	vn
92.75	95.6	py distd along various coarser ss beds	py	1	bed
92.75	95.6	fgr xls diss throughout	py	0.5	diss
95.6	102.2	diss py, typically increase in abundance and size near qzvns	py	1	diss
95.6	102.2		py	0.5	vn
95.6	102.2	v.fine asp xls over entire range, at 99m there are cg asp xls well developed euh	asp	0.5	diss
102.2	118.6		asp	0.1	vn
102.2	118.6		py	0.5	diss
102.2	118.6		asp	0.1	diss
102.2	118.6	Py min along small fracture filled qzvns	py	0.5	vn
118.6	118.65	pervasive gf min at contact MT-CO above Mt-phyl	gf	20	perv
118.65	122	Py min diss through mt-phyl	py	0.5	diss
118.65	122	Py min in fractured filled qzvns	py	0.5	vn
122	123	high min py in FZ gouge, cgr euh py	py	3	diss
122	123	small veins completely mineralised by py	py	2	vn
123	123.2	py min in phyl gouge zone	py	8	diss
123.2	133.55	0.5cm discontinuous mineralised beds	py	1	bed
123.2	133.55	euh py min in phyl	py	0.5	diss
132.4	132.9	defomed stinger veins completely mineralised by py. Py in larger SHTV 0.5-1cm thick	py	2	vn
138.65	166.1	diss asp throughout matrix	asp	0.5	diss
138.65	166.1	asp min along qzvns	asp	0.2	vn
138.65	138.7	diss py along contact phyl above QPC	py	3	diss
138.65	166.1	py min along qzvns	py	0.5	vn
138.65	166.1	diss py mineralisation increases in QPC	py	1	diss

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From:	To:	Comments	Mineral	Percent	Distribution
166.1	180.65	Trace vn asp through phyl/SLT/QPC	asp	0.01	vn
166.1	180.65	diss py throughout matrix	py	0.5	diss
166.1	180.65	Sparse vn py through phyl/SLT/QPC	py	0.1	vn
166.1	180.65	Sparse diss asp through phyl/SLT/QPC	asp	0.1	diss
180.65	180.75	euh py along gouge zone and fractures	py	2	frac
180.75	200.35	py min along phyl SLT beds	py	0.5	bed
180.75	200.35	py min in TVA qzvns	py	0.5	vn
200.35	237	fgr-cgr ehu py in deformed TVA Qzvns	py	0.5	vn
203.7	211.15	fgr py xls along bedding planes	py	0.5	bed
203.7	216	vfgr py xls diss through phyl	py	0.5	diss
211.55	216.8	fgr py xls along bedding planes	py	1	bed
223.2	237	vfgr py xls diss through phyl	py	0.1	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
10	Bedding		So			80			
13.3	Veins				CTV	70			QZVN
23	Bedding		So			70			
46.35	Veins				CTV	70			QZVN
67.85	Veins				SHTV	50			QZVN
69.35	Contact					60	0		MT-CO above MT-phyl
96	Faults				Gouge				minor lim in gouge
96.15	Veins				QBX				10cm wide QBX with hem altn
100.8	Veins				SHTV	40			2cm wide qzvn
118.6	Contact				bed				
118.6	Faults		cy		Gouge	55			5cm phyl gouge
123.2	Faults		cy		Gouge				cataclastic phyl gouge
126.7	Faults		cy		Gouge				
133	Veins				TVA	40			following S1
137.1	Cleavage	4	cy		FOL	80			
140	Cleavage	4			FOL	65			
141.7	Veins				TVA	40			think TVA qzvns
155.5	Veins		cy						parallel to core downhole 4cm thick
155.8	Veins				SHTV	30			following fol
160.9	Veins				SHTV	35			1cm thick qzvn
166.8	Bedding	46			bed	65			phyl bedding
169.6	Bedding	46			bed	65			phyl bedding
176.9	Veins				SHTV	15			vuggy 10cm thick qzvn
180.65	Faults		fecb		Gouge				shattered blk phyl

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
191.3	Faults		mud		Gouge				phyl gouge zone
192.25	Contact		fecb		bed	50			fecb smgr
194.8	Bedding	46			bed	50			phyl/SLT bedding
195.3	Faults		gf		Gouge				graphitic gouge zone
199.2	Veins		fecb		SHTV				graphitic zone boudinaged qzvn
199.2	Veins		fecb		QBX				bx qzvn
200.2	Bedding	46	gf		bed	60			phyl/SLT bedding
207	Bedding	46	fecb		bed	50			blk phly So
207.9	Cleavage	4	gf		FOL	15			
211.9	Faults				Gouge				grit-pbl gouge
219	Veins		chl		SHTV	40			
220.8	Bedding	46	chl		bed	40			phyl/SLT bedding
221	Veins		chl		SHTV	40			0.5cm SHTV
227.4	Cleavage	4	chl		FOL	65			clv causing flares along phyl/SS bedding
231.35	Veins				SHTV	65			
236.5	Veins				SHTV	60			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28966	3	5	2011	Expl Geochem	H-split	MT-Phy.n
28967	5	7	2011	Expl Geochem	H-split	MT-Phy.n
28968	7	9	2011	Expl Geochem	H-split	MT-Phy.n
28969	9	11	2011	Expl Geochem	H-split	MT-Phy.n
28970	11	13	2011	Expl Geochem	H-split	MT-Phy.n
28971	13	15	2011	Expl Geochem	H-split	MT-Phy.n
28972	15	16.25	2011	Expl Geochem	H-split	MT-Phy.n
28973	16.25	17.45	2011	Expl Geochem	H-split	MT-Phy.n
28974	17.45	18	2011	Expl Geochem	H-split	QZVN
28975	18	20	2011	Expl Geochem	H-split	MT-Phy.n
28976	20	22	2011	Expl Geochem	H-split	MT-Phy.n
28977	22	24	2011	Expl Geochem	H-split	MT-Phy.n
28978	24	26	2011	Expl Geochem	H-split	MT-Phy.n
28979	26	28	2011	Expl Geochem	H-split	MT-Phy.n
28980	28	30	2011	Expl Geochem	H-split	MT-Phy.n
28981	30	32	2011	Expl Geochem	H-split	MT-Phy.n
28982	32	34	2011	Expl Geochem	H-split	MT-Phy.n
28983	34	36	2011	Expl Geochem	H-split	MT-Phy.n
28984	36	38	2011	Expl Geochem	H-split	MT-Phy.n
28985	38	40	2011	Expl Geochem	H-split	MT-Phy.n

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
28986	40	42	2011	Expl Geochem	H-split	MT-Phy.n
28987	42	44	2011	Expl Geochem	H-split	MT-Phy.n
28988	44	46	2011	Expl Geochem	H-split	MT-Phy.n
28989	46	48	2011	Expl Geochem	H-split	MT-Phy.n
28990	48	50	2011	Expl Geochem	H-split	MT-Phy.n
28991	50	52.25	2011	Expl Geochem	H-split	MT-Phy.n
28992	52.25	54	2011	Expl Geochem	H-split	MT-Phy.n
28993	54	56	2011	Expl Geochem	H-split	MT-Phy.n
28994	56	58	2011	Expl Geochem	H-split	MT-Phy.n
28995	58	60	2011	Expl Geochem	H-split	MT-Phy.n
28998	60	61.7	2011	Blank	LWS_2011	MT-Phy.n
28997	60	61.7	2011	DUP	Q-Split	MT-Phy.n
28996	60	61.7	2011	Expl Geochem	H-split	MT-Phy.n
28999	61.7	62.7	2011	Expl Geochem	H-split	MT-SS.cgr
29000	62.7	64	2011	Expl Geochem	H-split	MT-CO.pbl
29001	64	66	2011	Expl Geochem	H-split	MT-CO.pbl
29002	66	68	2011	Expl Geochem	H-split	MT-CO.pbl
29003	68	70	2011	Expl Geochem	H-split	MT-CO.pbl
29004	70	72	2011	Expl Geochem	H-split	MT-CO.pbl
29005	72	74	2011	Expl Geochem	H-split	MT-CO.pbl
29006	74	76	2011	Expl Geochem	H-split	MT-CO.pbl
29007	76	78	2011	Expl Geochem	H-split	MT-CO.pbl
29008	78	80	2011	Expl Geochem	H-split	MT-CO.pbl
29009	80	82	2011	Expl Geochem	H-split	MT-CO.pbl
29010	82	84	2011	Expl Geochem	H-split	MT-CO.pbl
29011	84	86	2011	Expl Geochem	H-split	MT-CO.pbl
29012	86	88	2011	Expl Geochem	H-split	MT-CO.pbl
29013	88	90	2011	Expl Geochem	H-split	MT-CO.pbl
29014	90	92	2011	Expl Geochem	H-split	MT-CO.pbl
29015	92	92.7	2011	Expl Geochem	H-split	MT-CO.pbl
29016	92.7	94.7	2011	Expl Geochem	H-split	MT-Phy.n
29017	94.7	95.55	2011	Expl Geochem	H-split	MT-Phy.n
29018	95.55	96.85	2011	Expl Geochem	H-split	MT-Phy.n
29019	96.85	98.85	2011	Expl Geochem	H-split	MT-SS.cgr
29020	98.85	100.85	2011	Expl Geochem	H-split	MT-CO.pbl
29021	100.85	102.85	2011	Expl Geochem	H-split	MT-CO.pbl
29022	102.85	105	2011	Expl Geochem	H-split	MT-CO.pbl
29023	105	107	2011	Expl Geochem	H-split	MT-CO.pbl
29024	107	109	2011	Expl Geochem	H-split	MT-CO.pbl

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29025	109	111	2011	Expl Geochem	H-split	MT-CO.pbl
29026	111	113	2011	Expl Geochem	H-split	MT-CO.pbl
29027	113	115	2011	Expl Geochem	H-split	MT-CO.pbl
29028	115	117	2011	Expl Geochem	H-split	MT-CO.pbl
29029	117	119.2	2011	Expl Geochem	H-split	MT-CO.pbl
29030	119.2	121	2011	Expl Geochem	H-split	MT-Phy.n
29031	121	123	2011	Expl Geochem	H-split	MT-Phy.n
29032	123	125	2011	Expl Geochem	H-split	MT-Phy.n
29033	125	127	2011	Expl Geochem	H-split	MT-Phy.n
29034	127	129	2011	Expl Geochem	H-split	MT-Phy.n
29035	127	129	2011	STND	CDN-GS-8B	MT-Phy.n
29036	127	129	2011	DUP	Q-Split	MT-Phy.n
29037	129	131	2011	Expl Geochem	H-split	MT-Phy.n
29038	131	133	2011	Expl Geochem	H-split	MT-Phy.n
29039	133	135	2011	Expl Geochem	H-split	MT-Phy.n
29040	135	137	2011	Expl Geochem	H-split	MT-Phy.n
29041	137	138.65	2011	Expl Geochem	H-split	MT-Phy.n
29042	138.65	140	2011	Expl Geochem	H-split	MT-SS.cgr
29043	140	142	2011	Expl Geochem	H-split	MT-SS.cgr
29044	142	144	2011	Expl Geochem	H-split	MT-SS.cgr
29045	144	146	2011	Expl Geochem	H-split	MT-SS.cgr
29046	146	148	2011	Expl Geochem	H-split	MT-SS.cgr
29047	148	150	2011	Expl Geochem	H-split	MT-SS.cgr
29048	150	152	2011	Expl Geochem	H-split	MT-SS.cgr
29049	152	154	2011	Expl Geochem	H-split	MT-SS.cgr
29050	154	156	2011	Expl Geochem	H-split	MT-SS.cgr
29051	156	158	2011	Expl Geochem	H-split	MT-SS.cgr
29052	158	160	2011	Expl Geochem	H-split	MT-SS.cgr
29053	160	162	2011	Expl Geochem	H-split	MT-SS.cgr
29054	162	164	2011	Expl Geochem	H-split	MT-SS.cgr
29055	164	166.1	2011	Expl Geochem	H-split	MT-SS.cgr
29056	166.1	168	2011	Expl Geochem	H-split	MT-Phy.n
29057	168	170	2011	Expl Geochem	H-split	MT-Phy.n
29058	170	171.6	2011	Expl Geochem	H-split	MT-Phy.n
29059	171.6	174	2011	Expl Geochem	H-split	MT-Phy.n
29060	174	176	2011	Expl Geochem	H-split	MT-SS.cgr
29061	176	178	2011	Expl Geochem	H-split	MT-SS.cgr
29062	178	180	2011	Expl Geochem	H-split	MT-SS.cgr
29063	180	180.6	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-021 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 190 **EOH:** 237

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
29064	180.6	182.5	2011	Expl Geochem	H-split	MT-SS.cgr
29065	182.5	183.5	2011	Expl Geochem	H-split	MT-Phy.n
29066	183.5	185.3	2011	Expl Geochem	H-split	MT-Phy.n
29067	185.3	187	2011	Expl Geochem	H-split	MT-SS.cgr
29068	187	189	2011	Expl Geochem	H-split	MT-SS.cgr
29069	189	191	2011	Expl Geochem	H-split	MT-SS.cgr
29070	191	192.25	2011	Expl Geochem	H-split	MT-SS.cgr
29071	192.25	194.3	2011	Expl Geochem	H-split	MT-Phy.n
29073	194.3	195.3	2011	DUP	Q-Split	MT-Phy.n
29074	194.3	195.3	2011	Blank	LWS_2011	MT-Phy.n
29072	194.3	195.3	2011	Expl Geochem	H-split	MT-Phy.n
29075	195.3	197	2011	Expl Geochem	H-split	MT-Phy.n
29076	197	199	2011	Expl Geochem	H-split	MT-Phy.n
29077	199	201	2011	Expl Geochem	H-split	MT-Phy.n
29078	201	203	2011	Expl Geochem	H-split	MT-Phy.n
29079	203	205	2011	Expl Geochem	H-split	MT-Phy.n
29080	205	207	2011	Expl Geochem	H-split	MT-Phy.n
29081	207	209	2011	Expl Geochem	H-split	MT-Phy.n
29082	209	211	2011	Expl Geochem	H-split	MT-Phy.n
29083	211	213	2011	Expl Geochem	H-split	MT-Phy.n
29084	213	215	2011	Expl Geochem	H-split	MT-Phy.n
29085	215	217	2011	Expl Geochem	H-split	MT-Phy.n
29086	217	219	2011	Expl Geochem	H-split	MT-Phy.n
29087	219	221	2011	Expl Geochem	H-split	MT-Phy.n
29088	221	223.2	2011	Expl Geochem	H-split	MT-Phy.n
29089	223.2	225	2011	Expl Geochem	H-split	MT-SS.cgr
29090	225	227	2011	Expl Geochem	H-split	MT-SS.cgr
29091	227	229	2011	Expl Geochem	H-split	MT-SS.cgr
29092	229	231	2011	Expl Geochem	H-split	MT-SS.cgr
29093	231	233	2011	Expl Geochem	H-split	MT-SS.cgr
29094	233	235	2011	Expl Geochem	H-split	MT-SS.cgr
29095	235	237	2011	Expl Geochem	H-split	MT-SS.cgr

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-024A **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533704.7	6843763.5		

Elevation: 1535 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 65
Azimuth: 270
EOH: 205.0 m
Core Size: HQ

Start Date: 06/09/2011
Finish Date: 12/09/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
51	67.2	269.04	5840	Reflex	1
111	68.5	268.34	5837	Reflex	1
153	69.4	268.04	5835	Reflex	1
201	69.8	267.44	5832	Reflex	1

Objective:
To test the 3Ace fault along strike to the south of the Discovery vein and 3A-10-02 and -03

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	10.5		CASING		100.0%				co	1
10.5	22	Broken/Blocky phyllite. Zones that are highly fragmented <5cm. Lim+rust altn along fractures and phyllite bedding. High core loss	MT-Phy	n	100.0%	n			lc	3
22	26.8	Highly Fragmented <5cm Qtz Bx zone. Clast supported angular qtz clasts 0.5-1cm diameter. Intense lim+rust alteration in fractures.	QZVN		100.0%	w			lc	3
26.8	35.33	Broken-fragmented Blk phyllite with high core loss. Gouge zone at 27m	MT-Phy	n	100.0%	n			lc	3
35.33	58.15	Highly deformed pbl QPC. Pervasive lim+rust altn in fspar smgr and fractures. Fault zones are intensely fragmented. Clasts: 90% qtz, 10% fspar	MT-CO	pbl	100.0%	bf-b	qtz	90	br	3
58.15	87.4	Broken Blk phyllite with gouge zones at 60m and 63m. Py min along thin qzvns and filled fracs	MT-Phy		100.0%	n			co	3
87.4	107.2	Broken/Fragmented wcy+lim/rust altered pbl QPC. Strong fault zone throughout entire unit. Entire unit has been mod silicified causing blurred QPC grain boundaries. Clasts: subrounded, 95% qtz, 5% fspar	MT-CO	pbl	20.0%	bf	qtz	95	br	2
87.4	107.2	Broken/Fragmented wcy+lim/rust altered granule QPC. Strong fault zone throughout entire unit. Entire unit has been mod silicified causing blurred QPC grain boundaries. Clasts: subrounded, 95% qtz, 5% fspar	MT-CO	grn	80.0%	bf	qtz	95	br	2
107.2	114.6	Beginning of unit has abundant gy-bf fecb altered SLT lamella throughout. At 112.40-112.90m is a large SLT bed.	MT-SLT		20.0%	gy			co	2
107.2	114.6	Black phyllite with interbedded SLT	MT-Phy		80.0%	n			co	2
114.6	129.49	Grey pbl QPC with silicified matrix blurring grain boundaries Clasts: subrounded, 95% 4%fspar, 1% lithics	MT-CO	grn	20.0%	gy			co	2
114.6	129.49	Grey cgr SS with silicified matrix blurring grain boundaries Clasts: subrounded, 95% 4%fspar, 1% lithics	MT-SS	cgr	80.0%	gy			co	2

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-024A	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
65	270	205					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
129.49	141.8	Grey mgr qtz rich SS. Minor fecb alteration in thn deformed qzvns interbedded with blk phyllite	MT-SS	mgr	49.0%	gy			co	2
129.49	141.8	Blk phyllite interbedded with SLT lamella, thin fecb altered deformed qzvns	MT-Phy		51.0%	n			co	2
141.8	192.15	Competent blk phyl unit, py min along chl altered deformed qzvns at beginning of unit. Unit becomes more graphitic downhole with intense graphitic in Gouge zones. 1% Deformed Quartz-Carbonate veins, and SHTV in phyllite.	MT-Phy	gf	100.0%	n			co	2
192.15	193	Deformed and folded qzcb veins with thin zones of brecciation. Carbonate and minor chl alteration	QZVN		5.0%	w			co	3
192.15	193	Cgr grey-green SS with chl smgr. Weak Semi penetrative seams following phl So. SS contains a higher abundance of QZVNS with carbonate alteration	MT-SS	cgr	95.0%	gy			co	2
193	205	Competent blk phyl unit, . Unit becomes more graphitic downhole with intense graphitic in Gouge zones. 1% Deformed Quartz-Carbonate veins, and SHTV in phyllite.	MT-Phy	gf	100.0%	n			co	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
10.5	22	lim+rust altn along fractured phyllite	LIM	2	frac	b
10.5	22	lim+rust altn along phyl bedding planes	LIM	2	bed	b
22	26.8	Perv Lim+rust altn in fractures throughout qtz BX zone.	LIM	3	perv	b
26.8	35.33	lim+rust altn along fractured phyllite	LIM	2	frac	b
26.8	35.33	lim+rust altn along phyl bedding planes	LIM	2	bed	b
35.33	58.15	Perv Lim+rust altn in fractures, smgr of fspar grains in QPC. Mm qzvns have been completely replaced by lim rust	LIM	2	perv	b
60	65	Chlorite altn in deformed qzvns in phyllite	chl	1	vn	g
60	87.4	lim+rust altn along fractured phyllite	LIM	1	fracs	b
87.4	107.8	Minor wcy alteration of smgr fspar grains strongly overprinted by lim	cy	1	smgr	w
87.4	107.8	Strong pervasive alteration of QPC matrix, fractures and overprinting of wcy altered clasts	LIM	3	perv	bf
107.8	114.6	Minor fecb alteration along SLT bedding planes	fecb	1	bed	t
107.8	114.6	Lim alteration along fractures in phyl/SLT	LIM	2	frac	b
114.6	129.4	Wcy alteration of smgr fspar grains	cy	1	smgr	w
114.6	129.4	Lim overprint of smgr wcy altered fspar grains in granule QPC/SS	LIM	2	smgr	b
114.6	129.4	Strong brown lim alteration along fractures	LIM	3	fracs	b
129.4	141.8	Minor fecb alteration along SLT bedding planes	fecb	1	bed	t
129.4	141.8	Minor brown lim alteration along fractures	LIM	1	fracs	bf
141.8	152.8	Minor chl alteration along deformed qzvns	chl	1	vn	g
152.8	205	Mod pervasive graphite alteration throughout blk phyllite	gf	2	perv	n
152.8	205	Minor-mod carbonate replacement in SHTV and deformed Qzvns	cbt	1	vn	t
156.85	157	Strong graphite alteration in broken/gouge zone	gf	3	perv	n
162.45	163.65	Strong graphite alteration in phyl gouge zone	gf	3	perv	n
177.3	175.4	Moderate carbonate replacement in SHTV and deformed Qzvns	cbt	2	vn	t
187.7	188	Strong graphite alteration in phyl gouge zone	gf	3	perv	n
191	191.2	Strong graphite alteration in phyl gouge zone	gf	3	perv	n
191.2	195	Moderate carbonate replacement in SHTV and deformed Qzvns	cbt	2	vn	t
204	205	Strong graphite alteration in phyl gouge zone and broken phyl	gf	3	perv	n

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-024A	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	65	270	205				

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
22	26.8	QZVN	300.0%	bx	Qtz Breccia zone with intense fragmentation and intense lim+rust altn.
38.3	40.55	FZ	400.0%	BFZ	Intensely fragmented and lim+rust altered pbl QPC
52.2	57	FZ	300.0%	BFZ	Strong fragmentation and lim+rust altered pbl QPC
84	107.8	FZ	300.0%	BFZ	Strong broken/fragmented fault zone with multiple gouge/crush with coated with lim alteration
105.7	107.2	QZVN	300.0%	bx	Broken/Fragmented Qtz Bx zone with strong lim alteration
162.45	163.65	FZ	300.0%	BFZ	Faulted and gouge blk phyllite with graphite in gouge
177.8	178.4	QZVN	300.0%	bx	Highly deformed, folded and Bx Quartz Carbonate veins
187.7	188.3	FZ	200.0%	BFZ	Faulted and gouge blk phyllite with graphite in gouge
204	205	FZ	300.0%	BFZ	Faulted and gouge blk phyllite with graphite in gouge

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
22	26.8	Asp mineralisation through intensely fragmented Qtz Bx zone. Asp found in filled fractures.	asp	1	vn
22	26.8	py mineralisation in qzvns and stingers in fragmented Qtz Bx zone	py	0.5	vn
26.8	27.1	Diss py min in phyl gouge zone	py	1	diss
35.7	38	Diss py min throughout lim altered QPC matrix and clast	py	0.5	diss
38	58.15	Trace diss asp min throughout lim altered QPC matrix and clast	asp	0.01	diss
38	48	Trace diss py min throughout lim altered QPC matrix and clast	py	0.01	diss
48	58.18	Py min along qzvns, SHTV, stringers and silicified matrix in lim altered QPC	py	0.05	vn
58.18	59.6	Py mineralisation along deformed chl altered qzvns in phyllite	py	0.5	vn
67.3	67.4	Diss py in phyl gouge zone	py	1	frac
67.4	69.2	Py mineralisation in thin deformed qzvns in phyllite and throughout broken qtz in downhole from gouge zone	py	0.5	vn
69.2	87.2	Trace py min following phyl/SLT bedding	py	0.01	bed
87.2	126	Diss sub-euhedral py min throughout silicified QPC matrix	py	0.5	diss
87.2	126	Fgr aunhedral-subhedral asp mineralisation along lim altered Qzvns and stingers	asp	0.2	vn
115.59	126	Cgr enhedral Py mineralisation along lim altered Qzvns and stingers	py	1	vn
126	129.4	Diss sub-euhedral py min throughout silicified QPC matrix	py	0.2	diss
129.4	140	Py min along deformed Qzvns following phyllite foliation	py	0.1	vn
140	155.85	Trace py min along chaotically deformed Qzvns and sheeted Qzvns following phyllite foliation. Stonger min in chl altered qzvns	py	0.01	vn
155.85	205	vfgr subhedral py mineralisation along So/S1 planes. Pyrite beds and lenses are often folded and stongly deformed.	py	1	bed
155.85	205	Sub-euhedral py min along deformed qtz and qzcb veins	py	0.05	vn

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-024A **Grant No.:** YD07124

Plunge: 65 **Azimuth:** 270 **EOH:** 205

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
17.25	Bedding		So	LIM	bed	40			Phyl/SLT bedding planes with lim altn
27	Faults			LIM	Gouge				20cm phyl/mud gouge zone, minor lim altn
32	Bedding		So	LIM	bed	60			Phyl/SLT bedding planes with lim altn
37	Veins			LIM	qzvn	30			1cm thick solo qzvn
37.9	Cleavage		Sx	LIM	FOL	45			Semi penetrative seams filled with lim altn, sheeted vn array following this orientation
37.9	Veins			LIM	SHTV	45			0.5cm thick SHTV with 1cm spacing
48.3	Cleavage		Sx	LIM	FOL	30			Semi penetrative seams with intense rust altn
57.2	Veins			LIM	SHTV	15			2 0.5cm thick sheeted qzvns with 4cm spacing. Minor offset of veins indicating weak shear
60	Faults				Gouge				10cm phyllite gouge zone
62.6	Veins			LIM	SHTV	60			3 0.5cm thick lim altered qzvns w/ 3cm spacing
62.6	Bedding		So		bed	15			Compositional phyl/SS.fgr bedding
64.14	Bedding		So		bed	55			Compositional phyl/SS.fgr bedding
67.4	Faults				Gouge				20cm Phyllite/mud gouge zone
74.4	Bedding		So	fecb	bed	65			Compositional phyl/SS.fgr bedding
83.25	Veins				SHTV	45			2 1cm thick sheeted qzvns, 2 cm spacing in lim altered qpc
98.1	Faults				Gouge				10cm lim altered sandy gouge zone in granule QPC
104.45	Faults				Gouge				15cm lim altered sandy/pbl gouge zone
111.9	Bedding		So		bed	60			Phyl/SLT compositional bedding. Angle between So and S1 is 40 degrees
111.9	Cleavage		S1		FOL	25			Shinny semi penetrative foliation causing flares on bedding planes. Angle between So and S1 is 40 degrees
116.8	Veins				TVA	35			Once Sheeted vns, now a series of 0.5cm thick TVA qzvns ~0.5cm spacing
124.7	Veins				TVA	25			Series of 2mm thick TVA qzvns 3cm spacing
143	Bedding		So		bed	50			Phyl/SLT compositional bedding.
143	Cleavage		Sx		FOL	55			Semi penetrative foliation causing flares on bedding planes.
147.1	Veins				SHTV	30			3 2mm thick SHTV qzvns with 4cm spacing in blk phyl
156.1	Bedding		So	py	bed	20			Compositional phyl/SLT bedding with pyrite mineralisation along plane
161.6	Veins			cbt	qzvn	60			0.5cm thick single qzvn with minor carbonate alteration
162.6	Faults			gf	Gouge				Graphite coated phyllite gouge zone
164.76	Bedding		So	gf	bed	40			Compositional phyl/SLT bedding
167.2	Bedding		So	gf	bed	45			Compositional phyl/SLT bedding with py mineralisation along plane
168.8	Cleavage		S1	gf	FOL	30			Semi penetrative shinny phyl seams x-cutting So
168.95	Bedding		So	py	bed	40			Compositional phyl/SLT bedding with py mineralisation along plane
169.6	Cleavage		S1	gf	FOL	40			Semi penetrative shinny phyl seams x-cutting So
176.72	Bedding		So	gf	bed	70			Compositional phyl/SLT bedding with py mineralisation along plane
177.15	Bedding		So	gf	bed	55			Compostional phyl/SLT bedding
178.05	Veins			cbt	SHTV	30			3 3-5cm thick sheeted QZCB veins with py mineralisation
178.6	Bedding		So	gf	bed	20			Compostional phyl bedding
178.7	Veins			cbt	SHTV	55			6 1-5mm thick sheeted QZCB veins, 1-2cm spacing
184.55	Cleavage		S1	gf	FOL	65			Semi penetrative shinny phyl seams x-cutting So, angle between So and S1 is 60 degrees
184.55	Bedding		So	gf	bed	65			Compostional phyl/SLT bedding, angle bw So and S1 is 60 degrees

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-024A **Grant No.:** YD07124

Plunge: 65 **Azimuth:** 270 **EOH:** 205

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
188.6	Bedding		So	py	bed	35			Compostional phyl/SLT bedding, angle bw So and S1 is 60 degrees
191.15	Faults			gf	Gouge				Graphite coated phyllite gouge zone
192.15	Bedding		So	cbt	bed	45			Compositional phyl/SS bedding
192.15	Veins			cbt	qzvn	45			Single 0.5cm thick QZBC vein
198	Bedding		So	py	bed	35			Compostional phyl bedding
201.5	Bedding		So	py	bed	30			Compostional phyl bedding

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32560	10.5	15	2011	Expl Geochem	H-split	MT-Phy.n
32561	15	18	2011	Expl Geochem	H-split	MT-Phy.n
32562	18	21	2011	Expl Geochem	H-split	MT-Phy.n
32563	21	22	2011	Expl Geochem	H-split	MT-Phy.n
32564	22	23	2011	Expl Geochem	H-split	QZVN
32565	23	26.8	2011	Expl Geochem	H-split	QZVN
32566	26.8	30	2011	Expl Geochem	H-split	MT-Phy.n
32567	30	32	2011	Expl Geochem	H-split	MT-Phy.n
32568	32	35.33	2011	Expl Geochem	H-split	MT-Phy.n
32569	35.33	37	2011	Expl Geochem	H-split	MT-CO.pbl
32570	37	39	2011	Expl Geochem	H-split	MT-CO.pbl
32571	39	41	2011	Expl Geochem	H-split	MT-CO.pbl
32572	41	43	2011	Expl Geochem	H-split	MT-CO.pbl
32573	43	45	2011	Expl Geochem	H-split	MT-CO.pbl
32574	45	47	2011	Expl Geochem	H-split	MT-CO.pbl
32575	47	49	2011	Expl Geochem	H-split	MT-CO.pbl
32576	49	51	2011	Expl Geochem	H-split	MT-CO.pbl
32577	51	52.2	2011	Expl Geochem	H-split	MT-CO.pbl
32578	52.2	54	2011	Expl Geochem	H-split	MT-CO.pbl
32579	54	55.55	2011	Expl Geochem	H-split	MT-CO.pbl
32580	55.55	57	2011	Expl Geochem	H-split	MT-CO.pbl
32581	57	58.15	2011	Expl Geochem	H-split	MT-CO.pbl
32582	58.15	60	2011	Expl Geochem	H-split	MT-Phy.n
32583	60	63	2011	Expl Geochem	H-split	MT-Phy.n
32584	63	65	2011	Expl Geochem	H-split	MT-Phy.n
32585	65	67	2011	Expl Geochem	H-split	MT-Phy.n
32586	67	69	2011	Expl Geochem	H-split	MT-Phy.n
32587	69	72	2011	Expl Geochem	H-split	MT-Phy.n
32588	72	74	2011	Expl Geochem	H-split	MT-Phy.n
32589	74	76	2011	Expl Geochem	H-split	MT-Phy.n

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-024A **Grant No.:** YD07124

Plunge: 65 **Azimuth:** 270 **EOH:** 205

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32590	76	78	2011	Expl Geochem	H-split	MT-Phy.n
32591	78	81	2011	Expl Geochem	H-split	MT-Phy.n
32592	81	84	2011	Expl Geochem	H-split	MT-Phy.n
32593	84	85	2011	Expl Geochem	H-split	MT-Phy.n
32595	85	87.4	2011	DUP	Q-Split	MT-Phy.n
32596	85	87.4	2011	Blank	LWS_2011	MT-Phy.n
32594	85	87.4	2011	Expl Geochem	H-split	MT-Phy.n
32597	87.4	89	2011	Expl Geochem	H-split	MT-CO.grn
32598	89	91	2011	Expl Geochem	H-split	MT-CO.grn
32599	91	93	2011	Expl Geochem	H-split	MT-CO.grn
32600	93	95	2011	Expl Geochem	H-split	MT-CO.grn
32601	95	97	2011	Expl Geochem	H-split	MT-Phy.n
32602	97	99	2011	Expl Geochem	H-split	MT-CO.grn
32603	99	102	2011	Expl Geochem	H-split	
32604	102	105	2011	Expl Geochem	H-split	
32605	105	107.2	2011	Expl Geochem	H-split	
32606	107.2	109	2011	Expl Geochem	H-split	MT-Phy.n
32607	109	111	2011	Expl Geochem	H-split	
32608	111	113	2011	Expl Geochem	H-split	
32609	113	114.6	2011	Expl Geochem	H-split	
32610	114.6	116	2011	Expl Geochem	H-split	MT-SS.cgr
32611	116	118	2011	Expl Geochem	H-split	
32612	118	120	2011	Expl Geochem	H-split	
32613	120	122	2011	Expl Geochem	H-split	
32614	122	124	2011	Expl Geochem	H-split	
32615	124	126	2011	Expl Geochem	H-split	
32616	126	128	2011	Expl Geochem	H-split	
32617	128	129.4	2011	Expl Geochem	H-split	
32618	129.4	131	2011	Expl Geochem	H-split	MT-Phy.n
32619	131	133	2011	Expl Geochem	H-split	
32620	133	135	2011	Expl Geochem	H-split	
32621	135	137	2011	Expl Geochem	H-split	
32622	137	139	2011	Expl Geochem	H-split	MT-SS.mgr
32623	139	141	2011	Expl Geochem	H-split	
32624	141	143	2011	Expl Geochem	H-split	MT-Phy.n
32625	143	145	2011	Expl Geochem	H-split	
32626	145	147	2011	Expl Geochem	H-split	
32627	147	149	2011	Expl Geochem	H-split	
32628	149	151	2011	Expl Geochem	H-split	

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-024A **Grant No.:** YD07124

Plunge: 65 **Azimuth:** 270 **EOH:** 205

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32629	151	153	2011	Expl Geochem	H-split	
32630	153	155	2011	Expl Geochem	H-split	
32633	155	157	2011	DUP	Q-Split	
32631	155	157	2011	Expl Geochem	H-split	
32632	155	157	2011	STND	CDN-GS-8B	
32634	157	159	2011	Expl Geochem	H-split	
32635	159	161	2011	Expl Geochem	H-split	
32636	161	163	2011	Expl Geochem	H-split	
32637	163	165	2011	Expl Geochem	H-split	
32638	165	167	2011	Expl Geochem	H-split	
32639	167	169	2011	Expl Geochem	H-split	
32640	169	171	2011	Expl Geochem	H-split	
32641	171	173	2011	Expl Geochem	H-split	
32642	173	175	2011	Expl Geochem	H-split	
32643	175	177	2011	Expl Geochem	H-split	
32644	177	179	2011	Expl Geochem	H-split	
32645	179	181	2011	Expl Geochem	H-split	
32646	181	183	2011	Expl Geochem	H-split	
32647	183	185	2011	Expl Geochem	H-split	
32648	185	187	2011	Expl Geochem	H-split	
32649	187	189	2011	Expl Geochem	H-split	
32650	189	190	2011	Expl Geochem	H-split	MT-Phy.n
32651	190	192.15	2011	Expl Geochem	H-split	
32652	192.15	193	2011	Expl Geochem	H-split	MT-SS.cgr
32653	193	195	2011	Expl Geochem	H-split	MT-Phy.n
32654	195	197	2011	Expl Geochem	H-split	
32655	197	199	2011	Expl Geochem	H-split	
32656	199	201	2011	Expl Geochem	H-split	
32657	201	203	2011	Expl Geochem	H-split	
32658	203	205	2011	Expl Geochem	H-split	

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533736.7	6843877.7		

Elevation: 1556 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 286.0 m
Core Size: HQ

Start Date: 12/09/2011
Finish Date: 18/09/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	61.6	272.44	5827	Reflex	1
75	62.8	273.54	5828	Reflex	1
114	64	274.14	5830	Reflex	1
216	66.1	271.94	5830	Reflex	1
286	67.1	273.24	5831	Reflex	1

Objective:
follow up of mineralized intersections observed in 3A-11-011

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	4.5	4.50 meters of casing --- no core recovered	CASING		100.0%				co	1
4.5	70.6	Only very minor thin, foliation concordant quartz seams throughout entire phyllite unit. Singular occurrences of broader up to 10cm thick quartz-chlorite veining @10.60m & 29.50m.	QZVN		1.0%				br	1
4.5	70.6	Black foliated (and folded) phyllite with lamellar, grey silt interbedding. Texture of phyllite too fine-grained to determine exact composition. 4.50-~16.00m: Unit is blocky, partially friable and fragmented. Either structural deformation of meteoric weathering. Also relatively blocky and fragmented in remainder of unit, but reasonably competent. Unit contains several narrow (<0.5m wide) zones of brittle deformation. 48.40-53.10m: Broad zone of brittle deformation with intense rust staining along low core angle fractures. Silt portion in unit changes from thin lamellar to up to 15cm thick, grey interbeds following this fault zone. 61.60-62.00m: poorly recoverd gouge fault silt portion reduced following this fault Only very minor thin, foliation concordant quartz seams throughout entire unit. Singular occurrences of broader up to 10cm thick quartz-chlorite veining @10.60m & 29.50m.	MT-Phy		99.0%				br	1
70.6	80.4	quartz veining in chloritized, rust stained sandstone unit is predominantly high core angle @ ~65TCA and generally 0.5-3cm thick. Occassionally, vuggy, undulated and low core angle.	QZVN		1.0%	w			co	1
70.6	80.4	Fault emplaced phyllite bed from 77.43m-78.50m in rust-stained sandstone unit. Texture of phyllite too fine grained to determine exact composition.	MT-Phy		1.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	286					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
70.6	80.4	Medium grained, rust-stained sandstone that grades into coarse grained sandstone towards lower contact of interval. Orange-brown rust staining throughout sandstone unit along open and healed fractures, within quartz veining. Rust stain overprint on (clay?) alteration of feldspars. Where rust-staining is less intense - sandstone has greenish hue. Unit contains a fault emplaced phyllite bed from 77.43m-78.50m. Sandstone --- Composition:~80% grey, diffuse quartz; ~20% altered feldspar Sandstone --- Matrix: <1% matrix [chloritic] Sandstone --- Grainsize: 0.5-1mm Sandstone --- Grainshape: subangular to subrounded	MT-SS	mgr	98.0%	gy	qtz	80	co	1
80.4	92.3	Several interbedded, <50cm wide, intensely fragmented phyllite wedges. Blocky, fragmented and rust-stained throughout with frequent gritty, sandy clay coating along variable core angle fractures. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		1.0%	n			co	2
80.4	92.3	Intensely fragmented unit with variable core angle quartz veining and intense rust-staining throughout. High density of broad, massive, 10-30cm thick quartz veining at lithological contact. Quartz veining marks the top of a highly fragmented and partially friable interval from 81.10m-92.30m.	QZVN		5.0%	w			co	2
80.4	92.3	Grey granule size Quartz Conglomerate that locally grades into coarse grained sandstone. Composition: 85% grey diffuse quartz; 15% altered feldspar Matrix: <1% matrix Grainsize: 2-4mm Grainshape: subangular Lower contact of unit is marked by interval of rust-stained crush-gouge.	MT-CO	grn	94.0%	gy	qtz	85	co	2
92.3	107.44	Densely spaced quartz veining of variable width and orienation. Sulfide mineralized throughout - as blebs in veining and fine-grained disseminated as wallrock mineralization.	QZVN		15.0%	w			co	1
92.3	107.44	Unit interchanges between sand and granule size and is rust-stained throughout. Densely spaced quartz veining of variable width and orienation. Sulfide mineralized throughout - as blebs in veining and fine-grained disseminated as wallrock mineralization. Composition of Sandstone (0.5-2mm) and granule size Conglomerate (3-4mm) matches and contacts are gradational. Sandstone is poorly sorted. Composition: 85% grey quartz; 15% altered feldspar Matrix: <1% Grainshape: subrounded	MT-CO	grn	20.0%	gy	qtz	85	co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
92.3	107.44	Unit interchanges between sand and granule size and is rust-stained throughout. Densely spaced quartz veining of variable width and orienation. Sulfide mineralized throughout - as blebs in veining and fine-grained disseminated as wallrock mineralization. Composition of Sandstone (0.5-2mm) and granule size Conglomerate (3-4mm) matches and contacts are gradational. Sandstone is poorly sorted. Composition: 85% grey quartz; 15% altered feldspar Matrix: <1% Grainshape: subrounded	MT-SS	cgr	65.0%	gy	qtz	85	co	1
107.44	134.4	Intensity of veinin is high in zone of brittle deformation from 107.44-117.80m and predominantly in form of quartz vein breccias with phyllite-clay-pyrite-arsenopyrite matrices. [[see structure & mineralization] Quartz veining occurs generally as <5mm thick, foliation discordant veinlets from 117.80-134.40m.	QZVN		5.0%	w			co	1
107.44	134.4	Black foliated (and folded) Phyllite unit that contains an interval of intense brittle deformation from 107.44 meters (upper contact) to 117.80 meters with a high degree of sulfide mineralization. [see structure table] Grey, lamellar silt interbedding becomes prominent from about 123 meters downwards. Fault zone also contains intervals of brecciated quartz veining with phyllite clay - pyrite - arsenopyrite matrix. Unit is competent and generall uniform in appearance from 117.80-134.40m (lower contact). Texture of phyllite too fine-grained to determine exact composition.	MT-Phy		95.0%	n			co	1
134.4	142.1	Quartz veining is predominantly ~1cm thick and occurs as sheeted 0-20TCA veins and occassional tension vein arrays at the same orientation. Veining is mineralized and mineralization predominantly occurs along vein boundaries. [see point measurements]	QZVN		5.0%	w			co	1
134.4	142.1	Medium to coarse grained, grey sandstone with white clay alteration on feldspar clasts. Composition: 85% grey, diffuse quartz; 15% altered feldspar Matrix: <1% Grainshape: subangular Grainsize: 1-2.5mm intensely sulfide mineralized by 0-20TCA sheeted quartz veining	MT-SS	cgr	95.0%	gy	qtz	85	co	1
142.1	143.7	Massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]	QZVN		100.0%	w			co	1
143.7	157.5	Localized occurrences of phyllite interbedding within conglomerate-sandstone unit from 155.10m-155.50m & 147.30m-147.60m with upper and lower contact concordant to phyllite compositional bedding cleavage. Phyllite interbeds are rust-stained and partially gouged. Also occasional, <4cm thick, frequently only partially penetrative phyllite wedges. Texture of phyllite is to fine-grained to determine exact composition.	MT-Phy		1.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	286					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
143.7	157.5	Unit is intensely sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures]	QZVN		5.0%	w			co	1
143.7	157.5	Gradational interbedding between coarse to medium grained sandstone and granule to pebble size quartz conglomerate. Unit is intensely sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. Sandstone and conglomerate have matching compositions: COMPOSITION: 90% grey quartz; 10% alstered feldspar MATRIX: <1% GRAINSHAPE: subangular GRAINSIZE -- Conglomerate: 2-5mm GRAINSIZE -- Sandstone: 1-2mm Upper contact of unit is bounded by massive quartz vein. Lower contact is marked by marked decrease in vein density and mineralization.	MT-CO		39.0%	gy	qtz	90	co	1
143.7	157.5	Gradational interbedding between coarse to medium grained sandstone and granule to pebble size quartz conglomerate. Unit is intensely sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. Sandstone and conglomerate have matching compositions: COMPOSITION: 90% grey quartz; 10% alstered feldspar MATRIX: <1% GRAINSHAPE: subangular GRAINSIZE -- Conglomerate: 2-5mm GRAINSIZE -- Sandstone: 1-2mm Upper contact of unit is bounded by massive quartz vein. Lower contact is marked by marked decrease in vein density and mineralization.	MT-SS		55.0%	gy	qtz	90	co	1
157.5	168.54	Only minor low core angle (20-35TCA) quartz veining with clearly decreased sulfide mineralization in comparison to previous unit above.	QZVN		2.0%	w			co	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
157.5	168.54	Unit interchanges between fine to medium grained sandsize and granule to pebble size quartz conlgomerate, where both sequences have matching compositions. Intense rust-stained 30-50TCA fractureing from 157.50m-163.20m. Only minro low core angle (20-35TCA) quartz veining with clearly decreased sulfide mineralization in comparison to previous unit above. COMPOSITION: 85% grey quartz; 15% altered feldspar MATRIX: <1% GRAINSHAPE: subangular GRAINSIZE -- Conglomerate: 2-5mm GRAINSIZE -- Sandstone: 0.25-1.00mm	MT-CO		30.0%	gy	qtz	85	co	2
157.5	168.54	Unit interchanges between fine to medium grained sandsize and granule to pebble size quartz conlgomerate, where both sequences have matching compositions. Intense rust-stained 30-50TCA fractureing from 157.50m-163.20m. Only minor low core angle (20-35TCA) quartz veining with clearly decreased sulfide mineralization in comparison to previous unit above. COMPOSITION: 85% grey quartz; 15% altered feldspar MATRIX: <1% GRAINSHAPE: subangular GRAINSIZE -- Conglomerate: 2-5mm GRAINSIZE -- Sandstone: 0.25-1.00mm	MT-SS	mgr	68.0%	gy	qtz	85	co	2
168.54	172.1	Several, <1cm thick, pyrite mineralized, 10-30TCA, foliation discordant quartz veinlets in phyllite-silt sequence.	QZVN		1.0%	w			br	2
168.54	172.1	Partially friable and gouged phyllite-silt sequence with 1-20cm wide grey silt interbeds. Texture too fine-grained to determine exact composition. Lowermost 2 meters of unit are competent.	MT-SLT		40.0%	gy			br	2
168.54	172.1	Partially friable and gouged phyllite-silt sequence with 1-20cm wide grey silt interbeds. Texture too fine-grained to determine exact composition. Lowermost 2 meters of unit are competent.	MT-Phy		59.0%	n			br	2
172.1	183.53	Unit is dominated by multiple sets of low core angle 0-30TCA quartz veining that generally range from 1-3cm in thickness and are frquently sheeted	QZVN		3.0%	w			br	2
172.1	183.53	Intensely rust-stained, fractured and partially fault crushed sandstone with low core angle quartz veining. Grainszie varies from medium to coarse grained. [predominantly medium grained] COMPOSITION: 80% grey quartz; 19% altered feldspar; 1% black, fine-grained lithics (phyllite?) MATRIX: <1% GRAINSHAPE: subangular GRAINSIZE: 0.3-2mm (locally grades into granule size near lower contact)	MT-SS	mgr	97.0%	gy	qtz	80	br	2
183.53	197.7	Quartz veining in phyllite-silt-sand sequence is generally <1cm thick and scarcely distributed. Unit contains two highly deformed, densely veined intervals [see structure]: 189.30m-190.20m -- sulfided mineralzed 196.90m-198.00m 00 sulfide mineralized + brittle deformation [forms lithological contact that marks transition into graphitic phyllite unit below]	QZVN		5.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	60	Azimuth:	270	EOH:	286		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
183.53	197.7	Black phyllite with lamellar, grey silt interbedding interchanging with grey, fine-grained sanstone interbe as 0.2-1.5m long sequences. Sandstone has greenish hue due to weak pervasive chloritization. Texture of phyllite & silt is too fine-grained to determine exact composition. Contacts between interbeds are generally hard & competent and concordant to phyllite compositional bedding cleavage. SANDSTONE -- Composition: 80% grey quartz; 17% altered feldspar; 3% very fine-grained, dark lithics (phyllite?) SANDSTONE -- Matrix: <1% SANDSTONE -- Grainshape: subrounded SANDSTONE -- Grainsize: 0.25-0.5mm	MT-SLT		20.0%	gy			co	1
183.53	197.7	Black phyllite with lamellar, grey silt interbedding interchanging with grey, fine-grained sanstone interbe as 0.2-1.5m long sequences. Sandstone has greenish hue due to weak pervasive chloritization. Texture of phyllite & silt is too fine-grained to determine exact composition. Contacts between interbeds are generally hard & competent and concordant to phyllite compositional bedding cleavage. SANDSTONE -- Composition: 80% grey quartz; 17% altered feldspar; 3% very fine-grained, dark lithics (phyllite?) SANDSTONE -- Matrix: <1% SANDSTONE -- Grainshape: subrounded SANDSTONE -- Grainsize: 0.25-0.5mm	MT-SS	fgr	35.0%	gy	qtz	80	co	1
183.53	197.7	Black phyllite with lamellar, grey silt interbedding interchanging with grey, fine-grained sanstone interbe as 0.2-1.5m long sequences. Sandstone has greenish hue due to weak pervasive chloritization. Texture of phyllite & silt is too fine-grained to determine exact composition. Contacts between interbeds are generally hard & competent and concordant to phyllite compositional bedding cleavage. SANDSTONE -- Composition: 80% grey quartz; 17% altered feldspar; 3% very fine-grained, dark lithics (phyllite?) SANDSTONE -- Matrix: <1% SANDSTONE -- Grainshape: subrounded SANDSTONE -- Grainsize: 0.25-0.5mm	MT-Phy		40.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	286					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
197.7	226.5	Black graphitic phyllite with occassional grey, lamellar interbedding. Graphite appears as dark grey-black, polished coating along compositional bedding cleavages. Localized intervals of concentrated deformed, pyrite mineralized, iron-carbonate altered quartz veining that concur with partial gouging. Lower contact with intensely fragmented, silicified sandstone unit. Texture of phyllite-silt sequence is too fine-grained to determine exact composition.	MT-SLT		5.0%	gy			fr	2
197.7	226.5	Black graphitc phyllite with localized intervals of concentrated deformed, pyrite mineralized, iron-carbonate altered quartz veining that concur with partial gouging. Quartz veining also as narrow, <1cm thick, sheeted veinlet pattern throughout entire unit.	QZVN		5.0%	w			fr	2
197.7	226.5	Black graphitic phyllite with occassional grey, lamellar interbedding. Graphite appears as dark grey-black, polished coating along compositional bedding cleavages. Localized intervals of concentrated deformed, pyrite mineralized, iron-carbonate altered quartz veining that concur with partial gouging. Lower contact with intensely fragmented, silicified sandstone unit. Texture of phyllite-silt sequence is too fine-grained to determine exact composition.	MT-Phy	gf	90.0%	n			fr	2
226.5	243.31	Quartz veining in weakly silicified, partially intensely fragmented feldspar generally 0.5-4cm thic vuggy and ranges from 10-50TCA. Intense suflide vein mineralization from 226.50m-229.1 0m within zone of brittle deformation. Minor sulfide vein mineralization in remainder of unit. [see point structures]	QZVN		1.0%	w			br	1
226.5	243.31	Lower contact of weakly silicified sandstone unit is gradational with phyllite unit below in form of fine-grained sandstone and phyllite interbedding. 240.80m-243.10m -- Interbedding in lithological contact zone: phyllite sandstone contacts are concordant to phyllite compositional bedding cleavage, but cut off low core angle veining in sandstone beds Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		1.0%	n			co	1
226.5	243.31	Grey, weakly silicified fine to medium grained sandstone. Silicification is expressed as grey pervasive, partially texturally destructive dissolution of quartz grain boundaries. Feldspar clats preserved at ~5%. Unit hosts 2 brittle fault zones from 226.50m-231.25m and from 234.77m-237.50m. Intense pyrite-arsenopyrite mineralization between 226.50m-229.1m. Upper contact of unit is with phyllite gouge. Lower contact of unit is gradational with phyllite unit below in form of fine-grained sandstone and phyllite interbedding. SANDSTONE -- Composition: 95% grey quartz; 5% white clay altered feldspar SANDSTONE -- Matrix: <1% SANDSTONE -- Grainsize: 0.25-1mm SANDSTONE -- Grainshape: subrounded	MT-SS	fgr	98.0%	gy	qtz	95	br	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
243.31	276.6	Veinlets in foliated and folded phyllite are generally <0.5cm thick and often axial planar. 243.31m-248.18m: Several broad vuggy, sulfide mineralized quartz veins just below upper contact of unit. Buff-creme iron-carbonate-quartz seams and veins near lower contact. [see point structure table]	QZVN		2.0%	w			co	1
243.31	276.6	Black, foliated phyllite with grey lamellar silt interbedding that occassionally reaches up to 10cm in width. ~5% Silt Multiple parasitic fold profiles visible throughout. Foliation core angle is extremely variable throughout unit and runs at 0-10TCA from ~272.60m-~275.00m Texture of phyllite too fine-grained to determine exact composition. So: compositional bedding cleavage S1: fabrics locally well expressed frequent axial planar veinlets and vein seams concordant to cink-folding/parasitic folding	MT-Phy		98.0%	n			co	1
276.6	286	Intensely fragmented unit with interchanging beds of black phyllite, grey silt and dark grey sandstone as well as zones of broad (partiall fragmented) massive quartz veining.	MT-SLT		10.0%	gy			fr	2
276.6	286	Intensely fragmented unit with interchanging beds of black phyllite, grey silt and dark grey sandstone as well as zones of broad (partiall fragmented) massive quartz veining.	QZVN		20.0%	w			fr	2
276.6	286	Intensely fragmented unit with interchanging beds of black phyllite, grey silt and dark grey sandstone as well as zones of broad (partiall fragmented) massive quartz veining.	MT-Phy		30.0%	n			fr	2
276.6	286	Intensely fragmented unit with interchanging beds of black phyllite, grey silt and dark grey sandstone as well as zones of broad (partiall fragmented) massive quartz veining.	MT-SS	fgr	40.0%	gy	qtz	95	fr	2

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4.5	47.8	orange-brown rust-staining along open and healed fractures in foliated phyllite unit	LIM	1	frac	o
10.6	14.2	2-3 occurrences of fragmented, 5-10cm thick, vuggy quartz-chlorite veining	chl	1	vn	g
47.8	53.1	gouged and fragmented zone with orange-brown rust coating and staining; 20-35TCA open and healed fractures predominate [fractures are foliation discordant]	LIM	3	gouge	o
53.1	70.6	orange-brown rust-staining along open and healed fractures in foliated phyllite unit	LIM	1	frac	o
69.5	70	multiple, parallel quartz-chlorite veins with ingested phyllite seams; subconcordant to phyllite foliation	chl	2	vn	g
70.6	107.44	white clay (?) alteration of feldspar clasts -- frequently rust-stained	cy	1	smgr	w
70.6	80.4	greenish, pervasive hue in sandsetone	chl	1	perv	g
70.6	80.4	Orange-brown rust staining throughout sandstone unit along open and healed fractures, within quartz veining. Rust stain overprint on (clay?) alteration of feldspars. Where rust-staining is less intense - sandstone has greenish hue. Unit contains a fault emplaced phyllite bed from 77.43m-78.50m.	LIM	2	perv	o
80.4	90.2	Orange-brown rust staining throughout intensely fragmented, granule size conglomerate unit along open and healed fractures, within quartz veining. Rust stain overprint on (clay?) alteration of feldspars.	LIM	3	perv	o
90.2	91.8	intensely rust-stained, fragmented and poorly recovered interval: ~50% crushed, gritty, sandy clay covered fragments	LIM	4	gouge	o
91.8	92.3	Orange-brown rust staining throughout intensely fragmented, granule size conglomerate unit along open and healed fractures, within quartz veining. Rust stain overprint on (clay?) alteration of feldspars.	LIM	3	perv	o

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
92.3	107.44	Orange-brown rust staining throughout intensely fragmented, granule size conglomerate unit along open and healed fractures, within quartz veining. Rust stain overprint on (clay?) alteration of feldspars. Broad massive quartz vein have a yellow-orange hue due to rust-staining.	LIM	2	perv	o
107.44	108.55	buff-crème iron-carbonate patches in quartz vein fragments within phyllite portion of zone of brittle deformation	fecb	2	vn	bf
107.44	134.4	orange-brown coating in open and healed fractures	LIM	1	frac	o
110.85	116.5	buff-crème iron-carbonate patches in quartz vein fragments within phyllite portion of zone of brittle deformation	fecb	2	vn	bf
116.5	117.8	rust-staining along fragments in brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfide grainsize ~0.5mm	LIM	2	frac	o
134.4	142.1	white clay alteration of feldspar clasts	cy	1	smgr	w
134.4	138	orange-brown rust-coating along gritty sandy clay coated, rough, undulated low core angle fractures	LIM	1	frac	o
143.7	168.54	buff-crème iron carbonate patches within quartz veining	fecb	2	vn	bf
143.7	150.6	white clay alteration of feldspar clasts	cy	1	smgr	w
147.5	155.5	orange-brown rust-staining along healed and open fractres and withing quartz veining.	LIM	1	frac	o
150.6	168.54	buff-crème alteration of feldspar clasts in sandstone-conglomerate sequences	fecb	1	smgr	bf
155.5	163.2	intense orange-brown rust-staining on feldspar clasts and along frequent rough 30-50TCA fracture surfaces and and along vein boundaries	LIM	3	perv	o
169.9	170.1	rust-stained gouge wedge concordant to phyllite compositional bedding cleavage	LIM	2	gouge	o
172.1	183.43	intensely fractured and partially crushed and rubbled interval with orange-brown rust-staining throughout [sandstone matrix]	LIM	4	frac	o
172.1	183.53	white clay alteration of feldspar clasts -- frequently overprinted by rust-staining	cy	1	smgr	w
181.2	183.53	red-brown hematite staining along multiple fracture seams at lithological contact	hem	2	frac	r
183.53	190.2	grey-greenish hue in fine-grained sandstone interbedding within phyllite-sand/silt sequence	chl	1	perv	g
183.53	197.7	white clay alteration of feldspar clasts in fine-grained sandstone interbedding	cy	1	smgr	w
189.3	190.2	green chlorite patches in deformed, non planar quartz veining	chl	3	vn	g
189.3	190.2	buff-crème iron-carbonate patches in deformed, non planar quartz veining	fecb	3	vn	bf
196.9	197.7	buff-crème iron carbonate patches in densely veined, fragmented interval with white clay (?) coating on fragments	fecb	3	vn	bf
204.4	226	Black graphitc phyllite with localized intervals of concentrated deformed, pyrite mineralized, iron-carbonate altered quartz veining that concur with partial gouging.	fecb	2	vn	bf
226.5	240.8	grey pervasive, partially texturally destructive silicification in sandstone; dissolution of quartz grain boundaries; feldspar clatss preserved at ~5%	SIL	1	perv	gy
226.5	240.8	white clay alteation of feldspar clasts in sandstone	cy	2	smgr	w
272.1	276.6	buff-crème iron-carbonate wedges in quartz veining in proximity to fault zone	fecb	2	vn	bf
276.6	286	weak, texturally destructive (grainboundary dissolution) silicification of sandstone interbedding in brittle fault zone	SIL	2	perv	gy
276.6	286	buff-crème iron carbonate seams throughout interval [brittle fault zone]	fecb	2	vn	bf

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
13	14.2	FZ	200.0%	BFZ	poorly recovered interval with intensely friable, crushed phyllite and quartz vein fragments
48.4	53.1	FZ	200.0%	BFZ	gouged and fragmented zone with orange-brown rust coating and staining; 20-35TCA open and healed fractures predominate [fractures are foliation discordant]
61.6	62	FZ	300.0%	BFZ	poorly recovered gouge fault + friable, crushed fragment; upper fault contact 65TCA; lower fault contact 25TCA
64.07	65	FZ	300.0%	BFZ	poorly recovered gouge fault; lower contact is fragmented; upper contact in form of poorly bound angular fragments within clay matrix emplaced in phyllite along 15TCA [cataclasite]
81.1	82.8	QZVN	200.0%	BFZ	high density of broad, massive, 10-30cm thick quartz veining at lithological contact. Quartz veining marks the top of a highly fragmented and partially friable interval from 81.10m-92.30m.
90.2	91.8	FZ	300.0%	BFZ	intensely rust-stained, fragmented and poorly recovered interval: ~50% crushed, gritty, sandy clay covered fragments
94.2	94.6	FZ	400.0%	BFZ	MINERALIZING FAULT: Intensely gouged and chloritized, partially recovered phyllite interbed wedge inserted concordant to phyllite compositional bedding cleavage. Influx of pyrite and arsenopyrite (and occasssionally galena) begins below this fault.
107.44	116.5	FZ	400.0%	BFZ	Fault Zone that marks lithological contact between sandstone-conglomerate sequence (above) and phyllite unit below. Zone is intensely mineralized and contains a subinterval of quartz vein breccia with phyllite clay - pyrite - arsenopyrite matrix. Crushed and gouged throughout with occassionally competent sequences in phyllite.
108.5	110.85	QZVN	400.0%	bx	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfied grainsize ~0.5mm; partially crushed
116.5	117.8	QZVN	400.0%	bx	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfide grainsize ~0.5mm; partially fragmented
134.4	157.5	QZVN	300.0%	SHTV	generally <2cm thick, densely spaced, 0-20TCA, parallel quartz veins with sulfide mineralization withing veining and as veinboundary/wallrock mineralization
137.4	138	FZ	100.0%	BFZ	orange-brown rust-coating along gritty sandy clay coated, rough, undulated low core angle fractures with partially softened, crushed fragments
142.1	143.7	QZVN	400.0%	MASS	Massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]
168.54	170.1	FZ	300.0%	BFZ	multiple foliation concordant gouge wedges in phyllite unit
172.1	178.5	FZ	300.0%	BFZ	intensely rust-stained interval dominated by rough, sandy clay coated fractures and ~70% intensely crushed, sandy clay coated fragments in sandstone unit
196.9	198	QZVN	200.0%	SHTV	Multiple, densely spaced, 50TCA quartz veins in fragmented interval with white clay (?) coating on fragments and buff iron-carbonate patches in veining. Interval marks lithological contact into graphitic phyllite unit below.
226	231.25	FZ	300.0%	BFZ	Brittle fault across lithological boundary bewteen phyllite (above) and weakly silicified sandstone (below): phyllite clay gouge and softened, crushed, gritty sandstone fragments
226.5	226.9	QZVN	400.0%	BFZ	Fragmented quartz vein within fault zone that crosses lithological contact: contains both pyrite and arsenopyrite -- sometimes as small intergrowth clusters Veining also contains thin, wispy phyllite inclusions.
234.77	237	FZ	200.0%	BFZ	Brittle fault in weakly silicified sandstone: intensely fractured interval with ~40% gritty sand coated crush fragments
260.35	260.4	FZ	300.0%	BFZ	locally gouged core
264.3	264.3	FZ	300.0%	BFZ	phyllite-chlorite gouge wedge emplaced at 50TCA
276.6	286	FZ	200.0%	BFZ	blocky, intensely fragmented, partially friable and with sandy clay coating on fragments

Mineralisation

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-028	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
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From:	To:	Comments	Mineral	Percent	Distribution
65.5	66	fine-grained dissemianted pyrite in silt interbedding	py	0.1	diss
70.6	78.5	trace, very fine-grained disseminated pyrite in chloritized and rust-stained sandstone	py	0.01	diss
78.5	80.46	disseminated pyrite and blebs associated with vein boudins in fine-grained, rust-stained sandstone and faulted, lithological contact	py	0.1	vn
80.46	94.6	disseminated pyrite and blebs associated with vein boudins in fine-grained, rust-stained sandstone and faulted, lithological contact	py	0.1	vn
94.6	103.5	variable orienation veinlets with occassional small sulfide blebs in veining and very fine-grained dissemianted sulfides as wall rock mineralization	py	0.4	vn
94.6	103.5	variable orienation veinlets with occassional small sulfide blebs in veining and very fine-grained dissemianted sulfides as wall rock mineralization	asp	0.1	vn
94.6	99.5	variable orienation veinlets with occassional small sulfide blebs in veining and very fine-grained dissemianted sulfides as wall rock mineralization	gn	0.01	vn
103.5	107.44	variable orienation veinlets with occassional small sulfide blebs in veining and very fine-grained dissemianted sulfides as wall rock mineralization -- pyritre is generally coarser grained than arsenopyrite	py	1	vn
103.5	107.44	variable orienation veinlets with occassional small sulfide blebs in veining and very fine-grained dissemianted sulfides as wall rock mineralization -- pyritre is generally coarser grained than arsenopyrite	asp	0.4	vn
104	104.5	galena bleb in semi-massive (~0.5m) white quartz vein	gn	0.2	vn
107.44	108.5	densely disseminated (0.5mm grains) in phyllite gouge	py	3	gouge
108.5	110.85	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfied grainsize ~0.5mm; partially crushed	py	4	vn
108.5	110.85	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfied grainsize ~0.5mm; partially crushed	asp	1	vn
110.85	116.5	densely disseminated (0.5mm grains) in phyllite gouge with occassional crushed quartz vein fragments	py	1	gouge
116.5	117.8	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfied grainsize ~0.5mm; partially fragmented	asp	0.3	vn
116.5	117.8	brecciated quartz veining with phyllite clay-pyrite-arsenopyrite matrix; sulfide grainsize ~0.5mm; partially fragmented	py	1	vn
129	131.1	30TCA quartz veinlets (some with angular phyllite clast inclusions) with diseminated sulfides	py	0.5	vn
129	131.1	30TCA quartz veinlets (some with angular phyllite clast inclusions) with diseminated sulfides	asp	0.1	vn
132	134.4	multiple, vuggy, 10-25TCA quartz-pyrite veinlets that intersect phyllite So at ~90 degrees	py	1.5	vn
132.5	142.1	lower coare angle quartz veining	asp	0.1	vn
134.4	138	fine grained vein wall rock mineralization aloong 0-15TCA veinlets in fragmented, rust-stained sandstone interval	py	0.4	vn
134.4	138	fine grained vein wall rock mineralization aloong 0-15TCA veinlets in fragmented, rust-stained sandstone interval	asp	0.1	vn
138	138.5	massive quartz vein with disseminated pyrite	py	0.1	vn
138	138.5	massive quartz vein with disseminated arsenopyrite	asp	0.1	vn
138.5	142.1	low core angle quartz veining	py	0.4	vn
142.1	143.7	Massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]	asp	0.01	vn
142.1	143.7	Massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]	py	0.01	vn
143.7	147.3	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	py	1	vn
143.7	147.3	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	asp	0.5	vn
147.3	147.6	fine-grained disseminated within phyllite interbedding	py	0.1	diss

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Plunge: 60 **Azimuth:** 270 **EOH:** 286

From:	To:	Comments	Mineral	Percent	Distribution
147.6	152	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	asp	0.5	vn
147.6	148.15	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	gn	0.1	vn
147.6	152	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	py	0.8	vn
152	155.1	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	asp	0.1	vn
152	155.1	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	py	1	vn
155.1	155.5	fine-grained disseminated within phyllite interbedding	py	0.1	vn
155.5	160	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	py	0.5	vn
155.5	160	Sulfide mineralized by low core angle (0-20TCA) sheeted quartz veining in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. [see point structures] Aresenopyrite is generally very fine grained (<0.5mm diameter).	asp	0.2	vn
160	165	fine-grained sulfide mineralization in fractured interval with occassional low core angle quartz vein wallrock mineralization	py	0.1	vn
165	168.54	pyrite cluster mineralization along vein boundaries & within veining with clear cross-cutting relationship + fine-grained wallrock mineralization	py	0.4	vn
168.54	172.1	Several, <1cm thick, pyrite mineralized, 10-30TCA, foliation discordant quartz veinlets in phyllite-silt sequence.	py	0.1	vn
172.1	183.54	fine-grained disseminated pyrite in vuggy 20-30TCA quartz veining	py	0.1	vn
177.3	177	grey granular coating in crush vein fragment	cc	0.01	vn
177.3	177	blue grey coating on crush vein fragment	mo	0.01	vn
183.53	189.3	trace, very fine-grained disseminate pyrite in phyllite-silt-sand sequence	py	0.1	diss
189.3	190.2	small clusters in densely spaced, deformed, non-planar quartz-chl-fecb veining in phyllite-sand sequence	py	0.4	vn
189.3	190.2	singular, very fine grains in densely spaced, deformed, non-planar quartz-chl-fecb veining in phyllite-sand sequence	asp	0.01	vn
190.2	196.9	trace, very fine-grained disseminate pyrite in phyllite-silt-sand sequence	py	0.01	diss
196.9	197.7	disseminated pyrite (~0.5mm) in multiple, densely spaced, 50TCA quartz veins in fragmented interval with white clay (?) coating on fragments and buff iron-carbonate patches in veining. Interval marks lithological contact into graphitic phyllite unit below.	py	0.2	vn
197.7	204.4	trace fine-grained disseminated pyrite in graphitic phyllite sequence	py	0.01	diss
204.4	208.25	Black graphitc phyllite with localized intervals of concentrated deformed, pyrite mineralized, iron-carbonate altered quartz veining that concur with partial gouging.	py	0.5	vn
208.25	216.5	disseminated pyrite in groups of variable orientation sheeted quartz veinlets [see point structures]	py	0.3	vn
216.5	222	disseminated pyrite in groups of variable orientation sheeted quartz veinlets in graphitic phyllite[see point structures]	py	0.2	vn
222	226	disseminated pyrite in deformed, variable orienation quartz-iron-carbonate veinlets in graphitic phyllite with multiple micro fold profiles	py	1	vn

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From:	To:	Comments	Mineral	Percent	Distribution
226	226.5	fine-grained disseminated pyrite in phyllite gouge with quartz vein fragments	py	0.5	gouge
226.5	226.9	Fragmented quartz vein within fault zone that crosses lithological contact: contains both pyrite and arsenopyrite -- sometimes as small intergrowth clusters Veining also contains thin, wispy phyllite inclusions.	py	3	vn
226.5	226.9	Fragmented quartz vein within fault zone that crosses lithological contact: contains both pyrite and arsenopyrite -- sometimes as small intergrowth clusters Veining also contains thin, wispy phyllite inclusions.	asp	2	vn
226.9	229.1	disseminated (0.5mm diameter) pyrite grains in quartz veinlts within intensely fragmented, weakly silicified sandstone [brittle fault deformation]	py	1	vn
226.9	229.1	disseminated (0.5mm diameter) arsenopyrite grains in quartz veinlets within intensely fragmented, weakly silicified sandstone [brittle fault deformation] several, euhedral, striated, triangular crystal faces	asp	0.3	vn
229.1	234.77	occassional (0.5-1mm diameter) pyrite grains withing vuggy 30-50TCA quartz veining in fragmented, weakly silicified sandstone	py	0.1	vn
234.77	237.5	trace fine-grained disseminated pyrite in quartz veining in fragmented and crushed weakly silicified sandstone	py	0.01	vn
237.35	240.8	trace pyrite withing vuggy quartz veining in weakly silicified sandstone [see point structures]	py	0.01	vn
240.8	243.1	disseminated pyrite in vuggy veining in phyllite interbedding in lithological contact zone: phyllite sandstone contacts are concordant to phyllite compositional bedding cleavage, but cut off low core angle veining in sandstone beds	py	0.2	vn
243.31	248.18	0.5-1mm diameter disseminated pyrite in in vuggy, 30-50TCA quartz veining in phyllite in lithological contact zone	py	0.5	vn
272.1	272.4	pyrite clusters in foliation concordant quartz-iron-carbonate veinlets in phyllite	py	10	vn
276.6	277.1	disseminated pyrite in axial plane quartz-iron-carbonate veining	py	2	vn
283.4	285.1	fine-grained disseminated pyrite in silicified sandstone fragments with quartz veining	py	0.1	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
9.3	Bedding		So			50			compositional bedding cleavage in phyllite
9.5	Axial Plane		Fx			80			axial plane of ~3cm amplitude, closed fold profile
10	Bedding		So			45			compositional bedding cleavage in phyllite
10.6	Faults			LIM	Gouge	80			rust-stained, 10cm thick gouge wedge along jagged highe core angle breakes within phyllite unit
10.7	Faults			chl	Veinlets	90			10cm thick, quartz-chlorite vein that bounds rust-stained gouge wedge at upper contact
12.2	Bedding		So			55			compositional bedding cleavage in phyllite
15	Bedding		So			50			compositional bedding cleavage in phyllite
17	Bedding		So			50			compositional bedding cleavage in phyllite
18	Bedding		So			50			compositional bedding cleavage in phyllite
18.3	Veins				FOL	50			2 vuggy, <1cm thick, foliation concordant quartz veinlets in phyllite
20.8	Bedding		So			50			compositional bedding cleavage in phyllite
23.3	Bedding		So			45			compositional bedding cleavage in phyllite
25.6	Bedding		So			40			compositional bedding cleavage in phyllite
26.2	Cleavage		S1			55			in phyllite
26.7	Bedding		So			40			compositional bedding cleavage in phyllite

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
27	Bedding		So			40			compositional bedding cleavage in phyllite
29.4	Bedding		So			45			compositional bedding cleavage in phyllite
29.5	Veins			chl	FOL	48			2 closely spaced, vuggy 1-3cm thick quartz chlorite veinlets in phyllite
32.3	Bedding		So			40			compositional bedding cleavage in phyllite
35.3	Bedding		So			40			compositional bedding cleavage in phyllite
37.3	Bedding		So			40			compositional bedding cleavage in phyllite
39	Bedding		So			40			compositional bedding cleavage in phyllite
40.5	Faults			LIM	Gouge	90			rust-stained, 10cm thick gouge wedge along jagged highe core angle breakes within phyllite unit
42	Bedding		So			40			compositional bedding cleavage in phyllite
44.5	Bedding		So			40			compositional bedding cleavage in phyllite
46.5	Bedding		So			40			compositional bedding cleavage in phyllite-silt sequence
48	Bedding		So	LIM		10			compositional bedding cleavage in phyllite-silt sequence
48.2	Axial Plane		Fx						low amplitude cink fold profiles
49.1	Joints			LIM	Gouge	20			multipe undulated, gouge coated and rustained low core angle fractures in brittle zone of deformation [discordant to foliation]
49.3	Veins			LIM	Veinlets	45			multiple, rust stained quartz seams discordant to So in phyllite-silt sequence
49.5	Bedding		So	LIM		25			compositional bedding cleavage in phyllite-silt sequence
50.5	Bedding		So	LIM		30			compositional bedding cleavage in phyllite-silt sequence
50.5	Joints			LIM	Gouge	10			multipe undulated, gouge coated and rustained low core angle fractures in brittle zone of deformation [discordant to foliation]
51.8	Bedding		So	LIM		0			compositional bedding cleavage in phyllite-silt sequence
52	Bedding		So	LIM		0			compositional bedding cleavage in phyllite-silt sequence
53.1	Faults			LIM	Gouge	65			gouge coating along high core angle; acut intersection angle with So in phyllite = ~55 degrees
53.15	Bedding		So	LIM		20			compositional bedding cleavage in phyllite-silt sequence
55	Bedding		So			25			compositional bedding cleavage in phyllite-silt sequence
57	Bedding		So			25			compositional bedding cleavage in phyllite-silt sequence
58	Bedding		So			15			compositional bedding cleavage in phyllite-silt sequence
59.8	Bedding		So			20			compositional bedding cleavage in phyllite-silt sequence
61.6	Faults				Gouge	60			upper contact of poorly recovered fault [61.60-62.00m]
62	Faults				Gouge	25			lower contact of poorly recovered fault [61.60-62.00m]
63.5	Bedding					15			compositional bedding cleavage in phyllite
64.07	Faults				Gouge	15			angular phyllite fragments in poorly bound clay matrix emplaced in phyllite at 15TCA
64.3	Veins			LIM	Veinlets	30			repeated, rusty quartz seams that intersect So at an acute angle of ~45 degrees
65.6	Bedding		So			20			compositional bedding cleavage in phyllite
67.5	Bedding		So			25			compositional bedding cleavage in phyllite-silt ssequence
69	Bedding		So			30			compositional bedding cleavage in phyllite-silt sequence
69.5	Veins			chl	SHTV	45			multiple, parallel quartz-chlorite veins with ingested phyllite seams; subconcordant to phyllite foliation
70	Bedding		So			40			compositional bedding cleavage in phyllite-silt sequence
70.6	Contact				FOL	40			Lithological contact with phyllite above and sandstone below; contact is hard and competent and concordant to phyllite compositional bedding cleavage So

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
71	Cleavage		Sx			60			alignment of rusty, partially penetrative seams in sandstone at ~1cm spacing
74.2	Veins				SHTV	70			densely spaced, slightly undulated, ~1cm thick quartz veinlets
75.4	Veins					10			vuggy, ~2cm thick, undulated quartz veinlet subparallel to core axis
75.4	Bedding		So			68			alignment of rusty, partially penetrative seams in sandstone at ~1cm spacing
77.43	Contact				FOL	30			contact between coarse grained sandstone (above) and friable, partially gouged phyllite (below)
78	Faults				Gouge	25			gouge wedge along So foliation in phyllite
78.3	Bedding		So			25			compositional bedding cleavage in partially gouged phyllite
78.5	Contact				FOL	25			contact between phyllite (above) and fine-gained sandstone below
79.3	Cleavage		Sx			70			alignment of rusty, partially penetrative seams in sandstone at ~1cm spacing
79.4	Veins			py		35			disseminated pyrite and blebs associated with vein boudins in fine-grained, rust-stained sandstone and faulted, lithological contact
81.3	Veins			LIM	SHTV	60			several massive, rust-stained quartz veinis with small vugs and chloritic rockmatrix inclusions
82.5	Veins				SHTV	55			densely spaced subparallel quartz veining
84.5	Bedding		So	LIM		35			rust-stained compositional bedding cleavage in fragmented, ~ 40cm wide phyllite interbed
87.8	Veins		V2		Veinlets	60			cuts off V1
87.8	Veins		V1		Veinlets	30			cut off by V2
88.5	Veins				Veinlets	10			vuggy undulated, ~4cm thick, low core agnle quartz veinlet
89.2	Veins			fecb		60			vuggy, ~3cm thick quartz veinlets with buff-crème iron-carbonate wedges and somewhat diffuse vein boundaries
92.3	Bedding		So	chl	Gouge	30			intensely gouged and chloritized, ~10cm thick phyllite interbed wedge inserted concordant to phyllite compositional bedding cleavage
92.3	Faults			chl	Gouge	30			intensely gouged and chloritized, ~10cm thick phyllite interbed wedge inserted concordant to phyllite compositional bedding cleavage
94.2	Faults			chl	Gouge				mineralizing fault: intensely gouged and chloritized, partially recovered phyllite interbed wedge inserted concordant to phyllite compositional bedding cleavage
94.6	Veins			py		60			pyrite mineralized vein orientation
96.3	Veins			LIM	Veinlets	50			vein orienation in densely veined, sulfide mineralized unit
96.7	Veins			LIM	Veinlets	40			vein orienation in densely veined, sulfide mineralized unit
98.2	Veins			LIM	Veinlets	20			undulated vein orienation in densely veined, sulfide mineralized unit
100	Veins			py	Veinlets	40			intensely pyrite mineralized vein orienation in densely veined, sulfide mineralized unit
100.4	Veins			LIM	Veinlets	20			vein orienation in densely veined, sulfide mineralized unit
101.2	Veins		V1	LIM	Veinlets	60			V1 is off-set by V2
101.2	Veins		V2	LIM	Veinlets	20			V2 off-sets V1
101.2	Veins		V3	LIM	Veinlets	30			V3 cross-cuts V2
102.95	Veins		V2	py		30			intensely pyrite mineralized vein orienation
102.95	Veins		V3	LIM		40			complex vein cross-cutting
102.95	Veins		V1	LIM		20			comlex vein cross-cutting
103.55	Veins			asp		40			multiply folded veinlet with arsenopyrite bleb
103.9	Veins			py		60			pyrite mineralized vein orienation
104	Veins			py	MASS				semi-massive, ~50cm thick vein orienation

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
104.7	Veins			py		55			sulfided mineralized vein orientation
106.7	Veins			fecb		30			vuggy, iron-carbonate altered veinlet
107	Veins			asp		10			arsenopyrite-wallrock-vein boundary mineralization
107.38	Veins			asp	SHTV	50			multipe vuggy, sulfide mineralized, densely spaced veinlets
107.44	Faults				Gouge	90			lithological and structural contact; sandstone above and phyllite gouge below
107.44	Contact				Gouge	90			lithological and structural contact; sandstone above and phyllite gouge below
112.5	Bedding		So			40			compositional bedding cleavage in phyllite
114.5	Bedding		So			38			compositional bedding cleavage in phyllite
116.5	Contact				QBX	70			upper contact of brecciated quartz vein with phyllite clay - pyrite -arsenopyrite matrix
117.8	Contact				QBX	70			lower contact of brecciated quartz vein with phyllite clay - pyrite -arsenopyrite matrix
118.5	Bedding		So			60			compositional bedding cleavage in phyllite
120	Bedding		So			55			compositional bedding cleavage in phyllite
123	Bedding		So			60			compositional bedding cleavage in phyllite
123.05	Veins			py		60			2cm thick, pyrite mineralized quartz veinlets that intersects phyllite So at an acute angle of ~55 degrees
125.1	Veins			py	bx matrix	60			foliation discordant quartz veinlets with angular phyllite clast inclusions
125.1	Faults			LIM	Gouge	30			rusty, ~4cm thick gouge wedge
126	Bedding		So			60			compositional bedding cleavage in phyllite
129	Bedding		So			70			compositional bedding cleavage in phyllite
129.35	Veins			py	Gouge	35			rust-stained gouge coated, pyrite mineralized quartz vein that intersects So at 90 degrees.
129.5	Bedding		So			70			compositional bedding cleavage in phyllite
129.5	Veins				Veinlets	30			multple thin, pyrite mineralized quartz seams that intersect So at an acute angle of ~70 degrees
132	Veins			py		20			pyrite & arsenopyrite mineralized, vuggy quartz vein in phyllite; intersects at an acute angle of ~80 degrees
132	Bedding		So			70			compositional bedding cleavage in phyllite
134	Bedding		So			70			compositional bedding cleavage in phyllite
134	Veins			py	Veinlets	15			massive pyrite stringer veinlets that intersect So at acute angle of 85 degrees
134.4	Faults				Gouge	65			gouged contact between phyllite (above) and sandstone(below)
134.4	Contact				Gouge	65			gouged contact between phyllite (above) and sandstone(below)
135	Joints			LIM	Clay	20			undulated, rough, rust-stained, gritty sandy clay coated fractures at in lower proximinty of lithological contact
136	Veins			py	SHTV	10			fine-grained pyrite-arsenopyrite wallrock mineralization in undulated, vuggy, low core angle quartz veining
137.5	Veins			asp	SHTV	10			fine-grained pyrite-arsenopyrite wallrock mineralization in undulated, vuggy, low core angle quartz veining
138	Veins			asp	MASS	10			fine-grained pyrite-arsenopyrite wallrock mineralization in undulated, vuggy, low core angle, massive (50cm) quartz vein
138.4	Veins			py	SHTV	20			pyrite mineralized, densely spaced, parallel, vuggy veinlets
139.5	Veins			asp	QBX	30			arsenopyrite & pyrite mineralized quartz veining with angular phyllite clast inclusions; lower contact is rust-stained and at 30TCA.
141	Veins			asp	SZB	5			shear zone boundary of mineralzed tension vein array

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
141	Veins			asp	TVA	25			Sulfide mineralized tension vein array in form of vein boundary and vein wallrock mineralization. Also occassional grains and rare clusters within veining. Aresenopyrite is very fine grained (<0.5mm diameter).
142.1	Veins			asp	MASS	40			upper contact of massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]
143.7	Veins			asp	MASS	40			lower contact of massive, white quartz vein with small (1mm diameter) sulfide grains within vein and sulfide clusters along 40TCA vein boundaries. [both pyrite and arsenopyrite mineralized]
144.4	Veins			py	SHTV	20			disseminated pyrite in veining and pyrite-arsenopyrite wallrock/vein boundary mineralization
145	Veins			asp	SHTV	0			densely spaced, diffuse, partially penetrative quartz seams with fine-grained sulfide wallrock mineralization
146	Veins			aps	SHTV	20			densely spaced, partially penetrative quartz seams with fine-grained sulfide wallrock mineralization along vein boundaries
147.3	Contact				FOL	90			upper contact of fragmented phyllite interbed concordant to phyllite compositional bedding cleavage
147.4	Faults				Gouge	90			5cm gouge wedge in phyllite interbed and concordant to So in phyllite
147.5	Veins			fecb	TVA	20			multiple, pyrite mineralized , buff-crème, partially penetrative veinlets that intersect phyllite So at an acute angle of ~70 degrees.
147.85	Veins		V1	asp	SHTV	20			sulfide wallrock mineralization with 2 generational sets of 20TCA quartz veining that intersect each other at an acute angle of ~30 degrees
147.85	Veins		V2	py	SHTV	20			sulfide wallrock mineralization with 2 generational sets of 20TCA quartz veining that intersect each other at an acute angle of ~30 degrees
150	Veins				MASS				massive, ~60cm thick quartz vein with fragmented contacts and a wallrock wedge inclusion that is aligned at ~15TCA
150.7	Veins		V1	fecb	SHTV	20			sulfide mineralized vein orienation; cross-cut by V2
150.8	Veins		V2	py	SHTV	40			sulfide mineralized vein orienation; cross-cuts V1
152.7	Veins			py		0			undulated, pyrite cluster mineralized vein orientation
155.1	Contact			LIM	FOL	90			Singular occurrence of phyllite interbedding within conglomerate-sandstone unit from 155.10m-155.50m with upper and lower contact concordant to phyllite compositional bedding cleavage. Phyllite interbed is rust-stained and partially gouged.
155.1	Contact			LIM	Gouge	90			Singular occurrence of phyllite interbedding within conglomerate-sandstone unit from 155.10m-155.50m with upper and lower contact concordant to phyllite compositional bedding cleavage. Phyllite interbed is rust-stained and partially gouged.
155.1	Bedding		So			90			compositional bedding cleavage in phyllite interbed
155.1	Contact				FOL	90			upper contact of phyllite interbed concordant to phyllite compositional bedding cleavage
155.12	Faults				Gouge	90			gouge seam along phyllite compositional bedding cleavage
155.3	Bedding		So	LIM		90			compositional bedding cleavage in ~40cm thick phyllite interbed
155.6	Veins			fecb	SHTV	20			densely spaced, iron-carbonate altered veinlets with pyrite wallrock mineralzation
159.4	Veins				SHTV	30			multiple diffuse vein seams in sandstone
160.8	Joints			LIM	Clay	45			rusty, rough sandy clay coated fractures
161	Veins				SHTV	30			2 syn-deformational vein sets that intersect one another at an acute angle of ~20 degrees
161	Veins				SHTV	30			2 syn-deformational vein sets that intersect one another at an acute angle of ~20 degrees
161.3	Joints			LIM	Clay	30			rusty, rough sandy clay coated fractures
163.6	Contact					60			graphite coated phyllite seam in sandstone

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
165.4	Bedding		So			50			compositional bedding cleavage in phyllite-silt sequence
165.5	Cleavage		Sx			15			wispy grey-green, partially penetrative, 2cm wide spaced aligned seams in sandstone
167	Veins		V1	py	SHTV	30			pyrite cluster mineralization along vein boundaries & withing veining with clear cross-cutting relationship
167	Veins		V2	py	SHTV	5			pyrite cluster mineralization along vein boundaries & within veining with clear cross-cutting relationship
168	Veins				SHTV	40			densely spaced parallel veinlets
168.54	Contact				Gouge	50			phyllite gouge at lithological contact [sandstone above; phyllite below]
168.54	Faults				Gouge	50			phyllite gouge at lithological contact [sandstone above; phyllite below]
168.7	Veins			py	SHTV	25			multiple pyrite mineralized veinlets that intersect phyllite compositional bedding cleavage at an acute angle of ~20 degrees
168.7	Bedding		So			80			compositional bedding cleavage in phyllite-silt sequence
168.9	Faults			LIM	Gouge	90			foliation concordant, rust-stained and pyrite mineralized gouge in phyllite-silt sequence
168.9	Faults			LIM	FOL	90			foliation concordant, rust-stained and pyrite mineralized gouge in phyllite-silt sequence
170.3	Bedding		So			70			compositional bedding cleavage in phyllite-silt sequence
171.9	Veins			py	SHTV	20			multiple, densely spaced, pyrite mineralized veinlets that intersect Phyllite So at an acute angle of ~70degrees
171.9	Bedding		So			70			compositional bedding cleavage in phyllite-silt sequence
172.1	Contact				FOL	70			lithological contact with sandstone above and phyllite below concordant to phyllite compositional bedding cleavage [hard & competent]
174	Joints			LIM	Gouge	30			sandy clay and rust-staineing laong densely spaced fractures; high degree of fragmentation
177.5	Veins			chl	Gouge				~50cm of partially recoverd crushed, fragmented quart veining with grey chloritic coating along fragments and some fragments with possible chalcocite and/or molybdenite coating
178.8	Veins			gn	Veinlets	30			rust-rimmed vein orienation with small galena bleb
179.6	Veins			py	SHTV	50			repeated vuggy, pyrite mineralized vein orienation
180.2	Veins		V2	py	SHTV	30			repeated vuggy, pyrite mineralized vein orienation
180.2	Veins		V1	py	Veinlets	10			not mineralized and cross-cut by V2
181.8	Veins			py	SHTV	30			repeated, pyrite mineralized, vuggy vein orienation
182.6	Joints			hem	Clay	40			multiple, hematite-clay coated healed fractures near lithological contact
183.53	Contact				FOL	60			contact between coarse-grained sandstone (above) and phyllite (below) concordant to phyllite compositional bedding cleavage
183.6	Bedding		So	LIM		60			compositional bedding cleavage in phyllite
185.8	Bedding		So			60			compositional bedding cleavage in phyllite
187.6	Contact				Gouge	60			multiple thin clay gouge seams along phyllite compositional bedding cleavage
187.7	Veins			chl	FOL	60			chloritic, foliation concordant seams/veinlets
188.13	Cleavage				Gouge	60			friable fragments along phyllite compositional bedding cleavage
188.7	Cleavage		S1			50			S1 & So intersect at an acute angle of ~40degrees
188.7	Bedding		So			70			S1 & So intersect at an acute angle of ~40degrees
189.3	Bedding		So			80			compositional bedding cleavage in phyllite
189.4	Veins			py	AXP	70			multiple, quartz-iron-carbonate-chlorite veinlets that are axial planar parallel to small, tightly folded cink fold profile

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
189.46	Axial Plane		Fx			70			tightly folded, ~5cm amplitude profile in phyllite; interlimb angle ~50 degrees
189.7	Veins			py	SHTV	30			pyrite mineralized, repeated vein orienation
190.2	Bedding		So			50			compositional bedding cleavage in phyllite interbed
192.8	Veins			chl	Veinlets	50			densely spaced, thin, quartz-chlorite-pyrite seams
192.84	Veins			chl	Clay	40			clay coated, ~2m thick quartz-chlorite veinlet
193	Bedding		So			60			compositional bedding cleavage in phyllite interbed
193.4	Bedding		So			55			compositional bedding cleavage in phyllite interbed
195	Veins			chl		25			pyrite, mineralized, ~2cm thick, quartz chlorite veinlet
196.1	Veins			fecb	Veinlets	40			repeated, buff-crème, parallel vein seams in sandstone sequence [seams are not always fully penetrative]
196.9	Veins			fecb	SHTV	50			partially fragmented, pyrite mineralized, parallel 50TCA quartz veins in zone that marks transition into graphitic phyllite unit below
198.9	Bedding		So			58			compositional bedding cleavage in phyllite interbed
200.5	Bedding		So			60			phyllite compositional bedding cleavage
202	Bedding		So			60			phyllite compositional bedding cleavage
204.3	Bedding		So			80			phyllite compositional bedding cleavage
204.4	Veins			py	bx matrix	20			angular phyllite clast within ~3cm thick, pyrite mineralized veins that intersects So at an acute angle of ~20 degrees
204.45	Bedding		So			90			phyllite compositional bedding cleavage
204.7	Bedding		So			60			phyllite compositional bedding cleavage
204.9	Veins			py	FOL	60			multiple deformed, pyrite mineralized veins that trend foliation concordant and contain angular phyllite clasts
207	Bedding		So			70			phyllite compositional bedding cleavage
207.4	Veins				SHTV	40			densely spaced, parallel quartz veinlets in partially gouged zone in graphitic phyllite
208.1	Veins		V1	fecb		45			
208.1	Veins		V2	fecb		20			
210	Bedding		So			50			phyllite compositional bedding cleavage
210.5	Bedding		So			55			phyllite compositional bedding cleavage
210.5	Veins			py	SHTV	70			multiple partially penetrative (boudinaged?) pyrite mineralized, parallel veinlets over ~0.5m interval that intersect So at an acute angle of ~70 degrees
213	Cleavage		So		Gouge	60			gouge seams along compositional bedding cleavage in graphitic phyllite
215	Bedding		So			50			phyllite compositional bedding cleavage
215.7	Bedding		So			35			phyllite compositional bedding cleavage
215.7	Veins			chl	Veinlets	90			partially penetrative, repeated, parallel chlorite seams
216	Axial Plane		Fx			60			~0.5cm amplitude, open cink fold profiles (parasitic)
216	Bedding		So			0			~0.5cm amplitude, open cink fold profiles (parasitic)
216.13	Axial Plane		Fx	py		60			tightly folded partially penetrative pyrite cluster [AXP of pyrite is parallel to AXP at 216m]
216.5	Bedding		So			70			phyllite compositional bedding cleavage
216.5	Veins			fecb	Veinlets	60			intersect So at an acute angle of ~50 degrees
216.7	Veins			py	SHTV	60			densely spaced veinlets that intersect at So at 90 degrees

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
216.7	Bedding		So			60			phyllite compositional bedding cleavage
216.8	Faults				Gouge	55			graphitic gouge along 55TCA (~3cm thick)
217.3	Bedding		So			45			phyllite compositional bedding cleavage
218.5	Bedding		So			55			phyllite compositional bedding cleavage
218.6	Veins		V1	py	SHTV	15			V1 intersects So at an acute angle of 60 degree
218.6	Veins		V2			55			V1 intersect V2 at an acute angle of 40 degrees
221.5	Veins			py	SHTV	20			intersect So at an acute angle of 60 degrees
221.5	Bedding		So			43			phyllite compositional bedding cleavage
223.2	Veins			fecb	FOL	35			foliation concordant, pyrite mineralized quartz iron-carbonate veins
223.3	Axial Plane		Fx			40			multiple. <1cm amplitude, open cink profiles along foliation [AXP intersects So at an acute angle of ~60 degrees]
223.3	Bedding		So			35			phyllite compositional bedding cleavage
224.3	Axial Plane		Fx			38			multiple. <1cm amplitude, open cink profiles along foliation [AXP intersects So at an acute angle of ~60 degrees]
224.3	Bedding		So			25			multiple. <1cm amplitude, open cink profiles along foliation [AXP intersects So at an acute angle of ~60 degrees]
224.6	Bedding		So			35			phyllite compositional bedding cleavage
225.4	Bedding		So			90			phyllite compositional bedding cleavage
225.5	Axial Plane		Fx			90			tightly folded, cink fole with ~4cm amplitude
226	Faults			py	Gouge				disseminated pyrite in ~50cm phyllite gouge wedge with quartz vein fragments
226.6	Cleavage		Sx	asp	QBX	55			aligned dark wispy, sulfided mineralized seams in fragmented massive quartz vein
228.3	Veins			asp		25			arsenopyrite mineralized vein orientation -- measurement taken from fragment
229.1	Veins			asp		55			aresenopyrite mineralized veinlet orientation
230	Veins			py	Veinlets	30			pyrite mineralized vein orientation in weakly silicified sandstone
231.25	Veins			py	Veinlets	35			pyrite mineralized vein orientation in weakly silicified sandstone
231.7	Veins				Veinlets	50			repeatd veinlet orienatnation in silicified sandstone
233	Cleavage		Sx			60			dark diffuse, aligned semas at 1-3cm spacing in silicified sandstone matrix
233.8	Veins			fecb	Veinlets	30			repeatd buff-crème iron-carbonate seams
237.6	Veins				Veinlets	50			repeated veinlet orientation in weakly silicified sandstone
239.9	Veins			py	SHTV	50			repeated, pyrite mineralized vein orienation
240.8	Faults				FOL	80			contact between silicified sandstone (above) and phyllite (below) concordant to phyllite compositional bedding cleavage; contacts cuts off veining in sandstone
240.8	Contact				FOL	80			contact between silicified sandstone (above) and phyllite (below) concordant to phyllite compositional bedding cleavage; contacts cuts off veining in sandstone
240.9	Bedding		So			80			phyllite compositional bedding cleavage
241.95	Faults				Gouge	65			gouge seam concordant to phyllite compositional bedding cleavage at sandstone-phyllite interbed contact [veining in sanstone cut-off by fault]
241.95	Contact				FOL	65			gouge seam concordant to phyllite compositional bedding cleavage at sandstone-phyllite interbed contact [veining in sanstone cut-off by fault]
242.1	Veins			fecb	AXP	25			axial planar, sulfide mineralized veinlet (cink folding)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
243.5	Veins			py	FOL	50			vuggy, pyrite mineralzed veinlets concordant to compositional bedding cleavage in So; grey chlorite infilling in vugs
243.5	Bedding		So			50			phyllite compositional bedding cleavage
244.5	Bedding		So			60			phyllite compositional bedding cleavage
244.6	Axial Plane		Fx		FOL	60			tightly folded cink fold with axial plane concordant to So on either fold limbf
244.7	Bedding		So			60			phyllite compositional bedding cleavage
247	Bedding		So			80			phyllite compositional bedding cleavage
247.06	Axial Plane		Fx		FOL	80			tightly folded cink fold with ~4cm amplitude; axial plane concordant to So in above and below
247.15	Bedding		So			80			phyllite compositional bedding cleavage
247.63	Axial Plane		Fx			25			cink-folding in So; intersects So at an acute angle of ~70degrees
247.78	Veins			chl	AXP	30			axial palanar to cink folding in So; pyrite mineralized quartz-chlorite-iron-carbonate veining
248	Bedding		So			60			phyllite compositional bedding cleavage
248.1	Veins			chl		40			pyrite mineralized fecb-chl-quartz veining that intersects So at an acute angle of ~50 degrees
248.4	Bedding		So			60			phyllite compositional bedding cleavage
248.43	Axial Plane		Fx			60			closed cink profile with axial plane parallel to So
251	Cleavage		S1			60			in phyllite
251	Bedding		So			70			in phyllite
252.5	Cleavage		S1			70			in phyllite
252.5	Bedding		So			80			in phyllite
252.8	Axial Plane		Fx			80			~20cm wide open fold profile
252.9	Cleavage		S1			80			in phyllite
252.9	Bedding		So			40			phyllite compositional bedding cleavage
254	Cleavage		S1			70			in phyllite
254	Bedding		So			35			phyllite compositional bedding cleavage
255	Bedding		So			10			phyllite compositional bedding cleavage
255.05	Axial Plane		Fx			60			in phyllite
256	Bedding		So			40			phyllite compositional bedding cleavage
256.2	Bedding		So			30			phyllite compositional bedding cleavage
257	Axial Plane		Fx			50			multiple cink folds
257	Bedding		So			10			phyllite compositional bedding cleavage (cink-folded)
259	Veins			fecb		10			buff-crème vein seam that intersects So at an acute angle of ~40 degrees
259	Bedding		So			40			phyllite compositional bedding cleavage
259	Cleavage		S1			60			in phyllite
260.6	Bedding		So			10			phyllite compositional bedding cleavage
262	Bedding		So			60			phyllite compositional bedding cleavage
264	Bedding		So			45			phyllite compositional bedding cleavage
264.3	Faults			chl	Gouge	50		5	lower contact of gouge fault emplaced @ 50TCA with slickensiding on chloritized surface
264.3	Lineation			chl	Gouge	50			lower contact of gouge fault emplaced @ 50TCA with slickensiding on chloritized surface
265.6	Bedding		So			40			phyllite compositional bedding cleavage
265.6	Veins			fecb	SHTV	30			densely spaced, buff-crème, iron-carbonate seams with small vugs

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124
Plunge: 60 **Azimuth:** 270 **EOH:** 286

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
267.3	Bedding		So			50			phyllite compositional bedding cleavage
268.7	Bedding		So			30			phyllite compositional bedding cleavage
268.9	Axial Plane		Fx			60			multiple tightly folded cink fold profiles
269	Bedding		So			40			phyllite compositional bedding cleavage
270.1	Axial Plane		Fx			80			multiple small cink-fold profiles
270.3	Bedding		So			10			phyllite compositional bedding cleavage
270.6	Bedding		So			10			phyllite compositional bedding cleavage
271.1	Axial Plane		Fx			40			multiple cink fold profiles
271.6	Bedding		So			50			phyllite compositional bedding cleavage
272.1	Veins			py	FOL	40			pyrite mineralized, foliation concordant, iron-carbonate-quartz veinlets
272.5	Bedding		So			0			phyllite compositional bedding cleavage
273	Bedding		So			0			phyllite compositional bedding cleavage
273.5	Bedding		So			5			phyllite compositional bedding cleavage
274	Bedding		So			5			phyllite compositional bedding cleavage
274.7	Bedding		So			10			phyllite compositional bedding cleavage
275.9	Axial Plane		Fx			60			closed fold profile
275.91	Veins			fecb	AXP	55			axial planar buff-crème iron carbonate veins
276.5	Bedding		So			5			phyllite compositional bedding cleavage on fold nose
276.5	Axial Plane		Fx			80			multiple fold noses
276.6	Veins			fecb	AXP	85			axial planar buff-crème iron carbonate veins
278	Veins		V1	fecb	Veinlets	30			repeated thin seams
278	Veins		V2	fecb	Veinlets	85			repeated thin seams
279.3	Bedding		So			5			in phyllite-silt fragment
280	Bedding		So			60			phyllite compositional bedding cleavage
281.8	Veins				Gouge	70			massive, ~90cm thick quartz vein with gouged/crushed contacts
283	Bedding		So			70			phyllite-silt compositional bedding cleavage
285.7	Bedding		So			55			phyllite-silt compositional bedding cleavage in blocky fragment

Assay Samples

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30915	4.5	6	2011	Expl Geochem	H-split	MT-Phy
30916	6	9	2011	Expl Geochem	H-split	MT-Phy
30917	9	12	2011	Expl Geochem	H-split	MT-Phy
30918	12	15	2011	Expl Geochem	H-split	MT-Phy
30919	15	17	2011	Expl Geochem	H-split	MT-Phy
30920	17	19	2011	Expl Geochem	H-split	MT-Phy
30921	19	21	2011	Expl Geochem	H-split	MT-Phy
30922	21	23	2011	Expl Geochem	H-split	MT-Phy
30923	23	25	2011	Expl Geochem	H-split	MT-Phy
30924	25	27	2011	Expl Geochem	H-split	MT-Phy
30925	27	29	2011	Expl Geochem	H-split	MT-Phy
30926	29	31	2011	Expl Geochem	H-split	MT-Phy
30927	31	33	2011	Expl Geochem	H-split	MT-Phy
30928	33	35	2011	Expl Geochem	H-split	MT-Phy
30929	35	37	2011	Expl Geochem	H-split	MT-Phy
30930	37	39	2011	Expl Geochem	H-split	MT-Phy
30931	39	41	2011	Expl Geochem	H-split	MT-Phy
30932	41	43	2011	Expl Geochem	H-split	MT-Phy
30933	43	45	2011	Expl Geochem	H-split	MT-Phy
30934	45	47	2011	Expl Geochem	H-split	MT-Phy
30935	47	48.4	2011	Expl Geochem	H-split	MT-Phy
30936	48.4	50.5	2011	Expl Geochem	H-split	MT-Phy
30937	50.5	53.1	2011	Expl Geochem	H-split	MT-Phy
30938	53.1	55	2011	Expl Geochem	H-split	MT-Phy
30939	53.1	55	2011	DUP	Q-Split	MT-Phy
30940	53.1	55	2011	Blank	LWS_2011	
30941	55	57	2011	Expl Geochem	H-split	MT-Phy
30942	57	59	2011	Expl Geochem	H-split	MT-Phy
30943	59	61	2011	Expl Geochem	H-split	MT-Phy
30944	61	63	2011	Expl Geochem	H-split	MT-Phy
30945	63	65	2011	Expl Geochem	H-split	MT-Phy
30946	65	67	2011	Expl Geochem	H-split	MT-Phy
30947	67	69	2011	Expl Geochem	H-split	MT-Phy
30948	69	70.6	2011	Expl Geochem	H-split	MT-Phy
30949	70.6	72	2011	Expl Geochem	H-split	MT-SS
30950	72	74	2011	Expl Geochem	H-split	MT-SS
30951	74	76	2011	Expl Geochem	H-split	MT-SS
30952	76	77.43	2011	Expl Geochem	H-split	MT-SS
30953	77.43	78.5	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30954	78.5	81.1	2011	Expl Geochem	H-split	MT-SS
30955	81.1	82.8	2011	Expl Geochem	H-split	QZVN
30956	82.8	85	2011	Expl Geochem	H-split	MT-CO.grn
30957	85	87	2011	Expl Geochem	H-split	MT-CO.grn
30958	87	89	2011	Expl Geochem	H-split	MT-CO.grn
30959	89	90.2	2011	Expl Geochem	H-split	MT-CO.grn
30960	90.2	91.8	2011	Expl Geochem	H-split	MT-CO.grn
30961	91.8	92.3	2011	Expl Geochem	H-split	MT-Phy
30962	92.3	93	2011	Expl Geochem	H-split	MT-CO.grn
30963	93	94.2	2011	Expl Geochem	H-split	MT-CO.grn
30964	94.2	95	2011	Expl Geochem	H-split	MT-CO.grn
30965	95	96	2011	Expl Geochem	H-split	MT-SS
30966	96	97	2011	Expl Geochem	H-split	MT-SS
30967	97	98	2011	Expl Geochem	H-split	MT-SS
30968	98	99	2011	Expl Geochem	H-split	MT-SS
30969	99	100	2011	Expl Geochem	H-split	MT-SS
30970	100	101	2011	Expl Geochem	H-split	QZVN
30971	101	102	2011	Expl Geochem	H-split	MT-SS
30972	102	103	2011	Expl Geochem	H-split	QZVN
30973	103	104	2011	Expl Geochem	H-split	MT-SS
30976	104	105	2011	DUP	Q-Split	MT-SS
30974	104	105	2011	Expl Geochem	H-split	MT-SS
30975	104	105	2011	STND	CDN-GS-8B	
30977	105	106	2011	Expl Geochem	H-split	MT-SS
30978	106	107.44	2011	Expl Geochem	H-split	MT-SS
30979	107.44	108.5	2011	Expl Geochem	H-split	MT-Phy
30980	108.5	110.85	2011	Expl Geochem	H-split	QZVN.bx
30981	110.85	112	2011	Expl Geochem	H-split	MT-Phy
30982	112	113	2011	Expl Geochem	H-split	MT-Phy
30983	113	114.5	2011	Expl Geochem	H-split	MT-Phy
30984	114.5	116.5	2011	Expl Geochem	H-split	MT-Phy
30985	116.5	117.8	2011	Expl Geochem	H-split	QZVN.bx
30986	117.8	120	2011	Expl Geochem	H-split	MT-Phy
30987	120	121.5	2011	Expl Geochem	H-split	MT-Phy
30988	121.5	123	2011	Expl Geochem	H-split	MT-Phy
30989	123	125.1	2011	Expl Geochem	H-split	MT-Phy
30990	125.1	126	2011	Expl Geochem	H-split	MT-Phy
30991	126	128	2011	Expl Geochem	H-split	MT-Phy
30992	128	130	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
30993	130	132	2011	Expl Geochem	H-split	MT-Phy
30994	132	133.5	2011	Expl Geochem	H-split	MT-Phy
30995	133.5	134.4	2011	Expl Geochem	H-split	MT-Phy
30996	134.4	136.5	2011	Expl Geochem	H-split	MT-SS
30997	136.5	138	2011	Expl Geochem	H-split	MT-SS
30998	138	138.5	2011	Expl Geochem	H-split	QZVN
30999	138.5	139.5	2011	Expl Geochem	H-split	MT-SS
31000	139.5	141	2011	Expl Geochem	H-split	MT-SS
31001	141	142.1	2011	Expl Geochem	H-split	MT-SS
31002	142.1	143.7	2011	Expl Geochem	H-split	QZVN
31003	143.7	145.2	2011	Expl Geochem	H-split	MT-SS
31004	145.2	146.5	2011	Expl Geochem	H-split	MT-CO
31005	146.5	147.3	2011	Expl Geochem	H-split	MT-CO
31006	147.3	147.6	2011	Expl Geochem	H-split	MT-Phy
31007	147.6	149	2011	Expl Geochem	H-split	MT-SS
31008	149	150	2011	Expl Geochem	H-split	MT-SS
31009	150	150.6	2011	Expl Geochem	H-split	QZVN
31010	150.6	152	2011	Expl Geochem	H-split	MT-SS
31011	150.6	152	2011	DUP	Q-Split	MT-SS
31012	150.6	152	2011	Blank	LWS_2011	
31013	152	153	2011	Expl Geochem	H-split	MT-CO
31014	153	154	2011	Expl Geochem	H-split	MT-SS
31015	154	155.1	2011	Expl Geochem	H-split	MT-CO
31016	155.1	155.5	2011	Expl Geochem	H-split	MT-Phy
31017	155.5	156.4	2011	Expl Geochem	H-split	MT-SS
31018	156.4	157.5	2011	Expl Geochem	H-split	MT-CO
31019	157.5	159	2011	Expl Geochem	H-split	MT-SS
31020	159	160	2011	Expl Geochem	H-split	MT-SS
31021	160	162	2011	Expl Geochem	H-split	MT-SS
31022	162	163.5	2011	Expl Geochem	H-split	MT-SS
31023	163.5	165	2011	Expl Geochem	H-split	MT-SS
31024	165	167	2011	Expl Geochem	H-split	MT-CO
31025	167	168.54	2011	Expl Geochem	H-split	MT-CO
31026	168.54	170.1	2011	Expl Geochem	H-split	MT-Phy
31027	170.1	172.1	2011	Expl Geochem	H-split	MT-SLT
31028	172.1	174	2011	Expl Geochem	H-split	MT-SS
31029	174	177	2011	Expl Geochem	H-split	MT-SS
31030	177	178.5	2011	Expl Geochem	H-split	MT-SS
31031	178.5	180	2011	Expl Geochem	H-split	MT-SS

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31032	180	181.4	2011	Expl Geochem	H-split	MT-SS
31033	181.4	183.53	2011	Expl Geochem	H-split	MT-SS
31034	183.53	185	2011	Expl Geochem	H-split	MT-Phy
31035	185	187	2011	Expl Geochem	H-split	MT-Phy
31036	187	189.3	2011	Expl Geochem	H-split	MT-Phy
31037	189.3	190.2	2011	Expl Geochem	H-split	QZVN
31038	190.2	192	2011	Expl Geochem	H-split	MT-Phy
31039	192	194	2011	Expl Geochem	H-split	MT-Phy
31040	194	195.4	2011	Expl Geochem	H-split	MT-Phy
31041	195.4	196.9	2011	Expl Geochem	H-split	MT-SS
31042	196.9	197.7	2011	Expl Geochem	H-split	QZVN
31043	197.7	200	2011	Expl Geochem	H-split	MT-Phy.gf
31044	200	202	2011	Expl Geochem	H-split	MT-Phy.gf
31045	202	204.4	2011	Expl Geochem	H-split	MT-Phy.gf
31046	204.4	206	2011	Expl Geochem	H-split	MT-Phy.gf
31047	204.4	206	2011	STND	CDN-GS-8B	
31048	204.4	206	2011	DUP	Q-Split	MT-Phy.gf
31049	206	208.25	2011	Expl Geochem	H-split	MT-Phy.gf
31050	208.25	210	2011	Expl Geochem	H-split	MT-Phy.gf
31051	210	212	2011	Expl Geochem	H-split	MT-Phy.gf
31052	212	214	2011	Expl Geochem	H-split	MT-Phy.gf
31053	214	216	2011	Expl Geochem	H-split	MT-Phy.gf
31054	216	218	2011	Expl Geochem	H-split	MT-Phy.gf
31055	218	220	2011	Expl Geochem	H-split	MT-Phy.gf
31056	220	222	2011	Expl Geochem	H-split	MT-Phy.gf
31057	222	224	2011	Expl Geochem	H-split	MT-Phy.gf
31058	224	225	2011	Expl Geochem	H-split	QZVN
31059	225	226.5	2011	Expl Geochem	H-split	QZVN
31060	226.5	226.9	2011	Expl Geochem	H-split	QZVN
31061	226.9	228	2011	Expl Geochem	H-split	MT-SS
31062	228	229.1	2011	Expl Geochem	H-split	MT-SS
31063	229.1	231	2011	Expl Geochem	H-split	MT-SS
31064	231	233	2011	Expl Geochem	H-split	MT-SS
31065	233	234.77	2011	Expl Geochem	H-split	MT-SS
31066	234.77	237	2011	Expl Geochem	H-split	MT-SS
31067	237	239	2011	Expl Geochem	H-split	MT-SS
31068	239	240.8	2011	Expl Geochem	H-split	MT-SS
31069	240.8	243.31	2011	Expl Geochem	H-split	MT-Phy
31070	243.31	245	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-028 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 286

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31071	245	247	2011	Expl Geochem	H-split	MT-Phy
31072	247	248.18	2011	Expl Geochem	H-split	MT-Phy
31073	248.18	250	2011	Expl Geochem	H-split	MT-Phy
31074	250	252	2011	Expl Geochem	H-split	MT-Phy
31075	252	254	2011	Expl Geochem	H-split	MT-Phy
31076	254	256	2011	Expl Geochem	H-split	MT-Phy
31077	256	258	2011	Expl Geochem	H-split	MT-Phy
31078	258	260.35	2011	Expl Geochem	H-split	MT-Phy
31079	260.35	261	2011	Expl Geochem	H-split	MT-Phy
31080	261	263	2011	Expl Geochem	H-split	MT-Phy
31081	263	264.3	2011	Expl Geochem	H-split	MT-Phy
31082	264.3	265.1	2011	Expl Geochem	H-split	MT-Phy
31083	264.3	265.1	2011	DUP	Q-Split	MT-Phy
31084	264.3	265.1	2011	Blank	LWS_2011	
31085	265.1	267	2011	Expl Geochem	H-split	MT-Phy
31086	267	269	2011	Expl Geochem	H-split	MT-Phy
31087	269	271	2011	Expl Geochem	H-split	MT-Phy
31088	271	273	2011	Expl Geochem	H-split	MT-Phy
31089	273	275	2011	Expl Geochem	H-split	MT-Phy
31090	275	276.6	2011	Expl Geochem	H-split	MT-Phy
31091	276.6	279	2011	Expl Geochem	H-split	MT-SLT
31092	279	281.7	2011	Expl Geochem	H-split	MT-SLT
31093	281.7	282.6	2011	Expl Geochem	H-split	QZVN
31094	282.6	283.4	2011	Expl Geochem	H-split	MT-Phy
31095	283.4	285.1	2011	Expl Geochem	H-split	MT-SS
31096	285.1	286	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533736.7	6843877.8		

Elevation: 1556 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 75
Azimuth: 270
EOH: 420.0 m
Core Size: HQ

Start Date: 18/09/2011
Finish Date: 24/09/2011
Status: Completed
Contractor: Driftwood

Objective:

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	73.9	274.74	5766	Reflex	1
72	74.4	270.54	5804	Reflex	1
111	74.5	271.64	5807	Reflex	1
162	73.7	329.34	1766	Reflex	3
216	76	269.84	5790	Reflex	1
267	77.1	265.84	5807	Reflex	1
324	76.6	267.54	5805	Reflex	1
378	76.5	267.34	5807	Reflex	1
414	76.5	267.84	5807	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	4.5	no core recovered	CASING		100.0%				co	1
4.5	61.55	Only minor <1cm thick (frequently foliation concordant) quartz veining.	QZVN		1.0%	w			br	1
4.5	61.55	Black foliated phyllite with lamellar grey silt interbedding. Localized parasitic folding discernible. ~4% silt in total Texture of phyllite is too fine-grained to determine exact composition. Unit is rather blocky and broken with occassional softened gouged, narrow subintervals throughout. Intensely blocky and partially friable from 4.50m-21.50m. [please refer to geotechnical log for details regarding variable competence] Weak orange-brown limonite-rust coating throughout entire unit along healed and open fractures that run frequently concordant to phyllite compositional bedding cleavage.	MT-Phy		99.0%	n			br	1
61.55	77.3	singular, narrow interbedding phyllite wedge with gouged contacts concordant to phyllite compositional bedding cleavage	MT-Phy		1.0%	w			br	1
61.55	77.3	Quartz veining in conglomerate-sand sequence is predominantly vuggy and frequently sheeted (repeated, densely spaced vein orienation). Veinlets are predominantly at 40-60TCA and frequently arsenopyrite (&pyrite) mineralized.	QZVN		8.0%	w			br	1
61.55	77.3	Weakly to moderately silicified sandstone-conglomerate sequence. Silicification is strongly expressed within sandstone sequences in form of textural destruction indicated by: - grain boundary dissolution - equigranular texture - localized absence of feldspar clast were silicification is intensified COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% (possibly weakly sericitic) GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-4mm	MT-SS	mgr	41.0%	gy	qtz	95	br	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
61.55	77.3	Weakly to moderately silicified sandstone-conglomerate sequence. Silicification is strongly expressed within sandstone sequences in form of textural destruction indicated by: - grain boundary dissolution - equigranular texture - localized absence of feldspar clast were silicification is intensified COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% (possibly weakly sericitic) GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-4mm	MT-CO	grn	50.0%	gy	qtz	95	br	1
77.3	91.9	Quartz veining in sandstone-conglomerate sequence is generally <2cm thick, often intensely vuggy and locally extremely densely spaced.	QZVN		5.0%	w			co	1
77.3	91.9	Very similar to preceeding sandstone-conglomerate sequence above, but with intense pervasive rust-staining and absence of texturally destructive silicification observed in preceeding unit above. Several intensely fractured intervals with rust-stained sandy clay coating on fractures and fragments COMPOSITION: 90% grey (slightly diffuse) quartz; 10% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-4mm Intermittent localized foliation fabric (Sx) in form of wispy, partially penetrative, dark grey lamellae at 4-10mm spacing. Only minor fine-grained sulfide mineralization.	MT-SS	mgr	40.0%	gy	qtz	90	co	1
77.3	91.9	Very similar to preceeding sandstone-conglomerate sequence above, but with intense pervasive rust-staining and absence of texturally destructive silicification observed in preceeding unit above. COMPOSITION: 90% grey (slightly diffuse) quartz; 10% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-4mm Intermittent localized foliation fabric (Sx) in form of wispy, partially penetrative, dark grey lamellae at 4-10mm spacing. Only minor fine-grained sulfide mineralization.	MT-CO	grn	55.0%	gy	qtz	90	co	1
91.9	116	Isolated narrow phyllite interbed with contacts concordant to phyllite compositional bedding cleavage [97.32m-97.2m]. Contacts are hard and competent. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		1.0%				co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
91.9	116	Quartz veining in sand-conglomerate sequence is partially sulfide mineralized, where pyrite is coarser grained and generally predominates over arsenopyrite. Veining is generally diffuse and <1cm thick. Prominent ~5TCA sulfdie mineralized veining between 104.50-106.00m.	QZVN		5.0%	w			co	1
91.9	116	Moderately to locally intensely silicified sandstone-conglomerate sequence. Conglomerate is predominantly granule size, but locally grades into pebble size. Where silicification is intense (in upper third of unit interval), feldspar appears absent. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 9-10% altered feldspar; 1% phyllite lithics discernible in conglomerate sequences MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-6mm [predominantly 2-4mm] Intermittent localized foliation fabric (Sx) in form of wispy, partially penetrative, light grey (sericitic?_ lamellae at 4-10mm spacing. Localized concentration of prominent black phyllite lithics (as 3mm clasts) in conglomerate sequence matrix between 108.50m-111.40 as well as 5cm diameter phyllite wedge @112.70m.	MT-CO	grn	44.0%	gy	qtz	95	co	1
91.9	116	Moderately to locally intensely silicified sandstone-conglomerate sequence. Conglomerate is predominantly granule size, but locally grades into pebble size. Where silicification is intense (in upper third of unit interval), feldspar appears absent. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 9-10% altered feldspar; 1% phyllite lithics discernible in conglomerate sequences MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 1-2mm GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-6mm [predominantly 2-4mm] Intermittent localized foliation fabric (Sx) in form of wispy, partially penetrative, light grey (sericitic?_ lamellae at 4-10mm spacing.	MT-SS	mgr	50.0%	gy	qtz	95	co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
75	270	420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
116	121.5	Densely spaced quartz veining (hosted in silicified sandstone-conglomerate) that grades from diffuse multiply intersecting veins into into an intensely brecciated texture. Intense breccia texture with 100% quartz veining commences @ 118.74m and matrix consists of black phyllite clay. Quartz Vein Breccia precedes the lithologial contact with faulted, gouged phyllite unit below. Sandsonte-Conglomerate Sequence between 116.00m-118.74m has same composition as preceeding unit above.	MT-CO	pbl	5.0%	y	qtz	95	co	1
116	121.5	Densely spaced quartz veining (hosted in silicified sandstone-conglomerate) that grades from diffuse multiply intersecting veins into into an intensely brecciated texture. Intense breccia texture with 100% quartz veining commences @ 117.84m and matrix consists of black phyllite clay. Quartz Vein Breccia precedes the lithologial contact with faulted, gouged phyllite unit below. Sandsonte-Conglomerate Sequence between 116.00m-117.84m has same composition as preceeding unit above.	MT-SS		25.0%	gy	qtz	95	co	1
116	121.5	Densely spacedDensely spaced quartz veining (hosted in silicified sandstone-conglomerate) that grades from diffuse multiply intersecting veins into into an intensely brecciated texture. Intense breccia texture with 100% quartz veining commences @ 118.74m and matrix consists of black phyllite clay. Quartz Vein Breccia precedes the lithologial contact with faulted, gouged phyllite unit below. Sandsonte-Conglomerate Sequence between 116.00m-117.84m has same composition as preceeding unit above. Quartz veining (hosted in silicified sandstone) that grades from diffuse multiply intersecting veins into into an intensely brecciated texture. Intense breccia texture with 100% quartz veining commences @ 118.74m and matrix consists of black phyllite clay [~5% matrix]. Quartz Vein Breccia precedes the lithologial contact with faulted, gouged phyllite unit below.	QZVN	bx	70.0%	w			co	2
121.5	132.1	Brittle Fault Zone: friable, gouged black phyllite fragments and soft plastic core wedges with dispersed quartz vein fragments. Disseminated pyrite discernible.	QZVN		5.0%	w			fr	3
121.5	132.1	Brittle Fault Zone: friable, gouged black phyllite fragments and soft plastic core wedges with dispersed quartz vein fragments. Disseminated pyrite discernible.	MT-Phy		95.0%	n			fr	3
132.1	160.5	Black phyllite occurs as discrete, localized narrow interbeds. Contacts of phyllite with sandstone-conglomerate sequence are predominantly competent and concordant to phyllite compositional bedding cleavage (So). Texture of phyllite too fine grained to determine exact composition. Phyllite Interbeds: 142.75m-143.05m; 150.43m-151.15m; 152.45m-152.50m	MT-Phy		1.0%	n			co	1
132.1	160.5	Quartz veining is silicified sandstone-conglomerate sequence is generally milky white, predominantly devoid of vuggin and predominantly at 30-40TCA. 132.10m-136.50m: Repeated, thin diffuse, densely spaced tension vein arrays in proximinty to upper contact that underlies phyllite fault zone above.	QZVN		5.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
132.1	160.5	Silicified, grey sandstone-conglomerate sequence with localized foliation in form of wispy grey, partially penetrative seams at 0.5-1cm spacing [Sx] Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts Intensity of silicification is disrupted by brittle fault zone from 148.20m-149.74m after which feldspar component in matrix and re-introduced by a 2nd britlle structure from 154.30m-157.80m. COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar; 1% phyllite lithics discernible in conglomerate sequences when located adjacent to occasional, narrow phyllite interbeds MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-CO	grn	34.0%	gy	qtz	95	co	1
132.1	160.5	Silicified, grey sandstone-conglomerate sequence with localized foliation in form of wispy grey, partially penetrative seams at 0.5-1cm spacing [Sx] Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts Intensity of silicification is disrupted by brittle fault zone from 148.20m-149.74m after which feldspar component in matrix and re-introduced by a 2nd britlle structure from 154.30m-157.80m. COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar; 1% phyllite lithics discernible in conglomerate sequences when located adjacent to occasional, narrow phyllite interbeds MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-SS	mgr	60.0%	gy	qtz	95	co	1
160.5	166.6	Quartz veing is generally discordant to So (phyllite compositional bedding cleavage), <1cm thick and frequently intensely pyrite mineralized.	QZVN		1.0%	n			co	1
160.5	166.6	Black foliated phyllite with ~30% grey lamellar silt interbedding and generally a 70-85TCA compositional bedding cleavage (So). Silt content increases towards gradational lower contact. Upper contact zone of phyllite unit is intensely pyrite mineralized.	MT-Phy		99.0%	n			co	1
166.6	176.5	Quartz veining in silicified sandstone-conglomerate sequence is is generally 1-3cm thick and occassionally fuggy with traces of rust-staining. Also small buff-crème iron-carbonate patches in veining. Generally pyrite cluster mineralized and with occassional fine-grained arsenopyrite within vein mass.	QZVN		5.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
75	270	420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
166.6	176.5	Silicified, grey sandstone-conglomerate sequence. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-CO	grn	10.0%	gy	qtz	95	co	1
166.6	176.5	Silicified, grey sandstone-conglomerate sequence. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-SS		85.0%	gy	qtz	95	co	1
176.5	181.8	Quartz veing in phyllite portion of phyllite-sand sequence is densely pyrite mineralized and occurs with prominent buff iron-carbonate wedges and grey-green chlorite wedges. Quartz veining in sandstone interbes is sulfide mineralized with small, buff iron-carbonate patches. Quartz veining in sandstone interbes is frequent cut-off at contacts with phyllite beds. Contacts are competent and concordant to phyllite compositional bedding cleavage So.	QZVN		20.0%	bf			co	1
176.5	181.8	fine grained sandstone interbeds in phyllite-sandstone sequence with ~95% quartz & ~5% altered feldspar Sandstone: 177.20-177.70m & 180.26-181.80m Veining in sandstone is frequently cut-off by contacts with phyllite interbeds. Interbed contacts are concordant to phyllite So and competent. Grainsize: 0.25-0.5mm	MT-SS	fgr	30.0%	gy		95	co	1
176.5	181.8	Intensely veined black, at least partially graphitic phyllite with grey lamellar silt interbedding. Contacts with sandstone interbeds are concordant to phyllite compositional bedding cleavage (So). Texture of phyllite is too fine-grained to determine exact composition. Phyllite is intensely pyrite mineralized by quartz-iron-carbonate-chlorite veining.	MT-Phy	gf	50.0%	n			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
181.8	219.7	Black foliated (and folded phyllite) with grey banded to lamellar silt interbedding. Silt proprotion and thickness of silty bands varies considerably thoughout entire unit from mm magnitude to up to 30cm in width. Texture of phyllite is too fine-grained to determine exact composition. Unit contains several gouged and predominantly intensely veined, and remobilized graphitic subintervals with high degree of pyrite mineralization in iron-carbonate quartz veining. Intervals free of brittle deformation are gnerally subject to sparse and very thin vein seams.	QZVN		5.0%	w			co	2
181.8	219.7	Black foliated (and folded phyllite) with grey banded to lamellar silt interbedding. Silt proprotion and thickness of silty bands varies considerably thoughout entire unit from mm magnitude to up to 30cm in width. Texture of silt is too fine-grained to determine exact composition. Unit contains several gouged and predominantly intensely veined, and remobilized graphitic subintervals with high degree of pyrite mineralization in iron-carbonate quartz veining. Intervals free of brittle deformation are gnerally subject to sparse and very thin vein seams.	MT-SLT		15.0%	gy			co	2
181.8	219.7	Black foliated (and folded phyllite) with grey banded to lamellar silt interbedding. Silt proprotion and thickness of silty bands varies considerably thoughout entire unit from mm magnitude to up to 30cm in width. Texture of phyllite is too fine-grained to determine exact composition. Unit contains several gouged and predominantly intensely veined, and remobilized graphitic subintervals with high degree of pyrite mineralization in iron-carbonate quartz veining. Intervals free of brittle deformation are gnerally subject to sparse and very thin vein seams.	MT-Phy		80.0%	n			co	2
219.7	243.3	Phyllite interbdding in sand-conglomerate is generally concentrated in the upper portion of the unit between 219.70m-226.00m. Phylite is rhythmically interbedded with 1cm thick, stripe-like grey silt interbeds. Contacts with sandstone-conglomerate sequence are geneally concordant to phyllite compostional bedding lcavage So.	MT-Phy		1.0%	n			co	1
219.7	243.3	Quartz veining in Sandstone-Conglomerate sequence is dominantly low core angle at 30TCA and frequently sheeted. Massive, highly sulfide mineralized quartz veining between 225.00m-227.00m as part of zone of brittle deformation. Quartz veining below 227.00m, which is frequently sheeted at 30TCA and also at 50TCA appears generally barren.	QZVN		10.0%	w			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
219.7	243.3	Silicified, grey sandstone-conglomerate sequence with occassional phyllite interbedding. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-CO		29.0%	gy	qtz	95	co	1
219.7	243.3	Silicified, grey sandstone-conglomerate sequence with occassional phyllite interbedding. Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts COMPOSITION: 95% grey (slightly diffuse) quartz; 5% altered feldspar MATRIX: <1% GRAINSHAPE -- Sandstone: subangular to subrounded GRAINSIZE -- Sandstone: 0.5-1.5mm [predominantly 1mm] GRAINSHAPE -- Conglomerate: subangular GRAINSIZE -- Conglomerate: 2-5mm [predominantly 2-4mm]	MT-SS	mgr	60.0%	gy	qtz	95	co	1
243.3	279.05	Quartz veining in black phyllite unit (with grey silt interbedding) is generally: - scarcely distributed - buff-crème iron-carbonate mineralized - foliaton discordant (i.e. discordant to So) - <1cm thick - occassionally pyrite mineralized	QZVN		1.0%	w			co	1
243.3	279.05	Black, foliated (& folded) phyllite with grey, lamellar silt interbedding -- frequently giving striped appearance. Texture of phyllite is too fine-grained to determine exact composition. Proportion of silt varies from 2%-30% throughout. 254.20m-256.05m: Continuous silt-sand interbed.	MT-SLT		19.0%	gy			co	1
243.3	279.05	Black, foliated (& folded), locally graphitic phyllite with grey, lamellar silt interbedding -- frequently giving striped appearance. Texture of phyllite is too fine-grained to determine exact composition. Proportion of silt varies from 2%-30% throughout. Lower contact with graphitic unit that has high intensity of quartz-chlorite-iron-carbonate veining.	MT-Phy	gf	80.0%	n			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
279.05	296	Intensely quartz veined, graphitic, black phyllite iwth grey, lamellar silt interbedding. Silt generally as narrow seams ands stripes, but occassionally as discrete up to 70cm long interbeds. Texture of phyllite-silt is too fine-grained to determine exact composition. Unit contains several narrow friable intervals and gouge-clay coated fractures as well as localized narrow gouge wedges. [see structure table and point structure table] Quartz veining ranges from 1-15cm in thickness with prominent buff-creme iron-carbonate patches and grey-green chlorite wedges. Veins are fequently foliation discordant. Veining is pyrite mineralized.	MT-SLT		17.0%	gy			co	2
279.05	296	Intensely quartz veined, graphitic, black phyllite iwth grey, lamellar silt interbedding. Silt generally as narrow seams ands stripes, but occassionally as discrete up to 70cm long interbeds. Texture of phyllite-silt is too fine-grained to determine exact composition. Unit contains several narrow friable intervals and gouge-clay coated fractures as well as localized narrow gouge wedges. [see structure table and point structure table] Quartz veining ranges from 1-15cm in thickness with prominent buff-creme iron-carbonate patches and grey-green chlorite wedges. Veins are fequently foliation discordant. Veining is pyrite mineralized.	QZVN		18.0%	bf			co	2
279.05	296	Intensely quartz veined, graphitic, black phyllite iwth grey, lamellar silt interbedding. Silt generally as narrow seams ands stripes, but occassionally as discrete up to 70cm long interbeds. Texture of phyllite-silt is too fine-grained to determine exact composition. Unit contains several narrow friable intervals and gouge-clay coated fractures as well as localized narrow gouge wedges. [see structure table and point structure table] Quartz veining ranges from 1-15cm in thickness with prominent buff-creme iron-carbonate patches and grey-green chlorite wedges. Veins are fequently foliation discordant. Veining is pyrite mineralized.	MT-Phy	gf	65.0%	n			co	2
296	309.2	Black foliated phyllite with grey lamellar silit interbedding and occassional, rounded, very fine-grained sandstone lenses. Texture of phyllite is too fine-grained to determine exact composition. Only minor, <2cm thick, foiation discordant, quartz veinlets. Veinlets are frequently 30TCA and occassionally pyrite mineralized. Upper and lower contact of unit are with intensely and broadly quartz veined phyllite units.	MT-SS	fgr	1.0%	gy	qtz	95	co	1
296	309.2	Black foliated phyllite with grey lamellar silit interbedding and occassional, rounded, very fine-grained sandstone lenses. Texture of phyllite is too fine-grained to determine exact composition. Only minor, <2cm thick, foiation discordant, quartz veinlets. Veinlets are frequently 30TCA and occassionally pyrite mineralized. Upper and lower contact of unit are with intensely and broadly quartz veined phyllite units.	QZVN		1.0%	gy			co	1
296	309.2	Black foliated phyllite with grey lamellar silit interbedding and occassional, rounded, very fine-grained sandstone lenses. Texture of phyllite is too fine-grained to determine exact composition. Only minor, <2cm thick, foiation discordant, quartz veinlets. Veinlets are frequently 30TCA and occassionally pyrite mineralized. Upper and lower contact of unit are with intensely and broadly quartz veined phyllite units.	MT-SLT		18.0%	gy			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
296	309.2	Black foliated phyllite with grey lamellar silit interbedding and occassional, rounded, very fine-grained sandstone lenses. Texture of phyllite is too fine-grained to determine exact composition. Only minor, <2cm thick, foiation discordant, quartz veinlets. Veinlets are frequently 30TCA and occassionally pyrite mineralized. Upper and lower contact of unit are with intensely and broadly quartz veined phyllite units.	MT-Phy		80.0%	n			co	1
309.2	320.77	Phyllite-Sand Silt sequence with frequent 1-15cm thick quartz veining and occassinal phyllite-clay-gouge wedges. Phyllite has grey lamellar silt interbedding and texture is too fine-grained to determine exact composition. Upper half of unit is dominated by phyllite while lower half of unit is dominated by silicified, fine-grained sandstone. Silicification of sandstone is texturally destructive leading to grain boundary dissolution. Sandstone: ~2-3% white clay altered feldspar preserved (but likely reduced from original unaltered content) Grainsize: 0.5mm max; Grainshape: subrounded Contacts between silicified sandstone and phyllite interbeds frequently along clay seams and often concordant to phyllite compositional bedding cleavage So.	QZVN		10.0%	w			co	1
309.2	320.77	Phyllite-Sand Silt sequence with frequent 1-15cm thick quartz veining and occassinal phyllite-clay-gouge wedges. Phyllite has grey lamellar silt interbedding and texture is too fine-grained to determine exact composition. Upper half of unit is dominated by phyllite while lower half of unit is dominated by silicified, fine-grained sandstone. Silicification of sandstone is texturally destructive leading to grain boundary dissolution. Sandstone: ~2-3% white clay altered feldspar preserved (but likely reduced from original unaltered content) Grainsize: 0.5mm max; Grainshape: subrounded Contacts between silicified sandstone and phyllite interbeds frequently along clay seams and often concordant to phyllite compositional bedding cleavage So.	MT-SLT		10.0%	gy			co	1
309.2	320.77	Phyllite-Sand Silt sequence with frequent 1-15cm thick quartz veining and occassinal phyllite-clay-gouge wedges. Phyllite has grey lamellar silt interbedding and texture is too fine-grained to determine exact composition. Upper half of unit is dominated by phyllite while lower half of unit is dominated by silicified, fine-grained sandstone. Silicification of sandstone is texturally destructive leading to grain boundary dissolution. Sandstone: ~2-3% white clay altered feldspar preserved (but likely reduced from original unaltered content) Grainsize: 0.5mm max; Grainshape: subrounded Contacts between silicified sandstone and phyllite interbeds frequently along clay seams and often concordant to phyllite compositional bedding cleavage So.	MT-SS	fgr	30.0%	gy	qtz	95	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
309.2	320.77	Phyllite-Sand Silt sequence with frequent 1-15cm thick quartz veining and occassinal phyllite-clay-gouge wedges. Phyllite has grey lamellar silt interbedding and texture is too fine-grained to determine exact composition. Upper half of unit is dominated by phyllite while lower half of unit is dominated by silicified, fine-grained sandstone. Silicification of sandstone is texturally destructive leading to grain boundary dissolution. Sandstone: ~2-3% white clay altered feldspar preserved (but likely reduced from original unaltered content) Grainsize: 0.5mm max; Grainshape: subrounded Contacts between silicified sandstone and phyllite interbeds frequently along clay seams and often concordant to phyllite compositional bedding cleavage So.	MT-Phy		50.0%	n			co	1
320.77	344.25	Localized, narrow phyllite interbeds @ 324m & between 332.10m-333.80m. Emplaced at low core angles along openly folded surface - possible fold hinge location.	MT-Phy		1.0%	n			co	1
320.77	344.25	Silicified sandstone unit with densely spaced, variable with, occassionally vuggy, sulfide mineralized quartz veining. Vein width ranges from 1-20cm. Vein core angles predominate between 20-50TCA. Grainsize: ~1mm Grainshape: subrounded Composition: 95% grey quartz; 5% white, clay altered feldspar Original proportion of feldspar may be reduced due to silicification. Unit contains occasion black-chloirte clay coated fractures/seams. Locally grades into granule/pebble size between 335.50m-338.00m. Highly mineralized quartz breccia between 335.50m-338.00m.	QZVN		15.0%	w			co	1
320.77	344.25	Silicified sandstone unit with densely spaced, variable with, occassionally vuggy, sulfide mineralized quartz veining. Vein width ranges from 1-20cm. Vein core angles predominate between 20-50TCA. Grainsize: ~1mm Grainshape: subrounded Composition: 95% grey quartz; 5% white, clay altered feldspar Original proportion of feldspar may be reduced due to silicification. Unit contains occasion black-chloirte clay coated fractures/seams. Highly mineralized quartz breccia between 335.50m-338.00m.	MT-SS	mgr	84.0%	gy	qtz	95	co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
75	270	420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
344.25	356.98	Interval contains two broad zone of intensely sulfided mineralized quartz veining. Zone 1 starts at upper contact: 344.25m-350.70m Zone 1 is predominantly sheeted and grades in to brecciated texture at lower contat of interval. Zone 2 forms the lower contact of the unit: 352.93m-356.98m Zone 2 has an intensely brecciated texture and is partially fragmented. Brecciated interval have white angluar fragments surrounded by grey silicified sandstone fragments and dark sulfide seams. The entire unit is hoste in grey silicified sandstone which generally devoid of feldspar -- likely due to textural destruction. [Too challenging to determne original composition.] Betwen Zone 1 & Zone 2 from 350.70m-352.93m is a mixture of graphitic phyllite interbedded (/slip faulted) with silicified sandstone with prominent low core angle quartz-iron-carbonate veinlets.	MT-Phy	gf	10.0%	n			co	2
344.25	356.98	Interval contains two broad zone of intensely sulfided mineralized quartz veining. Zone 1 starts at upper contact: 344.25m-350.70m Zone 1 is predominantly sheeted and grades in to brecciated texture at lower contat of interval. Zone 2 forms the lower contact of the unit: 352.93m-356.98m Zone 2 has an intensely brecciated texture and is partially fragmented. Brecciated interval have white angluar fragments surrounded by grey silicified sandstone fragments and dark sulfide seams. The entire unit is hoste in grey silicified sandstone which generally devoid of feldspar -- likely due to textural destruction. [Too challenging to determne original composition.] Betwen Zone 1 & Zone 2 from 350.70m-352.93m is a mixture of graphitic phyllite interbedded (/slip faulted) with silicified sandstone with prominent low core angle quartz-iron-carbonate veinlets.	MT-SS	mgr	40.0%	gy			co	2
344.25	356.98	Interval contains two broad zone of intensely sulfided mineralized quartz veining. Zone 1 starts at upper contact: 344.25m-350.70m Zone 1 is predominantly sheeted and grades in to brecciated texture at lower contat of interval. Zone 2 forms the lower contact of the unit: 352.93m-356.98m Zone 2 has an intensely brecciated texture and is partially fragmented. Brecciated interval have white angluar fragments surrounded by grey silicified sandstone fragments and dark sulfide seams. The entire unit is hoste in grey silicified sandstone which generally devoid of feldspar -- likely due to textural destruction. [Too challenging to determne original composition.] Betwen Zone 1 & Zone 2 from 350.70m-352.93m is a mixture of graphitic phyllite interbedded (/slip faulted) with silicified sandstone with prominent low core angle quartz-iron-carbonate veinlets.	QZVN	bx	50.0%	w			co	3
356.98	392.4	Black foliated, graphitic phyllite with grey lamellar silt interbedding. Also up to 40cm wide silt-sand interbed at lower contact of unit with sandstone unit below. Graphitic component becomes generally apparent in friable, slightly gouged sections where graphite is remobilized. Unit is partially gouged, friable and fragment thougout with occassional upt 1m long competent subintervals and interspersed competent blocks. Unit is predominantly competent in upper portion from 356.98m-362.50m. Quartz veining is rare and generally <0.5cm thick, frequently discordant to phyllite compositional bedding cleavage So and occassional vuggy and buff-creme iron-carbonate altered.	QZVN		1.0%	w			fr	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
75	270	420

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
356.98	392.4	Black foliated, graphitic phyllite with grey lamellar silt interbedding. Also up to 40cm wide silt-sand interbed at lower contact of unit with sandstone unit below. Graphitic component becomes generally apparent in friable, slightly gouged sections where graphite is remobilized. Unit is partially gouged, friable and fragment thougout with occassional upt 1m long competent subintervals and interspersed competent blocks. Unit is predominantly competent in upper portion from 356.98m-362.50m. Quartz veining is rare and generally <0.5cm thick, frequently discordant to phyllite compositional bedding cleavage So and occassional vuggy and buff-creme iron-carbonate altered.	MT-SLT		10.0%	gy			fr	1
356.98	392.4	Black foliated, graphitic phyllite with grey lamellar silt interbedding. Also up to 40cm wide silt-sand interbed at lower contact of unit with sandstone unit below. Graphitic component becomes generally apparent in friable, slightly gouged sections where graphite is remobilized. Unit is partially gouged, friable and fragment thougout with occassional upt 1m long competent subintervals and interspersed competent blocks. Unit is predominantly competent in upper portion from 356.98m-362.50m. Quartz veining is rare and generally <0.5cm thick, frequently discordant to phyllite compositional bedding cleavage So and occassional vuggy and buff-creme iron-carbonate altered.	MT-Phy	gf	89.0%	n			fr	2
392.4	401.5	Light grey silicified sanstone with generally >50TCA quartz veining. Veins range from 1-10cm in thickness. Silicification is texturally destructive and leads to: - depletion of feldspar clasts - grain boundary diissolution of quartz grains Grainsize: 1mm Grainshape: subangular to subrounded Remaining feldspars have white clay alteration. Unit appears broken and blocky. Lowermost 2 meters of unit are intensely fragmented and bound a grey quartz breccia unit below.	QZVN		5.0%	w			br	1
392.4	401.5	Light grey silicified sanstone with generally >50TCA quartz veining. Veins range from 1-10cm in thickness. Silicification is texturally destructive and leads to: - depletion of feldspar clasts - grain boundary diissolution of quartz grains Grainsize: 1mm Grainshape: subangular to subrounded Remaining feldspars have white clay alteration. Unit appears broken and blocky. Lowermost 2 meters of unit are intensely fragmented and bound a grey quartz breccia unit below.	MT-SS	mgr	95.0%	gy	qtz	98	br	1
401.5	411.5	Light grey Quartz Breccia: generally cohesve but friable; 3-30mm diameter angular white to grey quartz clasts in dusty white clay and also buff-crème iron-carbonate altered matrix. ~5% Matrix Also contains short sections and angular fragments of grey silicified sandstone in brecciated matrix. Sandstone as seen in previous unit above. Partially crushed and shattered.	MT-SS	bx	10.0%	gy	qtz	98	fr	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
401.5	411.5	Light grey Quartz Breccia: generally cohesve but friable; 3-30mm diameter angular white to grey quartz clasts in dusty white clay and also buff-crème iron-carbonate altered matrix. ~5% Matrix Also contains short sections and angular fragments of grey silicified sandstone in brecciated matrix. Sandstone as seen in previous unit above. Partially crushed and shattered.	QZVN	bx	90.0%	w			fr	3
411.5	420	Light grey sandstone with a rather bleached appearance and intermittently brecciated texture also several lineated 10TCA shear cleavages. Locally also grades into bedded silt (or faulted?) Very broken and fragmented. High compenent of quartz veining with original composition obscured by alteration/bleaching. High intensity of quartz veining towards lower bound of unit. Locally up to 5% white, clay altered feldspar grains.	MT-SLT		2.0%	t			br	1
411.5	420	Light grey sandstone with a rather bleached appearance and intermittently brecciated texture also several lineated 10TCA shear cleavages. Locally also grades into bedded silt (or faulted?) Very broken and fragmented. High compenent of quartz veining with original composition obscured by alteration/bleaching. High intensity of quartz veining towards lower bound of unit. Locally up to 5% white, clay altered feldspar grains.	QZVN	bx	30.0%	w			br	2
411.5	420	Light grey sandstone with a rather bleached appearance and intermittently brecciated texture also several lineated 10TCA shear cleavages. Locally also grades into bedded silt (or faulted?) Very broken and fragmented. High compenent of quartz veining with original composition obscured by alteration/bleaching. High intensity of quartz veining towards lower bound of unit. Locally up to 5% white, clay altered feldspar grains.	MT-SS	fgr	68.0%	gy	qtz	95	br	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
75	270	420					

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
4.5	46.4	Weak orange-brown limonite-rust coating throughout entire unit along healed and open fractures that run frequently concordant to phyllite compositional bedding cleavage.	LIM	1	frac	o
46.4	50.3	intense orange-brown rust-staining in gouged interval	LIM	3	gouge	o
49.6	49.83	green chlorite wedges in massive quartz veining	chl	3	vn	g
50.3	61.55	Weak orange-brown limonite-rust coating throughout entire unit along healed and open fractures that run frequently concordant to phyllite compositional bedding cleavage.	LIM	1	frac	o
61.2	63	intensely rust-stained zone with partial gouging and red-brown limonite stained, clay coated, partially softened fragments Brittle fault across lithological contact between phyllite (above) and sand conglomerate sequence below	LIM	4	gouge	o
61.55	91.9	white clay (?) alteration of feldspars	cy	1	smgr	w
63	76.4	Grey, pervasive silicification is strongly expressed within sandstone sequences in form of textural destruction indicated by: - grain boundary dissolution - equigranular texture - localized absence of feldspar clast were silicification is intensified	SIL	2	perv	gy
63	76.4	Orange-brown rust coating along open and healed fractures and within vuggy quartz veinlets.	LIM	2	frac	o
63	76.4	buff-crème iron-carbonate patches in vuggy quartz veinlets	fecb	1	vn	bf
76.4	77.3	possible scorodite-after-arsenopyrite fracture coating	sco	2	frac	g
76.4	77.3	intensely fractured and rust-stained interval	LIM	3	perv	o
77.3	91.9	pervasive orange-brown rust-staining with frequent sandy-clay coating along fractures	LIM	3	perv	o
77.3	91.9	buff-yellow-orange iron-carbonate alteration in quartz veining	fecb	1	vn	bf
91.9	116	white clay alteration of feldspar clasts	cy	2	smgr	w
91.9	99	dark grey, texturally destructive silicification indicated by extreme absence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains	SIL	3	perv	gy
91.9	97.32	greenish hue and chloritization along cleavages	chl	1	perv	g
97.52	116	intense orange-brown rust-stained clay coating along open fractures	LIM	1	frac	o
97.52	116	white clay-after-sericite alteration: white and pale yellow-green aligned, penetrative seams in silicified matrix	cy	2	perv	w
97.52	116	dark grey, texturally destructive silicification indicated by reduced presence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains	SIL	3	perv	gy
113.9	114.7	grey chloritization along smoot fractures	chl	1	perv	g
113.9	114.7	pastel brown sericicite patches (possibly rust-stained) fractures are smooth, soapy and pearly and also chloritized	ser	2	perv	t
116	117.74	dark grey, texturally destructive silicification indicated by reduced presence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains	SIL	2	perv	gy
116	117.74	white clay alteration of feldspar clasts in sandstone-conglomerate portion of interval	cy	2	smgr	w
132.1	160.5	occasional buff-crème iron-carbonate alteration patches in quartz veining	fecb	1	vn	bf
132.1	148.2	medium grey, texturally destructive silicification indicated by reduced presence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains Intensity of silicification is disrupted by brittle fault zone from 148.20m-149.74m after which feldspar component in matrix and re-introduced by a 2nd britlle structure from 154.30m-157.80m.	SIL	2	perv	gy
148.2	150.43	white clay alteration of feldspar clasts	cy	2	smgr	w
148.2	150.43	dusty white clay coating (up to 0.5mm thick) along (fequently vein associated) fracture surfaces; exact type of clay mineral unknown	cy	3	frac	w

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
151.15	160.5	dusty white clay coating (up to 0.5mm thick) along (fequently vein associated) fracture surfaces; exact type of clay mineral unknown	cy	3	frac	w
151.15	157.8	white clay alteration of feldspar clasts	cy	2	smgr	w
157.8	160.5	medium grey, texturally destructive silicification indicated by reduced presence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains Intensity of silicification is disrupted by brittle fault zone from 148.20m-149.74m after which feldspar component in matrix and re-introduced by a 2nd britlle structure from 154.30m-157.80m.	SIL	2	perv	gy
160.5	166.6	small buff-crème iron-carbonate patches in pyrite mineralizaed quartz veining in phyllite-silt unit	fecb	3	vn	bf
166.6	176.5	small, buff-crème iron-carbonate patches in quartz veining	fecb	2	vn	bf
166.6	176.5	medium grey, texturally destructive silicification indicated by reduced presence of feldspar in sandstone sequences and blurry, grainboundary dissolution of quartz grains	SIL	2	perv	gy
166.6	176.5	white clay alteration of feldspar clasts	cy	2	smgr	w
166.6	176.5	dusty white, powdered clay coating along open and healed fractures (frequently vein associated)	cy	1	frac	w
168	171.2	traces of orange-brown rust-staining in vuggy, ~30TCA vein sets	LIM	1	vn	o
175.8	176.5	intense, partially chloritic, clay alteration in densely veined interval	cy	3	perv	gy
176.5	181.8	buff-crème iron-carbonate alteration patches in quartz veining	fecb	4	vn	bf
177.2	177.7	white clay alteration of feldspar clasts in sandstone interbed	cy	2	smgr	w
177.7	180.26	intense grey-green network of wispy aligned chloirte wedges in intensely pyrite mineralized qtz-fecb-chl veining	chl	4	vn	g
180.26	181.8	white clay alteration of feldspar clasts in sandstone interbed	cy	2	smgr	w
187.2	187.9	Densely spaced, multiply folded quartz-iron-carbonate veining concordant to gouged, bedded phyllite with fine-grained pyrite stringer mineralization. Contacts of interval are concordant to phyllite compositional bedding cleavage @50-55TCA. Bounded by competent rock above & below.	fecb	4	vn	bf
192.1	193.7	Slightly friable intercept with occaccsional stretched, lenselike, ~0.5cm thick foliation concordant quartz ribbons and abundant remobilized graphite as polished coating along compositional bedding cleavages (So). Vein ribbons are pyrite mineralized.	gf	3	fol	n
202.3	202.75	Intensely black and graphitic, soft friable interval that retains foliation fabric and is emplaced concordant to phyllite compositional bedding cleavage So at both upper and lower contact. Bounded by competent rock above and below. Fine-grained disseminated pyrite in two ~15TCA quartz-iron-carbonate veinlets.	gf	3	perv	n
202.3	202.75	Intensely black and graphitic, soft friable interval that retains foliation fabric and is emplaced concordant to phyllite compositional bedding cleavage So at both upper and lower contact. Bounded by competent rock above and below. Fine-grained disseminated pyrite in two ~15TCA quartz-iron-carbonate veinlets.	fecb	2	vn	bf
206.8	207.66	Multiple discrete, friable and patially intensely gouged wedges of 10-20cm width as discrete blocks surrounded by more competent phyllite adn emplaced concordant to phyllite compositional bedding cleavage. Gouged wedges are intensely graphitic and contains very fine-grained disseminated pyrite.	gf	3	perv	n
216.36	219.7	Densely spaced 2-5cm wide quartz-iron-carbonate wedges that cross-cut phyllite bedding foliation and also contain a multitude of variable width angualr phyllite clasts. Occassional euhedral, 1mm grain diameter, pyrite clusters in veining.	fecb	4	vn	bf
219.7	243.3	buff-crème iron-carbonate patches in quartz veining withing sandstone-conglomerate sequences	fecb	2	vn	bf
219.7	243.3	white clay alteration of feldspar clasts	cy	2	smgr	w

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
219.7	243.3	Silicification is dark grey and texturally destructive leading to: - equigranular appearance (in sandstone) - blurred grain boundaries (dissolution) - localized absence of feldspar clasts	SIL	1	perv	gy
219.7	243.3	white, powdered clay coating along open and healed discontinuities, i.e. frequently along mechanical fracture along vein boundaries	cy	3	frac	w
241.8	243.3	grey greenish hue in sand-silt interbed and green chlorite wedges in veining	chl	2	perv	g
243.3	279.05	buff-crème iron-carbonate wedges in occassional, <1cm thick, generally foliation discordant quartz veinlets	fecb	1	vn	bf
279.05	296	Quartz veining ranges from 1-15cm in thickness with prominent buff-creme iron-carbonate patches and grey-green chlorite wedges. Veins are fequently foliation discordant. Chlorite wedges are more infrequent.	chl	2	vn	g
279.05	296	Quartz veining ranges from 1-15cm in thickness with prominent buff-crème iron-carbonate patches and grey-green chlorite wedges. Veins are fequently foliation discordant. Chlorite wedges are more infrequent.	fecb	4	vn	bf
309.2	310.8	multiple, densely spaced, 2-15cm thick quartz veins with prominent green chlorite wedge inclusions and small buff-creme iron-carbonate patches	chl	4	vn	g
309.2	310.8	multiple, densely spaced, 2-15cm thick quartz veins with prominent green chlorite wedge inclusions and small buff-creme iron-carbonate patches	fecb	2	vn	bf
313.6	313.9	pyrite mineralized quartz veining with green chlorite wedges	chl	3	vn	g
315.2	319.2	grey texturally destructive silicification (high gloss appearance) on fine-grained sandstone interbeds	SIL	2	perv	gy
320.77	322.8	intensely silicified interval with high gloss (shiny appearance); texturally destructive grain boundary dissolution	SIL	4	perv	gy
320.77	344.25	white clay alteration of feldspar clasts	cy	2	smgr	w
320.77	344.25	white clay alteration within slicified matrix and especially as powdered coating along vein boundaries	cy	1	perv	w
320.77	322.8	multiple, low core angle, buff-crème iron-carbonate seams	fecb	3	vn	bf
322.8	344.25	occassional buff-crème iron-carbonate wisps in quartz veining - especially in thing vuggy seams	fecb	1	vn	bf
322.8	344.25	Pervasive grey texturall destructive silicifation that leads to blurring of quartz grain boundaries an localized depletion of feldspar clasts.	SIL	2	perv	gy
344.25	356.98	grey, texturall destructive silicification of sandstone that hosts densely distributed quartz veining	SIL	4	perv	gy
357.74	360.8	buff-crème iron-carbonate wedges in quartz veining	fecb	2	vn	bf
392.4	401.5	Silicification on light grey sandstone is texturally destructive and leads to: - depletion of feldspar clasts - grain boundary diissolution of quartz grains	SIL	2	perv	gy
392.4	401.5	white clay alteration of feldspar clasts in light grey silicified sandstone	cy	2	smgr	w
392.4	401.5	occassional buff-crème iron-carboante seams in silicified sandstone with generally milky white fairly broad quartz veining	fecb	2	vn	bf
401.5	411.5	both white clay altered and buff-crème iron carbonate altered matrix seams in Quartz vein breccia with ~5% matrix.	cy	3	frac	w
401.5	411.5	both white clay altered and buff-crème iron carbonate altered matrix seams in Quartz vein breccia with ~5% matrix.	fecb	3	frac	bf
413.7	420	white, powdered clay seams along fractures and in matrix of sandstone-quartzvein breccia	cy	3	frac	w
413.7	420	buff-crème iron-carbonate seams and wisps as veining and within white quartz veining	fecb	2	vn	bf

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
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Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
14.9	15.9	FZ	300.0%	BFZ	soft, plastic, brown, weakly oxidized phyllite gouge
20.9	21.5	FZ	200.0%	BFZ	partially gouged to complete gouged with brownish hue due to rust-staining [within phyllite unit]
46.4	49.6	FZ	100.0%	BFZ	partially blocky, broken and patially gouged; intense rust-staining
49.6	49.83	QZVN	300.0%	BFZ	massive quartz-chlorite vein at lower contact of gouge fragment zone; vein is concordant to phyllite compositional bedding cleavage @ 55TCA
61.2	61.6	FZ	300.0%	BFZ	intensely rust-stained zone with partial gouging and red-brown limonite stained, clay coated, partially softened fragments Brittle fault across lithological contact between phyllite (above) and sand conglomerate sequence below
61.6	63	QZVN	300.0%	BFZ	intensely red-orange-brown rust-stained fragmented zone with arsenopyrite mineralized, brecciated quartz veining
76.4	77.3	FZ	300.0%	BFZ	intensely rust-stained with clay-coated partially softened fragments with possible yellow-green scorodite coating
87.7	90.6	FZ	100.0%	BFZ	Low intensity brittle deformation in form of intermittent, narrow (10-20cm wide), discrete interval with finely crushed, rusty sandy clay coated fragments. Zone consists predominantly of competent core. ~25% crush
90.6	93.14	QZVN	300.0%	SHTV	repeated massive quartz veins (some with aligned, chloritic matrix inclusions) of 20-30cm thickness at lithological unit contact. Veins mark abrupt end of intensely limonite stained unit end. Vein contacts range from 55-70TCA . [puzziling shows that they are subparallel]
116	118.74	QZVN	200.0%	stwk	densely veined interval with variable vein orientations and abundant fine-grained disseminated arsenopyrite; grades into quartz vein breccia towars lower contact
118.74	121.5	QZVN	300.0%	bx	intensely pyrite mineralized quartz vein breccia with ~5% black phyllite clay matrix [overlies lithological contact with phyllite]
121.5	132.1	FZ	400.0%	BFZ	gouged and crushed phyllite with occassionally discernible quartz vein fragments
132.1	136.5	QZVN	200.0%	TVA	repeated, thin, (<0.5cm thick), diffuse tension vein arrays with fine-grained arsenopyrite-pyrite mineralization SZB: 20TCA TVA: 35TCA acute intersection angle of TVA with Sx: ~50 degree
148.2	150.43	FZ	200.0%	BFZ	Partially friable with crushed, gritty fragments. Faut disrupts texturally silicification observed previously above and feldspar clasts are clearly discernible in sandstone-conglomerate structure until a second structure re-introduces silicifcation at 154.30m.
154.3	157.8	FZ	200.0%	BFZ	Coarse grittly and partially gouge coated fragments as part of brittle structure that re-introduces intensely texturally destrucitve silicification (marked by near absence of feldspar clasts). High degree of pyrite-arsenopyrite mineralization following this interval.
178.45	180.26	QZVN	200.0%	stwk	dense network of lense-like chlorite wedges and iron-carbonate veining [30% veining]
187.2	187.9	QZVN	400.0%	BFZ	Densely spaced, multiply folded quartz-iron-carbonate veining concordant to gouged, bedded phyllite with fine-grained pyrite stringer mineralization. Contacts of interval are concordant to phyllite compositional bedding cleavage @50-55TCA. Bounded by competent rock above & below.
192.1	193.7	QZVN	100.0%	BFZ	Slightly friable intercept with occaccsional stretched, lenselike, ~0.5cm thick foliation concordant quartz ribbons and abundant remobilized graphite as polished coating along compositional bedding cleavages (So). Vein ribbons are pyrite mineralized.
197.44	199.6	FZ	300.0%	BFZ	Partially friable & gouged and intensely fragmented in remaining portions of interval. Two 10cm wide fold noses discernible in upper 3rd of interval. Densely quartz veined by foliation concordant and axial planar veining with prominent pyrite cluster and densely disseminated pyrite mineralisation. Gouging at pper contact is gradual. Gouging at lower contact withing more competent phyllite is along ~25TCA (where So is locally ~90degree and intersected at an acute angle of ~60 degrees).
202.3	202.75	FZ	300.0%	BFZ	Intensely black and graphitic, soft friable interval that retains foliation fabric and is emplaced concordant to phyllite compositional bedding cleavage So at both upper and lower contact. Bounded by competent rock above and below. Fine-grained disseminated pyrite in two ~15TCA quartz-iron-carbonate veinlets.

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From	To	Mineral	Intensity	Distribution	Comments
206.8	207.66	FZ	200.0%	BFZ	Multiple discrete, friable and patially intensely gouged wedges of 10-20cm width as discrete blocks surrounded by more competent phyllite and emplaced concordant to phyllite compositional bedding cleavage. Gouged wedges are intensely graphitic and contains very fine-grained disseminated pyrite.
216.36	219.7	QZVN	300.0%	bx	Densely spaced 2-5cm wide quartz-iron-carbonate wedges that cross-cut phyllite bedding foliation and also contain a multitude of variable width angualr phyllite clasts. Occassional euhedral, 1mm grain diameter, pyrite clusters in veining.
225	227.4	QZVN	300.0%	BFZ	Densely spaced 10cm to up to 50cm thick vuggy quartz veining with sulfide blebs and clusters in sandstone and phyllite with in partially rubbled and fragmented zone. Veining generally at 30-40TCA. Buff iron-carbonate patches withing veining.
261.34	262.5	FZ	200.0%	BFZ	partitiall gouged and fragmented core with ~40% interspersed more competent blocks
285.56	289.1	FZ	300.0%	BFZ	highly graphitic interval with friable core, partial gouging and partial fragmentation. Deformed low core anlge iron-carbonate-quartz veins throughout.
305.9	306.57	FZ	300.0%	BFZ	poorly recovered gouge phyllite gouge structure that bounds competent rock
306.9	307	FZ	300.0%	BFZ	Phyllite gouge that bounds competent rock
309.2	310.8	QZVN	200.0%	SHTV	multiple, densely spaced, 2-15cm thick quartz veins with prominent green chlorite wedge inclusions and small buff-crème iron-carbonate patches
313.5	313.6	FZ	300.0%	BFZ	Phyllite gouge that bounds competent rock
313.6	313.9	QZVN	300.0%	SHTV	pyrite mineralized (70TCA) quartz veining with green chlorite wedges
335.6	338.4	QZVN	300.0%	bx	Textural brecciation in sulfide mineralized quartz veining and partial crush & rubble. Dark grey breccia matrix seams are intensely sulfide mineralized and veins contain several arsenopyrite clusters with up to 1mm grain diameter. Several fragments have polished, slickensided sheared pyrite planes. [see point structure table]
344.25	350.7	QZVN	400.0%	SHTV	semi-massive sheeted, white quartz veining @ 50TCA & 30TCA; disseminated sulfides and also chloritized sufide stringers along vein boundaries
352.93	356.98	QZVN	400.0%	bx	Semi-massive quartz veining with intensely brecciated texture and partially fragmented. Brecciated intervals have white angluar fragments surrounded by grey silicified sandstone fragments and dark sulfide seams.
357.24	390.7	QZVN	300.0%	bx	extremely vuggy, iron-carbonate altered quartz vein with angular, folded, lenselike phyllite inclusions aligned at 10TCA; vein conctas are cut off and by phyllite compositional bedding cleavage So - above and below. Faulted vein contacts are graphitic and clay coated.
362.88	390.7	FZ	200.0%	BFZ	Partially gouged, friable and fragment thougout with occassional upt 1m long competent subintervals and interspersed competent blocks. Remobilized, discernibel graphite in partially gouged sections. [see point structures for gouge orientations]
390.7	391.4	FZ	400.0%	BFZ	intensely gouged phyllite at lithological contact
391.4	392.03	QZVN	400.0%	bx	brecciated quartz veining emplaced at low core antly along gouged phyllite with angular phyllite inclusions in veining; friable & partially crushed.
401.5	410.37	QZVN	400.0%	bx	Light grey Quartz Breccia: generally cohesve but friable; 3-30mm diameter angular white to grey quartz clasts in dusty white clay and also buff-crème iron-carbonate altered matrix. ~5% Matrix patrially crushed and shattered
402.1	402.5	QZVN	400.0%	BFZ	pure, milky white, massive, ~15TCA quartz vein within grey quartz breccia zone [late stage?]; upper contact is sharp at 20TCA and lower contact is fragmented
410.37	411.5	FZ	400.0%	BFZ	disseminated pyrite in dark grey gouge with quartz breccia fragments

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	75	270	420				

From	To	Mineral	Intensity	Distribution	Comments
417.2	420	QZVN	300.0%	bx	grey sandstone and quartz vening as brecciated, clast-supported texture (<2% matrix) in form of grey, angular, 4mm clasts cross-cut by planar and folded white veinlets. At least one ~15TCA facture with strongly developed shear lineations. [see point structures]

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
61.6	63	intensely red-orange-brown rust-stained fragmented zone with arsenopyrite mineralized, brecciated quartz veining; arsenopyrite as densely distributed blebs	asp	1	vn
63.4	63.6	sulfide cluster wallrock mineralization associated with low core angle veinlet	py	1	
63.4	63.6	sulfide cluster wallrock mineralization associated with low core angle veinlet	asp	1	
63.4	63.6	sulfide cluster wallrock mineralization associated with low core angle veinlet	gn	0.1	
74	76.4	disseminated arsenopyrite in vuggy quartz veining	asp	1	vn
76.4	77.3	possible scorodite mineralization in form of mouldy yellow-green fracture coating in intensely fragmented, rust-stained and clay coated zone of brittle deformation	sco	0.1	gouge
77.3	79.5	trace fine-grained disseminated in veining	asp	0.01	vn
77.3	79.5	trace fine-grained disseminated in veining	py	0.01	vn
91.9	97.32	trace fine-grained disseminated pyrite in predominantly foliation concordant quartz veining	py	0.01	vn
91.9	97.32	trace fine-grained disseminated arsenopyrite in predominantly foliation concordant quartz veining	asp	0.01	vn
97.52	104.5	trace fine-grained disseminated arsenopyrite associated with pervasive silicification and diffuse quartz veining	asp	0.01	perv
97.52	104.5	trace fine-grained disseminated pyrite associated with pervasive silicification and diffuse quartz veining	py	0.01	perv
104.4	104.5	green-brass-gold iridiscent coating along rust-stained 30TCA veinlet fracture surface	bn	0.5	vn
104.5	106.1	fine-grained arsenopyrite in undulated, very low core angle quartz veining (5-10TCA)	py	0.3	vn
104.5	106.1	pyrite clusters in undulated, very low core angle quartz veining (5-10TCA)	asp	0.7	vn
106.1	116	fine-grained disseminated pyrite & rare clusters as vein wallrock mineralization in silicified matrix	py	0.1	vn
106.1	116	trace, very fine-grained disseminated arsenopyrite as vein wall rock mineralization in silicified matrix	asp	0.01	vn
116	118.74	fine-grained disseminated arsenopyrite and (to a lesser) pyrite in densely veined and silicified interval. Veining generally along boundaries of 5TCA veining.	py	0.3	vn
116	118.74	fine-grained disseminated arsenopyrite and (to a lesser) pyrite in densely veined and silicified interval. Veining generally along boundaries of 5TCA veining.	asp	1	vn
118.74	121.5	densely disseminated (~0.5mm grainsize) pyrite in brecciated quartz veining with black phyllite-clay matrix	py	5	vn
118.74	121.5	trace, very fine-grained disseminated arsenopyrite in brecciated quartz veining with black phyllite-clay matrix	asp	0.1	vn
121.5	132.1	Brittle Fault Zone: friable, gouged black phyllite fragments and soft plastic core wedges with dispersed quartz vein fragments. Disseminated pyrite discernible.	py	0.5	gouge
132.1	136.1	very fine-grained pyrite and arsenopyrite wallrock mineralization densely spaced, diffuse, repeated tension vein array veinlets	asp	0.1	vn
132.1	136.1	very fine-grained pyrite and arsenopyrite wallrock mineralization densely spaced, diffuse, repeated tension vein array veinlets	py	0.2	vn
136.5	142.75	trace, very fine-grained disseminated pyrite & arsenopyrite in silicified matrix of sandstone-conglomerate sequence; possibly wallrock mineralization of low core angle veining	py	0.01	diss
136.5	142.75	trace, very fine-grained disseminated pyrite & arsenopyrite in silicified matrix of sandstone-conglomerate sequence; possibly wallrock mineralization of low core angle veining	asp	0.01	diss
143.05	148.2	trace, very fine-grained disseminated pyrite & arsenopyrite in silicified matrix of sandstone-conglomerate sequence; possibly wallrock mineralization of low core angle veining	py	0.01	diss

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Comments	Mineral	Percent	Distribution
143.05	148.2	trace, very fine-grained disseminated pyrite & arsenopyrite in silicified matrix of sandstone-conglomerate sequence; possibly wallrock mineralization of low core angle veining	asp	0.01	diss
148.2	150.43	fine-grained, disseminated sulfide wallrock mineralization in slightly friable intersection with a multitude of partiall penetrative, diffuse, parallel quartz seams (@35-45TCA)	asp	0.01	vn
148.2	150.43	fine-grained, disseminated sulfide wallrock mineralization in slightly friable intersection with a multitude of partiall penetrative, diffuse, parallel quartz seams (@35-45TCA)	py	0.1	vn
150.43	151.15	foliation concordant (70TCA) pyrite stringer veinlets in phyllite-silt interbed [So=70TCA]	py	0.2	vn
151.15	154.3	trace fine-grained disseminated arseonpyrite in quartz veining	asp	0.01	vn
154.3	157.8	clustered pyrite and disseminated wallrock mineralization in low core angle quartz veining in zone of intense fragmentation [weak brittle deformation]	py	0	vn
157.8	160.5	as fine-grained vein wallrock mineralization in silicified sandstone-conglomerate sequence	asp	0.4	vn
157.8	160.5	partial pyrite stringers within 35TCA quartz veining + other orientations [hoseted in silicified sandstone-conglomerate sequence]	py	2	vn
160.5	166.6	densely disseminated pyrite in predominantly foliation concordant quartz seams in phyllite-silt sequence; mineralization intensity decreases towards lower contact of interval	py	0.8	vn
166.6	169.3	fine-grained disseminated arsenopyrite in intensely vuggy, low core angle, quartz-iron-carbonate veining	asp	0.1	vn
166.6	169.3	pyrite cluster mineralzation + fine-grained disseminated pyrite in intensely vuggy, low core angle iron-carbonate veining	py	1.3	vn
169.3	172.63	small pyrite clusters and blebs in low core angle quartz veinlets	py	0.5	vn
169.3	172.63	trace fine-grained arsenopyrite wallrock mineralisation	asp	0.05	vn
171.98	176.5	pyrite clusters and up to 3mm, euhedral pyrite blebs in 10-30TCA quartz veining in silicified sandstone	py	2	vn
171.98	176.5	fine-grained disseminate arsenopyrite within 10-30TCA quartz veining (frequently at center portion of veining)	asp	0.1	vn
176.5	181.8	pyrite clusters and blebs in qtz-fecb-chl veining in phyllite and sandstone interbedding	py	2	vn
176.5	177.7	disseminated, fine-grained ar.+senopyrite in qtz-fecb-chl veining in broad veining in phyllite-sandstone interbedding	asp	0.1	vn
181.8	187.2	occassional partial thin, foliation concordant pyrite stringers	py	0.01	fol
187.2	187.9	Densely spaced, multiply folded quartz-iron-carbonate veining concordant to gouged, bedded phyllite with fine-grained pyrite stringer mineralization. Contacts of interval are concordant to phyllite compositional bedding cleavage @50-55TCA. Bounded by competent rock above & below.	py	4	vn
187.9	192.1	occassional singular up to 1mm diameter pyrite grains	py	0.01	diss
192.1	193.7	Slightly friable intercept with occaccsional stretched, lenselike, ~0.5cm thick foliation concordant quartz ribbons and abundant remobilized graphite as polished coating along compositional bedding cleavages (So). Vein ribbons are pyrite mineralized.	py	0.5	vn
193.7	197.44	occasional, lenselike, foliation concordant blebs	py	0.01	fol
197.44	199.6	Partially friable & gouged and intensely fragmented in remaining portions of interval. Two 10cm wide fold noses discernible in upper 3rd of interval. Densely quartz veined by foliation concordant and axial planar veining with prominent pyrite cluster and densely disseminated pyrite mineralisation. Gouging at pper contact is gradual. Gouging at lower contact withing more competent phyllite is along ~25TCA (where So is locally ~90degree and intersected at an acute angle of ~60 degrees).	py	2	vn
199.6	202.3	occassional partial thin, foliation concordant pyrite stringers	py	0.01	fol
202.3	202.75	Intensely black and graphitic, soft friable interval that retains foliation fabric and is emplaced concordant to phyllite compositional bedding cleavage So at both upper and lower contact. Bounded by competent rock above and below. Fine-grained disseminated pyrite in two ~15TCA quartz-iron-carbonate veinlets.	py	0.3	vn

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-031	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
	75	270	420				

From:	To:	Comments	Mineral	Percent	Distribution
202.75	206.8	disseminated in foliation concordant veinlets	py	0.05	vn
206.8	207.66	Multiple discrete, friable and patially intensely gouged wedges of 10-20cm width as discrete blocks surrounded by more competent phyllite adn emplaced concordant to phyllite compositional bedding cleavage. Gouged wedges are intensely graphitic and contains very fine-grained disseminated pyrite.	py	0.2	gouge
207.66	216.36	dissminated in occassional, 30TCA foliation concordant quartz-iron-carbonate veinlets	py	0.01	vn
216.36	219.7	Densely spaced 2-5cm wide quartz-iron-carbonate wedges that cross-cut phyllite bedding foliation and also contain a multitude of variable width angualr phyllite clasts. Occassional euhedral, 1mm grain diameter, pyrite clusters in veining.	py	0.2	vn
219.7	225	disseminated, up to 1mm diameter pyrite grains in low core angle quartz-iron-carbonate veining.	py	0.3	vn
225	227.4	Densely spaced 10cm to up to 50cm thick vuggy quartz veining with sulfide blebs and clusters in sandstone and phyllite with in partially rubbled and fragmented zone. Veining generally at 30-40TCA. Buff iron-carbonate patches withing veining.	py	0.8	vn
227.4	236.5	trace fine-grained disseminated pyrite as wallrock mineralization of low core angle quartz veining and withing occassional, vuggy, 30TCA veinlets	py	0.01	vn
243.3	279.05	infrequent disseminated pyrite in quartz veinlets withbuff-crème iron-carbonate wedges in occassiona. Veinlets are spasely distributed and <1cm thick.	py	0.01	vn
279.05	285.56	up to 1mm grain diameter pyrite grains and occassional clusters along vein boundaries and in wall rock of densely spaced, deformed quartz-iron-carbonate-chlorite veining	py	0.6	vn
285.56	289.1	Pyrite disseminated in gouge and gouged fragmetnes inhighly graphitic interval with friable core, partial gouging and partial fragmentation. Deformed low core anlge iron-carbonate-quartz veins throughout.	py	0.3	gouge
289.1	296	up to 1mm grain diameter pyrite grains and occassional clusters along (& within) vein boundaries and in wall rock of densely spaced, deformed quartz-iron-carbonate-chlorite veining. Fine-grained pyrite clusters especially concentrated along graphitic clay coated fragcutre	py	1	vn
291.99	292	possibly very fine-grained, disseminated arsenopyrite in graphtic clay seam along high core angle fracture/cleavage	asp	0.1	gouge
296	309.2	occassionaly fine-grained disseminated pyrite in 30TCA, foliation discordant quartz veinlets	py	0.01	vn
309.2	313.6	disseminated pyrite as vein wallrock minereralization	py	0.2	vn
313.6	313.9	pyrite mineralized sheeted quartz veining with green chlorite wedges	py	0.4	vn
313.9	315.2	disseminated pyrite as vein wallrock minereralization	py	0.2	vn
315.2	320.77	blebs and occassional small clusters in phyllite-silicified sandstone squence in proximity to lithological contact - generally as vein wallrock mineralization	py	0.5	vn
315.2	320.77	occassional singular grains iin phyllite-silicified sandstone squence in proximity to lithological contact - generally as vein wallrock mineralization	asp	0.05	vn
320.77	322.8	as vein wallrock mineralization in silicified sandstone	asp	0.1	vn
320.77	322.8	as vein wallrock mineralization in silicified sandstone	py	0.5	vn
322.8	327	arsenopyrite disseminated within quartz veining and as vein wallrock mineralization in silicified sandstone	asp	0.3	vn
322.8	327	pyrite disseminated within quartz veining and as vein wallrock mineralization in silicified sandstone; occassionally clustered	py	0.8	vn
327	330.1	up to 1mm diameter pyrite and arsenopyrite grains within vuggy quartz veining in silicified sandstone. Both sulfides frequently side by side and within veining rather than wallrock.	py	1	vn
327	330.1	up to 1mm diameter pyrite and arsenopyrite grains within vuggy quartz veining in silicified sandstone. Both sulfides frequently side by side and within veining rather than wallrock. [often in 40TCA veins]	asp	0.5	vn
330.1	335.6	occassional partially penetratvie pyrite stringers + up to 1mm diameter pyrite and arsenopyrite grains within vuggy quartz veining in silicified sandstone. Both sulfides frequently side by side and within veining rather than wallrock.	py	1	vn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Comments	Mineral	Percent	Distribution
330.1	335.6	up to 1mm diameter pyrite and arsenopyrite grains within vuggy quartz veining in silicified sandstone. Both sulfides frequently side by side and within veining rather than wallrock.	asp	0.6	vn
335.6	338.4	Textural brecciation in sulfide mineralized quartz veining and partial crush & rubble. Dark grey breccia matrix seams are intensely sulfide mineralized and veins contain several arsenopyrite clusters with up to 1mm grain diameter. Several fragments have polished, slickensided sheared pyrite planes. [see point structure table]	py	2	vn
335.6	338.4	Textural brecciation in sulfide mineralized quartz veining and partial crush & rubble. Dark grey breccia matrix seams are intensely sulfide mineralized and veins contain several arsenopyrite clusters with up to 1mm grain diameter. Several fragments have polished, slickensided sheared pyrite planes. [see point structure table]	asp	1.5	vn
338.4	344.25	disseminated arsenopyrite and rare clusters in quartz veining and as wallrock mineralization in silicified sandstone	asp	0.3	vn
338.4	344.25	occassional pyrite clusters and disseminated pyrite quartz veining and as wallrock mineralization in silicified sandstone	py	0.8	vn
344.25	350.7	semi-massive sheeted, white quartz veining @ 50TCA & 30TCA; disseminated sulfides and also chloritized sufide stringers along vein boundaries	asp	1	vn
344.25	350.7	semi-massive sheeted, white quartz veining @ 50TCA & 30TCA; disseminated sulfides and also chloritized sufide stringers along vein boundaries [veining hosted in silicified sandstone]	py	2	vn
346	346.1	galena bleb in semi-massive, 40TCA, sheeted quartz vein; galena bleb is part of mixed sulfide 30TCA stringer that intersects vein contact orientation at 60 degree angle [core puzzles]	gn	1	vn
350.7	352.93	disseminated in low core angle, vuggy, quartz-iron-carbonate veinlets	asp	0.2	vn
350.7	352.93	disseminated in low core angle, vuggy, quartz-iron-carbonate veinlets	py	0.5	vn
352.93	353.1	semi-massive, gouged pyrite bands @50TCA	py	50	gouge
352.93	353.1	semi-massive, gouged pyrite bands @50TCA with fine-grained disseminated arsenopyrite	asp	20	gouge
352.93	356.98	Semi-massive quartz veining with intensely brecciated texture and partially fragmented. Brecciated intervals have white angluar fragments surrounded by grey silicified sandstone fragments; fine-grained dissemianted sulfides	py	2	vn
352.98	356.98	Semi-massive quartz veining with intensely brecciated texture and partially fragmented. Brecciated intervals have white angluar fragments surrounded by grey silicified sandstone fragments; fine-grained dissemianted sulfides	asp	0.8	vn
356.98	360.8	disseminated pyriet and low core angle pyrite stirngers in quartz-iron-carbonate veining in lithological contact zone	py	0.3	vn
360.8	362.88	fine-grained disseminated along compositional bedding cleavage in phyllite	py	0.05	fol
362.88	368.55	very fine-grained disseminated in friable, partially gouged, graphitic phyllite	py	0.1	gouge
368.55	375	very fine-grained disseminated as diffuse stringer seams along compositional bedding cleavage in partially gouged, friable, graphitic phyllite	py	0.1	fol
375	379.2	fine-grained disseminated along compositional bedding cleavage in phyllite	py	0.1	fol
379.2	384	densely, very fine-grained disseminated pyrite as loose linear assembies along phyllite compositional bedding cleavage So	py	0.3	fol
384	390.7	trace fine-grained disseminated pyrite	py	0.05	diss
384	390.7	disseminated pyrite in occassional low core angle quartz veinlets (generally at 25TCA)	py	0.05	vn
390.7	391.4	intensely gouged, graphitic phyllite with discernible quartz vein fragments and locally densely disseminated, very fine-grained pyrite; low core angle pyrite stringers at upper contact of interval	py	0.6	gouge
391.4	392.03	pyrite clusters in brecciated quartz veining emplaced along low core angle gouged phyllite wedges	py	1	vn
392.03	392.2	in silt-sand interbed in near proximinty to lithological contact	py	0.5	diss

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

From:	To:	Comments	Mineral	Percent	Distribution
392.2	392.4	20cm thick, gouged phyllite interbed with foliation concordant pyrite stringers; pyrite grains are euhedral with up to 2mm diameter	py	10	fol
392.4	401.5	very fine-grained disseminated pyrite and rare sheetlike clusters together with extremely fine-grained arsenopyrite in silicified sandstone -- not neccessariy vein related as fairly removed from vein boundaries	asp	0.2	diss
392.4	401.5	very fine-grained disseminated pyrite and rare sheetlike clusters together with arsenopyrite in silicified sandstone -- not neccessariy vein related as fairly removed from vein boundaries	py	0.4	diss
401.5	410.37	very fine-grained disseminated pyrite and arsenopyrite in Quartz Vein Breccia	asp	0.3	diss
401.5	410.37	very fine-grained disseminated pyrite and arsenopyrite in Quartz Vein Breccia	py	0.6	diss
410.37	411.5	disseminated pyrite in dark grey gouge with quartz breccia fragments	py	0.2	gouge
411.5	413.7	very fine-grained disseminated	asp	0.05	diss
411.5	413.7	fine grained disseminated	py	0.3	diss
413.7	417.2	trace fine-grained disseminated	py	0.01	diss

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
7	Bedding		So	LIM		45			phyllite compositional bedding cleavage with frequent iron-stained clay coating
10	Bedding		So	LIM		45			phyllite compositional bedding cleavage with frequent iron-stained clay coating
11.7	Veins			cy		55			fragmented vuggy, ~5cm thick quartz vein with manganese oxide stained clay coating in vugs and along contacts
12	Axial Plane		Fx			50			tightly folded cink fold profile
14	Cleavage		So			70			compositional bedding cleavage in phyllite
14	Veins			cy		0			undulated and fragmented vuggy, ~5cm thick quartz vein with manganese oxide stained clay coating in vugs and along contacts
16.5	Bedding		So			55			compositional bedding cleavage in phyllite
16.6	Veins				AXP	40			axial planar to flex-folding in So; intersects So at an acute angle of ~75 degrees
16.65	Veins				FOL	55			two, tightly spaced, foliation concordant quartz veinlets
17.3	Bedding		So			50			compositional bedding cleavage in phyllite
18.3	Bedding		So			50			compositional bedding cleavage in phyllite
20.6	Bedding		So			60			compositional bedding cleavage in phyllite
23.7	Bedding		So			55			compositional bedding cleavage in phyllite
25	Bedding		So			50			compositional bedding cleavage in phyllite
26.8	Bedding		So			50			compositional bedding cleavage in phyllite
29.8	Bedding		So			45			compositional bedding cleavage in phyllite
32	Bedding		So			40			compositional bedding cleavage in phyllite
33	Bedding		So			45			compositional bedding cleavage in phyllite
35.9	Bedding		So			45			compositional bedding cleavage in phyllite
38	Bedding		So			40			compositional bedding cleavage in phyllite
38.7	Veins			fecb	Veinlets	35			undulated (flex-folded), intensely vuggy, ~1cm thick quartz veinlets with brown, bladed iron-carbonate mineral infill
41	Bedding		So			38			compositional bedding cleavage in phyllite
43	Bedding		So			38			compositional bedding cleavage in phyllite

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
43.95	Veins			fecb	Veinlets	38			~0.5cm thick, foliation concordant, singular, vuggy veinlet with bladed, brown iron-carbonate infill
45.2	Bedding		So			40			compositional bedding cleavage in phyllite
47.5	Bedding		So			30			compositional bedding cleavage in phyllite-silt sequence
48	Bedding		So			30			compositional bedding cleavage in phyllite-silt sequence
49.58	Bedding		So			55			compositional bedding cleavage in phyllite-silt sequence
49.6	Veins			chl	FOL	55			massive, ~30cm thick, quartz-chlorite vein with contacts concordant to compositional bedding cleavage in phyllite-silt sequence
50	Bedding		So			40			compositional bedding cleavage in phyllite
51.5	Veins			LIM	Veinlets				repeated, vuggy, rust-stained veinlets that intersect phyllite So at an acute angle of 10 degrees
51.5	Bedding		So			40			compositional bedding cleavage in phyllite
53	Bedding		So			45			compositional bedding cleavage in phyllite
55	Bedding		So			45			compositional bedding cleavage in phyllite
57.3	Bedding		So			40			compositional bedding cleavage in phyllite
58.5	Veins			LIM	SHTV	25			repeated rust-stained, vuggy quartz veinlets
59	Bedding		So			38			compositional bedding cleavage in phyllite
60	Bedding		So			35			compositional bedding cleavage in phyllite
61.4	Faults			LIM	Gouge	35			rust-stained gouge wedge emplaced concordant to compositional bedding cleavage in phyllite
61.4	Bedding		So		Gouge	35			rust-stained gouge wedge emplaced concordant to compositional bedding cleavage in phyllite
63.5	Veins			asp		10			wallrock arsenopyrite cluster
63.5	Veins			gn		50			sulfide cluster wallrock mineralization
66	Veins			LIM		70			3cm thick, vuggy quartz veilet
66.6	Contact				FOL	48			upper phyllite interbed contact concordant to phyllite So
66.8	Bedding		So			48			in 30cm wide phyllite interbed
66.9	Contact				FOL	50			upper phyllite interbed contact concordant to phyllite So
71	Veins			LIM	SHTV	50			repeated rust-stained, vuggy quartz veinlets
71.5	Veins			LIM	SHTV	35			repeated rust-stained quartz veinlets
72.6	Veins			fecb	MASS	35			~30cm thick, semi-massive yellow-white quartz vein
75.2	Veins			asp		40			arsenopyrite cluster mineralized, vuggy quartz vein
75.3	Veins			asp	SHTV	35			vuggy, arsenopyrite mineralized veinlets
76.4	Veins		V1	LIM		50			veins penetrated by arsenopyrite stringers that intersect vein boundary at an acute angle of ~65 degrees
76.4	Veins		V2	asp	Veinlets	30			multiple arsenopyritestringers that penetrate over quartz vein boundaries
77.3	Veins			LIM	Gouge	30			chlorite-clay gouge along thin rust-stained veinlet at lowr bound of faulted, possibly scorodite mineralized zone
78.5	Veins			asp	BOUD				randome, arsenopyrite mineralized, vein boudins (folded and only partially penetrative)
78.5	Cleavage		Sx			60			alignmet of wispy dark grey matrix seams in sandstone
78.8	Veins			py		25			pyrite mineralized, vuggy veinlet
80.1	Veins			py	Veinlets	30			two vuggy, iron-carbonate altered, pyrite mineralized veinlets
80.65	Veins			asp		55			15cm thick, sulfide mineralized vein
82	Veins				FOL	50			multiple, slightly vuggy veinlets concordant to alignment of wispy matrix seams
82	Cleavage		Sx			50			alignmet of wispy dark grey matrix seams in sandstone

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
82.2	Veins				FOL	55			deformed discontinous veinlets concordant to alignment of matrix seams
83.8	Veins		Sx			55			alignmet of penetrative dark grey matrix seams in conglomerate as well as slight alignmet of quartz clasts
84.6	Veins				SHTV	50			vuggy, partially bulging and not always fully penetrative veinlets
86.8	Cleavage		Sx			60			alignmet of wispy dark grey matrix seams in conglomerate
90.2	Veins			LIM	Veinlets	30			repeated vein orienation in granule size conglomerate sequence
90.3	Cleavage			LIM	cy	55			rusty clay coated cleavages that bound narrow crush intervals
90.5	Veins			LIM	FOL	55			multiple, variable thickness quartz veins concordant to alignment of matrix seams in granule size conglomerate sequence
91.9	Veins				SHTV	60			repeated massive quartz veins (some with aligned, chloritic matrix inclusions) of 20-30cm thickness at lithological unit contact. Veins mark abrupt end of intensely limonite stained unit end. Vein contacts range from 55-70TCA . [puzziling shows that they are subparallel]; veins are weakly sulfide mineralized and appear concordant to alignment of light grey matrix seams
92.5	Veins			asp	FOL	55			25cm thick vein concordant to alignment of light grey silicified matrix seams [part of sheeted vein pattern]
92.8	Cleavage		Sx			53			alignment of light grey silicified matrix seams
96	Cleavage		Ssh			50			alignment of dark grey matrix seams and ribboned stretching of quartz clasts in conglomerate interbed
97	Cleavage		Sx						alignment of light grey silicified matrix seams
97.32	Contact				FOL	40			upper contact of isoloated, 20cm thick phyllite interbed concordant to phyllite compositional bedding cleavage
97.4	Bedding		So			40			phyllite compositional bedding cleavage in narrow interbed
98	Veins			asp	Veinlets	30			deformed, blurry, arsenopyrite mineralized densely spaced vein package
98.5	Cleavage		Sx			70			alignment of white (clay?) seams in silicified sandstone matrix
98.5	Veins			py	FOL	65			pyrite mineralized veinlets concordant to alignment of white clay seams in silicified sandstone matrix
101.7	Joints			LIM	Clay	5			rust-stained, clay coated low core angle fracture
102.5	Cleavage		Sx			60			alignment of white (clay?) seams in silicified sandstone matrix
104	Veins			py	FOL	55			pyrite mineralized veinlets concordant to alignment of white clay seams in silicified sandstone matrix
104.5	Veins			asp		5			long-running, pyrite and arsenopyrite mineralized, low core angle vein
106.4	Veins			py	FOL	65			pyrite mineralized veinlets concordant to alignment of white clay seams in silicified sandstone matrix
109.6	Veins				SHTV	55			group of densely spaced, parallel veinlets in conglomerate sequence
112.2	Veins			ser	Veinlets	30			two parallel, 2cm thick quartz veins in seriticized interval
114.3	Veins			asp		30			vuggy, iron-carbonate-quartz vein seam that intersects matrix alignment at an acute angle of 90 degrees
114.3	Cleavage		Sx			45			alignment of dark grey, diffuse lamellae at ~1cm spacing in silicified sandstone matrix
114.6	Veins			py	SHTV	30			flex-folded, pyrite mineralized, parallel veinlets
116	Veins				Veinlets	35			repeated, Sx-concordant veinlets
116.25	Veins			asp		5			intensely arsenopyrite mineralized, long-running, undulated, low core angle quartz vein
117	Cleavage		Sx			35			alignment of dark grey, diffuse lamellae at ~1cm spacing in silicified sandstone matrix
117.5	Veins			asp		25			arsenopyrite mineralized vein orientation in densely veined interval

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
133.5	Veins				SZB	20			repeated, thin, (<0.5cm thick), diffuse tension vein arrays with fine-grained arsenopyrite-pyrite mineralization
133.5	Veins			asp	TVA	30			repeated, thin, (<0.5cm thick), diffuse tension vein arrays with fine-grained arsenopyrite-pyrite mineralization
135.4	Veins			asp		30			~4cm thick, arsenopyrite mineralized vein orientation
135.5	Cleavage		Sx			60			alignment of dark grey, diffuse lamellae at ~1cm spacing in silicified sandstone matrix
135.8	Veins				SZB	25			repeated, thin, (<0.5cm thick), diffuse tension vein arrays with fine-grained arsenopyrite-pyrite mineralization
135.8	Veins			asp	TVA	35			repeated, thin, (<0.5cm thick), diffuse tension vein arrays with fine-grained arsenopyrite-pyrite mineralization
136.1	Veins				SZB	20			alignment of dark grey, diffuse lamellae at ~1cm spacing in silicified sandstone matrix
136.1	Veins				TVA	35			alignment of dark grey, diffuse lamellae at ~1cm spacing in silicified sandstone matrix
139.2	Veins		V1			40			V1 is cut-off by V2 at an acute angle of 35 degrees.
139.2	Veins		V2			20			V1 is cut-off by V2 at an acute angle of 35 degrees.
139.85	Veins			fecb	Veinlets	48			repeated diffuse veinlets
139.85	Veins			fecb		5			partially penetrative, diffuse veinlet
141.3	Veins				SHTV	40			variable thickness, parallel quartz veining in conglomerate sequence
141.5	Faults				Gouge	40			localized, narrow, partially recoverd, ~20cm thick, crush-gouge interval
142.75	Contact				FOL	80			upper contact of 30cm thick phyllite interbed concordant to Phyllite So
142.8	Bedding		So			80			compositional bedding cleavage in 30cm thick phyllite interbed
143.25	Veins			fecb	Veinlets	40			densely spaced, localized, parallel veinlets
145.5	Veins			fecb	Veinlets	30			repeated vein orienation in silicified sandstone
150.43	Contact				FOL	60			upper phyllite interbed contact concordant to phyllite So that cuts off veining in conglomerate above
150.43	Faults				FOL	60			upper phyllite interbed contact concordant to phyllite So that cuts off veining in conglomerate above
150.44	Bedding		So			60			phyllite compositional bedding cleavage
150.7	Veins			py	FOL	65			foliation (So) concordant pyrite stringer veinlets in phyllite interbed
151.15	Contact				FOL	60			lower contact of phyllite interbed with sandstone interbed below concordant to phyllite So
151.7	Veins		V2	fecb	SHTV	50			repeated veinlet orientation
151.8	Veins		V1	fecb	Veinlets	25			repeated veinlet orienation cross-cut by V2
152.45	Contact				Gouge	60			softened, friable, ~4cm phyllite interbed wedge; contact concordant to phyllite So
153.3	Faults			py	Gouge	80			~6cm thick sandy crush with high core angle phyllite seams in conglomerate at upper contact; sandy crush in pyrite mineralized
154.2	Joints				Clay	30			dusty, powdered, white clay coating along repeated, blocky fractures
158	Veins			asp	SHTV	25			pyrite-aresonpyrite mineralized, repeated vein orientation
159.4	Veins			py	Veinlets	25			mulitple, densely packed, partially penetrative, pyrite cluster mineralized veinlets
160.5	Contact			py	FOL	60			intensely pyrite mineralized upper contact of phyllite unit concordant to phyllite compositional bedding cleavage (So)
160.75	Cleavage		S1			35			well expressed fabric in phyllite; So intersects S1 at ancute angle of ~15 degrees
160.75	Bedding		So			50			phyllite compositinal bedding cleavage
161.8	Bedding		So			79			phyllite compositinal bedding cleavage

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
161.8	Cleavage		S1			88			well expressed fabric in phyllite; So intersects S1 at ancute angle of ~15 degrees
162.5	Bedding		So			70			phyllite compositinal bedding cleavage
162.5	Veins			py		60			pyrite mineralized quartz vein that intersects phyllite So at an acut angle of ~30 degrees
164.9	Bedding		So			70			phyllite compositinal bedding cleavage
166	Veins				AXP	25			axial planar to cink-folding in So
166.1	Axial Plane		Fx			25			cink-folding in So in phyllite
166.2	Veins		V1	fecb	SHTV	10			repeated vein orientation cross-cut by V2
166.2	Veins		V1	fecb	SHTV	20			extremly vuggy vein orienation that cross-cuts V1
171.3	Veins			py	TVA	40			Intensely pyrite mineralized: Shearzone boundary appears to undulate -- possible a sheeted, boudinaged group of parallel veinlets?
172.63	Contact				FOL	85			silty, ~30cm thick interbed; concordant to So
172.7	Bedding		So			85			narrow, singluar silt interbed compositional bedding cleavage
173	Veins				SHTV	30			repeated vein orienation
175.3	Veins			py		10			undulated, low core angle, densely pyrite clustered vein orienation
176	Veins				Veinlets	50			repeated, parallel vein seams
176.5	Contact			asp	FOL	65			arsenopyrite stringer along lithological contact between sandstone above and phyllite below
176.55	Bedding		So			65			phyllite compositional bedding cleavage
177.2	Veins			asp	SHTV	50			partially fragmented, densely spaced, sulfided mineralized quartz veins in sandstone interbed in phyllite-sand sequence unit
177.7	Contact			py	FOL	25			upper contact of phyllite interbed that cuts off sheeted quartz veining in sandstone above; concordant to phyllite compositional bedding cleavage
177.7	Faults			py	FOL	25			upper contact of phyllite interbed that cuts off sheeted quartz veining in sandstone above; concordant to phyllite compositional bedding cleavage
177.71	Bedding		So			25			phyllite compositional bedding cleavage
178.44	Bedding		So			40			phyllite compositional bedding cleavage
180.26	Contact				FOL	40			lower contact of phyllite interbed that cuts off sheeted quartz veining in sandstone below; concordant to phyllite compositional bedding cleavage
180.26	Faults				FOL	40			lower contact of phyllite interbed that cuts off sheeted quartz veining in sandstone below; concordant to phyllite compositional bedding cleavage
180.5	Veins			py	SHTV	30			repeated, fecb-qtz veins in sandstone interbed
181.7	Veins			fecb		30			pyrite mineralized iron-carbonate veinlet
181.8	Contact				FOL	60			upper contact of graphitic phyllite unit concordant to So in graphitic phyllite
181.81	Bedding		So			60			phyllite compositional bedding cleavage
184	Bedding		So			60			phyllite compositional bedding cleavage
186.4	Bedding		So			55			phyllite compositional bedding cleavage
186.7	Bedding		So			25			phyllite compositional bedding cleavage
186.7	Axial Plane		Fx			60			low amplitude flex-folding; AXP intersects So at an acute angle of 90 degrees
187.19	Bedding		So			60			phyllite compositional bedding cleavage
187.2	Faults			py	Gouge	60			intensely mineralized and veined, high strain fault gouge [see structure table]
187.2	Faults				FOL	60			intensely mineralized and veined, high strain fault gouge [see structure table]

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
187.8	Veins			fecb	FOL	60			intensely mineralized and veined, high strain fault gouge [see structure table]
188	Axial Plane		Fx			55			shallow flex-folding in So
188	Bedding		So			55			phyllite compositional bedding cleavage
188	Cleavage		S1			55			S1 intersect So at an acute angle of So
188.3	Veins			fecb		30			partially penetrative iron-carbonate seams
189	Bedding		So			70			phyllite compositional bedding cleavage
189	Veins			py	FOL	70			densely spaced, wispy foliation concordant pyrite stringers
191	Bedding		So			65			phyllite compositional bedding cleavage
192.4	Veins			py	FOL	65			occassional pyrite mineralized, qtz-fecb, foliation concordant veinlets in brittle zone of deformation
194.1	Cleavage		S1			55			S1 intersects So at an acute angle of 50 degrees
194.1	Bedding		So			70			phyllite compositional bedding cleavage
195	Axial Plane		Fx			70			open fold profile with ~4cm amplitude
195	Bedding		So			20			AXP intersects So at an acute angle of 80 degrees
195.6	Bedding		So			65			phyllite compositional bedding cleavage
197.4	Bedding		So			70			phyllite compositional bedding cleavage
197.7	Bedding		So		Gouge	60			friable phyllite in zone of brittle deformation; phyllite compositional bedding cleavage
198.4	Veins			py	AXP	45			pyrite mineralized vein axial planar to gouged friable open fold nose
198.45	Bedding		So			0			friable open fold nose; intensely vein mineralized
199.4	Faults				Gouge	30			gouge emplace at 30TCA intersecting So at an acute angle of 70 degrees
199.4	Bedding		So			60			phyllite compositional bedding cleavage
201.5	Bedding		So			70			phyllite compositional bedding cleavage
202.3	Faults				FOL	70			gouged friable interval concordant to So
202.3	Bedding		So		Gouge	70			gouged friable interval concordant to So; phyllite compositional bedding cleavage
204.15	Veins			chl	FOL	65			vuggy densely spaced, massive, quartz-chlorite-iron carbonate veining
204.15	Bedding		So			65			phyllite compositional bedding cleavage
204.18	Axial Plane		Fx			65			cink folding in phyllite
204.19	Contact				AXP	65			upper contact of silt interbed that runs axial planar to cink folding in phyllite foliation above
204.5	Bedding		So			60			phyllite compositional bedding cleavage
204.67	Faults					40			upper contact of densely veined phyllite bed that cuts off veining in silt sequence above
205	Axial Plane		Fx			90			mulitple tightly folded profiles
205.08	Faults				FOL	75			lower contact of silt interbed -- where veining in silt is cut-off at contact by phyllite below
205.09	Bedding		So			75			phyllite compositional bedding cleavage
205.5	Veins			py	Veinlets	20			pyrite mineralized group of veinlets (intersect So at 60 degree)
205.5	Bedding		So			30			compositional bedding cleavage in phyllite
205.55	Axial Plane		Fx			50			AXP intersects So at an acute angle of 55 degrees
205.55	Bedding		So			5			phyllite compositional bedding cleavage
205.6	Bedding				FOL	45			several round, oval sandstone lenses (within phyllite) with long axis aligned along phyllite compositional bedding cleavage So
207	Veins			fecb	STWK	30			densely packed iron-carbonate seams in silt interbed in zone of brittle deformation
207.2	Veins			fecb	STWK	40			vuggy vein orienation in stockworked silt nterbed

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
207.9	Veins			fecb		20			quartz-iron carbonate vein that intersects So at an acute angle of 70 degrees
208	Bedding		So			65			phyllite compositional bedding cleavage
210	Bedding		So			70			phyllite compositional bedding cleavage
214	Cleavage		S1			55			S1 intersects So at an acute angle of 25 degrees
214	Bedding		So			70			phyllite compositional bedding cleavage
214.2	Veins				FOL	55			concordant to S1
214.7	Veins				BOUD	12			intersect So at an acute angle of 80 degrees
216.2	Cleavage		S1			65			S1 intersects So at an acute angle of 25 degrees
216.2	Bedding		So			88			phyllite compositional bedding cleavage
217	Bedding		So			55			phyllite compositional bedding cleavage in zone of brittle deformation with intense qtz-iron carbonat eveinig
217	Veins			fecb	bx matrix				densely spaced, random, pyrite mineralized quartz-iron-carbonate veining with angular phyllite clast inclusions
220	Veins			fecb	SHTV	20			repeated, parall, occassionally pyrite mineralized quartz veins
222	Veins			fecb	SHTV	15			repeated, parallel, low core angle quartz veining that intersects So in phyllite at an acute angle of ~80 degrees
222.1	Bedding		So			85			phyllite interbed compositional bedding cleavage
222.5	Contact				FOL	85			upper contact of phyllite interbedding with sandstone above -- concordant to Phyllite So
225	Bedding		So			75			phyllite interbed compositional bedding cleavage
225.5	Veins				SHTV	30			repeated parallel veinlets
226.15	Veins			py	MASS	30			upper contact of massive, ~50cm thick, pyrite mineralized quartz vein
228	Veins				SHTV	30			repeated, parallel, occassionally pyrite mineralized, 1-5cm thick quartz veins
230.5	Veins				Veinlets	15			occassional, ~1cm thick, very low core angle quartz veinlets
232.8	Joints			cy		40			frequent, blocky (mechanically induced?) fractures with powdered white clay coating
233.6	Veins			py	SHTV	30			repeated, parallel, occassionally vuggy and pyrite mineralized quartz veinlets
234	Veins				SHTV	15			densely spaced 15TCA quartz veinlets
236	Veins				Veinlets	50			repeated vein orientation
236.5	Veins		V1		SHTV	5			V1 is off-set by V2
236.5	Veins		V2		SHTV	50			V2 off-sets V1
237	Veins		V2		SHTV	50			V2 off-sets V1
237	Veins		V1		SHTV	15			V1 is off-set by V2
239	Veins				SHTV	60			diffuse thin veinlets that cross-cut V1
239	Veins				SHTV	10			diffuse thin veinlets that are cross-cut by 60TCA veinlets
241.5	Veins		V1		SHTV	5			V1 is offset by V2
241.5	Veins		V2		SHTV	50			V2 offsets V1
242.8	Veins			fecb	SHTV	35			densely spaced iron-carbonate-quartz veinlets in chloriteized sandsonte
243.2	Veins			py	FOL	65			pyrite stringer (So concordant), chlorite-quartz-iron-carbonate vein at lithological contact between sandstone above and phyllite below
243.3	Contact				FOL	65			upper contact of phyllite uni concordant to phyllite compositional bedding cleavage (So)
243.31	Bedding		So			65			phyllite compositional bedding cleavage

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
244	Bedding		So			70			compositional bedding cleavage in phyllite
244.5	Veins				SHTV	35			iron-carbonate veinlets in fault displaced sandstone interbed -- veining cut off at contacts
245.35	Faults				Gouge	80			thin phyllite gouge wedges along upper contact of sandstone interbed with cut-off veining
245.35	Contact				Gouge	80			thin phyllite gouge wedges along upper contact of sandstone interbed with cut-off veining
245.5	Veins			fecb	AXP	0			axial planar veinlets to flex folding in So
245.72	Faults				Gouge	20			phyllite gouge along lower contact of ~40cm thick sandstone interbed; contact cuts off veining in sandstone
245.72	Contact				Gouge	20			phyllite gouge along lower contact of ~40cm thick sandstone interbed; contact cuts off veining in sandstone
247.7	Veins			fecb	FOL	80			thin seams
247.7	Veins			fecb		30			intersect So at an actue angle of 70 degree
248	Bedding		So			80			compositional bedding cleavage in phyllite
250.93	Veins					70			S-folded vuggy veinlet that locally flexes foliatoin so that vein axial plane is concordant to So
251	Cleavage		S1			65			S1 intersects So at an acute angle of ~15degrees
251	Bedding		So			88			compositional bedding cleavage in phyllite
252	Veins			fecb	SHTV	30			repeated iron-carbonate seams that intersect So at an acute angle of ~80 degrees
252	Bedding		So			85			compositional bedding cleavage in phyllite
253	Bedding		So			75			compositional bedding cleavage in phyllite
255.4	Veins					35			vein orientation in silt interbed
256.1	Veins			py	FOL	75			foliation concordant pyrite stringers
256.11	Bedding		So			75			compositional bedding cleavage in phyllite
258	Bedding		So			90			compositional bedding cleavage in phyllite
258.25	Veins			py		5			pyrite mineralized, partially penetrative vein that intersects So at 80 degrees
260.4	Veins			py		35			pyrite mineralized veinlet that intersects So at an acute angle of 75 degrees
261	Bedding		So			75			compositional bedding cleavage in phyllite
262.5	Veins			fecb		5			veinlet intersects So at right angle
262.55	Bedding		So			70			compositional bedding cleavage in phyllite
263.5	Bedding		So			50			compositional bedding cleavage in phyllite
264.35	Faults			py	Gouge	40			localized, ~5cm width, gouging of core with intense pyrite mineralization [foliation discordant -- intersects So at 80 degree]
264.36	Veins			fecb		40			fault gouge concordant, iron-carbonate seams that intersect So at 80 degrees
264.5	Bedding		So			40			compositional bedding cleavage in phyllite
266	Bedding		So			75			compositional bedding cleavage in phyllite
267.3	Cleavage		S1			60			S1 intersects So at an acute angle of 40 degrees
267.3	Bedding		So			20			compositional bedding cleavage in phyllite
268.5	Cleavage		S1			60			S1 intersects So at an acute angle of 50 degrees
268.5	Bedding		So			20			compositional bedding cleavage in phyllite
270.6	Bedding		So			22			compositional bedding cleavage in phyllite
273.9	Bedding		So			30			compositional bedding cleavage in phyllite
273.9	Cleavage		S1			30			S1 intersects So at 30 degrees

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
274.8	Veins			py	Veinlets	15			multiple, pyrite mineralized, densely spaced, partially penetrative vein seams
275.5	Bedding		So			50			compositional bedding cleavage in phyllite
275.7	Axial Plane		Fx			50			mulitiple closed fold with ~3cm aplitudes
276	Bedding		So			50			compositional bedding cleavage in phyllite
278.2	Bedding		So			10			mulitply cink-folded (measured peak-to-peak)
278.2	Axial Plane		Fx			70			axial plane to multiple, continous cink folds in So; axial plane intersects peak-to-peak So at an actue angle of 60 degrees
279.05	Veins			py		75			repeated 70-80TCA pyrite mineralized veins near lithological/textural contact
279.95	Bedding		So			30			compositional bedding cleavage in phyllite
280	Bedding		So			20			compositional bedding cleavage in phyllite
281	Bedding		So			50			compositional bedding cleavage in phyllite
281.7	Veins			py		30			undulated, pyrite mineralized veinlet
282.1	Veins			fecb	SHTV	30			densely spaced deformed iron-carbonate veinlets
282.3	Bedding		So			20			compositional bedding cleavage in phyllite
282.3	Veins				MASS	65			intersects So at 40 degrees
282.7	Veins			py	Veinlets	30			veinlets intersect So at 15 degrees
283	Bedding		So			25			compositional bedding cleavage in phyllite
284	Bedding		So			20			compositional bedding cleavage in phyllite
284.6	Bedding		So			60			compositional bedding cleavage in phyllite
284.8	Veins			py	SHTV	70			stretched and patially folded veinlets where unfolded vein orientation and axial plane of folded veins are parallel to 70TCA
284.95	Veins			py		90			pyrite mineralized vein orientation
285.5	Bedding		So			15			compositional bedding cleavage in phyllite
285.5	Veins			fecb	Gouge	60			~6cm thick quartz vein with phyllite gouge at lower contact
285.7	Bedding		So			38			compositional bedding cleavage in phyllite
285.85	Cleavage		S1			25			S1 intersects So at an acute angle of ~18 degrees
287.5	Bedding		So			20			compositional bedding cleavage in phyllite
287.7	Veins			fecb	FOL	30			concordant to S1
288.3	Veins			fecb	Veinlets	30			densely spaced, parallel veinlets
289.45	Veins					45			fragmented vein orienation
290	Bedding		So			35			compositional bedding cleavage in phyllite
290.8	Bedding		So			20			compositional bedding cleavage in phyllite
290.8	Cleavage		S1			10			S1 intersects So at an acute angle of 20 degrees
291.4	Bedding		So			40			compositional bedding cleavage in phyllite
291.5	Veins			fecb	MASS	40			10cm thick quartz vein
292.8	Bedding		So			58			compositional bedding cleavage in phyllite
292.8	Cleavage		S1			80			S1 intersects So at an acute angle of 30 degrees
293.6	Bedding		So			80			compositional bedding cleavage in phyllite
294.7	Veins			fecb	MASS	40			10cm thick vein
295.1	Veins			chl	SHTV	80			multiple, high core angle quartz-chlorite-iron-carbonate veins

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
295.2	Bedding		So			70			compositional bedding cleavage in phyllite
296	Veins			fecb	SHTV	30			intersect So at 70 degrees
296	Bedding		So			45			compositional bedding cleavage in phyllite
296.2	Bedding		So			50			compositional bedding cleavage in phyllite
297	Bedding		So			25			compositional bedding cleavage in phyllite
298	Bedding		So			40			compositional bedding cleavage in phyllite
299.5	Bedding		So			30			compositional bedding cleavage in phyllite
301.5	Veins			chl		30			partially penetrative, large, pyrite mineralized vein wedge with green chlorit wedges along vein boundaries
301.65	Veins			py		30			rare pyrite mineralized vein orientation in phyllite [intersects So at 40 degrees]
301.65	Bedding		So			30			compositional bedding cleavage in phyllite
302	Bedding		So			30			compositional bedding cleavage in phyllite
303	Bedding		So			48			compositional bedding cleavage in phyllite
303.32	Axial Plane		Fx			90			closed fold profile
303.6	Bedding		So			30			compositional bedding cleavage in phyllite
304.12	Bedding		So			20			compositional bedding cleavage in phyllite
304.3	Axial Plane		Fx			88			multitude of small-scale parasitic folds were So is 5TCA
304.3	Bedding		So			5			compositional bedding cleavage in phyllite
305.9	Faults				Gouge	45			phyllite gouge wedge
306.57	Faults				Gouge	70			phyllite gouge wedge
306.9	Faults				Gouge	70			10cm phyllite gouge wedge
307	Axial Plane		Fx			85			closed fold profile
307.6	Bedding		So			50			phyllite compositional bedding cleavage
309.2	Veins				SHTV	65			densely spaced 2-15cm thick quartz veining
309.8	Axial Plane		Fx			75			small cink-folds
309.8	Bedding		So			5			peak-to-peak of small parasitic cink folds
310	Veins			chl	py	30			pyrite mineralized, quartz chlorite veins with angular phyllite clast inclusions
310.9	Bedding		So			30			compositional bedding cleavage in phyllite
311.35	Axial Plane		Fx			50			closed flex-fold profile
311.9	Bedding		So			70			compositional bedding cleavage in phyllite
311.97	Veins			chl		50			4cm thick quartz vein with green chlorite rim patches
312.05	Bedding		So			80			compositional bedding cleavage in phyllite
313	Bedding		So			50			compositional bedding cleavage in phyllite
313.5	Faults				Gouge	45			phyllite gouge wedge
313.6	Veins			chl	SHTV	55			pyrite mineralized, densely spaced quartz-chlorite veinlets along weakly flex-folded compositional bedding cleavage
314.4	Bedding		So			80			compositional bedding cleavage in phyllite
314.4	Cleavage		S1			45			S1 intersects So at an acute angle of 50 degrees
315.7	Veins				SHTV	40			densely spaced, parallel quartz veining with raterh diffuse boundaries in silicified sandstone
316.4	Veins		V1		Veinlets	15			multiple, densely packed, subparallel quartz seams

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Plunge: 75 **Azimuth:** 270 **EOH:** 420

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
316.5	Veins		V2			30			V2 cross-cuts V1
316.85	Veins			py		30			partially penetrateive pyrite stringer veinlets that intersect Phyllite So at 70 degrees
316.85	Bedding		So			60			compositional bedding cleavage in phyllite
317.2	Veins				STWK	70			same generation, densely packed multiple intersecting veinlets in silicified sandstone
317.2	Veins				STWK	30			same generation, densely packed multiple intersecting veinlets in silicified sandstone
317.2	Veins				STWK	40			same generation, densely packed multiple intersecting veinlets in silicified sandstone
317.5	Bedding		So			55			compositional bedding cleavage in phyllite
319.2	Bedding		So			55			compositional bedding cleavage in phyllite
319.2	Veins			py		30			pyrite cluster mineralized vein orientation that intersects So at an acute anlge of 80 degrees
319.55	Axial Plane		Fx	py	bx matrix	50			axial plane of isoclinally folded vein; contains angular phyllite clasts
319.55	Veins			py	bx matrix	50			peak to peak of isoclinally folded vein; contains angular phyllite clasts
320.25	Faults				Gouge	90			thin gouge seam and partially friable core
320.5	Bedding		So			70			compositional bedding cleavage in phyllite
320.55	Veins				FOL	70			foliation concordant quartz veinlets
320.75	Veins				Gouge	30			Thin clay gouge seam along parallel veinlets that in intersect Phyllite So at 40 degrees.
320.77	Contact				FOL	80			phyllite above and silicified sandstone below; phyllite So locally steepened
321.6	Veins			asp		5			diffuse veinlets with occassional arsenopyrite grains
321.7	Veins			fecb	Veinlets	4			mulitple, subparallel, buff-crème iron-carbonate seams in intensely silicified sandstone
322.8	Veins				Veinlets	60			repeated vein orientation in silicified sandstone
323.7	Contact				FOL	25			phyllite-silt interbed (upper) contact -- concordant to So
323.8	Bedding		So			25			phyllite interbed compositional bedding cleavage
324.6	Veins			asp		10			sulfide mineralized vein orientation
324.6	Veins			asp		50			pyrite-arsenopyrite stringer veinlets
325.5	Veins			py		55			sulfide mienralized vein orienation
326.5	Veins					40			vein orienation in silicified sandstone
326.7	Veins			py	SHTV	55			densely spaced, parallel, pyrite mineralized quartz veining
327	Veins			asp		10			vuggy, sulfide mineralized vein orienation
327	Veins			fecb	Veinlets	20			densely spaced seams
327.7	Veins					30			vein orienation in silicified sandstone
328.3	Veins			asp		40			sulfide mineratlized vein orientation
328.5	Veins		V2	fecb	SHTV	60			repeated vein orientation in silicified sandstone
328.5	Veins		V1	py	SHTV	30			vuggy pyrite mineralized vein orientation
329.5	Veins				SHTV	50			repeated, thin, parallel quartz veinlets
329.5	Veins			fecb	SHTV	30			densely spaced, parallel, buff-crème iron-carbonate seams
330	Veins			asp		40			pyrite and arsenpyrite mineralized quartz veinlet
331.6	Veins				Veinlets	75			repeated, thin diffuse vein seams
332.1	Veins			fecb	Veinlets	20			vuggy qtz-fecb veinlets in phyllite interbed wedge
333.7	Bedding		So			40			phyllite interbed wedge [possilbe on lower side of fold limb]
333.9	Veins				SHTV	30			repeated vein orienation in silicified sandstone

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
335	Veins				SHTV	75			repeated vein orienation in silicified sandstone
335.1	Veins			py	Veinlets	30			2 partially penetrative pyrite stringers
335.7	Cleavage		Ssh	py		5		5	sheared pyrite plane in fragment in brecciated quartz veining
335.7	Lineation			py		5		5	sheared pyrite plane in fragment in brecciated quartz veining
337.2	Veins			py	Veinlets	25			vuggy, pyrite mineralized vein orientation
338	Veins				bx matrix	15			boundary between brecciated veining and silicified sanstone
338	Cleavage		Ssh	py	Veinlets	40			alignment within brecciated veining - terminated at contacts of brecciated vein and intersecting contacts at 40TCA
338.4	Contact				bx matrix	70			lower contact (sharp & competent) of quartz breccia with silicified sandstone below
340	Veins				Veinlets	40			repeated vein orienation in silicified sandstone
340.3	Veins				SHTV	40			densely spaced parallel quartz veining
340.9	Veins				SHTV	60			repeated vein orienation in silicified sandstone
342	Veins		V2			15			V2 crosscuts V1
342	Veins		V1		SHTV	70			V2 crosscuts V1
343	Veins				SHTV	70			repeated vein orienation in silicified sandstone
344.25	Veins				SHTV	25			densely spaced semi-massive, sulfide mineralized quartz veining
345.7	Veins			gn	SHTV	40			upper contact of near-massive ~1m vein within sheeted quartz veining
346	Veins				SHTV	30			densely spaced semi-massive, sulfide mineralized quartz veining
346.2	Veins			fecb		40			sulfide pyrite-galena stringer -- partially penetrative and at 60 degree angle to upper vein contact [puzzles]
347.5	Veins		V2		SHTV	25			V2 cuts of V1
347.5	Veins		V1		SHTV	40			V2 cuts of V1
348	Veins				SHTV	50			in silicified sandstone
349	Cleavage		Sx	cy	Veinlets	30			aligned white clay seams in brecciated quartz veining/silicified sandstone
350.1	Veins			py	Veinlets	20			partially penetrative pyrite seams within farily massive vein; parallel to vein contacts
351.05	Veins			fecb	SHTV	25			vuggy quartz-iron-carbonate veinlets in silicified sandstone with slip-faulted phyllite interbeds; phyllite interbeds cut-off veining
351.05	Axial Plane		Fx			0			tightly folded bedding cleavage in graphitic phyllite
351.05	Contact					35			lower contact of graphyitic phyllite interbed [upper contact is fragmented]
351.8	Faults				FOL	65			upper contact of slip faulted phyllite interbed that cuts off veining in adjacent sandstone
351.8	Contact				FOL	65			upper contact of slip faulted phyllite interbed that cuts off veining in adjacent sandstone
351.9	Bedding		So			65			phylite comositional bedding cleavage
351.98	Contact				FOL	65			lower contact of slip faulted phyllite interbed that cuts off veining in adjacent sandstone
351.98	Faults				FOL	65			lower contact of slip faulted phyllite interbed that cuts off veining in adjacent sandstone
352.1	Veins			fecb	SHTV	25			vuggy quartz-iron-carbonate veinlets in silicified sandstone
352.93	Faults			py	Gouge	55			semi massive, gouged, 3cm thick pyrite bands that surroud brecciated quartz vein at upper contact of brecciated vein zone
352.93	Contact				bx matrix	55			semi massive, gouged, 3cm thick pyrite bands that surroud brecciated quartz vein at upper contact of brecciated vein zone
353.6	Veins				bx matrix	45			repeated alignment within brecciated quartz veining

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
355.1	Veins				bx matrix	10			orientation in brecciated quartz veining
356.2	Veins				bx matrix	10			orientation in brecciated quartz veining
357.24	Veins				bx matrix	10			upper contact of brecciated low core angle, vuggy vein cut-off by Phyllite So
357.24	Faults				FOL	90			upper contact of brecciated low core angle, vuggy vein cut-off by Phyllite So
357.35	Bedding		So			85			phyllite compositional bedding cleavage
357.38	Veins				bx matrix	10			lower contact of brecciated low core angle, vuggy vein cut-off by Phyllite So
357.38	Faults				FOL	90			lower contact of brecciated low core angle, vuggy vein cut-off by Phyllite So
359	Bedding		So			90			phyllite compositional bedding cleavage
359	Cleavage		S1			70			S1 intersects So at 15 degrees
359.2	Veins			py	Veinlets	40			pyrite-fecb-qtz veinlets that intersect So at 60 degrees
359.2	Veins			fecb	Veinlets	10			vuggy iron-carbonate seams that cross-cut So at ~80 degrees
359.5	Faults				Gouge	40			gouge wedge that intersect So at 60 degree
360.7	Bedding		So			85			phyllite compositional bedding cleavage
360.7	Veins			py	Veinlets	20			pyrite stringer iron carbonate veinlet that intersects So at 75 degrees
362	Bedding		So			85			phyllite compositional bedding cleavage
362.88	Faults				Gouge	66			phyllite gouge intersects So at 70 degrees
362.88	Bedding		So			65			phyllite compositional bedding cleavage
365	Bedding		So			70			phyllite compositional bedding cleavage
365.4	Bedding		So			40			phyllite compositional bedding cleavage
366	Bedding		So			30			phyllite compositional bedding cleavage
366	Axial Plane		Fx			60			intersects So at 40 degrees; small parasitic fold profiles
366.3	Veins			fecb	STWK				randome network of partially penetrative iron-carbonate seams
367.5	Bedding		So			25			phyllite compositional bedding cleavage
367.55	Faults				Gouge	20			gouge emplaced at low core angle in friable core
369	Bedding		So			20			phyllite compositional bedding cleavage
369	Cleavage		S1			40			S1 intersects So at 35 degrees
370	Bedding		So			50			phyllite compositional bedding cleavage
370	Cleavage		S1			30			S1 intersects So 40 degrees
371.6	Bedding		So			25			phyllite compositional bedding cleavage
373.4	Axial Plane		Fx			70			intersects So at 80 degrees, parasitic folding in fold nose
373.4	Bedding		So			15			phyllite compositional bedding cleavage
374.5	Bedding		So			25			phyllite compositional bedding cleavage
375.8	Bedding		So			30			phyllite compositional bedding cleavage
376.5	Bedding		So			40			phyllite compositional bedding cleavage
376.5	Cleavage		S1			70			S1 intersects So at 30 degrees
377	Bedding		So			30			phyllite compositional bedding cleavage
377.2	Cleavage		S1			50			S1 intersects So at 20 degrees
377.2	Bedding		So			30			phyllite compositional bedding cleavage
377.5	Axial Plane		Fx			25			parasitic folds with peak-to-peat at 20. Peak-to-peak intersects axial plane at 50 degrees

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
378.7	Bedding		So			20			phyllite compositional bedding cleavage
380.5	Bedding		So			20			phyllite compositional bedding cleavage
381	Bedding		So			18			phyllite compositional bedding cleavage
383.1	Bedding		So			35			phyllite compositional bedding cleavage
384.6	Bedding		So			20			upper limb of fold nose
384.8	Cleavage		S1			25			S1 intersects So at 35 degrees
384.8	Bedding		So			0			phyllite compositional bedding cleavage
385	Veins			py		30			pyrite mineralized veinlets that intersects S1 at 50 degrees
385.2	Bedding		So			15			lower limb of fold nose
385.9	Bedding		So			12			phyllite compositional bedding cleavage
388.3	Bedding		So			10			phyllite compositional bedding cleavage
388.3	Cleavage		S1			20			S1 intersects So at 20 degrees
388.8	Bedding		So			20			phyllite compositional bedding cleavage
388.8	Veins			py	Veinlets	0			undulated, low core angle, pyrite mineralized veinlets
390.7	Axial Plane		Fx			10			small cink folds with concordant pyrite stringer veinlets
390.7	Veins			py	Veinlets	35			small cink folds with concordant pyrite stringer veinlets
391.4	Veins			py	QBX	20			friable intensely pyrite cluster mineralized quartz breccia emplaced at low core angle along phyllite gouge
391.4	Faults			py	Gouge	20			friable intensely pyrite cluster mineralized quartz breccia emplaced at low core angle along phyllite gouge
392.03	Faults				Gouge	20		40	lower bound of quartz vein breccia bounding both phyllite goug and silicifed sandstone [one at each contact] - contact with phyllite is graphitic and lineated
392.03	Lineation				Gouge	20		40	lower bound of quartz vein breccia bounding both phyllite goug and silicifed sandstone [one at each contact] - contact with phyllite is graphitic and lineated
392.03	Contact				QBX	20			lower bound of quartz vein breccia bounding both phyllite goug and silicifed sandstone [one at each contact]
392.2	Contact				Gouge	40			silicified sandstone wedge above and graphitic, gouged phyllite below
392.4	Contact				Gouge	50			sharp lithological contact: graphitic phyllite gouge wedge above and silicified sandstone below
392.4	Faults				Gouge	50			sharp lithological contact: graphitic phyllite gouge wedge above and silicified sandstone below
393	Veins			fecb	Veinlets	50			repeated, vuggy vein orienation in silicified sandstone
393.8	Bedding		So			5			compositional bedding cleavage in localized silt-sand sequence
394.1	Bedding		So			10			compositional bedding cleavage in localized silt-sand sequence
394.1	Veins			py	FOL	10			compositional bedding concordant pyrite stringers in localized silt-sand sequence
395.2	Lineation			asp		10		40	sheeted thin, very fine-grained pyrite-arsenopyrite cluster along polished slickensided , iron-carbonate altered fracture seam
395.2	Faults			asp		10		40	sheeted thin, very fine-grained pyrite-arsenopyrite cluster along polished slickensided , iron-carbonate altered fracture seam
395.3	Veins				SHTV	70			parallel quartz veining in silcified sandstone
397	Veins		V2		SHTV	65			V2: parallel quartz veining in silcified sandstone
397	Veins		V1		SHTV	30			V1 veinlets are cross-cut by V2 veinlets
398.5	Veins		V2		SHTV	60			repeated orientation that cross-cuts V1

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
398.5	Veins		V1		SHTV	30			V1 is cross-cut by V2
401.5	Contact					45			lithologicla contact between fragmented silicified sandstone above and quatz breccia below
401.65	Cleavage		Ssh		QBX	50		10	sheared, slicken sided cleavage in grey Quartz Breccia
401.65	Lineation				QBX	50		10	sheared, slicken sided cleavage in grey Quartz Breccia [repeated alignment along 50TCA]
402.1	Veins				MASS	15			massive white, ~50cm thick, fragmented quartz vein (measured upper contact) within grey Quartz Breccia; -- likely late stage
406.3	Veins			chl	Veinlets	18			multiple dark grey, chloritized seams with fine-grained disseminated sulfides
413.8	Bedding		So			0			open fold profile in localized silt sequence
413.8	Veins			py	FOL	0			open silt fold profile with concordant chloritic pyrite stringers
416.2	Veins		V2			60			V2 cuts off V1 at 40 degrees
416.2	Veins		V1			10			V2 cuts off V1 at 40 degrees
418.5	Lineation				QBX	5		30	sheared cleavage with strong lineation in brecciated quartz veining
418.6	Lineation				QBX	20		28	sheared cleavage with strong lineation in brecciated quartz veining
418.9	Veins			chl	QBX	30			alignment of dark grey chlorite seams in brecciated quartz veining
419.5	Veins				SHTV	45			repeated vein orienation

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31097	4.5	6	2011	Expl Geochem	H-split	MT-Phy
31098	6	9	2011	Expl Geochem	H-split	MT-Phy
31099	9	12	2011	Expl Geochem	H-split	MT-Phy
31100	12	14.9	2011	Expl Geochem	H-split	MT-Phy
31101	14.9	15.9	2011	Expl Geochem	H-split	MT-Phy
31102	15.9	18	2011	Expl Geochem	H-split	MT-Phy
31103	18	20.9	2011	Expl Geochem	H-split	MT-Phy
31104	20.9	21.5	2011	Expl Geochem	H-split	MT-Phy
31105	21.5	23	2011	Expl Geochem	H-split	MT-Phy
31106	23	25	2011	Expl Geochem	H-split	MT-Phy
31107	25	27	2011	Expl Geochem	H-split	MT-Phy
31108	27	29	2011	Expl Geochem	H-split	MT-Phy
31109	29	31	2011	Expl Geochem	H-split	MT-Phy
31110	31	33	2011	Expl Geochem	H-split	MT-Phy
31111	33	35	2011	Expl Geochem	H-split	MT-Phy
31112	35	37	2011	Expl Geochem	H-split	MT-Phy
31113	37	39	2011	Expl Geochem	H-split	MT-Phy
31114	39	41	2011	Expl Geochem	H-split	MT-Phy
31115	41	43	2011	Expl Geochem	H-split	MT-Phy
31116	43	45	2011	Expl Geochem	H-split	MT-Phy
31117	45	46.4	2011	Expl Geochem	H-split	MT-Phy

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31118	46.4	48	2011	Expl Geochem	H-split	MT-Phy
31119	46.4	48	2011	STND	CDN-GS-8B	MT-Phy
31120	46.4	48	2011	DUP	Q-Split	MT-Phy
31121	48	49.83	2011	Expl Geochem	H-split	MT-Phy
31122	49.83	52	2011	Expl Geochem	H-split	MT-Phy
31123	52	54	2011	Expl Geochem	H-split	MT-Phy
31124	54	56	2011	Expl Geochem	H-split	MT-Phy
31125	56	58	2011	Expl Geochem	H-split	MT-Phy
31126	58	60	2011	Expl Geochem	H-split	MT-Phy
31127	60	61.2	2011	Expl Geochem	H-split	MT-Phy
31128	61.2	61.55	2011	Expl Geochem	H-split	MT-Phy
31129	61.55	63	2011	Expl Geochem	H-split	MT-SS
31130	63	64	2011	Expl Geochem	H-split	MT-SS
31131	64	66	2011	Expl Geochem	H-split	MT-SS
31132	66	68	2011	Expl Geochem	H-split	MT-SS
31133	68	70	2011	Expl Geochem	H-split	MT-SS
31134	70	72.6	2011	Expl Geochem	H-split	MT-SS
31135	72.6	74	2011	Expl Geochem	H-split	QZVN
31136	74	75	2011	Expl Geochem	H-split	MT-SS
31137	75	76.4	2011	Expl Geochem	H-split	MT-CO
31138	76.4	77.3	2011	Expl Geochem	H-split	MT-CO
31139	77.3	79	2011	Expl Geochem	H-split	MT-SS
31140	79	80.55	2011	Expl Geochem	H-split	MT-SS
31141	80.55	82	2011	Expl Geochem	H-split	MT-CO
31142	82	84	2011	Expl Geochem	H-split	MT-CO
31143	84	86	2011	Expl Geochem	H-split	MT-CO
31144	86	87.7	2011	Expl Geochem	H-split	MT-CO
31145	87.7	90	2011	Expl Geochem	H-split	MT-CO
31146	90	91.9	2011	Expl Geochem	H-split	MT-SS
31147	91.9	93.14	2011	Expl Geochem	H-split	QZVN
31148	93.14	95	2011	Expl Geochem	H-split	MT-CO
31149	95	97	2011	Expl Geochem	H-split	MT-CO
31150	97	98.15	2011	Expl Geochem	H-split	MT-CO
31151	98.15	99	2011	Expl Geochem	H-split	MT-SS
31152	99	101	2011	Expl Geochem	H-split	MT-SS
31153	101	102.5	2011	Expl Geochem	H-split	MT-SS
31156	102.5	104	2011	Blank	LWS_2011	MT-SS
31154	102.5	104	2011	Expl Geochem	H-split	MT-SS
31155	102.5	104	2011	DUP	Q-Split	MT-SS

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31157	104	105	2011	Expl Geochem	H-split	MT-SS
31158	105	106.1	2011	Expl Geochem	H-split	MT-SS
31159	106.1	108	2011	Expl Geochem	H-split	MT-SS
31160	108	109.5	2011	Expl Geochem	H-split	MT-SS
31161	109.5	111	2011	Expl Geochem	H-split	MT-CO
31162	111	112.5	2011	Expl Geochem	H-split	MT-CO
31163	112.5	114	2011	Expl Geochem	H-split	MT-SS
31164	114	116	2011	Expl Geochem	H-split	MT-SS
31165	116	117	2011	Expl Geochem	H-split	QZVN
31166	117	118	2011	Expl Geochem	H-split	QZVN
31167	118	119	2011	Expl Geochem	H-split	QZVN.bx
31168	119	120	2011	Expl Geochem	H-split	QZVN.bx
31169	120	121.5	2011	Expl Geochem	H-split	QZVN.bx
31170	121.5	123	2011	Expl Geochem	H-split	MT-Phy
31171	123	126	2011	Expl Geochem	H-split	MT-Phy
31172	126	128	2011	Expl Geochem	H-split	MT-Phy
31173	128	130	2011	Expl Geochem	H-split	MT-Phy
31174	130	132.1	2011	Expl Geochem	H-split	MT-Phy
31175	132.1	134	2011	Expl Geochem	H-split	MT-SS
31176	134	135	2011	Expl Geochem	H-split	MT-SS
31177	135	136.5	2011	Expl Geochem	H-split	MT-CO
31178	136.5	138	2011	Expl Geochem	H-split	MT-SS
31179	138	140	2011	Expl Geochem	H-split	MT-CO
31180	140	142	2011	Expl Geochem	H-split	MT-CO
31181	142	144	2011	Expl Geochem	H-split	MT-CO
31182	144	146	2011	Expl Geochem	H-split	MT-SS
31183	146	148.2	2011	Expl Geochem	H-split	MT-SS
31184	148.2	150.43	2011	Expl Geochem	H-split	MT-CO
31185	150.43	151.15	2011	Expl Geochem	H-split	MT-Phy
31186	151.15	153	2011	Expl Geochem	H-split	MT-CO
31187	153	154.3	2011	Expl Geochem	H-split	MT-CO
31188	154.3	156	2011	Expl Geochem	H-split	MT-CO
31189	156	157.8	2011	Expl Geochem	H-split	MT-SS
31190	157.8	159	2011	Expl Geochem	H-split	MT-CO
31191	157.8	159	2011	STND	CDN-GS-8B	
31192	157.8	159	2011	DUP	Q-Split	MT-CO
31193	159	160.5	2011	Expl Geochem	H-split	MT-CO
31194	160.5	162	2011	Expl Geochem	H-split	MT-Phy
31195	162	163	2011	Expl Geochem	H-split	MT-Phy

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31196	163	165	2011	Expl Geochem	H-split	MT-Phy
31197	165	166.6	2011	Expl Geochem	H-split	MT-Phy
31198	166.6	167.7	2011	Expl Geochem	H-split	MT-Phy
31199	167.7	169.3	2011	Expl Geochem	H-split	MT-SS
31200	169.3	171	2011	Expl Geochem	H-split	MT-CO
31201	171	172.98	2011	Expl Geochem	H-split	MT-SS
31202	172.98	174.5	2011	Expl Geochem	H-split	MT-SS
31203	174.5	176.5	2011	Expl Geochem	H-split	QZVN
31204	176.5	177.2	2011	Expl Geochem	H-split	MT-Phy
31205	177.2	177.7	2011	Expl Geochem	H-split	QZVN
31206	177.7	178.45	2011	Expl Geochem	H-split	MT-Phy
31207	178.45	180.26	2011	Expl Geochem	H-split	QZVN
31208	180.6	181.8	2011	Expl Geochem	H-split	MT-SS
31209	181.8	184	2011	Expl Geochem	H-split	MT-Phy.gf
31210	184	186	2011	Expl Geochem	H-split	MT-Phy.gf
31211	186	187.2	2011	Expl Geochem	H-split	MT-Phy.gf
31212	187.2	187.9	2011	Expl Geochem	H-split	QZVN
31213	187.9	189	2011	Expl Geochem	H-split	MT-Phy.gf
31214	189	191	2011	Expl Geochem	H-split	MT-Phy.gf
31215	191	192.1	2011	Expl Geochem	H-split	MT-Phy.gf
31216	192.1	193.7	2011	Expl Geochem	H-split	MT-Phy.gf
31217	193.7	195.5	2011	Expl Geochem	H-split	MT-Phy.gf
31218	195.5	197.44	2011	Expl Geochem	H-split	MT-Phy.gf
31219	197.44	198.5	2011	Expl Geochem	H-split	MT-Phy.gf
31220	198.5	199.6	2011	Expl Geochem	H-split	MT-Phy.gf
31221	199.6	202.3	2011	Expl Geochem	H-split	MT-Phy.gf
31222	202.3	202.75	2011	Expl Geochem	H-split	MT-Phy.gf
31223	202.75	204.12	2011	Expl Geochem	H-split	MT-Phy.gf
31224	204.12	205.08	2011	Expl Geochem	H-split	MT-SLT
31225	205.08	206.8	2011	Expl Geochem	H-split	MT-Phy.gf
31228	206.8	207.66	2011	Blank	LWS_2011	
31226	206.8	207.66	2011	Expl Geochem	H-split	MT-Phy.gf
31227	206.8	207.66	2011	DUP	Q-Split	MT-Phy.gf
31229	207.66	210	2011	Expl Geochem	H-split	MT-Phy.gf
31230	210	212	2011	Expl Geochem	H-split	MT-Phy.gf
31231	212	214	2011	Expl Geochem	H-split	MT-Phy.gf
31232	214	216.36	2011	Expl Geochem	H-split	
31233	216.36	217.51	2011	Expl Geochem	H-split	QZVN
31234	217.51	219.78	2011	Expl Geochem	H-split	MT-Phy.gf

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31235	219.78	222	2011	Expl Geochem	H-split	MT-SS
31236	222	224	2011	Expl Geochem	H-split	MT-SS
31237	224	225	2011	Expl Geochem	H-split	MT-SS
31238	225	226.95	2011	Expl Geochem	H-split	QZVN
31239	226.95	228	2011	Expl Geochem	H-split	MT-SS
31240	228	230	2011	Expl Geochem	H-split	MT-SS
31241	230	232	2011	Expl Geochem	H-split	MT-SS
31242	232	234	2011	Expl Geochem	H-split	MT-CO
31243	234	236	2011	Expl Geochem	H-split	MT-CO
31244	236	238	2011	Expl Geochem	H-split	MT-SS
31245	238	240	2011	Expl Geochem	H-split	MT-CO
31246	240	242	2011	Expl Geochem	H-split	MT-SS
31247	242	243.3	2011	Expl Geochem	H-split	MT-SS
31248	243.3	245	2011	Expl Geochem	H-split	MT-Phy
31249	245	246	2011	Expl Geochem	H-split	MT-Phy
31250	246	248	2011	Expl Geochem	H-split	MT-Phy
31251	248	250	2011	Expl Geochem	H-split	MT-Phy
31252	250	252	2011	Expl Geochem	H-split	MT-Phy
31253	252	254.2	2011	Expl Geochem	H-split	MT-Phy
31254	254.2	256.05	2011	Expl Geochem	H-split	MT-SLT
31255	256.05	258	2011	Expl Geochem	H-split	MT-Phy
31256	258	260	2011	Expl Geochem	H-split	MT-Phy
31257	260	261.34	2011	Expl Geochem	H-split	MT-Phy
31258	261.34	262.5	2011	Expl Geochem	H-split	MT-Phy
31259	262.5	264	2011	Expl Geochem	H-split	MT-Phy
31260	264	266	2011	Expl Geochem	H-split	MT-Phy
31261	266	268	2011	Expl Geochem	H-split	MT-Phy
31262	268	270	2011	Expl Geochem	H-split	MT-Phy
31263	268	270	2011	STND	CDN-GS-8B	
31264	268	270	2011	DUP	Q-Split	MT-Phy
31265	270	272	2011	Expl Geochem	H-split	MT-Phy
31266	272	274	2011	Expl Geochem	H-split	MT-Phy
31267	274	276	2011	Expl Geochem	H-split	MT-Phy
31268	276	278	2011	Expl Geochem	H-split	MT-Phy
31269	278	279.05	2011	Expl Geochem	H-split	MT-Phy
31270	279.05	280	2011	Expl Geochem	H-split	MT-Phy
31271	280	282	2011	Expl Geochem	H-split	MT-Phy
31272	282	284	2011	Expl Geochem	H-split	MT-Phy
31273	284	285.56	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31274	285.56	287.5	2011	Expl Geochem	H-split	MT-Phy
31275	287.5	289.1	2011	Expl Geochem	H-split	MT-Phy
31276	289.1	291	2011	Expl Geochem	H-split	MT-Phy
31277	291	292	2011	Expl Geochem	H-split	MT-Phy
31278	292	294	2011	Expl Geochem	H-split	MT-SLT
31279	294	296	2011	Expl Geochem	H-split	MT-Phy
31280	296	298	2011	Expl Geochem	H-split	MT-Phy
31281	298	300	2011	Expl Geochem	H-split	MT-Phy
31282	300	302	2011	Expl Geochem	H-split	MT-Phy
31283	302	304	2011	Expl Geochem	H-split	MT-Phy
31284	304	305.9	2011	Expl Geochem	H-split	MT-Phy
31285	305.9	307	2011	Expl Geochem	H-split	MT-Phy
31286	307	309.2	2011	Expl Geochem	H-split	MT-Phy
31287	309.2	310.8	2011	Expl Geochem	H-split	MT-Phy
31288	310.8	312	2011	Expl Geochem	H-split	MT-Phy
31289	312	313.5	2011	Expl Geochem	H-split	MT-Phy
31290	313.5	313.9	2011	Expl Geochem	H-split	MT-Phy
31291	313.9	315.2	2011	Expl Geochem	H-split	MT-Phy
31292	315.2	316.75	2011	Expl Geochem	H-split	MT-SS
31293	316.75	318.9	2011	Expl Geochem	H-split	MT-Phy
31294	318.9	319.2	2011	Expl Geochem	H-split	MT-SS
31295	319.2	320.77	2011	Expl Geochem	H-split	MT-Phy
31296	320.77	322.8	2011	Expl Geochem	H-split	MT-SS
31297	322.8	324	2011	Expl Geochem	H-split	MT-SS
31298	324	325	2011	Expl Geochem	H-split	MT-SS
31299	324	325	2011	DUP	Q-Split	MT-SS
31300	324	325	2011	Blank	LWS_2011	
31301	325	326	2011	Expl Geochem	H-split	MT-SS
31302	326	327	2011	Expl Geochem	H-split	MT-SS
31303	327	328	2011	Expl Geochem	H-split	MT-SS
31304	328	329	2011	Expl Geochem	H-split	MT-SS
31305	329	330	2011	Expl Geochem	H-split	MT-SS
31306	330	331	2011	Expl Geochem	H-split	MT-SS
31307	331	332.5	2011	Expl Geochem	H-split	MT-SS
31308	332.5	334	2011	Expl Geochem	H-split	MT-SS
31309	334	335.6	2011	Expl Geochem	H-split	MT-SS
31310	335.6	336	2011	Expl Geochem	H-split	QZVN.bx
31311	336	337	2011	Expl Geochem	H-split	QZVN.bx
31312	337	338.4	2011	Expl Geochem	H-split	QZVN.bx

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31313	338.4	340	2011	Expl Geochem	H-split	QZVN.bx
31314	340	341	2011	Expl Geochem	H-split	MT-SS
31315	341	342	2011	Expl Geochem	H-split	MT-SS
31316	342	343	2011	Expl Geochem	H-split	MT-SS
31317	343	344.25	2011	Expl Geochem	H-split	MT-SS
31318	344.25	345	2011	Expl Geochem	H-split	QZVN
31319	345	346	2011	Expl Geochem	H-split	QZVN
31320	346	347	2011	Expl Geochem	H-split	QZVN
31321	347	348	2011	Expl Geochem	H-split	QZVN
31322	348	349	2011	Expl Geochem	H-split	QZVN
31323	349	350	2011	Expl Geochem	H-split	QZVN.bx
31324	350	350.7	2011	Expl Geochem	H-split	QZVN
31325	350.7	351.1	2011	Expl Geochem	H-split	MT-Phy
31326	351.1	351.98	2011	Expl Geochem	H-split	MT-SS
31327	351.98	352.93	2011	Expl Geochem	H-split	MT-SS
31328	352.93	354	2011	Expl Geochem	H-split	QZVN.bx
31329	354	355	2011	Expl Geochem	H-split	QZVN.bx
31330	355	356	2011	Expl Geochem	H-split	QZVN.bx
31331	356	356.98	2011	Expl Geochem	H-split	QZVN.bx
31332	356.98	358	2011	Expl Geochem	H-split	MT-Phy
31333	358	359.5	2011	Expl Geochem	H-split	MT-Phy
31334	359.5	360.8	2011	Expl Geochem	H-split	MT-Phy
31335	359.5	360.8	2011	STND	CDN-GS-8B	
31336	359.5	360.8	2011	DUP	Q-Split	MT-Phy
31337	360.8	362.88	2011	Expl Geochem	H-split	MT-Phy
31338	362.88	365	2011	Expl Geochem	H-split	MT-Phy
31339	365	367	2011	Expl Geochem	H-split	MT-Phy
31340	367	369	2011	Expl Geochem	H-split	MT-Phy
31341	369	371	2011	Expl Geochem	H-split	MT-Phy
31342	371	373	2011	Expl Geochem	H-split	MT-Phy
31343	373	375	2011	Expl Geochem	H-split	MT-Phy
31344	375	377	2011	Expl Geochem	H-split	MT-Phy
31345	377	379	2011	Expl Geochem	H-split	MT-Phy
31346	379	381	2011	Expl Geochem	H-split	MT-Phy
31347	381	383	2011	Expl Geochem	H-split	MT-Phy
31348	383	385	2011	Expl Geochem	H-split	MT-Phy
31349	385	387	2011	Expl Geochem	H-split	MT-Phy
31350	387	389	2011	Expl Geochem	H-split	MT-Phy
31351	389	390.7	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-031 **Grant No.:** YD07124

Plunge: 75 **Azimuth:** 270 **EOH:** 420

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31352	390.7	391.4	2011	Expl Geochem	H-split	MT-Phy
31353	391.4	392.4	2011	Expl Geochem	H-split	QZVN.bx
31354	392.4	394	2011	Expl Geochem	H-split	MT-SS
31355	394	396	2011	Expl Geochem	H-split	MT-SS
31356	396	398	2011	Expl Geochem	H-split	MT-SS
31357	398	399.5	2011	Expl Geochem	H-split	MT-SS
31358	399.5	401.5	2011	Expl Geochem	H-split	MT-SS
31359	401.5	402.53	2011	Expl Geochem	H-split	QZVN
31360	402.53	405	2011	Expl Geochem	H-split	QZVN.bx
31361	405	406	2011	Expl Geochem	H-split	QZVN.bx
31362	406	407.5	2011	Expl Geochem	H-split	QZVN.bx
31363	407.5	408.5	2011	Expl Geochem	H-split	QZVN.bx
31364	408.5	410.37	2011	Expl Geochem	H-split	QZVN.bx
31365	410.37	411.5	2011	Expl Geochem	H-split	QZVN.bx
31366	411.5	413	2011	Expl Geochem	H-split	MT-SS
31367	413	414	2011	Expl Geochem	H-split	MT-SLT
31368	414	416	2011	Expl Geochem	H-split	MT-SS
31369	416	417.2	2011	Expl Geochem	H-split	MT-SS
31370	417.2	418.5	2011	Expl Geochem	H-split	QZVN.bx
31371	417.2	418.5	2011	DUP	Q-Split	QZVN.bx
31372	417.2	418.5	2011	Blank	LWS_2011	
31373	418.5	420	2011	Expl Geochem	H-split	QZVN.bx

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533747.9	6843901.5		

Elevation: 1546 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 285.0 m
Core Size: HQ

Start Date: 24/09/2011
Finish Date: 28/09/2011
Status: Completed
Contractor: Driftwood

Objective:

25m step-out east of drill fence 3A-11-012/015/015A/016. The intent is to track the down dip extent of mineralisation in 3A-11-015A.

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	60.8	272.64	5810	Reflex	1
75	61.8	269.84	5797	Reflex	1
126	62.7	270.14	5808	Reflex	1
168	62.9	270.14	5791	Reflex	1
222	64.3	269.14	5817	Reflex	1
276	65.8	266.54	5790	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	6		CASING						co	1
6	11	Top of hole. Extremely weathered and faulted with ferquent intervas of gouge and of intense clay and limonite. Minor brecciated fragments. Gre to orangeish colouration.. Otherwise non-descript.	MT-Phy		100.0%	n			co	3
11	11.8	Vuggy white to patchy orangey o greenish quartz-carbonate fault-fill vein with minor feo and chlorite.	QZVN		40.0%	w			co	3
11	11.8	Extremely faulted clay gouged and altered grey to greenish phyllite. In fault zone.	MT-Phy		60.0%	n			co	3
11.8	20.65	white to buff to green (from minor chlorite content) qtz-carbonate, qtz and crb veining. Many veins are very vuggy and contain minor chlorite and feo.	QZVN		10.0%	w			co	2
11.8	20.65	Frequently faulted and variably veined (dominantly qtz-carbonate vbeins with lesser qtz and crb exclusive veining). Rock ranges from pale grey to a dark grey that is almost black… colouration seems to correlate with grain-size (coarser-grained paler, finer-grained is darker). Very, very minor fg siltstone to vfg sandstone.	MT-SLT		20.0%	gy			co	3
11.8	20.65	Frequently faulted and variably veined (dominantly qtz-carbonate vbeins with lesser qtz and crb exclusive veining). Rock ranges from pale grey to a dark grey that is almost black… colouration seems to correlate with grain-size (coarser-grained paler, finer-grained is darker). Very, very minor fg siltstone to vfg sandstone.	MT-Phy		70.0%	n			co	3
20.65	24	lead-grey to black graphitic phyllite with very abundant quartz-carbonate veining, abundant feo and some lesser realgar and orpiment.	QZVN		35.0%	w			co	2
20.65	24	lead-grey to black graphitic phyllite with very abundant quartz-carbonate veining, abundant feo and some lesser realgar and orpiment.	MT-Phy		65.0%	n			co	3
24	64.3	grey to black phyllite and lesser siltstone (tends to be lighter in color than the finer-grained phyllite) finely laminated/interbedded on the scale of mm to cm and showing folding around foliation and variably aundant axial planar quartz-carbonate veining and some pale green sericite-chlorite-rich veinlets, which, in turn, show signs of having been folded.	QZVN		5.0%	w			co	1
24	64.3	grey to black phyllite and lesser siltstone (tends to be lighter in color than the finer-grained phyllite) finely laminated/interbedded on the scale of mm to cm and showing folding around foliation and variably aundant axial planar quartz-carbonate veining and some pale green sericite-chlorite-rich veinlets, which, in turn, show signs of having been folded.	MT-SLT		25.0%	gy			co	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
Plunge:	60	Azimuth:	270	EOH:	285		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
24	64.3	grey to black phyllite and lesser siltstone (tends to be lighter in color than the finer-grained phyllite) finely laminated/interbedded on the scale of mm to cm and showing folding around foliation and variably aundant axial planar quartz-carbonate veining and some pale green sericite-chlorite-rich veinlets, which, in turn, show signs of having been folded.	MT-Phy		70.0%	n			co	3
64.3	67.7	Faulted, weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and very minor, thin, fine-grained sandstone beds. This unit is quite heavily faulted and fractured with many small intervals of fault gouge. Only very minor 1-5% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit.	MT-SS	fgr	5.0%	gy			co	2
64.3	67.7	Faulted, weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and very minor, thin, fine-grained sandstone beds. This unit is quite heavily faulted and fractured with many small intervals of fault gouge. Only very minor 1-5% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit.	MT-SLT		15.0%	gy			co	3
64.3	67.7	Faulted, weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and very minor, thin, fine-grained sandstone beds. This unit is quite heavily faulted and fractured with many small intervals of fault gouge. Only very minor 1-5% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit.	MT-Phy		80.0%	n			co	3
67.7	72.25	Weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and fine-grained sandstone beds. Only very minor 125% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit many of which are vuggy and rich in feo. Abundant, gentle, small-scale parasitic folding of bedding.	MT-SLT		20.0%	gy			co	3
67.7	72.25	Weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and fine-grained sandstone beds. Only very minor 125% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit many of which are vuggy and rich in feo. Abundant, gentle, small-scale parasitic folding of bedding.	MT-SS	fgr	20.0%	gy			co	3
67.7	72.25	Weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and fine-grained sandstone beds. Only very minor 125% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit many of which are vuggy and rich in feo. Abundant, gentle, small-scale parasitic folding of bedding.	MT-Phy		60.0%	n			co	3
72.25	73.15	Pale green to grey carbonate, sericite, clay and limonite altered mgr to cgr sandstone with abundant large quartz-carbonate veining which show signs of having been brittly reactivated and re-healed. The veining contains reasonablly abundant pyrite blebs.	QZVN		35.0%	w			co	1
72.25	73.15	Pale green to grey carbonate, sericite, clay and limonite altered mgr to cgr sandstone with abundant large quartz-carbonate veining which show signs of having been brittly reactivated and re-healed. The veining contains reasonablly abundant pyrite blebs.	MT-SS		65.0%	g			co	1
73.15	87.05	Weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and fine-grained sandstone beds. Only very minor 125% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit many of which are vuggy and rich in feo. Abundant, gentle, small-scale parasitic folding of bedding.	MT-SS	fgr	30.0%	gy			co	2
73.15	87.05	Weakly silicified dark grey to black phyllite interbedded with lesser grey siltstone and fine-grained sandstone beds. Only very minor 125% quartz-carbonate and quartz veining which are thin (2-5mm) and unevenly clustered across unit many of which are vuggy and rich in feo. Abundant, gentle, small-scale parasitic folding of bedding.	MT-SLT		70.0%	n			co	3
87.05	110.03	Chaotically deformed and sheared QZVNS x-cutting in all directions, Qtz breccia zones with fecb staining vns yellow.	QZVN		10.0%	buff			co	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
60	270	285

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
87.05	110.03	Minor grey pbl QPC with subangular-subrounded sheared clasts. Lim+rust filled fractures 95% quartz; 5% intensely altered feldspar 4-6mm	MT-CO	pbl	10.0%	gy	qtz	95	co	2
87.05	110.03	Grey Granule QPC with silicified matrix, wcy with lim+fecb alteration of smgr fspar clasts. Lim+rust filled fractures 95% quartz; 5% intensely altered feldspar; 2-4mm	MT-CO	grn	20.0%	gy	qtz	95	co	2
87.05	110.03	Mgr grey qtz rich SS, minor wcy alteration of fspar clasts with fecb and lim overprinting. Grain boundaries are blurred and homogeneous grey matrix suggests silicification 95% quartz; 5% altered feldspar; Grainsize: 1mm	MT-SS	mgr	60.0%	gy	qtz	95	co	2
110.03	122.06	Thin chaotic qzvns through phyllite. Blebs of deformed pinched out qzvns with minor fecb alteration	QZVN		2.0%	w			fr	2
110.03	122.06	Black phyllite with thin SLT beds and lamella	MT-Phy		98.0%	n			fr	2
122.06	128.4	Dark grey silicified mgr SS Weak fecb smgr alteration of fspar. Silicified matrix. Maficblackish-blue stringers through fractures 90% quartz; 10% iron-carbonate altered feldspar	MT-SS	bx	10.0%	gy	qtz	90	fr	1
122.06	128.4	1-2cm sheeted QZVNS 5-6cm spacing. High degree of qtz breccia with angular clasts up to 3cm with silicified matrix	QZVN	bx	90.0%	w			fr	1
128.4	131.4	Thin chaotic deformed qzvns, lenses and pinched out qzvns	QZVN		2.0%	w			fr	2
128.4	131.4	Blk phyllite with thin SLT beds and lamella. Thin deformed qzvns throughout	MT-Phy		98.0%	n			fr	1
131.4	151.56	Thin sheared (?) TVA qzvns (2mm-5m thick) and folded deformed sheeted arrays (0.5-2cm thick) -- generally with a diffuse, milky white appearance. Low core angle 1-2cm thick QZVNS following a low core angle semi penetrative fabric throughout entire unit.	QZVN		5.0%	w			co	1
131.4	151.56	Clast supported silicified cgr qtz rich SS. Clasts are blurred from silicification. Minor chl and lim alteration of fspar clasts and fractures 95% quartz; 5% altered feldspar Grainsize: 1-2mm Frequent rough 20-35TCA white, powdered clay coated fractures and occassional narrow cushed subintervals.	MT-SS	cgr	35.0%	gy	qtz	95	co	1
131.4	151.56	Mod sheared Grey clast supported pbl QPC with fecb altered smgr fspar clasts. 95% quartz; 5% altered feldspar Grainsize: 2-4mm Frequent rough 20-35TCA white, powdered clay coated fractures and occassional narrow cushed subintervals.	MT-CO	grn	60.0%	gy	qtz	95	co	1
151.56	151.95	4cm thick QZVN with brown lim alteration through fractures	QZVN		1.0%	w			fr	2
151.56	151.95	Broken, Blocky minor gouged blk phyllite unit with thin SLT beds and lamella	MT-Phy		99.0%	n			fr	2
151.95	166.9	2-3cm thick low core angle vuggy sheeted qzvns	QZVN		1.0%	w			co	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
151.95	166.9	Clast supported gey-green granule QPC with chl smgr alteration of fspar. Mod chl and lim alteration along fractures and vn selvedge. Clasts: 95% qtz, 4% fspar, <1% lithics	MT-CO	grn	30.0%	gy	qtz	95	co	2
151.95	166.9	Grey mgr-cgr qtz rich SS with dark grey whispy chl stringers filling in semi penetrative seams	MT-SS	cgr	69.0%	gy	qtz	95	co	2
166.9	173.35	Grey-green SLT beds and lamella interbedded with phyllite	MT-SLT	fgr	20.0%	gy-g			fr	2
166.9	173.35	Competent, blocky blk phyllite interbedded with SLT beds and lamella.	MT-Phy		80.0%	n			fr	2
173.35	196.2	Blocky black phyllite with interbedded SLT lamella	MT-Phy		30.0%	n			fr	2
173.35	196.2	Broken, silicified cgr grey-green qtz rich SS. Clast supported with minor wcy alteration of fspar clasts. Weak perv chl alteration	MT-SS	cgr	70.0%	gy	qtz	95	co	2
196.2	221.36	Blk phyllite with interbedded grey-green SLT bedding. Thin qzvns are highly deformed and folded. Visible Axial planes and penetrative cleavage. Contact between phyllite unit and SS downhole is competent and concordant to phyl/SS bedding/cleavage.	MT-Phy		100.0%	n			fr	3
221.36	230.72	Blk phyl with SLT lamella interbedded with cgr SS. Contacts are both gradational and sharp throughout unit. Contacts concordant to phyl/SLT bedding/cleavage	MT-Phy		20.0%	n			co	3
221.36	230.72	Grey-green chl altered SS. Qtz rich grain supported cgr clasts. Localized zones of granule QPC.	MT-SS	cgr	80.0%	gy	qtz	95	co	2
230.72	246.75	0.5-2cm thick SHTV QZVNS throughout, 2mm STWK veining in local areas of intense deformation. 246-246.5m large massive Qzvn	QZVN		15.0%	w			co	1
230.72	246.75	Dark grey granule QPC. Very little matrix, almost completely grain supported. Translucent, grey and blue qtz clasts up to 2mm. Clasts: subrounded-rounded <95% qtz, <5% fspar	MT-CO	grn	85.0%	gy	qtz	95	co	2
246.75	257.5	mgr-cgr grey SS. Clast supported, qtz rich. Thin semi penetrative seams, 3cm spacing	MT-SS	cgr	30.0%	gy			co	2
246.75	257.5	Blk phyllite with abundant SLT bedding, thin deformed beds in local zones of intense deformation with thin qzvns. Vns are both parallel and x-cutting bedding.	MT-Phy		70.0%	n			co	3
257.5	285	Blk phyllite with minor SLT lamella. Very thin fecb replaced qzvns. Strong foliation with flared bedding	MT-Phy		100.0%	n			co	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
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Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
6	11	clay fault gouge very abundant in this fault zone. Completely undermines rock integrity.	cy	3	gouge	o
6	11.8	vein and fracture controled carbonate alteration orange to grey	fecb	1	vn	o
11.8	14.1	Vein and fracture controlled carbonate alteration including fe-carbonate and chlorite giving it a localised greenish colouration..	fecb	2	vn	gn
11.8	14.1	clay fault gouge very abundant in this fault zone. Completely undermines rock integrity.	cy	3	gouge	gy
14.1	14.65	Vein and fracture controlled carbonate alteration including fe-carbonate and chlorite giving it a localised greenish colouration..	fecb	1	vn	o
14.1	14.65	white fg sericie alteration of phyllite surrounding small fractures and veinlets	ser	2	frac	w
14.1	14.65	pervasve white to grey clay aleration of phyllite… varies across interval from weak to locally quite strong.	cy	1	perv	gy
14.65	15	clay fault gouge very abundant in this fault zone. Completely undermines rock integrity.	cy	3	gouge	br
14.65	15	sericite aleration disseminated in gouge	ser	1	diss	w
14.65	15	carbonate alteration disseminated in gouge.	fecb	1	diss	o
15	18.3	white fg sericie alteration of phyllite surrounding small fractures and veinlets	ser	1	frac	w
15	18.3	Vein and fracture controlled carbonate alteration including fe-carbonate and chlorite giving it a localised greenish colouration..	fecb	1	vn	o
18.3	24	green fg sericie alteration of phyllite surrounding small pale green ser-chl rich veinlets	ser	2	vn	g
18.3	24	Increase in intensity of carbonate alteration associated with an increase in veining and faulting	fecb	2	vn	o
18.3	24	green fg chlorite alteration of phyllite surrounding small pale green ser-chl rich veinlets	chl	1	vn	g
18.8	24	Intervals of strong clay fault gouge.	cla	2	gouge	gy
24	27.2	white fg sericie alteration of phyllite surrounding small fractures and veinlets	ser	1	frac	w
24	27.2	Vein and fracture controlled carbonate alteration including fe-carbonate and chlorite giving it a localised greenish colouration..	fecb	1	vn	o
27.2	28	green fg sericie alteration of phyllite surrounding small pale green ser-chl rich veinlets. Increase in alteration associated with an increase in both white qtz-carbonate veining (now 15%) and pale green chlorite-sericite veinlets (10%)	ser	2	vn	g
27.2	28	green fg chlorite alteration of phyllite surrounding small pale green ser-chl rich veinlets. Increase in alteration associated with an increase in both white qtz-carbonate veining (now 15%) and pale green chlorite-sericite veinlets (10%)	chl	1	vn	g
27.2	28	Increase in alteration associated with an increase in both white qtz-carbonate veining (now 15%) and pale green chlorite-sericite veinlets (10%)	fecb	2	vn	o
28	72.25	Vein and fracture controlled carbonate alteration including fe-carbonate and chlorite giving it a localised greenish colouration..	fecb	1	vn	o
28	72.25	white fg sericie alteration of phyllite surrounding small fractures and veinlets	ser	1	frac	w
34.95	37.7	Periodic small gouge zones in this fault zone.	cy	2	gouge	gy
39.4	39.5	small interval of fault gouge	cy	3	gouge	gy
41.5	41.6	small interval of fault gouge	cy	3	gouge	gy
45.6	45.7	small interval of fault gouge with a strong orange-red colouration from hematite and lesser realgar and orpiment	cy	3	gouge	o
45.95	46	small interval of fault gouge with a strong orange-red colouration from hematite and lesser realgar and orpiment	cy	3	gouge	o
50.5	51.45	notable increase in disseminated limonite and hematite seems to follow bedding.	LIM	2	diss	o
64.3	67.7	weak disseminated silicification of phyllites and siltstone.	SIL	1	diss	gy
64.3	67.7	Abundant intervals of clay-richfault gouge cutting the rock… several zones where this clay acts as a "breccia" matrix.	cy	2	gouge	gy
72.25	73.15	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	ser	2	perv	g

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Plunge:	Azimuth:	EOH:					
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
72.25	73.15	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	cbt	2	perv	o
72.25	73.15	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	chl	1	perv	g
73.15	80.45	weak disseminated sericite intensifies slightlyu around some carbonate veins.	ser	1	diss	g
73.15	80.45	orange-brown carbonate overprint particularly around fractures and some veining	fecb	1	frac	o
73.15	80.45	weak disseminated silicification of phyllites and siltstone.	SIL	1	diss	gy
80.45	80.55	Seam of clay fault gouge	cy	4	gouge	gy
80.55	83.55	weak disseminated sericite intensifies slightlyu around some carbonate veins.	ser	1	diss	g
80.55	83.55	orange-brown carbonate overprint particularly around fractures and some veining	fecb	1	frac	o
80.55	83.55	very minor, weak chlorite alteration relegated to selvages of some carbonate veins	chl	1	vn	g
83.55	83.95	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	chl	1	perv	g
83.55	83.95	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	ser	2	perv	g
83.55	87.05	weak sericite almost completely relegated to around some carbonate veins.	ser	1	vn	g
83.55	83.95	A combination of moderate pale green sericite alteration, white to orange-brown carbonate alteration and a weak darker green chlorite has given the rock a pale green colouration. Alteration change associated with a combination of lithology chaner and a drastic increase in veining percentage.	cbt	2	perv	o
83.55	87.05	orange-brown carbonate overprint particularly around fractures and some veining	fecb	1	frac	o
87.05	110.03	wcy smgr of fspar clasts overprinted by rust staining	cy	2	smgr	w
87.05	87.9	lim altn along open and healed fracs and vn boundaries	LIM	1	frac	b
87.9	89.8	Pervasive lim alteration through friable/broken core	LIM	4	perv	b
89.8	110.03	lim altn along open and healed fracs and vn boundaries	LIM	2	frac	b
96.65	97.2	Py/asp dark gray matrix with strong alignment of matrix 35 TCA. Scorodite is all along fractures. Scorodite altn after asp mineralisation	sco	2	frac	g
97.2	110.03	Yellow staining in qzvning	fecb	2	vn	y
122.06	128.4	powdered white clay alteration along fractures and healed fractures in quartz breccia	cy	3	frac	w
131.4	151.56	powdered white clay coating along fractures (generally 20-40TCA)	cy	2	frac	w
131.4	151.95	orange brown rust-staining along vuggy vein boundaries and along fractures	LIM	1	frac	o
131.4	151.56	weak grey silicification throughout entire sandstone-conglomerate unit with blurring of quartz grain boundaries (grain-boundary dissolution); feldspar clasts largely preserved	SIL	2	perv	gy
131.4	151.56	buff-crème iron-carbonate coateing along vein boundaries	fecb	1	vn	bf
131.4	151.56	white clay alteration of feldspar clasts in conglomerate	cy	2	smgr	w
151.95	152.5	orange brown lim alteration of fspar clasts in pbl QPC	LIM	2	smgr	o
152.5	158.85	Mod light green chl replacement of fspar clasts	chl	2	smgr	g
152.5	158.85	Weak percasive dark grey-green chloritic semi penetrative seams through QPC and alteration of grain boundaries and matrix	chl	1	perv	g

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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
158.85	166.4	Wcy replacement of fspar clasts and minor matrix replacement	cy	2	smgr	w
164.75	166.4	Wcy coating broken up QPC above contact with phyllite below	cy	3	frac	w
166.4	174.6	Bf fecb alteration along deformed, boudinaged qzvns throughout phyllite	fecb	1	vn	bf
174.6	177.85	Lim alteration throughout sheared and Sheeted qzvns. Strong replacement in vuggy veins	LIM	2	vn	o-b
174.6	177.85	wcy alteration of smgr fspar clasts	cy	1	smgr	w
177.85	180.3	Strong lim alteration and rust along broken surfaces in fault zone as well as filled fractures.	LIM	3	frac	o-b
180.3	182	Lim alteration throughout sheared and Sheeted qzvns. Strong replacement in vuggy veins	LIM	2	vn	o-b
182	224.6	Fecb alteration in deformed qzvns throughout SS and phyl	fecb	2	vn	bf
182	182	Carbonate blebs within deformed qzvns in SS	cbt	1	vn	w
217	231	chl alteration in deformed/boudinaged qzvns in phyl/SS	chl	1	vn	g
217	231	weak pervasive chl alteration of matrix and clasts	chl	1	perv	g
231	246.75	wcy replacement of fspar	cy	2	smgr	w
231	246.75	wcy infilling fractures	cy	2	frac	w
231	246.75	wcy blebs along vn/wallrock contact	cy	1	vn	w
245.7	231	Fecb alteration in deformed qzvns throughout SS and phyl	fecb	1	vn	bf
245.7	231	chl alteration in deformed/boudinaged qzvns in phyl/SS	chl	1	vn	g
246.75	285	chl alteration in deformed/boudinaged qzvns in phyl/SS	chl	1	vn	g
272.3	272.4	Buff-green Fecb altered SLT gouge zone	fecb	4	gouge	bf
282.3	282.4	Buff-green Fecb altered SLT gouge zone	fecb	4	gouge	bf

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
6	11	FZ	300.0%	BFZ	Abundant clay fault gouge.
11.8	14.1	QZVN	300.0%	BFZ	Quartz-carbonate fault veining with abundant vugs
14.65	15	FZ	400.0%	BFZ	Completely clay gouge.
18.8	24	FZ	300.0%	BFZ	Fault zone with inervals of gouge and of bercciated/fractured qtz-carbonate fault veins
34.95	37.7	FZ	200.0%	BFZ	zone with frequent, small fault gouge zones
39.4	39.5	FZ	400.0%	BFZ	small interval of fault gouge
41.5	41.6	FZ	400.0%	BFZ	small interval of fault gouge
45.6	45.7	FZ	400.0%	BFZ	small interval of fault gouge with a strong orange-red colouration from hematite and lesser realgar and orpiment
45.95	46	FZ	400.0%	BFZ	small interval of fault gouge with a strong orange-red colouration from hematite and lesser realgar and orpiment
62.3	62.4	QZVN	300.0%		quartz-carbonate vein with abundant cinnabar, realgar and hematite
64.3	67.7	FZ	300.0%	BFZ	Faulted phyllite with abundant clay-rich gouge intervals.
72.75	73.03	QZVN	300.0%		Quartz-carbonte vein with carboante-altered fragments.
87.9	89.8	FZ	200.0%	BFZ	Rust stained broken and friable BFZ
96.65	97.2	SZ	300.0%	DBSZ	Py/asp dark gray matrix with strong alignment of matrix 35 TCA
107.7	110.03	QZVN	400.0%	bx	Grey qzt breccia with 2% dark grey chloritic matrix contain densely diss sulphides. Qtz clasts are from 0.5-3cm diameter. Partially gouged

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
	Plunge:	Azimuth:	EOH:				
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From	To	Mineral	Intensity	Distribution	Comments
110.03	122.06	FZ	200.0%	BFZ	Entire interval of phylllite is friable and partially gouged with densely spaced thing deforme veinlets bewteen 110.03 - 116.50m. More competent between 116.50m-122.06m.
122.06	128.4	FZ	300.0%	DBSZ	0.5mm grain diameter sulfides (arsenopyrite & pyrite) grains along chloritic matrix seams in zone of brittle-ductile deformation: Sheared and brecciated interval + partially broken and friable: Lithology is a mixture of quartz veining and sandstone. Dark grey aligned (chloritic) matrix seams that bound stretched quartz vein ribbons and clasts. Shear foliation locally micro-folded/flexed.
128.4	131.4	FZ	200.0%	BFZ	partially gouged and friable phyllite interbed unit
151.56	151.95	FZ	200.0%	BFZ	Short phyllite interbed unit with hard competent contacts concordant to phyllite compositional bedding cleavage So. Bloccy along foliation with rust-staining and partially friable.
177.85	180.3	FZ	200.0%	BFZ	Broken/Fragmented QPC/SS fault zone. Strong Lim+rust coating on broken surfaces and fractures
190.5	191.5	FZ	200.0%	BFZ	Broken with minor gouge SS/phyl fault zone. Wcy coated fragments and gouge
195	196.2	FZ	200.0%	BFZ	Broken with minor gouge SS/phyl fault zone. Wcy coated fragments and gouge. Fecb altered vns
199.3	203.5	FZ	200.0%	BFZ	Broken with minor gouge SS/phyl fault zone. Wcy coated fragments and gouge. Fecb altered vns
203.5	204	SZ	300.0%	DBSZ	QZVN filled fault zone. Highly folded/sheared qzvns and phyllite
216.2	217.8	QZVN	300.0%	DBSZ	QZVN filled fault zone. Highly folded/sheared qzvns and phyllite
240.3	240.6	QZVN	300.0%	mass	Massive white unaltered qzvn
244.95	246.75	QZVN	300.0%	DBSZ	Intense qzvning zone over 80%.. Highly folded/sheared qzvns with intense host rock deformation/folding
258.6	260	FZ	200.0%	BFZ	Brittle Fault zone with chaotic thin qzvns and gouge zones with mud/chl coating
265.75	266.05	SZ	300.0%	DBSZ	TVA array, 1cm thick boudinaged qzvns, 2-3cm long, 2 cm spacing

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
6	20.65	No fresh sulfides but moderate and varrying amounts of hematite and limonite both disseminated within the phyllite and within and surrounding some veinlets and fractures. Possible very minor fracture-controlled realgar.	hem	1	diss
6	20.65	No fresh sulfides but moderate and varrying amounts of hematite and limonite both disseminated within the phyllite and within and surrounding some veinlets and fractures. Possible very minor fracture-controlled realgar.	rea	0.01	frac
6	20.65	No fresh sulfides but moderate and varrying amounts of hematite and limonite both disseminated within the phyllite and within and surrounding some veinlets and fractures. Possible very minor fracture-controlled realgar.	hem	2	vn
20.65	21.7	Abundant hematite and lesser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	orp	1	frac
20.65	21.7	Abundant hematite and leser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	rea	1	frac
20.65	21.7	Abundant hematite and leser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	hem	3	frac
21.7	27.2	mior hematite and limonite on some fracture surfaces.	hem	0.1	frac
27.2	29	Abundant hematite and lesser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	rea	1	frac
27.2	29	Abundant hematite and lesser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	hem	2	frac
27.2	28	First incident of fresh pyrite as mg euhedral cubes within white quarz-carbonate veinng.	py	2	vn
27.2	29	Abundant hematite and lesser realgar and orpiment within very minor gouge zones, within, quartz-carbonate veining and on fracture surfaces.	orp	0.5	frac

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
Plunge:	60	Azimuth:	270	EOH:	285		

From:	To:	Comments	Mineral	Percent	Distribution
29	58.56	minor vein and trace disseminated pyrite cubes.	py	0.5	vn
29	45	hematite on some fracture surfaces and associated with some of the veining	hem	0.5	frac
29	45	minor realgar on some fracture surfaces	rea	0.1	frac
45	46.1	Increase in hematite and realgar as a fracture coating and in some minor clay gouge sections.	hem	2	frac
45	46.1	Increase in hematite and realgar as a fracture coating and in some minor clay gouge sections.	rea	1	frac
46.1	58.56	hematite on some fracture surfaces and associated with some of the veining	hem	0.5	frac
46.1	58.56	minor realgar on some fracture surfaces	rea	0.05	frac
58.56	61.6	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width accompanying a slight increase in pyrite content.	hem	1	vn
58.56	60.25	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width accompanying a slight increase in pyrite content.	py	0.5	vn
58.56	61.6	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width accompanying a slight increase in pyrite content.	rea	0.5	vn
61.6	62.3	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width. Slight decrease in pyrite.	py	0.05	vn
61.6	62.3	minor cinnbar (?) within some of the veining	cin	0.05	vn
61.6	62.3	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width. Slight decrease in pyrite.	hem	2	vn
61.6	62.3	Increased incidence of fractures and red-orange veinlets ranging from 1-5mm in width. Slight decrease in pyrite.	rea	1	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	hem	20	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	asp	0.1	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	orp	1	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	cin	5	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	rea	5	vn
62.3	62.4	Vuggy quartz-carbonate vein with an extremely abundant scarlet to red brown mineral mixture with a scarlet streak (likely a hematite and cinnabar mixture), green scordite and lesser realgar and orpiment. The scordite seems to be mixed/associated with some sericite. Very minor oxidizing arsenopyrite still visible.	sco	3	vn
62.4	63.3	Fractures and red-orange veinlets ranging from 1-5mm in width.	rea	1	vn
62.4	63.3	minor cinnbar (?) within some of the veining	cin	0.1	vn
62.4	63.3	Fractures and red-orange veinlets ranging from 1-5mm in width.	hem	2	vn
62.4	63.3	Fractures and red-orange veinlets ranging from 1-5mm in width.	py	0.05	vn
63.3	72.25	minor hematite on fracture surfaces and some veinlets	hem	0.5	frac
63.3	72.25	minor pyrite in small veinlets	pyr	0.1	vn
72.25	81	On fracture surfaces and within veining	hem	2	frac
72.25	74	trace aspy in some quartz-carbonate veining.	asp	0.01	vn
72.25	74	Pyrite in quartz-carbonate veins and, to a lesser extent, in their selvages	py	2	vn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
60	270	285

From:	To:	Comments	Mineral	Percent	Distribution
74	81	Minor vein and trace disseminated pyrite.	py	0.1	vn
74	81	red to orange (mixed with orpiment?) realgar on some fracture surfaces and in some veins	rea	0.1	frac
81	87.05	On fracture surfaces and within veining	hem	1	frac
81	83.95	euhedral pyrite cubes in veining and peripheral to veining particularly in sandstone intervals	py	2	vn
83.95	85.9	much less pyrite but still predominantly in sandstones surrounding small veinlets… decrease in pyrite is accompanied by decrease in veining abundance. (0.5-1%)	py	0.5	vn
85.9	86.85	Abundant pyrite in and arround veining or as blebs at bedding contacts.	py	2	vn
87.05	87.9	Fine grain wall rock mineralisation	asp	0.5	vn
87.05	87.9	Fine grain wall rock mineralisation	py	1	vn
89.8	96.65	Fine grained diss asp in wallrock and along selvedge, dominantly along vn boundary. General grain size <0.5mm	asp	0.4	vn
89.8	96.65	Fine grained diss py and occasional py clusters in wallrock and along selvedge, dominantly along vn boundary. General grain size <0.5mm	py	0.8	vn
91.75	91.76	1.5cm bleb of sphalerite intergrown with pyrite in boudinaged veining	sph	2	vn
96.65	97.2	Py/asp dark gray matrix with strong alignment of matrix 35 TCA	py	10	vn
96.65	97.2	Py/asp dark gray matrix with strong alignment of matrix 35 TCA. Scorodite is all along fractures.	sco	1	vn
96.65	97.2	Py/asp dark gray matrix with strong alignment of matrix 35 TCA	asp	5	vn
97.2	99	Diss wallrock mineralisation	asp	0.1	vn
97.2	99	Diss wallrock mineralisation	py	0.2	vn
99	100.5	Fine grained diss vn/wallrock mineralisation	py	0.5	vn
99	100.5	Densely cgr diss asp grains with rust halos, vein and wallrock associated. Grains up to 2mm in diameter. Also fine grained asp/py	asp	0.8	vn
100.5	107.7	Concentrated blebs of asp in wallrock and matrix, stringer and vein asp.	asp	0.6	vn
100.5	107.7	Finegrained diss in wallrock, rare blebs in matrix	py	0.3	vn
100.65	100.77	arsenopyrite bleb holding visible gold in quartz vein	asp	2	vn
100.65	100.77	small gold spec within arsenopyrite in ~15cm thick, ~50TCA quartz vein	au	0.01	vn
101.03	101.25	small spec in ~20cm thick, massive 25TCA quartz vein	au	0.01	vn
104.5	104.55	small cluster in veining concordant to sandstone-QPC interbed contact	bn	1	vn
107.7	110.03	Grey qzt breccia with 2% dark grey chloritic matrix contain densely diss sulphides. Qtz clasts are from 0.5-3cm diameter. Partially gouged	py	0.7	vn
107.7	110.03	Grey qzt breccia with 2% dark grey chloritic matrix contain densely diss sulphides. Qtz clasts are from 0.5-3cm diameter. Partially gouged	asp	1	vn
110.03	116.5	disseminated gouged	py	0.5	gouge
114.4	115	as low core angle 1cm thick stringer bands in quartz veining	py	10	vn
116.5	122.06	trace fine-grained disseminated in fairly competent phyllite	py	0.1	diss
122.06	128.4	0.5mm grain diameter sulfides (arsenopyrite & pyrite) grains along chloritic matrix seams in zone of brittle-ductile deformation: Sheared and brecciated interval + partially broken and friable: Lithology is a mixture of quartz veining and sandstone. Dark grey aligned (chloritic) matrix seams that bound stretched quartz vein ribbons and clasts. Shear foliation locally micro-folded/flexed.	asp	0.3	vn
122.06	128.4	0.5mm grain diameter sulfides (arsenopyrite & pyrite) grains along chloritic matrix seams in zone of brittle-ductile deformation: Sheared and brecciated interval + partially broken and friable: Lithology is a mixture of quartz veining and sandstone. Dark grey aligned (chloritic) matrix seams that bound stretched quartz vein ribbons and clasts. Shear foliation locally micro-folded/flexed.	py	1	vn
128.4	131.4	in random thin (<0.5cm thick) veinlets in gouged phyllite	py	0.2	vn
131.4	134.65	suhedral to euhedral, fine-grained disseminated arsenopyrite throughout silicified (sand/conglomerate) matrix	asp	0.2	diss

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

From:	To:	Comments	Mineral	Percent	Distribution
131.4	134.65	suhedral to euhedral, fine-grained disseminated pyrite throughout silicified (sand/conglomerate) matrix; also pyrite along vein boundaries	py	0.3	diss
134.65	143.7	trace suhedral to euhedral, fine-grained disseminated pyrite throughout silicified (sand/conglomerate) matrix; also pyrite along vein boundaries	py	0.01	diss
134.65	143.7	trace suhedral to euhedral, fine-grained disseminated pyrite throughout silicified (sand/conglomerate) matrix; also pyrite along vein boundaries	py	0.01	diss
143.7	151.56	along vein boundaries and chlorite seams	asp	0.1	vn
143.7	151.56	along vein boundaries and chlorite seams	py	0.3	vn
151.56	151.95	trace fine-grained pyrite in thin quartz seams in phyllite interbed	py	0.01	vn
151.95	166.4	Trace fgr diss py throughout QPC matrix	py	0.01	diss
166.4	173.35	Mgr py xls throughout thin deformed/boudinaged qzvns localized in bleds	py	0.1	vn
173.35	177.85	Occassional clusters in veining as intergrowths with py: singular 0.5mm grains in 30-40 TCA sheeted veinlets and in silicified wallrock	asp	0.8	vn
173.35	177.85	half of py min is diss in silicified wallrock	py	1.5	diss
173.35	177.85	Py min associated with low core angle veining as stringers, in wallrock and as clusters associated with intergrowthed asp in veining	py	1.5	vn
177.85	180.5	Trace diss py in intensely crushed lim altered interval	py	0.01	diss
177.85	180.5	trace diss asp in intensely crushed lim altered interval	asp	0.01	diss
180.5	185.8	trace figr diss py in matrix and in occassional vuggy qzvning	py	0.01	diss
185.8	190.5	Vn and associated with silicified wallrock	asp	0.2	vn
185.8	190.5	Vn and associated with silicified wallrock	py	0.5	vn
190.5	191.5	Vein asp in fault zone with increase diss py in gouge	asp	0.2	vn
190.5	191.5	Vein py in fault zone with increase diss py in gouge	py	0.6	vn
191.5	195	Fgr py in fecb altered veinlets and vn wallrock contact zone	py	0.01	vn
195	196.2	Cgr in vuggy fragmented qzvning	py	0.1	vn
196.2	199.3	Rare stingers concordant to compositional bedding/cleavage	py	0.01	fol
199.3	204	Diss cgr euh py phyllite gouge throughout fault zone	py	0.5	gouge
199.3	204	Py min in deformed qzvns and in qtz bx zones	py	0.2	vn
204	212	Py in LCA qtz-fecb seams in graphitic phyllite	py	0.1	vn
212	217.2	py in foliation concordant qtz-fecb veining	py	0.05	vn
217.2	217.8	fgr in deformed qtz-chl veining	py	0.1	vn
217.8	223.8	fgr euh semi massive stringers along compositional ebdding/cleavage	py	0.1	vn
223.8	230.72	Diss along foliation and minor random diss throughout matrix	py	0.1	fol
230.72	235.8	Py min generally in 40 TCA veining	py	0.4	vn
230.72	235.8	Asp min generally in 40 TCA veining	asp	0.1	vn
235.8	246.75	Cgr euh py in SHTV qzvns and along qtz filled fractures. Py xls are often localized in blebs associated with asp mineralisation	py	0.5	vn
235.8	246.75	fgr anh-subhedral asp xls in blebs and stringers within qzvns and penetrative wall rock in silicified zones.	asp	0.2	vn
246.75	249.5	fine grained massive py beds and lenses following phyllite bedding/cleavage	py	0.2	fol
249.5	249.94	Sparse cgr euh py along sheeted qzvns and wallrock contact	py	0.1	vn
249.94	285	mgr Euh py min along phyl/SLT bedding/cleavage	py	0.2	fol
249.94	285	mgr Euh py min along deformed fecb/chl qvns	py	0.1	vn

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	285					

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
11.2	Bedding	46	So			50			thinly laminated phyllite and lesser siltstone beds.
14.2	Bedding	46	So			80			thinly laminated phyllite and lesser siltstone beds.
15.2	Veins	38	D1	cbt	AXP	60			axial planar quartz-carbonate veining ranging from 1mm-5cm. Very consistent orientatin. Often vuggy. Can contain minor feo and chlorite.
15.3	Bedding	46	So			20			thinly laminated phyllite and lesser siltstone beds.
15.35	Fold axes	18	F1			60			strong cleavage around which the bedding is folded in both a larger open fold and many, very frequent parasitic folds.
15.4	Cleavage	4	S1			60			strong cleavage around which the bedding is folded in both a larger open fold and many, very frequent parasitic folds.
16.05	Veins	38	D1	cbt		60			axial planar quartz-carbonate veining ranging from 1mm-5cm. Very consistent orientatin. Often vuggy. Can contain minor feo and chlorite.axial planar quartz-carbonate veining ranging from 1mm-5cm. Very consistent orientatin. Often vuggy. Can contain minor feo and chlorite.
16.25	Veins	38	D1	cbt		45			axial planar quartz-carbonate veining ranging from 1mm-5cm. Very consistent orientatin. Often vuggy. Can contain minor feo and chlorite.
16.4	Fold axes	18	F1			50			Isoclinal folding of bedding around penetrative foliation with axial planar veining.
16.65	Veins	38	D1	cbt		50			axial planar quartz-carbonate veining ranging from 1mm-5cm. Very consistent orientatin. Often vuggy. Can contain minor feo and chlorite.
18.3	Veins	38		cbt		10			qtz-crb veining ranging in width from 2mm - 2cm.
18.4	Veins	38		cbt		75			qtz-crb veining ranging in width from 2mm - 2cm.
20.7	Veins	38		cbt		45			Large (10 cm) qtz caronate vein with most of the carbonate segregated to the top of hole portion of vein and quartz to the bottom half.
30.3	Bedding	46	So			45			Finely interbedded phyllite and lesser siltstone
36.15	Cleavage	4	S1			65			Cleavage is axial planar to the small parasitic folds in the bedding and veining
36.2	Veins	308	So	ser		25			pale green, soft ser-chlorite rich veinet showing tigmatic folding parallel to phylite. Cleavage is axial planar to the small parasitic folds
36.2	Bedding	46	So			25			Finely interbedded phyllite and lesser siltstone
37.8	Bedding	46	So			30			Finely interbedded phyllite and lesser siltstone
39.2	Bedding	46	So			10			Finely interbedded phyllite and lesser siltstone
40.25	Bedding	46	So			30			Finely interbedded phyllite and lesser siltstone
41.6	Faults	38		cy		45			fault gouge
47.7	Veins	308		cbt		30			thin, 2mm wide carbonate veinlet.
50.9	Bedding	46	So			30			Finely interbedded phyllite and lesser siltstone
52.2	Cleavage	17	Sx			60			
54.25	Veins	308		cbt	Open	40			quartz carbonate vein parallel to bedding
54.3	Bedding	46	So			40			Finely interbedded phyllite and lesser siltstone
57.5	Bedding	46	So			20			Finely interbedded phyllite and lesser siltstone
59.65	Cleavage	4	S1`			50			
59.7	Bedding	46	So			10			showing small assymetrical, open folding around cleavage.
62.35	Veins	38		cin	Open	55			quartz-carbonate vein with abundant cinnabar, realgar and hematite
63.4	Veins	38		cbt		30			white qtz-carbonate veinet

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
63.45	Bedding	46	So			30			Finely interbedded phyllite and lesser siltstone
63.5	Veins	38		cbt		70			white qtz-carbonate veinet
68.6	Bedding	46	So			40			interbedded phyllite, siltstone, and sandstone.
68.7	Veins	38		fecb	SHTV	65			Very red-brown, feo-rich vuggy carbonate-quartz vein set
71.15	Cleavage	4	S1			75			
72.25	Contact	46	So			60			Bedding contact between phyllite and sandstone
72.45	Veins	38		cbt		20			white to orange tinted quartz-carbonate vein with pyrite blebs and possible trace arsenopyrite.
72.65	Veins	38		cbt		30			white to orange tinted quartz-carbonate vein with pyrite blebs and possible trace arsenopyrite.
73	Veins	38		cbt		45			Large (30cm) white to orange tinted quartz-carbonate vein with pyrite blebs, carbonate fragments and ct by range-brown fe-carbonate stringers.
73.7	Veins	38		fecb		10			5mm wide fe-carbonate vein with abundant hematite and pyrite.
74.25	Veins	38		rea		70			bright red-orange veinlet filled by feo and realgar with lesser orpiment
75.2	Bedding	46	So			40			
77	Veins	38		cbt	SHTV	75			sub-parallel, white carbonate-calcite vein set
79.3	Bedding	46	So			40			interbedded phyllite, siltstone, and sandstone.
79.35	Cleavage	4	S1			50			
80.55	Faults	38		cy	Gouge	50			gouge seam
81.15	Veins	38		cbt		30			qtz-crb vein with abundant associated pyrite in selvage and lesser amounts in vein proper.
81.55	Bedding	46	So			50			
83	Veins	38		cbt		60			pinch and swell vuggy quartz-carbonate vein with minor chlorite and abundant feo.
83.9	Contact	46	So			40			Sharp bedding contact between sandstone and phyllite
85.95	Veins	38		qtz		30			qtz-crb vein with pyrite
86.4	Bedding	46	So			50			
86.5	Veins	38		py		50			pyrite-rich (35-40%) stringer set.
86.8	Bedding	46	So		bed	45			Phyl SLT compostional bedding
86.9	Veins	38		py		15			pyrite-rich stringer
86.95	Veins	38		py		5			pyrite-rich stringer
87	Veins	38		py		50			pyrite-rich stringer
87.05	Contact	46	So		bed	50			sharp, somewhat disrupted bedding contact between pyllite and interbedded sandstone/QPC
87.05	Bedding	46	So		bed	35			Phyllite/SS contact intruded by multiple stages of SHTV qzvns
87.05	Cleavage	4	S1		FOL	80			
90.3	Contact	46	So		bed	45			Phyllite/QPC contact
90.8	Bedding		So	chl		35			compositional bedding cleavage in silt/sand
92.4	Cleavage		Sx			45			penetrative seams altered by chlorite & limonite at about ~1cm spacing
93.5	Cleavage		Sx			20			alignment of elongated QPC clasts
95.3	Veins			fecb		80			2cm thick vein with
95.95	Veins			LIM	SHTV	45			4 densely spaced sheeted veins: 0.5-2cm thick at 1cm spacing
96.16	Veins			LIM		40			10cm thick quartz veing with contact parallel chlorite stringers within vein
97	Veins		V2	LIM		40			0.5cm thick, undulated veinlets
97	Veins		V1	LIM		80			0.5cm thick, undulated veinlets ;V1 crosscuts V2 at 65 degrees

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
98.3	Veins			fecb		55			1cm thick, individual undulated quartz vein
98.85	Veins			LIM	SZB	20			SHEAR ZONE BOUNDARY of tension vein array
98.85	Veins			LIM	TVA	50			1cm thick, slightly vuggy, boxwork pyrite mineralized, lenseshape quartz boudins at 2cm spacing
99.85	Cleavage		Sx	LIM		50			semi-penetrative seams in granule size QPC at 5mm spacing
100.75	Veins			Au		30			12cm gold mineralized vein; contacts are fragmented but repeated healed fracture orienation within vein at 30TCA
101.04	Veins			Au	MASS	60			gold mineralized, massive, ~30cm thick, yellow-white stained quartz vein
102.3	Cleavage		Sx			65			semi-penetrative seams in granule size QPC at 5mm spacing
102.3	Veins				SHTV	65			foliation concordant (Sx) series of 3-5mm thick veinlets
102.6	Veins			asp	MASS	15			asp mineralized, 6cm thick massive quartz vein with limonate and chlorite seams in healed fractures
103.65	Veins			fecb		35			20cm thick, massive quartz vein
104.5	Veins			bn	Veinlets	65			bn wallrock mineralized, concordant to QPC-Sandstone contact
104.55	Contact			LIM		65			QPC above and Sandstone below; hard & competent
106.63	Veins			LIM		10			3cm thick, yellow-white quartz vein
107.65	Cleavage		Sx			55			aligned dark grey, wispy chloritic seams and strechted, ribboned quartz clasts
107.95	Faults			chl	Gouge	60			gouged quartz breccia with dark grey chlorite and also white clay component
109	Veins			LIM		10			0.5cm thick, undulated veinlet in quartz breccia (late stage?)
109.9	Cleavage		So			45			compositional bedding cleavage in phyllite/silt sequence
110.03	Contact					35			sandstone above and phyllite below
110.7	Faults					25			black sheared, friable phyllite wedge below and veined silt/sand above
111.4	Veins			py	Veinlets	30			semi-massive, ~1cm thick pyrite stringer-quartz veinlets --- flex-folded
111.85	Veins					70			3mm thick veinlet in phyllite gouge zone
117.05	Cleavage		So			30			flex-folded compositional bedding cleavage in phyllite
118	Cleavage		So			30			flex-folded compositional bedding cleavage in phyllite
120.4	Axial Plane					25			parasitic folding; AXP intersects So at 80 degrees
120.4	Cleavage		So			90			compositional bedding cleavage in phyllite (flex-folded)
120.7	Cleavage		So			25			compostional bedding cleavage in phyllite-silt
120.8	Cleavage		So			25			compostional bedding cleavage in phyllite-silt
122.45	Cleavage		So			65			compostional bedding cleavage in phyllite-silt
122.8	Veins					70			vein orientation in sandstone
122.9	Cleavage		Ssh			65			semi-penetrative chlorite with small cink-folds
123.25	Veins			py	MASS	50			10cm thick, white quartz vein
123.93	Cleavage		Ssh			55			semi-penetrative chlorite with small cink-folds
127	Faults				Gouge				white clay chlorite gouge in quartz breccia
128.8	Faults			py	Gouge	60			muddy black phyllite gouge with quartz vein fragments and pyrite mineralization
129.1	Cleavage		So			45			compostional bedding cleavage in phyllite-silt
130.8	Cleavage		So			25			compostional bedding cleavage in phyllite-silt
131.25	Veins			LIM		60			2cm thick quartz vein
131.4	Contact					80			phyllite above and sandstone below; contact concordant to phyllite So
133.65	Veins			LIM	SHTV	30			densely spaced, 1-3cm thick, parallel veins

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
134	Veins				SHTV	0			group of low core angle, white quartz veins
135.1	Veins				SHTV	30			densely spaced, 2-5mm veinlets
135.9	Veins					10			1cm thick, undulated vein that runs over 60 cm
137.15	Veins			LIM		20			5mm thick
138.3	Veins		V1			0			V2 intersects V1 at 60 degrees
138.3	Veins		V2		SHTV	50			V2 cuts off V1
140.3	Cleavage		So			85			narrow phyllite interbed wedge
140.3	Contact				FOL				narrow phyllite interbed wedge
140.9	Veins				TVA	20			thin, diffuse seams
143.9	Contact				FOL	80			narrow phyllite interbed; contact concordant to phyllite So
143.9	Cleavage		So			80			narrow phyllite interbed; contact concordant to phyllite So
145.4	Cleavage		Sx	chl		70			wispy, diffuse aligned chlorite seams in sandstone
147.6	Cleavage		Sx	chl		40			wispy, diffuse aligned chlorite seams in sandstone
147.9	Cleavage		Sx	chl		70			wispy, diffuse aligned chlorite seams in sandstone
149.3	Veins			LIM	SHTV	20			repeated, 0.5-1cm thick, parallel quartz veins
151.56	Contact			LIM	FOL	80			lithological contact: conglomerate above and phyllite below; concordant to phyllite So
151.56	Cleavage			LIM		80			lithological contact: conglomerate above and phyllite below; concordant to phyllite So
151.9	Cleavage		So			80			phyllite interbed compositional bedding cleavage
154.8	Veins					5			0.5cm low core angle qzvn
155.35	Veins			chl		10			0.5cm thick qzvn x-cutting another qzvn at 10 degrees, angle between vn sets is 20 degrees
155.35	Veins			chl		10			0.5cm thick qzvn x-cutting another qzvn at 10 degrees, angle between vn sets is 20 degrees
158.05	Veins			chl	SHTV	25			Series of 1-2mm thick pinch out sheeted qzvns with chl alteration
160	Cleavage		Sx	fecb	FOL	60			Penetrative dark grey chl altered seams
166.85	Axial Plane			fecb		35			Axial plane measured through phyllite bedding fold hinges, QZVNS follow axial planar cleavage,angle between So and AXP is 90
166.85	Cleavage		So	fecb		45			Phyl/SLT bedding/cleavage, angle between So and AXP is 90
167.15	Cleavage		So			50			Phyl/SLT bedding/cleavage, angle between So and AXP is 90
168.3	Cleavage		So			70			Phyl/SLT bedding/cleavage, angle between So and AXP is 90
168.3	Cleavage		S1		FOL	55			Phyl/SLT bedding/cleavage, angle between So and AXP is 90
170	Cleavage		So			70			Phyl/SLT bedding/cleavage
170	Cleavage		S1		FOL	50			Whispy fabric flaring off bedding planes
172.2	Contact		So			50			Phyl/SLT bedding/cleavage
173.8	Veins				SHTV	40			thin 2-5mm thcik fecb altered sheeted vns, 3cm spacing
174.2	Veins				SHTV	35			thin 2-5mm thcik fecb altered sheeted vns, 3cm spacing
175.2	Veins			fecb	SHTV	30			3 3mm thick fecb altered sheeted qzvnx
175.3	Contact					60			Phyl/SS contact
176.4	Veins			LIM	SHTV	35			0.5cm-3cm thick sheeted qzvns 2-5cm spacing
180.7	Cleavage		So	LIM		50			phyl/SLT bedding/cleavage
182	Cleavage		So	LIM		50			phyl/SLT bedding/cleavage
182.8	Axial Plane				FOL	10			low core angle axial plane in highly folded area with multple axial plane orientations

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
182.8	Axial Plane				FOL	70			high core angle axial plane in highly folded area with multple axial plane orientations
185.5	Veins				SHTV	50			2 1cm thick SHTV qzvns, 15cm spacing
186.4	Cleavage		So			55			phyl/SLT bedding/cleavage
192.3	Bedding					40			1 cm thick piched out phyl lens in cgr SS
194.5	Cleavage		So			45			phyl/SLT bedding/cleavage
196.75	Axial Plane				FOL	40			Axial planar cleavage parallel to So/S1
196.75	Cleavage		So			40			phyl/SLT bedding/cleavage
198.8	Cleavage		So			50			phyl/SLT bedding/cleavage
201.25	Cleavage		So			50			phyl/SLT bedding/cleavage
203	Faults				Gouge				phyllite gouge
203.7	Cleavage		So			50			phyl/SLT bedding/cleavage
203.9	Cleavage		So			50			phyl/SLT bedding/cleavage
204.1	Cleavage		So			60			phyl/SLT bedding/cleavage
205.05	Cleavage		So			45			phyl/SLT bedding/cleavage
205.15	Cleavage		So			40			phyl/SLT bedding/cleavage
207.65	Cleavage		So			70			phyl/SLT bedding/cleavage
211.5	Cleavage		So			50			phyl/SLT bedding/cleavage
212.8	Cleavage		So			50			phyl/SLT bedding/cleavage
214.1	Cleavage		So			40			phyl/SLT bedding/cleavage
214.4	Axial Plane				FOL	40			Axial planar cleavage of folded phyllite bedding
214.75	Axial Plane				FOL	45			Axial planar cleavage of folded phyllite bedding, angle bw bedding and AXP is 45
214.75	Cleavage		So			0			phyl/SLT bedding/cleavage, angle bw bedding and AXP is 45
214.95	Axial Plane				FOL	60			Axial planar cleavage of folded phyllite bedding, angle bw bedding and AXP is 45
215.2	Cleavage		So			40			phyl/SLT bedding/cleavage
216.35	Cleavage		So			20			phyl/SLT bedding/cleavage
216.35	Axial Plane				FOL	40			Axial planar cleavage of folded phyllite bedding, angle bw So and AXP is 60 degrees
216.45	Axial Plane				FOL	35			Axial planar cleavage of folded phyllite bedding
216.7	Axial Plane				FOL	35			Axial planar cleavage of folded phyllite bedding
217.2	Cleavage		So			60			phyl/SLT bedding/cleavage
218.1	Cleavage		So			60			phyl/SLT bedding/cleavage
219.6	Cleavage		So			60			phyl/SLT bedding/cleavage
219.6	Cleavage		S1		FOL	30			Semi penetrative whispy flares of phyl/SLT bedding planes
221.45	Veins				mass	40			6cm thick massive unaltered qzvn
222.1	Cleavage		So			60			phyl/SLT bedding/cleavage
223.5	Cleavage		So			60			phyl/SLT bedding/cleavage, angle bw So and S1 is 55
223.5	Cleavage		S1		FOL	60			Semi penetrative whispy flares of phyl/SLT bedding planes, angle between So and S1 is 55 degrees
224.3	Veins		V1	cbt	SHTV	40			White-yellow carbonate altered vns. 3 SHTV qzvns, 1-3cm thick 15-20cm spacing
224.4	Veins		V2	cbt	SHTV	20			White-grey STHV qzvns, no alteration. 2 vns 1cm thick 1cm spacing
224.6	Contact			chl	FOL	60			Contact between granule QPC above phyllite

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
226.1	Veins					60			Single 1cm qzvn separating granule QPC with SS
226.4	Veins				SHTV	40			2 widely spaced 1cm thick sheeted vns
228.4	Cleavage		So		FOL	70			phyl/SLT bedding/cleavage
231.8	Veins				SHTV	40			Sub parallel 1cm thick sheeted qzvns, 5-10cm spacing
232	Veins				SHTV	60			Sub parallel 1cm thick sheeted qzvns, 5-10cm spacing
233	Veins					60			Single Qzvn, intervein angle 70
233	Veins				SHTV	50			Sub parallel 1cm thick sheeted qzvns, 5-10cm spacing, intervein angle 75
233.25	Veins					20			1cm thick qzvn
233.3	Veins					40			1cm thick qzvn
235	Contact		So	cy	FOL	30			Contact: SS above phyl in 10cm phyl bed
236.25	Veins			cbt	SHTV	45			4 1-5cm thick sheeted qzvns,10-20cm spacing
237.25	Veins			cy	SHTV	60			Thin 2-4mm thick sheeted qzvns 5-10cm spacing. Wcy alteration along along vein wallrock boundary
238.15	Veins			cy	SHTV	50			Thin 2-4mm thick sheeted qzvns 5-10cm spacing. Wcy alteration along along vein wallrock boundary
238.15	Veins			cy	SHTV	65			Thin 2-4mm thick sheeted qzvns 5-10cm spacing. Wcy alteration along along vein wallrock boundary
240.6	Contact		So	fecb	FOL	70			phyl/SLT bedding/cleavage
247.55	Cleavage		So			20			phyl/SLT bedding/cleavage
247.8	Axial Plane				FOL	40			Axial planar cleavage of deformed/folded phyllite unit
249.25	Cleavage		So			40			phyl/SLT bedding/cleavage
255.5	Cleavage				SZB	50			TVA shear zone boundary
257.7	Cleavage		So			50			phyl/SLT bedding/cleavage
258.3	Cleavage		So			50			phyl/SLT bedding/cleavage
263.4	Axial Plane				FOL	75			Axial planar cleavage of folded phyllite/SLT bedding
264.45	Cleavage		So			25			phyl/SLT bedding/cleavage
265.25	Cleavage		S1		FOL	50			Penetrative wispy cleavage along bedding planes, angle between So and S1 is 35 degrees
265.25	Bedding		So			20			phyl/SLT bedding/cleavage, angle between So and S1 is 35 degrees
266	Cleavage				SZB	10			TVA shear zone boundary
266	Veins				TVA	45			series of 1cm thick boudinaged TVA veins 2cm long, 2cm spacing
267.5	Bedding		So			25			phyl/SLT bedding/cleavage, angle between So and S1 is 35 degrees
267.5	Cleavage		S1		FOL	50			Penetrative wispy cleavage along bedding planes, angle between So and S1 is 35 degrees
268.7	Bedding		So			20			phyl/SLT bedding/cleavage
268.7	Cleavage		S1		FOL	50			Penetrative wispy cleavage along bedding planes
270.2	Cleavage		So		FOL	15			phyl/SLT bedding/cleavage
271.6	Cleavage		So		FOL	15			phyl/SLT bedding/cleavage
272.15	Faults			fecb	Gouge	50			Intense Fecb altered 10cm thick SLT gouge
276.6	Cleavage		So			60			phyl/SLT bedding/cleavage
279.1	Cleavage		S1			45			Penetrative wispy cleavage along bedding planes, angle bw So and S1 is 80
279.1	Bedding		So			30			phyl/SLT bedding/cleavage, angle bw So and S1 is 80
279.2	Veins				SHTV	25			1-2cm thick fecb altered SHTV
279.5	Cleavage		S1			65			Penetrative wispy cleavage along bedding planes

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-032	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
60	270	285					

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
281.2	Cleavage		So			60			phyl/SLT bedding/cleavage
282.3	Faults			fecb	Gouge	40			Intense Fecb altered 10cm thick SLT gouge

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32659	6	9	2011	Expl Geochem	H-split	MT-Phy
32660	9	11	2011	Expl Geochem	H-split	MT-Phy
32661	11	12	2011	Expl Geochem	H-split	MT-Phy
32662	12	14.1	2011	Expl Geochem	H-split	QZVN
32663	14.1	15	2011	Expl Geochem	H-split	MT-Phy
32664	15	17	2011	Expl Geochem	H-split	MT-Phy
32665	17	18.8	2011	Expl Geochem	H-split	MT-Phy
32666	18.8	20.65	2011	Expl Geochem	H-split	MT-Phy
32667	20.65	21.7	2011	Expl Geochem	H-split	QZVN
32670	21.7	24	2011	Blank	LWS_2011	MT-Phy
32668	21.7	24	2011	Expl Geochem	H-split	MT-Phy
32669	21.7	24	2011	DUP	Q-Split	MT-Phy
32671	24	25.5	2011	Expl Geochem	H-split	MT-Phy
32672	25.5	27.1	2011	Expl Geochem	H-split	MT-Phy
32673	27.1	28.1	2011	Expl Geochem	H-split	MT-Phy
32674	28.1	30	2011	Expl Geochem	H-split	MT-Phy
32675	30	32	2011	Expl Geochem	H-split	MT-Phy
32676	32	33	2011	Expl Geochem	H-split	MT-Phy
32677	33	34.95	2011	Expl Geochem	H-split	MT-Phy
32678	34.95	36.3	2011	Expl Geochem	H-split	MT-Phy
32679	36.3	37.7	2011	Expl Geochem	H-split	MT-Phy
32680	37.7	39	2011	Expl Geochem	H-split	MT-Phy
32681	39	40.7	2011	Expl Geochem	H-split	MT-Phy
32682	40.7	42.55	2011	Expl Geochem	H-split	MT-Phy
32683	42.55	43.65	2011	Expl Geochem	H-split	MT-Phy
32684	43.65	45	2011	Expl Geochem	H-split	MT-Phy
32685	45	46.1	2011	Expl Geochem	H-split	MT-Phy
32686	46.1	48	2011	Expl Geochem	H-split	MT-Phy
32687	48	50	2011	Expl Geochem	H-split	MT-Phy
32688	50	51.45	2011	Expl Geochem	H-split	MT-Phy
32689	51.45	53	2011	Expl Geochem	H-split	MT-Phy
32690	53	55	2011	Expl Geochem	H-split	MT-Phy
32691	55	57	2011	Expl Geochem	H-split	MT-Phy
32692	57	58.56	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32693	58.56	60.25	2011	Expl Geochem	H-split	MT-Phy
32694	60.25	62	2011	Expl Geochem	H-split	MT-Phy
32695	62	63	2011	Expl Geochem	H-split	MT-Phy
32696	63	64.3	2011	Expl Geochem	H-split	MT-Phy
32697	64.3	67.7	2011	Expl Geochem	H-split	MT-Phy
32698	67.7	70	2011	Expl Geochem	H-split	MT-Phy
32699	70	72.25	2011	Expl Geochem	H-split	MT-Phy
32700	72.25	73.15	2011	Expl Geochem	H-split	MT-SS.mgr
32701	73.15	74.66	2011	Expl Geochem	H-split	MT-Phy
32702	74.66	76	2011	Expl Geochem	H-split	MT-Phy
32703	76	77.75	2011	Expl Geochem	H-split	MT-Phy
32704	77.75	79.5	2011	Expl Geochem	H-split	MT-Phy
32705	79.5	81	2011	Expl Geochem	H-split	MT-Phy
32708	81	83	2011	Blank	LWS_2011	MT-Phy
32706	81	83	2011	Expl Geochem	H-split	MT-SS.mgr
32707	81	83	2011	DUP	Q-Split	MT-Phy
32709	83	84	2011	Expl Geochem	H-split	MT-Phy
32710	84	85.9	2011	Expl Geochem	H-split	MT-Phy
32711	85.9	87.05	2011	Expl Geochem	H-split	MT-Phy
32712	87.05	87.9	2011	Expl Geochem	H-split	MT-CO.grn
32713	87.9	89.8	2011	Expl Geochem	H-split	MT-CO.grn
32714	89.8	91	2011	Expl Geochem	H-split	MT-CO.grn
32715	91	92	2011	Expl Geochem	H-split	MT-CO.grn
32716	92	93	2011	Expl Geochem	H-split	MT-CO.grn
32717	93	94	2011	Expl Geochem	H-split	MT-CO.grn
32718	94	95	2011	Expl Geochem	H-split	MT-SS.cgr
32719	95	96	2011	Expl Geochem	H-split	MT-SS.cgr
32720	96	96.65	2011	Expl Geochem	H-split	MT-SS.cgr
32721	96.65	97.2	2011	Expl Geochem	H-split	QZVN
32722	97.2	98	2011	Expl Geochem	H-split	MT-CO.grn
32723	98	99	2011	Expl Geochem	H-split	MT-SS.cgr
32724	99	100.1	2011	Expl Geochem	H-split	MT-SS.cgr
32725	100.1	101.35	2011	Expl Geochem	H-split	QZVN
32726	101.35	102.4	2011	Expl Geochem	H-split	MT-SS.cgr
32727	102.4	103.5	2011	Expl Geochem	H-split	MT-SS.cgr
32728	103.5	104.5	2011	Expl Geochem	H-split	MT-SS.cgr
32729	104.5	105.5	2011	Expl Geochem	H-split	MT-SS.cgr
32730	105.5	106.5	2011	Expl Geochem	H-split	MT-SS.cgr
32731	106.5	107.7	2011	Expl Geochem	H-split	MT-SS.cgr

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32732	107.7	109	2011	Expl Geochem	H-split	QZVN
32733	109	110.03	2011	Expl Geochem	H-split	QZVN
32734	110.03	111	2011	Expl Geochem	H-split	MT-Phy
32735	111	113	2011	Expl Geochem	H-split	MT-Phy
32736	113	115	2011	Expl Geochem	H-split	MT-Phy
32737	115	117	2011	Expl Geochem	H-split	MT-Phy
32738	117	119	2011	Expl Geochem	H-split	MT-Phy
32739	119	120.5	2011	Expl Geochem	H-split	MT-Phy
32740	120.5	122.06	2011	Expl Geochem	H-split	MT-Phy
32741	122.06	123	2011	Expl Geochem	H-split	QZVN
32744	123	124	2011	Blank	LWS_2011	QZVN
32742	123	124	2011	Expl Geochem	H-split	QZVN
32743	123	124	2011	DUP	Q-Split	QZVN
32745	124	125	2011	Expl Geochem	H-split	QZVN
32746	125	126	2011	Expl Geochem	H-split	QZVN
32747	126	127	2011	Expl Geochem	H-split	QZVN
32748	127	128.4	2011	Expl Geochem	H-split	QZVN
32749	128.4	130	2011	Expl Geochem	H-split	MT-Phy
32750	130	131.4	2011	Expl Geochem	H-split	MT-Phy
32751	131.4	133	2011	Expl Geochem	H-split	MT-SS.cgr
32752	133	135	2011	Expl Geochem	H-split	MT-SS.cgr
32753	135	137	2011	Expl Geochem	H-split	MT-SS.cgr
32754	137	139	2011	Expl Geochem	H-split	MT-CO.grn
32755	139	141	2011	Expl Geochem	H-split	MT-CO.grn
32756	141	143	2011	Expl Geochem	H-split	MT-SS.cgr
32757	143	145	2011	Expl Geochem	H-split	MT-CO.grn
32758	145	147	2011	Expl Geochem	H-split	MT-SS.cgr
32759	147	149	2011	Expl Geochem	H-split	MT-CO.grn
32760	149	150	2011	Expl Geochem	H-split	MT-CO.grn
32761	150	151.56	2011	Expl Geochem	H-split	MT-CO.grn
32762	151.56	151.95	2011	Expl Geochem	H-split	MT-Phy
32763	151.95	154	2011	Expl Geochem	H-split	MT-CO.pbl
32764	154	156	2011	Expl Geochem	H-split	MT-CO.pbl
32765	156	158	2011	Expl Geochem	H-split	MT-CO.pbl
32766	158	160	2011	Expl Geochem	H-split	MT-CO.pbl
32767	160	162	2011	Expl Geochem	H-split	MT-CO.grn
32768	162	164	2011	Expl Geochem	H-split	MT-CO.pbl
32769	164	166.4	2011	Expl Geochem	H-split	MT-CO.grn
32770	166.4	168	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32771	168	170	2011	Expl Geochem	H-split	MT-Phy
32772	170	172	2011	Expl Geochem	H-split	MT-Phy
32773	172	173.35	2011	Expl Geochem	H-split	MT-Phy
32774	173.35	174	2011	Expl Geochem	H-split	MT-SS.cgr
32776	174	175	2011	Blank	LWS_2011	MT-SS.cgr
32775	174	175	2011	Expl Geochem	H-split	MT-SS.cgr
32777	175	176	2011	Expl Geochem	H-split	MT-SS.cgr
32778	176	177.85	2011	Expl Geochem	H-split	MT-SS.cgr
32779	176	177.85	2011	STND	CDN-GS-8B	MT-SS.cgr
32780	176	177.85	2011	DUP	Q-Split	MT-SS.cgr
32781	177.85	180.5	2011	Expl Geochem	H-split	MT-CO.pbl
32782	180.5	182	2011	Expl Geochem	H-split	MT-CO.pbl
32783	182	184	2011	Expl Geochem	H-split	MT-SLT
32784	184	186	2011	Expl Geochem	H-split	MT-Phy
32785	186	188	2011	Expl Geochem	H-split	MT-Phy
32786	188	189	2011	Expl Geochem	H-split	MT-SS.cgr
32787	189	190.5	2011	Expl Geochem	H-split	MT-SS.cgr
32788	190.5	191.5	2011	Expl Geochem	H-split	MT-Phy
32789	191.5	193	2011	Expl Geochem	H-split	MT-SS.cgr
32790	193	195	2011	Expl Geochem	H-split	MT-SS.cgr
32791	195	196.2	2011	Expl Geochem	H-split	MT-Phy
32792	196.2	198	2011	Expl Geochem	H-split	MT-Phy
32793	198	199.3	2011	Expl Geochem	H-split	MT-Phy
32794	199.3	201	2011	Expl Geochem	H-split	MT-Phy
32795	201	203	2011	Expl Geochem	H-split	MT-Phy
32796	203	204	2011	Expl Geochem	H-split	MT-Phy
32797	204	206	2011	Expl Geochem	H-split	MT-Phy
32798	206	208	2011	Expl Geochem	H-split	MT-Phy
32799	208	210	2011	Expl Geochem	H-split	MT-Phy
32800	210	212	2011	Expl Geochem	H-split	MT-Phy
32801	212	214	2011	Expl Geochem	H-split	MT-Phy
32802	214	216	2011	Expl Geochem	H-split	MT-Phy
32803	216	217.2	2011	Expl Geochem	H-split	MT-Phy
32804	217.2	217.8	2011	Expl Geochem	H-split	QZVN
32805	217.8	219	2011	Expl Geochem	H-split	MT-Phy
32806	219	221.36	2011	Expl Geochem	H-split	MT-Phy
32807	221.36	223	2011	Expl Geochem	H-split	MT-Phy
32808	223	225	2011	Expl Geochem	H-split	MT-SS.cgr
32809	225	227	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-032 **Grant No.:** YD07124

Plunge: 60 **Azimuth:** 270 **EOH:** 285

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32810	227	229	2011	Expl Geochem	H-split	MT-SS.cgr
32811	229	230.72	2011	Expl Geochem	H-split	MT-SS.cgr
32812	230.72	232	2011	Expl Geochem	H-split	MT-CO.grn
32813	232	233	2011	Expl Geochem	H-split	MT-CO.grn
32815	233	234	2011	DUP	Q-Split	MT-CO.grn
32816	233	234	2011	Blank	LWS_2011	MT-CO.grn
32814	233	234	2011	Expl Geochem	H-split	MT-CO.grn
32817	234	235	2011	Expl Geochem	H-split	MT-CO.grn
32818	235	236	2011	Expl Geochem	H-split	MT-CO.grn
32819	236	237	2011	Expl Geochem	H-split	MT-CO.grn
32820	237	238	2011	Expl Geochem	H-split	MT-CO.grn
32821	238	239	2011	Expl Geochem	H-split	MT-CO.grn
32822	239	240	2011	Expl Geochem	H-split	MT-CO.grn
32823	240	241	2011	Expl Geochem	H-split	MT-CO.grn
32824	241	242	2011	Expl Geochem	H-split	MT-CO.grn
32825	242	243	2011	Expl Geochem	H-split	MT-CO.grn
32826	243	244	2011	Expl Geochem	H-split	MT-CO.grn
32827	244	245	2011	Expl Geochem	H-split	MT-CO.grn
32828	245	246	2011	Expl Geochem	H-split	MT-CO.grn
32829	246	246.75	2011	Expl Geochem	H-split	QZVN
32830	246.75	249	2011	Expl Geochem	H-split	MT-Phy
32831	249	251	2011	Expl Geochem	H-split	MT-Phy
32832	251	253	2011	Expl Geochem	H-split	MT-Phy
32833	253	255	2011	Expl Geochem	H-split	MT-Phy
32834	255	257	2011	Expl Geochem	H-split	MT-SS.cgr
32835	257	259	2011	Expl Geochem	H-split	MT-Phy
32836	259	261	2011	Expl Geochem	H-split	MT-Phy
32837	261	263	2011	Expl Geochem	H-split	MT-Phy
32838	263	265	2011	Expl Geochem	H-split	MT-Phy
32839	265	267	2011	Expl Geochem	H-split	MT-Phy
32840	267	269	2011	Expl Geochem	H-split	MT-Phy
32841	269	271	2011	Expl Geochem	H-split	MT-Phy
32842	271	273	2011	Expl Geochem	H-split	MT-Phy
32843	273	275	2011	Expl Geochem	H-split	MT-Phy
32844	275	277	2011	Expl Geochem	H-split	MT-Phy
32845	277	279	2011	Expl Geochem	H-split	MT-Phy
32846	279	281	2011	Expl Geochem	H-split	MT-Phy
32847	281	282	2011	Expl Geochem	H-split	MT-Phy
32848	282	285	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Location

Easting:	Northing:	Latitude:	Longitude:
533747.9	6843901.5		

Elevation: 1546 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 80
Azimuth: 270
EOH: 291.0 m
Core Size: HQ

Start Date: 27/09/2011
Finish Date: 01/10/2011
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
21	80.5	268.64	5827	Reflex	1
81	79.9	266.74	5819	Reflex	1
132	79.1	264.64	5822	Reflex	1
201	79.5	263.24	5820	Reflex	1
291	79.8	259.84	5822	Reflex	1

Objective:

25m step-out east of drill fence 3A-11-012/015/015A/016. The intent is to track the down dip extent of mineralisation in 3A-11-015A.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	7.5	7.5 m of casing - no core recovered	CASING		100.0%				co	1
7.5	27	Quartz veining in phyllite is generally scarce with vuggy veinlets of less than 1cm thickness. However in contrast to more competent phyllite unit, which bound this interval below several borader up to 20cm thick quartz-chlorite veins are present.	QZVN		2.0%	w			fr	2
7.5	27	Black foliated phyllite with lamellar grey silit interbedding. [~15% silt] Unit has orange-brown rust-staining along compositional bedding cleavages (So) throughout. Unit is blocky, broken and friable -- some of this is due to genuine brittle deformation [see narrow gouge wedges recorded in point structures] and some is due to meteoric weathering at the top of the hole. Lower contact is not truly lithological. Phyllite below this unit has markedly increased competence. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		98.0%	n			fr	2
27	70.6	Quartz veining in phyllite unit is generally rare. - always <1cm thick - sometimes as sheeted veinlets (concordant to So or discordant) - occassionally axialplanar to small scale fold profiles - often vuggy and iron-carbonate altered	QZVN		1.0%	w			co	1
27	70.6	Black foliated phyllite with grey lamellar silt interbedding. Proportion of silt interbeds varies from 5-20% throughout unit and from 1mm to 20cm in width. Texture of phyllite is too fine-grained to determined exact composition. Upper contact of this phyllite unit marks the transition from broken, friable and meteorically weathered phyllite to this more competent unit. Lower contact of this unit is sharp and competent with a conglomerate-sandstone sequence below and concordant to phyllite compositional bedding cleavage So.	MT-Phy		99.0%	n			co	1
70.6	126.25	occassinal 10-50cm long phyllite interbeds between 70.60 to 88.20 meters. Contacts between phyllite and sandstone-conglomerate sequence are generally concordant to phyllite compositional bedding cleavage So	MT-Phy		1.0%	n			co	1
70.6	126.25	Quartz veins in sandstone-conglomerate sequence are generally milky white and occassionally vuggy. Orientations of veins are extremely variable, but localized sheeted patterns exist. Minor vein sulfide mineralization. [see point structures]	QZVN		6.0%	w			co	1

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
70.6	126.25	Grey, turbidite sand-conglomerate sequence with conglomerate clast size ranging from 2-6mm. Pebble & granule size sequences tend to contain occassional large phyllite clasts. Phyllite clasts generally not discernible in sand-size sequences. Grainshapes are generally subangular and <1% matrix. General Composition: 93% quartz; 6+% altered feldspar; <1% phyllite lithics Possibly localized intermittent silicification indicated by absence of feldspar and grain boundary dissolution in sandstones. Sandstone sequences are generally medium to coarse grained (1-2mm) and occassionalyl have dark grey, wispy, 1-2cm spaced lamellae that are aligned and often only partially penetrative [Sx]. Upper contact is hard & competent with phyllite unit above. Lower contact is sharp with gouged phyllite unit below.	MT-CO	pbl	23.0%	gy	qtz	93	co	1
70.6	126.25	Grey, turbidite sand-conglomerate sequence with conglomerate clast size ranging from 2-6mm. Pebble & granule size sequences tend to contain occassional large phyllite clasts. Phyllite clasts generally not discernible in sand-size sequences. Grainshapes are generally subangular and <1% matrix. General Composition: 93% quartz; 6+% altered feldspar; <1% phyllite lithics Possibly localized intermittent silicification indicated by absence of feldspar and grain boundary dissolution in sandstones. Sandstone sequences are generally medium to coarse grained (1-2mm) and occassionalyl have dark grey, wispy, 1-2cm spaced lamellae that are aligned and often only partially penetrative [Sx]. Upper contact is hard & competent with phyllite unit above. Lower contact is sharp with gouged phyllite unit below.	MT-SS	cgr	25.0%	gy	qtz	93	co	1
70.6	126.25	Grey, turbidite sand-conglomerate sequence with conglomerate clast size ranging from 2-6mm. Pebble & granule size sequences tend to contain occassional large phyllite clasts. Phyllite clasts generally not discernible in sand-size sequences. Grainshapes are generally subangular and <1% matrix. General Composition: 93% quartz; 6+% altered feldspar; <1% phyllite lithics Possibly localized intermittent silicification indicated by absence of feldspar and grain boundary dissolution in sandstones. Sandstone sequences are generally medium to coarse grained (1-2mm) and occassionalyl have dark grey, wispy, 1-2cm spaced lamellae that are aligned and often only partially penetrative [Sx]. Upper contact is hard & competent with phyllite unit above. Lower contact is sharp with gouged phyllite unit below.	MT-CO	grn	35.0%	gy	qtz	93	co	1
126.25	136.7	Only minor veining in upper half of unit. Veining concentrated from 131.30m to 136.70m.	QZVN		8.0%	w			fr	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-033	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
80	270	291					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
126.25	136.7	Friable and partially gouged phyllite with densely spaced quartz veining from 131.20-136.70m. Vieing is sheeted, frequently foliaton concordante and usually flex folded aore as partially penetrative aligned wedges. Vein thickness varies from 1cm-40cm width. High degree of pyrite mineralization throughout unit. <5% lamellar silt Texture of phyllite is to fine-grained to determine exact composition. Both upper and lower contacts are sharp with sandstone-conglomerate sequence below.	MT-Phy		92.0%	n			fr	3
136.7	162.06	Quartz veining is generally <2cm thick and associated with fine-grained pyrite and arsenopyrite wallrock mineralization (where arsenopyrite is less dominant). Vein density increases in lower half of unit with two quartz stockworked and brecciated subintervals . Lower contact is marked by transition into shear-brecciated veining.	QZVN		7.0%	w			co	1
136.7	162.06	Phyllite occurs as discrete, localized 0.5-1m width friable and gouged interbeds within sandstone-conglomerate sequence. Frequently associated with quartz-iron-carbonate veinlets.	MT-Phy		8.0%	n			fr	3
136.7	162.06	Grey coarse grained (1-2mm)sandstone that intermittently grades into granule size (2-4mm) quartz conglomerate. Composition: 89+% grey quartz; 10% altered feldspar; <1% black phyllite lithics Matrix: <1% matrix Grainshape: subangular Quartz clast frequently appear strectched and are surrounded by aligned grey wispy (chloritic?) matrix seams at ~0.5cm spacing forming a discernible fabric [Sx]. Unit is intensely veined by variable orientation (generally <2cm thick) milky white quartz veinlets, which occassionally have rather diffuse vein boundaries. Fine-grained vein wallrock mineralization throughout. Several structural subintervals with either intensely stockworked or brecciated vein texture. [see structure table]	MT-CO	grn	25.0%	gy	qtz	89	co	1
136.7	162.06	Grey coarse grained (1-2mm)sandstone that intermittently grades into granule size (2-4mm) quartz conglomerate. Composition: 89+% grey quartz; 10% altered feldspar; <1% black phyllite lithics Matrix: <1% matrix Grainshape: subangular Quartz clast frequently appear strectched and are surrounded by aligned grey wispy (chloritic?) matrix seams at ~0.5cm spacing forming a discernible fabric [Sx]. Unit is intensely veined by variable orientation (generally <2cm thick) milky white quartz veinlets, which occassionally have rather diffuse vein boundaries. Fine-grained vein wallrock mineralization throughout. Several structural subintervals with either intensely stockworked or brecciated vein texture. [see structure table]	MT-SS	cgr	70.0%	gy	qtz	89	co	1
162.06	172.2	Densely spaced generally aligned quartz veins, which frequently appear as diffuse stretched ribbons hosted in granule size quartz conglomerate. Veins are multiply deformed and generally <2cm thick. Some may be blurred, deformed tension vein arrays. Upper and lower portions of unit have clearly brecciated texture with with light-grey, up to 2cm diameter quartz clasts surrounded by dark grey chloritic matrix. [see structure table]	QZVN		40.0%	w			co	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
80	270	291

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
162.06	172.2	Quartz veining is hosted in granule size (2-4mm) quartz conglomerate which locally grades into coarse grained sandstone. Composition: 95% grey quartz; 5% white, clay altered feldspar <1% matrix Grainshape: subangular Where veining is less intense a foliation (Sx) is disernible in form of dark grey, wispy chloritic seams at 3-10mm spacing. Where seams are not always fully penetrative.	MT-CO	grn	60.0%	gy	qtz	95	co	2
172.2	175.5	minor, <4mm thick, variable core angle quartz seams in partially gouged phyllite	QZVN		1.0%	w			co	2
172.2	175.5	Partially intensely gouged and shattered phyllite interbed unit with <4mm thick variable coare angle quartz seams. ~10% grey lamellar silt interbedding foliated along compositional bedding cleavage So Texture is too fine-grained to determine exact composition	MT-Phy		99.0%	n			fr	3
175.5	180.83	streched sheared angular quartz clasts in chloritic sulfided mineralized matrix combined with angular deformed, black phyllite clasts unit contains several narrow gouge wedges	MT-Phy	bx	30.0%	n			co	2
175.5	180.83	streched sheared angular quartz clasts in chloritic sulfided mineralized matrix combined with angular deformed, black phyllite clasts unit contains several narrow gouge wedges	QZVN	bx	70.0%	w			co	2
180.83	201.4	Quartz veining in black foliated phyllite is generally ~1m thick and freqently foliation discordante and folded. Also several broader iron-carbonate altered massive quartz veins towards lower contact of unit.	QZVN		2.0%	w			co	1
180.83	201.4	Black, graphitic foliated phyllite with ~5-10% grey lamellar silt interbedding along phyllite compositional bedding cleavage So. Texure is too fine-grained to determine exact composition. Gouging at upper contact. Lower contact is hard adnd competent with sandstone bed.	MT-Phy	gf	98.0%	n			co	1
201.4	202	2 sets of repeated low core angle, pyrite mineralized quartz-iron-carbonate veinlets in chloritized sandstone bed	QZVN		5.0%	bf			co	1
201.4	202	Short chloritized sandstone interbed with very fine-grained arsenopyrite matrix mineralization. Contacts are sharp and concordant to phyllite compositional bedding cleavage (So). Grainsize: 1-2mm Grainshape: Subangular to Subrounded Composition: 95% grey quartz; 5% white clay altered feldspar Matrix: ~3% chloritized matrix	MT-SS	cgr	95.0%	g	qtz	95	co	1
202	219.6	predominantly low core angle quartz-iron-carbonate veining in phyllite and sandstone sequences	QZVN		10.0%	bf			co	1
202	219.6	Black foliated phyllite with foliation discordant, low core angle quartz-iron-carbonate veining. Phyllite has ~5-20% lamellar grey silt interbedding. Silt proporation increases continuous from upper contact until 213.30m. At ~213.30m onset of sandstone interbed with low core angle quartz veining. Sandstone beds are generally 20cm to 1m long and densely quartz veins. Contacts with phyllite interbedding are concordant to phyllite compositional bedding cleavage So.	MT-SLT		20.0%	gy			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
80	270	291

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
202	219.6	Sandstone interbeds between 213.20m to 219.60m interbedding with phyllite along phyllite compositional bedding cleavage So. Sandstone Composition: 92% grey quartz; 5% white, clay altered feldspar;3% black-green chloritized phyllite lithics Sandstone Matrix: ~2% -- chloritized Sandstone Grainsize: 1mm Sandstone Grainshape: subrounded	MT-SS	mgr	30.0%	gy	qtz	92	co	1
202	219.6	Black foliated phyllite with foliation discordant, low core angle quartz-iron-carbonate veining. Phyllite has ~5-20% lamellar grey silt interbedding. Silt proporation increases continuous from upper contact until 213.30m. At ~213.30m onset of sandstone interbed with low core angle quartz veining. Sandstone beds are generally 20cm to 1m long and densely quartz veins. Contacts with phyllite interbedding are concordant to phyllite compositional bedding cleavage So.	Mt-Phy		40.0%	n			co	1
219.6	235.4	Rare <0.5m thick, phyllite interbeds in intensely broken and fractured silicified sandstone unit. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		1.0%	n			br	1
219.6	235.4	Densely spaced variable core angle 2-30cm thick quartz veining. Contacts are frequently not discernible because unit is intensely fragmented. Also locallized quartz breccia intervals. [see structure table]	QZVN		9.0%	w	qtz	96	br	1
219.6	235.4	Medium grained silicfied, grey sandstone, which is intensely broken througout. Both mechanical and natural fractures. Natural fractures have powdered white clay coating. Lower half of unit contains quartz breccia textures and crush-gouge sections. [see structure table] Gransize: 1mm-2mm Composition: 95% grey and clear quartz; 5% white clay altered feldspar clasts (+ rare black phyllite lithic clasts) Grainshape: subangular to subrounded	MT-SS	mgr	90.0%	gy	qtz	95	br	1
235.4	262.9	Quartz veining in phyllite-silt unit is almost always <1cm thick, pre-dominantly discordant to phyllite bedding (So) and generally at least weakly buff-crème iron-carbonate altered. Some veining is sheetend and intensely deformed/folded.	QZVN		2.0%	w			co	1
235.4	262.9	Black, foliated phyllite with grey lamellar silt interbedding. Sil proportion incrases towares lower contact of unit and occassional up to 1m long grey-tan silt interbeds occur in lower portion of unit. Texture of phyllite is too fine-grained to determine exact composition.	MT-SLT		18.0%	gy			co	1
235.4	262.9	Black, foliated phyllite with grey lamellar silt interbedding. Sil proportion incrases towares lower contact of unit and occassional up to 1m long grey-tan silt interbeds occur in lower portion of unit. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		80.0%	n			co	1
262.9	269.17	Quartz veining in weakly silicified sanstone unit is generally 3-15cm thick, white, vuggy and with 0.25-1mm diameter euhedral pyrite and arsenopyrite grains in veining. Veining densifies into near massive sheeted structures between 266.30m to 268.48m.	QZVN		30.0%	w			co	1
262.9	269.17	Grey, medium to fine-grained, silicified sandstone with sulfide vein mineralization. Vein intensity increases towards lower contact of unit. Locally coarse grained to granule size for short 10cm width sections. Lower cotnact along phyllite gouge fault. Composition: 96% grey quartz; 4% white, clay altered feldspar Grainsize: 0.25-1mm Grainshape: subrounded Silicification grey, mild glossy sheen.	MT-SS	fgr	70.0%	gy	qtz	96	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-033	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
80	270	291					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
269.17	291	Quartz veining in phyllite unit is generally <1cm thick and frequently has dusty white calcite coating. Veinlet are frquently: - foliation discordant - occassionally folded with axial plane of vein folding concordant to So - axial planar to parasitic fold profiles in So - occassionally pyrite mineralized	QZVN		1.0%	w			co	1
269.17	291	Silt portion in black foliated phyllite has tan-grey appearane and occurs as grey lamellar interbedding. Certain subsection in upper half of unit are predominantly silt and have black lamellar phyllite interbedding. Texture of silt is too fine-grained to determine exact composition.	MT-SLT		19.0%	t			co	1
269.17	291	Black foliated phylite with compositional bedding cleavage So and abundant small scale parasitic fold profiles throughout entire unit. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		80.0%	n			co	1

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
7.5	70.6	red to orange brown rusty coating along natural and mechanical fracture along foliaton	LIM	1	frac	o
21.74	21.9	massive, vuggy, foliation (So) concordant quartz vein with green chlorite wedges (in phyllite)	chl	2	vn	g
70.6	71.9	intense orange-brown rust-staining at lithological contact	LIM	3	perv	o
71.9	126.25	white clay alteration of feldspar clasts in sandstone-conglomerate sequence	cy	2	smgr	w
71.9	126.25	Orange-brown limonate staining along open and healed fractures and occassionally as up to 20m wide haloes along natural open and healed fractures. Rust-staining even less intense between 96.60-126.25 meteres, but still present.	LIM	1	frac	o
71.9	114.03	intermittent silicification that is locally intensified leading to localized absence of feldspars and quartz clast grain boundary dissolution in sandstone sequences; silicification is especially internsified where tension vein arrays are present	SIL	1	perv	gy
84.8	91.61	pervasive greenish hue in sandstone-conglomerate sequence	chl	2	perv	g
102.7	108.1	pastel-beige overprint on angluar feldspar clasts in conglomerate sequences	fecb	1	smgr	bf
102.7	108.1	buff-crème, repeated, vuggy vein seams	fecb	2	vn	bf
108.1	114.03	occassional low core angle iron-carbonate seams	fecb	1	vn	bf
108.1	114.03	pervasive greenish hue in sandstone	chl	1	perv	g
114.03	118.05	intermittent pale, pastel-green chlorite on soft, altered feldspar clasts in pebble size conglomerate sequence	chl	2	smgr	g
118.05	126.25	pervasive greenish hue in sandstone and conglomerate sequence	chl	1	perv	g
118.05	126.25	on vuggy vein seams and as aligned vuggy wisps (buff-crème colour)	fecb	3	vn	bf
125.25	136.7	intermittent buff-crème iron-carbonate wedges on deformed wispy quartz veining in fault zone [genrally not on massive veins and larger vein wedges]	fecb	2	vn	bf
125.25	136.7	occassional green chlorite wisps in deformed quartz veining in fault zone	chl	1	vn	g
136.7	162.06	within quartz veining (acid soluble)	cbt	1	vn	w
136.7	172.2	powdered white clay coating along open and healed fractures (as well as vuggy vein boundaries)	cy	1	frac	w
136.7	172.2	weak pervasive silicification leading to mild grainboundary dissolution in sandstone-conglomerate	SIL	1	perv	gy
136.7	172.2	white clay alteration of feldspar clasts in sandstone-conglomerate sequence	cy	2	smgr	w
141.5	142.25	partially fragmented, aresenpyrit mineralized quartz-iron-carbonate veining in gouged phyllite interbed	fecb	3	vn	bf

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-033	Grant No.:	YD07124
Plunge:	Azimuth:	EOH:					
80	270	291					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
146.45	146.84	buff-crème iron-carbonate ven seams in friable, partially gouged phyllite interbed	fecb	2	vn	bf
162.06	172.2	dark grey chloritic matrix in brecciated and weakly sheared quartz veining	chl	1	frac	gy
176.5	180.83	powdered white clay coating in open and healed fractures in quartz vein breccia	cy	2	frac	w
180.83	201.4	as buff-crème coating in quartz veining	fecb	2	vn	bf
180.83	201.4	as white coating in quartz veining	cbt	2	vn	w
201.4	202	pervasive greenish hue in arsenopyrit mineralized sandstone bed	chl	3	perv	g
202	208.7	white clay alteration of feldspar clasts in chloritized sandstone bed	cy	2	smgr	w
202	208.7	buff-crème iron-carbonate wedges in low core angle, pyrite mineralized quartz veinlets in phyllite	fecb	2	vn	bf
208.7	219.6	buff-crème iron coarbonate wedges in folation discordant, intensely pyrite mineralized, low core angle quartz veinlets	fecb	3	vn	bf
210.74	219.6	occassional green, prominent chlorite wedges in low core angle quartz-iron-carbonate veining	chl	1	vn	g
213.2	219.6	greenish hue and chlorititized matrix in sandstone interbedding	chl	1	perv	g
219.6	235.4	white clay alteration of feldspar clasts in sandstone	cy	2	smgr	w
219.6	235.4	powdered white clay coating along rough fractures and vein boundaries	cy	3	frac	w
219.6	235.4	weak grey pervasive silicification (high sheen of competent blocks)	SIL	1	perv	gy
219.6	235.4	as recurrent coating in combination with white clay along fragments of quartz vein boundaries in silicified sandstone	fecb	2	vn	bf
235.4	262.9	buff-crème iron-carbonate wisps in <1cm thick quartz veinlets in phyllite	fecb	2	vn	bf
235.4	262.9	white calcite wisps in <1cm thick quartz veinlets in phyllite	cbt	1	vn	w
262.9	268.48	powdered white clay coating along open and healed fracture as well as vuggy vein boundaries	cy	2	frac	w
262.9	268.48	weak pervasive silicification of sandstone leaving slight glossy appearance	SIL	1	perv	gy
262.9	268.48	white clay alteration of feldspar clasts in silicified sandstone	cy	2	smgr	w
268.48	291	powdered white calcite coating on quartz veinlets in phyllite unit	cbt	2	vn	w
290.8	290.9	random pyrite mineralized, partially penetrative, buff-crème, iron-carbonate seams [possibly on fold hinge]	fecb	3	vn	bf

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
13.1	20.4	FZ	300.0%	BFZ	blocky friable core accompanied by intermittent, soft, plastic gouge wedges [~40% gouge]
33.54	33.72	FZ	300.0%	BFZ	Soft gouge emplaced at 80TCA along vuggy veinlet at upper contact and along smooth 40TCA cleavage along lower contact
55.7	56.1	FZ	200.0%	BFZ	partially gouged, friable core bounded by more competent rock
64	64.2	FZ	300.0%	BFZ	intenstly rust-stained, soft gouge wedge emplaced at ~55TCA
126.5	131.2	FZ	300.0%	BFZ	partially gouged and friable Phyllite
131.2	136.7	QZVN	300.0%	SHTV	densely spaced, parallel, foliation (So) concordant, broad quartz vein in friable phyllite -- frequently weakly flex-folded
141.5	142.25	FZ	300.0%	BFZ	gouged phyllite interbed withing competent sandstone-conglomerate sequence - intensely sulfide mineralized
146.45	146.84	FZ	200.0%	BFZ	friable, partially gouged phyllite interbed
146.84	148.95	QZVN	300.0%	stwk	very fine-grained disseminated pyrite and (to a lesser) arsenopyrite in densely stockowred granule size conglomerate where individual vein orientations are highly variable and with very diffuse boundaries [contains a smooth sheared, lineated cleavage -- see point structures]
148.95	149.3	FZ	300.0%	BFZ	friable, partially gouged phyllite interbed
149.3	158.4	QZVN	400.0%	bx	coarsely fragmented grey quartz vein breccia with dark grey chloritic pyrite-arseonpyrite bearing matrix seams. sulfide mineralization is frequently very fine-grained and occassionall occurs as up to 0.5cm thick stringer veinlets (6cm thick gouge wedge at lower contact of interval)

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From	To	Mineral	Intensity	Distribution	Comments
161.5	162.06	FZ	300.0%	BFZ	partially friable and partially intensely gouged phyllite interbed wedge that marks lithological unit boundary
162.06	164.6	QZVN	200.0%	bx	light grey, subangular quartz clasts surrounded by ~3% dark grey chloritic matrix
164.6	170.66	QZVN	200.0%	DBSZ	Densely spaced generally aligned quartz veins, which frequently appear as diffuse stretched ribbons hosted in granule size quartz conglomerate. Veins are multiply deformed and generally <2cm thick. Some may be blurred, deformed tension vein arrays.
170.66	172.2	QZVN	300.0%	bx	brecciated quartz veining with black, chloritic sulfide matrix; partially crushed and fragmented
172.2	175.5	FZ	300.0%	BFZ	partially intensely gouged, black phyllite interbed unit
175.5	180.83	QZVN	200.0%	bx	streched sheared angular quartz clasts in chloritic sulfided mineralized matrix combined with angular deformed, black phyllite clasts; unit contains several narrow gouge wedges
206.6	208.7	FZ	300.0%	BFZ	broken, friable and partially gouged interval (possibly on fold hinge)
229.8	230.7	QZVN	300.0%	bx	light grey quartz clasts surrounded by random dark grey pyrite mineralized matrix seams; at least one sheared chloritic fault/shear plane; partially intensely fragmented
232.5	233.47	FZ	300.0%	BFZ	fragmented, crushed and gouged sandstone and quartz veining
233.47	233.6	FZ	400.0%	BFZ	intensely fine-grained pyrite mineralized phyllite gouge wedge
266.3	268.48	QZVN	300.0%	SHTV	densely spaced, vuggy, 3-15cm thick vuggy, sulfide mineralized quartz veins [~70 of interval is quartz veining]
268.48	269.17	FZ	300.0%	BFZ	gouged phyllite and vuggy quartz veining at lithological contact

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
7.5	70.6	occassional very fine-grained disseminated pyrite along foliation	py	0.01	fol
70.6	87.25	trace very fine-grained arsenopyrite and pyrite in low core angle quartz veinlets in weakly silicified wallrock	py	0.01	vn
87.25	90.6	associated with chloritized vein wallrock; pyrite coarse grained	py	0.2	vn
87.25	90.6	associated with chloritized vein wallrock; arsenopyrite very fine-grained	asp	0.1	vn
90.6	97.45	trace fine-grained disseminated	py	0.01	diss
90.6	100.5	trace fine-grained disseminated	asp	0.01	diss
97.45	100.5	fine-grained disseminated in chloritized, silicified sandstone-conglomerate sequence	py	0.1	diss
100.5	108.1	trace fine-grained disseminated	py	0.01	diss
108.1	114.03	trace fine grained disseminated in chloritized and weakly silicified sandstone matrix	asp	0.01	diss
108.1	114.03	trace fine grained disseminated in chloritized and weakly silicified sandstone matrix	py	0.05	diss
114.03	118.05	trace fine grained disseminated in chloritized QPC	asp	0.01	diss
114.03	118.05	trace fine grained disseminated in chloritized QPC	py	0.01	diss
118.05	126.25	trace fine-grained disseminated in chloritized matrix	asp	0.01	diss
118.05	126.25	trace fine-grained disseminate in chloritized matrix	py	0.01	diss
126.5	131.2	disseminated in friable and partially gouged phyllite (occassionally also in thin, deformed, folded veinlets)	py	0.5	gouge
131.2	136.7	small clusters along vein rims in flex-folded, foliation (So) concordant, broad, densely spaced quartz veining; rare banded, massive stringer mineralization	py	1	vn
136.7	141.5	very fine-grained disseminated as wallrock/vein boundary mineralization in coarse grained sandstone wit ha multitude of densely spaced 1010cm thick quartz veins at variable orienations	py	0.4	vn
136.7	141.5	very fine-grained disseminated as wallrock/vein boundary mineralization in coarse grained sandstone wit ha multitude of densely spaced 1010cm thick quartz veins at variable orienations	asp	0.2	vn
141.5	142.25	fine-grained within quatz-iron carbonate veining in gouged phyllite veining	asp	0.2	vn

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From:	To:	Comments	Mineral	Percent	Distribution
141.5	142.25	fine-grained disseminated within gouged phyllite interbed	py	2	gouge
142.25	146.45	as up to 0.5mm diameter grains in form of wallrock mineralization in densely veined sandstone-conglomerate interbeddng with gradational transitions	py	1.5	vn
142.25	146.45	as up to 0.5mm diameter grains in form of wallrock mineralization in densely veined sandstone-conglomerate interbeddng with gradational transitions	asp	0.3	vn
146.45	146.84	partial pyrite stringers in quartz-iron-carbonate seams in in slightly friable phyllite interbed	py	3	vn
146.84	148.95	very fine-grained disseminated pyrite and (to a lesser) arsenopyrite in densely stockowred granule size conglomerate where individual vein orientations are highly variable and with very diffuse boundaries [contains a smooth sheared, lineated cleavage -- see point structures]	asp	0.5	vn
146.84	148.95	very fine-grained disseminated pyrite and (to a lesser) arsenopyrite in densely stockworked granule size conglomerate where individual vein orientations are highly variable and with very diffuse boundaries [contains a smooth sheared, lineated cleavage -- see point structures]	py	1	vn
148.95	149.3	up to 0.5mm diameter pyrite grains in strongly gouged phyllite interbed	py	3	gouge
149.3	158.4	coarsely fragmented grey quartz vein breccia with dark grey chloritic pyrite-arseonpyrite bearing matrix seams. Sulfide mineralization is frequently very fine-grained and occassionall occurs as up to 0.5cm thick stringer veinlets	py	4	vn
149.3	158.4	coarsely fragmented grey quartz vein breccia with dark grey chloritic pyrite-arseonpyrite bearing matrix seams. sulfide mineralization is frequently very fine-grained and occassionall occurs as up to 0.5cm thick stringer veinlets	asp	0.5	vn
158.4	161.5	fine-grained vein-wallrock mineralization in sandstone	asp	0.05	vn
158.4	161.5	fine-grained vein-wallrock mineralization in sandstone	py	0.3	vn
161.5	162.06	partially friable and partially intensely gouged phyllite interbed wedge that marks lithological unit boundary	py	0.5	gouge
162.06	164.6	densely disseminated, fine-grained sulfides in dark grey chloritic matrix in quartz vein breccia	asp	1	vn
162.06	164.6	densely disseminated, fine-grained sulfides in dark grey chloritic matrix in quartz vein breccia	py	3	vn
164.6	170.66	frine-grained disseminated pyrite and arsenopyrite in diffuse, aligned strecthed quartz ribbons in sheared quartz breccia	asp	0.3	vn
164.6	170.66	fine-grained disseminated pyrite and arsenopyrite in diffuse, aligned strecthed quartz ribbons in sheared quartz breccia	py	0.5	vn
170.66	172.2	in partially gouged quartz vein breccia with chloritic, black sulfide matrix	py	3	vn
170.66	172.2	in partially gouged quartz vein breccia with chloritic, black sulfide matrix	asp	0.6	vn
172.2	175.5	densely disseminated in phyllite gouge	py	4	gouge
175.5	180.83	streched sheared angular quartz clasts in chloritic sulfided mineralized matrix combined with angular deformed, black phyllite clasts	py	0.8	vn
175.5	180.83	streched sheared angular quartz clasts in chloritic sulfided mineralized matrix combined with angular deformed, black phyllite clasts	asp	0.5	vn
180.63	189	in thin white quartz seams in black phyllite	py	0.2	vn
189	194.5	in quartz veining and occassional as foliation concordant stringers in black phyllite	py	0.1	vn
194.5	198.7	as densely spaced up to 3mm thick foliation (So) concordant stringers	py	1	fol
198.7	201.4	disseminated along foliation (So) and in foliation concordant, vuggy quartz veinlets	py	0.3	fol
201.4	202	as up to 3mm diameter euhedral crystals in ~1cm thick low core angle quartz-iron-carbonate veinlets	py	0.6	vn
201.4	202	very fine-grained disseminated arsenopyrite in chloritized matrix of sandstone bed	asp	0.1	diss
202	206.6	pyrite blebs within deformed, ~1cm thick, quartz-iron-carbonate veining	py	1	vn
206	206.04	splalerite blebs as intergrowth with pyrite clusters in quartz iron-arbonate veinig	sph	3	vn
206.6	208.7	in quartz-iron-carbonate vein fragments in zone of brittle deformation	py	1	vn
208.7	213.2	disseminated along phyllite compositional bedding cleavage So	py	0.2	fol
213.2	217.6	fine-grained and dissemianted in sandstone interbeds	py	0.3	diss
217.6	219.6	fine-grained dissemianted in phyllite and sandsteone interbedding	py	0.1	diss

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From:	To:	Comments	Mineral	Percent	Distribution
217.6	219.6	trace fine-grained disseminated pyrite in vuggy quartz veining in sandstone interbed	asp	0.01	vn
219.6	225.4	as singular, fine graines in varialbe core angle and variable thickness, milky white quartz veining in silicified sandatone	py	0.3	vn
219.6	225.4	as singular, fine graines in varialbe core angle and variable thickness, milky white quartz veining in silicified sandatone	asp	0.05	vn
225.4	226	trace fine-grained disseminated in phyllite interbed	py	0.01	diss
226	229.8	trace fine-grained disseminated in silicified sandstone	py	0.1	diss
229.8	230.7	light grey quartz clasts surrounded by random dark grey pyrite mineralized matrix seams; at least one sheared chloritic fault/shear plane; partially intensely fragmented	py	3	vn
229.8	230.7	fine-grained arsenopyrite in matrix: light grey quartz clasts surrounded by random dark grey pyrite mineralized matrix seams; at least one sheared chloritic fault/shear plane; partially intensely fragmented	asp	0.5	vn
230.7	233.47	fine grained pyrite in diffuse fragmented white-grey quartz veinlets in silicified sandstone	py	0.3	vn
233.47	233.6	intensely fine-grained pyrite mineralized phyllite gouge wedge	py	20	gouge
233.6	235.4	pyrite blebs and grains in fragmented quartz veining in sandstone portion of phyllite-sand interbedding	py	0.4	vn
235.4	262.9	0.5mm to occassional 2mm pyrite grains in iron-carbonate altered quartz veining	py	0.05	vn
262.9	268.48	singular, small grains as intergrowth with small pyrite blebs in densely spaced 3-10cm thick, vuggy white quartz veining in silicified sandstone	asp	0.3	vn
262.9	268.48	small blebs in densely spaced 3-10cm thick, vuggy white quartz veining in silicified sandstone	py	1	vn
268.48	269.17	gouged phyllite enclosing vuggy, pyrite mineralized, 15cm thick quartz vein; pyrite clustered within vugs	py	1	vn
269.17	291	trace fine-grained disseminated	py	0.01	diss
269.17	291	occassional pyrite blebs in quartz-iron-carbonate seams	py	0.01	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
7.5	Veins				MASS				~20cm thick rubbled, ground, fragmented, massive quartz vein
9.6	Bedding		So	LIM		40			phyllite compositional bedding cleavage
10	Veins			chl	FOL	50			densely spaced 2-4cm thic quartz-chlorite veins -- concordant to phyllite So
12.5	Bedding		So	LIM		50			phyllite compositional bedding cleavage
13.1	Bedding		So	LIM		45			phyllite compositional bedding cleavage
15.6	Bedding		So	LIM		70			phyllite compositional bedding cleavage
15.62	Axial Plane		Fx			80			closed fold profile
15.64	Bedding		So	LIM		75			phyllite compositional bedding cleavage
17.8	Bedding		So	LIM		70			phyllite compositional bedding cleavage
18.7	Veins			ser	SHTV	80			sercite grains and green chlorite wedges in localized group of 1cm-10cm thick quartz veining
19	Bedding		So	LIM	AXP	70			compositional bedding cleavage is axial planar to mulitply folded vein seams
20.8	Bedding		So	LIM		60			phyllite compositional bedding cleavage
21.74	Veins			chl	FOL	65			16cm thick, massive, vuggy, quartz vein with chlorite wedges
22.8	Veins				FOL	50			occassional quartz seams concordant to compositional bedding cleavage in phyllite
22.8	Bedding		So	LIM		50			phyllite compositional bedding cleavage
24	Bedding		So	LIM		65			phyllite compositional bedding cleavage
24	Veins		V2		FOL	65			flex-folded, densely spaced, So concordant quartz veins that cross-cut V1
24	Veins		V1			25			cross-cut by V2; V2 intersects V1 at 80 degrees

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
25	Bedding		So			58			phyllite compositional bedding cleavage
27	Bedding		So			55			phyllite compositional bedding cleavage
30	Bedding		So			45			phyllite compositional bedding cleavage
31.15	Bedding		So			45			phyllite compositional bedding cleavage
31.18	Axial Plane		Fx			70			AXP intersects So at 40 degrees; small cink folds
31.2	Veins			LIM	FOL	42			1cm thick, rust-stained, So concordant vein
31.8	Axial Plane		Fx			80			small-scale parasitic folds
33	Bedding		So			48			phyllite compositional bedding cleavage
33.4	Bedding		So			48			phyllite compositional bedding cleavage
35	Bedding		So			50			phyllite compositional bedding cleavage
36.08	Faults				Gouge	80			gouge wedge along phyllite compositional bedding cleavage; gouge intersects So at ~55 degrees
37.5	Bedding		So			45			phyllite compositional bedding cleavage
39	Bedding		So			45			phyllite compositional bedding cleavage
39.3	Veins				Veinlets	50			folded with So eqaling axial plane of 2 <1cm thick, vuggy veinlets
39.3	Bedding		So			45			phyllite compositional bedding cleavage
40.5	Veins				SHTV	80			group of thin, parallel quartz seams that intersect So at 55 degrees
40.6	Bedding		So			52			phyllite compositional bedding cleavage
42.5	Bedding		So			50			phyllite compositional bedding cleavage
44	Bedding		So			45			phyllite compositional bedding cleavage
44.3	Bedding		So			46			phyllite compositional bedding cleavage
46	Bedding		So			35			phyllite compositional bedding cleavage
49	Bedding		So			45			phyllite compositional bedding cleavage
51	Bedding		So			45			phyllite compositional bedding cleavage
51.1	Bedding		So			50			phyllite compositional bedding cleavage
51.14	Veins				AXP	60			densely spaced veinlets -- axial planar to cink-fold
51.14	Axial Plane		Fx			60			small cink-fold; AXP intersects So at 25 degrees
51.16	Bedding		So			48			phyllite compositional bedding cleavage
53	Bedding		So			45			phyllite compositional bedding cleavage
53.8	Bedding		So			45			phyllite compositional bedding cleavage
54.5	Bedding		So			45			phyllite compositional bedding cleavage
55.2	Veins				FOL	45			densely spaced 2-10mm, foliation concordant quartz veinlets
55.2	Veins				SHTV	45			densely spaced 2-10mm, foliation concordant quartz veinlets
57.25	Bedding		So			50			phyllite compositional bedding cleavage
57.35	Axial Plane		Fx			60			localized open fold profiles
57.35	Veins				AXP	60			several veinlets axial planar to localized open fold profiles
57.45	Bedding		So			50			phyllite compositional bedding cleavage
59	Bedding		So			45			phyllite compositional bedding cleavage
62.2	Bedding		So			55			phyllite compositional bedding cleavage
62.3	Faults				FOL	55			narrow ~10cm interval, friable crushed interval along foliation (bounded by competent phyllite)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
63	Bedding		So			50			phyllite compositional bedding cleavage
64	Faults			LIM	Gouge	50			rust-stained ~15cm gouge wedge with fragmented vuggy veinlets along lower contact
65	Bedding		So			65			phyllite compositional bedding cleavage
67.8	Bedding		So			50			phyllite compositional bedding cleavage
69.5	Bedding		So			50			phyllite compositional bedding cleavage
70.55	Bedding		So			60			phyllite compositional bedding cleavage
70.6	Contact				FOL	60			lithologcal contact with phyllite aqbove and sand-conglomerate sequence below; concordant to phyllite compositional bedding cleavage So
71.9	Contact				FOL	70			upper contact of phyllite interbed concordant to So
72.3	Contact				FOL	70			Lower contact of phyllite interbed concordant to So
72.3	Veins			chl		35			Qtz-chl vein that intersects So at 60
73.7	Veins			LIM		25			Singular 3cm thick vuggy qzvn
73.9	Cleavage		Sx	chl	FOL	55			Alignment of wispy chl seams in SS
75.23	Contact				FOL	55			Upper contact of phyllite interbed wedge concordant to So
75.33	Contact				FOL	55			Lower contact of phyllite interbed wedge, concordant to So
76	Cleavage		Sx	chl	FOL	50			Alignment of wispy chloritic seams in SS
76	Veins					25			1cm thick singular qzvn that intersects Sx at right angle
78.2	Veins			asp		25			Trace fine grained asp in 1cm thick qzvn
79	Veins		V1	asp	SHTV	20			Fine grained asp in diffuse sheeted qzvns
79.4	Veins		V2			90			V2 offsets V1, V2 intersects V1 at 80 degrees
80.3	Cleavage		Sx	chl	FOL	50			Wispy dark grey aligned chlorite seams in SS
80.7	Veins				TVA	10			Wispy and diffuse tension vns
80.7	Veins				SZB	60			Shear zone boundary
81	Veins				SHTV	35			<1cm thick, wispy and diffuse veinlets
82.3	Cleavage		Sx		FOL	40			diffuse grey chl seams in SS matrix
83.3	Veins				TVA	15			Multiple diffuse TVAs, not fully penetrative
83.3	Veins				SZB	35			Shear zone boundary
84.7	Veins				Veinlets	85			Diffuse qtz seams
84.7	Veins				Veinlets	30			Vuggy, diffuse qtz seams
85	Contact					65			Sharp upper contact of interbedded phyl/CgrSS
85.2	Veins			chl	Gouge	70			Phyl gouge coating along qtz-chl vein
85.3	Contact					70			lower contact of phyl interbed
85.5	Joints			LIM		30			Several smooth, rust stained fractures
86.7	Joints			LIM		20			Several rough, stepped rust stained fractures
86.8	Veins			LIM	FOL	60			Several <1cm thick, vuggy veinlets in SS interbed
86.8	Cleavage		Sx		FOL	60			Alignment of wispy dark grey chloritic seams in SS bed
87.3	Veins		V1		Veinlets	35			4mm thick
87.3	Veins		V2		Veinlets	75			V2 cuts off V1, 4mm thick
87.9	Bedding		So	py	FOL	55			Py stringers in phyllite interbedding with gradationla contacts into SS
88.52	Veins		V1			35			V2 cross cuts V1. V1 intersects V2 at 80 degrees

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge:	Azimuth:	EOH:
80	270	291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
88.52	Veins		V2		Veinlets	75			Up to 1cm thick veinlets
88.7	Cleavage		Sx	chl	FOL	70			Dark grey wispy aligned seamns in silicified, chloritized SS
88.78	Contact			asp		65			Fine grained asp in light grey bleached, silicified 15cm thick wedge.Intersects Sx at 45 degrees
88.8	Veins				SHTV	80			3mm thick densely spaced qtz seams
89.3	Veins			LIM	SHTV	60			Up to 1cm thick weakly flex folded parallel veinlets
89.8	Veins				TVA	60			Multiple diffuse parallet TVAs
89.8	Veins				SZB	40			Shear zone boundary
90.2	Veins				SHTV	50			multiple <0.5cm thick qtz veinlets
91.3	Joints			LIM	Gouge	45			0.5cm thick rust stained gouge seam
91.8	Veins				SHTV	40			Foliation concordant sheeted vns
91.8	Cleavage		Sx		FOL	40			Dark grey wispy seams SS
94.1	Veins			fecb	Veinlets	5			Buff fecb seams that intersect Sx at 65 degrees
94.1	Cleavage		Sx		FOL	60			Alignment of dark grey wispy seams in SS
95.6	Veins			chl		20			Chl wisps in 1cm thick qzvn
97.45	Faults			LIM	Clay	60			Rust stained clay coated crushed fragments over 10cm
97.7	Veins				SHTV	60			<1mm sheeted qzvns, foliation concordant
97.7	Cleavage		Sx	chl	FOL	60			Alignment of dark green whispy seams in SS
97.8	Veins				SHTV	5			Repeated partially penetrative low core angle qzvns
99.1	Veins				SZB	40			shear zone boundary
99.1	Veins				TVA	40			0.5-1cm thick, 0.5-1cm spaced, semi penetrative
99.8	Veins				TVA	40			wide separation, diffuse vein boundaries
99.8	Veins				TVA	30			shear zone boundary
100	Veins					0			Undulated 40cm long vuggy white vn wedge
101.5	Veins				SHTV	80			Densely spaced 2-5cm thick qzvns over 50cm distance
102	Veins				Veinlets	10			2 parallel,partially penetrative, 1-3cm thick qzvns
104	Cleavage		Sx	chl	FOL	50			Dark grey flex folded seams in SS
105.5	Veins			fecb	FOL	50			Vuggy, ribboned 3mm thick densely spaced vn seams
105.5	Cleavage		Sx	chl	FOL	50			Alignment of dark grey wispy seams in SS
107.2	Cleavage		Sx			50			Alignment of diffuse dark grey seams in SS matrix, 1-2cm spacing
109.75	Veins				TVA	60			Densely spaced, diffuse 1cm spaced, 1-2cm thick
110.4	Veins				TVA	60			Densely spaced, diffuse 1cm spaced, 1-2cm thick
110.6	Veins				TVA	60			Densely spaced, diffuse 1cm spaced, 1-2cm thick
111.6	Veins				TVA	65			Densely spaced, diffuse 1cm spaced, 1-2cm thick
112	Veins			cbt		20			1cm thick vein with an abundant amount of calcit alteration
112.78	Veins			cbt	TVA	60			Densely spaced, diffuse 1cm spaced, 1-2cm thick
113.5	Cleavage		Sx	chl	FOL	50			Diffuse dark grey-green seams, over 1cm spacing in SS
114.03	Contact			chl		70			chloritized SS above, pbl QPC below.Pbl conglom has chl fspar clasts
115.1	Veins			cy		0			Undulated diffuse, vuggy. Reabsorbed into the matrix with wcy altered fspar clasts in it. It does not pierce all the way through
119	Cleavage		Sx	chl	FOL	40			wispy grey-green seams at 1cm spacing

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
121.9	Veins			fecb	SHTV	15			Multiple vuggy buff colour sheeted veinlets, <1cm thick
123.5	Cleavage		Sx	chl	FOL	30			wispy grey-green seams at 0.5cm spacing
123.55	Contact			chl		70			Upper contact of phyllite interbed wedge that contains green chl veinlets
123.65	Veins			chl	SHTV	65			multiple5mm thick green veinlets in phyllite interbed
123.83	Contact					70			Lower contact of phyl interbed wedge
123.9	Cleavage			chl		25			wispy grey-green chl matrix seams at 1cm spacing
123.9	Veins			chl	FOL	25			1cm thick vein concordant to Sx
124.4	Veins			fecb	SHTV	30			1cm-10cm thick qzvns with buff coloured wisps, 5 veinlets over 80cm
125.5	Veins			chl		35			15cm thick qzvn with contact concordant qtz seams
125.6	Contact				FOL	45			Upper contact of phyl interbed
125.7	Contact					30			A 30cm sequence of coarse up to 3cm rounded qtz clasts
125.7	Contact				FOL	30			Lower contact of phy interbed wedge
126.25	Contact				FOL	45			Upper contact of phyl gouge zone concordant to So
128	Bedding		So			48			phyl compositional bedding/cleavage So
129.6	Axial Plane		Fx			50			Small scale closed fold profile
129.9	Bedding		So			20			phyl compositional bedding/cleavage So
130.13	Faults			py	Gouge	40			Diss sulphide in fault gouge
130.52	Faults			py	Gouge	80			Gouge concordant to So
130.52	Bedding		So		Gouge	80			Phyl comp bedding/cleavage
133	Veins			fecb	SHTV	60			flex folded deformed 1cm-20cm thick in gouged phyl
133.85	Bedding		So			70			Phyl comp bedding/cleavage
133.9	Veins			fecb	SHTV	70			Densely spaced flex folded foliation concordant, 1-4cm thick qzvns in phyl fault zone
134.15	Veins			fecb	mass	70			30cm thick fol concordant qzvn in phyl with a number of phyl ribboned inclusions
135.3	Veins				SHTV	55			Densely spaced thin qzvns in fecb altered seams
135.8	Axial Plane		Fx			50			Small scale parasitic profile
136	Bedding		So			60			Phyl comp bedding/cleavage
136.7	Contact			py	FOL	50			Phyl above, SS below, concordant to phyl So and coated with py+clay
137.65	Veins		V2			25			V2 crosscuts v1 at 20 degrees
137.65	Veins		V1	cbt	Veinlets	10			V2 crosscuts v1 at 20 degrees
138.5	Veins		V2		Veinlets	20			V2 crosscuts V1 at 60 degrees
138.5	Veins		V1	fecb	Veinlets	60			V2 crosscuts V1 at 60 degrees
139.5	Cleavage		Sx	cy		60			Alignment of wispy matrix seams with cy coating, 0.5cm spacing
139.7	Veins			chl	FOL	50			Variable width fol concordant qzvns with grey green chl rims
141.5	Contact				FOL	45			Upper contact of gouged phyl bed
142.4	Veins			fecb	SHTV	30			Repeated mildly flex folded 1-3cm flex folded veins with diffuse vn boundaries
143.8	Cleavage		Sx	chl		75			Stetched qtzclast and dark chl matrix seams
145	Cleavage		Sx			75			Dark grey wispy aligned matrix seams in SS sequence
146.45	Contact					30			Sharp upper contact of partially friable phyl interbed
146.84	Contact					75			Sharp lower contact of partially friable phyl interbed

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
147.4	Veins			asp	Veinlets	80			Vein orientation in qtz stockwork
147.44	Veins			asp	Veinlets	40			Vein orientation in qtz stockwork
147.8	Veins			asp	Veinlets	10			Vuggy orientation of vn in stockwork
148.7	Veins		V2	fecb	Veinlets	20			V2 crosscuts V1 with intersection angle at 70, vein in stockwork
148.7	Veins		V1		Veinlets	70			V2 crosscuts V1 with intersection angle at 70, vein in stockwork
148.8	Lineation			py		30	0	30	Sheared slickenslide plane in qtz stockwork zone
148.95	Contact			py	Gouge	50			Gouged upper contact in phyl bed
148.95	Faults			py	Gouge	50			Gouged upper contact in phyl bed
149.3	Contact			py	Gouge	55			Gouged lower contact in phyl bed
149.3	Faults			py	Gouge	55			Gouged lower contact in phyl bed
150.5	Cleavage		Sx			60			Aligned grey wispy seams in SS
150.6	Veins			fecb	FOL	60			2 veinlets concordant to Sx
151.97	Veins			asp	Veinlets	10			Partially penetrative 1mm thick asp stringer
152.4	Faults			py	Gouge	60			2cm of crushed/gouge SS
155.5	Veins			asp	Veinlets	10			dark grey py stringers in qzvning
155.9	Contact				QBX	40			Upper contact of grey QBX zone
157.2	Veins			asp	Veinlets	25			3mm thick py/asp stringer veinlets in qtz bx
158.4	Faults			asp	Gouge	80			5cm thick gouge wedge at lower contact of QBX zone
158.4	Contact			asp	Gouge	80			5cm thick gouge wedge at lower contact of QBX zone
158.42	Veins			asp	SHTV	80			Upto 1cm diameter asp xls in gouge concordant qzvning
159.2	Cleavage		Sx	chl		60			wispy wavy dark grey aligned matix seams in SS
159.92	Veins				FOL	70			Repeated 1cm thick Sx concordant qz veinlets of 0.5cm spacing
161.5	Contact			chl	Gouge	60			Gouged friable contact of phyl interbed
162.06	Contact			py	Gouge	50			Intensely gouged, py mineralised lower contact of phyl bed, corcordant to matrix alignment in QBX downhole
162.06	Faults			py	Gouge	50			Intensely gouged, py mineralised lower contact of phyl bed, corcordant to matrix alignment in QBX downhole
164.3	Cleavage		Ssh	chl	QBX	45			sheared wavy, chloritic seams in brecciated quartz veining
165.8	Cleavage		Ssh		QBX	50			stretched aligned quartz ribbons in quartz vein breccia
166.4	Cleavage		Ssh	chl		45			aligned chloritic seams in dark grey sandstone
167	Veins			chl	SHTV	35			chlorite rimmed, aligned stretched ribboned quartz veinlets
168.8	Cleavage		Ssh	chl		85			aligned chlorite seams in sandstone matrix
169.75	Veins				FOL	35			shear foliation concordant diffuse quartz ribbons
169.8	Cleavage		Ssh	chl		35			wispy aligned chloritic seams in sandstone
170.66	Veins			asp	QBX	42			sharp upper contact of quartz vein breccia interval with chloritic, dark grey, sulfide mineralized matrix seams
171.5	Faults				Gouge	10			crush-gouge along rough undulated, low core angle fracture in quartz breccia
172.2	Faults				Gouge	60			quartz breccia above and phyllite gouge below
172.2	Contact				Gouge	60			quartz breccia above and phyllite gouge below
173	Bedding		So			60			phyllite compositional beddin cleavage

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Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
173	Axial Plane					10			axial plane to small cink folds in phyllite compositional bedding cleavage So
175.5	Contact				Gouge	75			phyllite gouge above; sheared quartz breccia below
175.5	Faults				Gouge	75			phyllite gouge above; sheared quartz breccia below
177	Veins			asp		15			undulated dark grey sulfide matrix seams in sheared brecciated quartz veining
177.7	Cleavage		Ssh	asp		75			repated alignment of dark grey sulfide-rich matrix seams that surround angular quartz clasts
178.4	Cleavage		Ssh	asp		70			alignement of black sulfide rich phyllite bands in brecciated quartz veining
178.43	Faults				Gouge	70			5cm thick gouge wedge along smooth surface
179.5	Faults				Gouge	80			10cm gouge wedge along smooth surface and bounding quartz brecici below
180.7	Faults				Gouge	50			~10cm thick gouge wedge at lithological contact betwee
180.83	Contact				Gouge	80			gouge wedge at lithological contact with quart breccia above and phyllit below emplaced concordant to phyllite compositional bedding cleavage So
180.84	Bedding		So			80			phyllite compositional bedding cleavage
183.4	Bedding		So			50			phyllite compositional bedding cleavage
183.6	Bedding		So			60			phyllite compositional bedding cleavage
184.3	Axial Plane				FOL	70			axial planes in folded veinlets are concordant to So
184.3	Bedding		So			70			phyllite compositional bedding cleavage
184.3	Veins				Veinlets	40			repeated multiply folded veinlets
186	Bedding		So			80			phyllite compositional bedding cleavage
187.8	Bedding		So			70			phyllite compositional bedding cleavage
188.2	Bedding		So			60			phyllite compositional bedding cleavage
189	Bedding		So			60			phyllite compositional bedding cleavage
191	Bedding		So			80			phyllite compositional bedding cleavage
194	Bedding		So			75			phyllite compositional bedding cleavage
194.2	Veins			py	AXP	60			pyrite seams that are axial planar to fold-warping in So; pyrite seams intersect So at 50 degrees
195	Veins			py	FOL	80			repeated up to 3mm thick pyrite stringers concordant to phyllite compositional bedding cleavage; densely spaced
197	Bedding		So			70			phyllite compositional bedding cleavage
197	Cleavage		S1			45			S1 intersects So at 20 degrees
197.4	Veins				MASS	60			~50cm thick massive quartz vein; lower contact is fragmented
198	Bedding		So			40			phyllite compositional bedding cleavage
198	Veins			py	AXP	30			multiple, stacked, parallel pyrite stringers that run axial planar to cink/warp folding in So
198.5	Veins				FOL	50			multiple foliation concordant (<2m thick), sometimes vuggy veinlets
198.5	Bedding		So			50			phyllite compositional bedding cleavage
199	Bedding		So			45			phyllite compositional bedding cleavage
199.1	Faults				FOL	45			upper contact of ~20cm thick sandsteon interbed with phyllite above. Contact is concordant to Phyllite So and cuts off veining in sandstone.
199.1	Contact				FOL	45			upper contact of ~20cm thick sandsteon interbed with phyllite above. Contact is concordant to Phyllite So and cuts off veining in sandstone.
199.3	Bedding		So	py		55			phyllite compositional bedding cleavage with concordant partial pyrite stringers
200	Bedding		So			70			phyllite compositional bedding cleavage

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
201.4	Contact				FOL	50			upper contact of chloritized sandstone bed - concordant to phyllite So
201.4	Bedding		So			50			upper contact of chloritized sandstone bed - concordant to phyllite So
201.95	Veins			fecb	Veinlets	15			parallel, pyrite mineralized iron-carbonate veinlets
202	Contact					50			lower contact of chloritized sandstone bed - concordant to phyllite So
202	Bedding		So			50			lower contact of chloritized sandstone bed - concordant to phyllite So
202.5	Veins			fecb	SHTV	15			2nd set of parallel, pyrite mineralized iron-carbonate veinlets that intersect other 15TCA vein-set at ~35 degree
204	Bedding		So			50			phyllite compositional bedding cleavage
205	Veins			py		15			undulated (openly folded) 1cm thick, pyrite bleb mineralized vein (intersects So at 55 degree) with branching tension crack extension veins [not sheared]
205	Bedding		So			55			phyllite compositional bedding cleavage
205.3	Veins			py	FOL	55			multiple pyrite bleb mineralized veins with branching tension crack extensions [not sheared]
206.5	Bedding		So			60			phyllite compositional bedding cleavage
206.6	Faults				Gouge	30			2cm thick gouge seam emplaced in friable phyllite at upper contact of fault zone
207	Bedding		So			70			phyllite compositional bedding cleavage
208.8	Bedding		So			80			phyllite compositional bedding cleavage
210.74	Veins			chl	SHTV				random, wedgelike, quartz-chlorite tension crack veins (~1 per m_
211	Bedding		So			80			phyllite compositional bedding cleavage
213.8	Bedding		So			65			phyllite compositional bedding cleavage
214.5	Bedding		So			60			phyllite compositional bedding cleavage
214.7	Veins			chl		30			chloritic tension crack vein that intersects So at 35 degrees
215	Veins		V2	fecb	SHTV	40			densely spaced buff seams in ~30cm thick sandstone be with thicker V1 sheeted veining
215	Veins		V1		SHTV	50			1-3cm thick parallel veins in 30cm thick sandstone interbed cross-cut by V1
216.3	Veins				SHTV	15			~1cm thick densely stacked, vuggy unduated veinlets that penetrate through interbedded sandstone and phyllite
217.1	Bedding		So			70			phyllite compositional bedding cleavage in phylitte interbed wihtin sandstone
217.75	Faults				FOL	65			3cm thick gouge seam in phyllite interbed concordant to So
217.75	Faults				Gouge	65			3cm thick gouge seam in phyllite interbed concordant to So
218.5	Cleavage					80			phyllite compositional bedding cleavage in phylitte interbed wihtin sandstone
219.6	Contact				FOL	65			contact between phyllite and silicified sandstone concordant to phyllite compositional bedding cleavage
219.6	Bedding		So			65			phyllite compositional bedding cleavage in phylitte interbed wihtin sandstone
220	Veins				STWK	50			orientation in densely spaced variable corea angle, fragmented quartz veining
220	Veins				STWK	20			orientation in densely spaced variable corea angle, fragmented quartz veining
222.5	Bedding		So			40			phyllite compositional bedding cleavage in phylitte interbed wihtin sandstone
223	Veins				Veinlets	10			vein orientation in densely spaced multiply intersecting vein network in silicified sandstone
223	Veins				Veinlets	45			vein orientation in densely spaced multiply intersecting vein network in silicified sandstone
223	Veins				Veinlets	20			vein orientation in densely spaced multiply intersecting vein network in silicified sandstone
225.4	Contact				FOL	80			upper contact of 60cm thick phyllite interbed in silicified sandstone (concordant to phyllite So)
225.4	Bedding		So			80			phyllite compositional bedding cleavage in phylitte interbed wihtin sandstone

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
226	Veins			cy	Veinlets	5			recurring veinlet orienation in silicified sandstone
228.8	Veins			cy	SHTV	10			recurring parallel, densely packed veinlets in fragmented, silicified sandstone
230	Lineation			chl	QBX	30		5	sheared, striated, chloritize plane in quatz vein breccia
230.4	Veins			py	QBX	30			repeated pyrite-chlorite stinger seams in quartz breccia
230.7	Veins			asp		20			pyrite-arenopyrite-chlorite stringer mineralized, ~3cm thick ,quartz vein
233.3	Cleavage		Sx		Gouge	70			repeated cleavage in sand source, 40cm thick, crush-gouge block
233.47	Faults			py	Gouge	65			~13cm thick phyllite gouge wedge with clear, polished contacts and densely disseminated pyrite
235.5	Bedding		So			65			phyllite compositional bedding cleavage
237.1	Faults				FOL	70			gouged friable core over ~20cm along foliation
237.3	Bedding		So			70			phyllite compositional bedding cleavage
237.74	Veins			py	SHTV	30			3 pyrite mineralized, <1cm thick veinlets over 20cm interval
240	Bedding		So			60			phyllite compositional bedding cleavage
241	Bedding		So			70			phyllite compositional bedding cleavage
241.5	Axial Plane		Fx			65			axial plane to repeatedly folded veinlets
241.5	Veins			fecb	SHTV	30			densely spaced deformed, folded, buff-crème veinlets (10 over 40cm width)
242.1	Bedding		So			90			phyllite compositional bedding cleavage
242.5	Bedding		So			55			phyllite compositional bedding cleavage
243.1	Axial Plane		Fx			70			parasitic fold profiles
243.1	Bedding		So			20			phyllite compositional bedding cleavage
243.2	Axial Plane		F1			60			mulitiple small-scale, tightly folded parasitic fold profiles
243.5	Bedding		So			65			phyllite compositional bedding cleavage
244.1	Bedding		So			80			phyllite compositional bedding cleavage
246	Veins			fecb	SHTV	20			densely packed, parallel quartz seams (15 over 50cm)
246.84	Veins			py	MASS	40			pyrite bleb mineralized massive, 10cm thick quartz vein
247.4	Bedding		So			80			phyllite compositional bedding cleavage
249	Bedding		So			75			phyllite compositional bedding cleavage
250.3	Cleavage		S1			60			S1 intersects So at ~40 degree
250.3	Bedding		So			90			phyllite compositional bedding cleavage
252	Bedding		So			88			phyllite compositional bedding cleavage
253.2	Bedding		So			58			phyllite compositional bedding cleavage255
255.4	Bedding		So			80			phyllite compositional bedding cleavage
255.6	Veins				AXP	75			singular 1cm thick veinlet axial planar to tight cink-fold
255.6	Axial Plane		Fx			75			small tight cink fold
256.5	Bedding		So			80			phyllite compositional bedding cleavage
258.5	Bedding		So			70			phyllite compositional bedding cleavage
260	Bedding		So			60			phyllite compositional bedding cleavage
260.3	Veins			fecb	Veinlets	40			2 vuggy paralle veinlets that intersect So at ~80 degree
260.6	Axial Plane		Fx			30			tight parasitic fold profiles
260.62	Bedding		So			30			phyllite compositional bedding cleavage

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
260.8	Bedding		So			30			phyllite compositional bedding cleavage
260.85	Veins			py	FOL	34			3cm thick pyrite mineralized, So concordant quartz vein
261.5	Bedding		So			35			phyllite compositional bedding cleavage
262	Veins			fecb	SHTV	30			3 densely spaced, ~3cm thick quartz veins, deformed and folded near lithological contact over 60cm width; pyrite mineralized
262.9	Contact				FOL	55			Hard competent contact between silt above and silicified sandstone below; concordant to phyllite-silt So
262.9	Bedding		So			55			Hard competent contact between silt above and silicified sandstone below; concordant to phyllite-silt So
262.9	Veins				Veinlets	25			two quartz veinlets that cross-cut lithological, So concordant contact at 60 degrees
263.2	Veins			py	Veinlets	10			vuggy, ~0.5-2cm thick pyrite mineralized white quartz veins
263.8	Veins		V1			10			undulated, <1cm thick veinlets; cross-cut by V2
263.8	Veins		V2	asp		30			vuggy, ~8cm thick arsenopyrite mineralized quartz vein
266.3	Veins				Veinlets	15			several 1-2cm thick vuggy, white quartz veins (syn-generational with sheeted 50TCA veining)
267	Veins			py	SHTV	50			densely spaced 3-15cm thick white, vuggy, pyrite mineralized quartz veins with vein proportion greater than host rock proportion
268.48	Contact				FOL	50			phyllite gouge wedge along lithological contact with sheeted quartz veining above; retains bedding foliation So and emplaced concordant to So
268.48	Faults				Gouge	50			phyllite gouge wedge along lithological contact with sheeted quartz veining above; retains bedding foliation So and emplaced concordant to So
268.48	Bedding		So		Gouge	50			phyllite gouge wedge along lithological contact with sheeted quartz veining above; retains bedding foliation So and emplaced concordant to So
268.62	Veins				Gouge	70			vuggy, ~10cm thick, quartz vein bounded by phyllite gouge
270	Bedding		So			60			phyllite compositioal bedding cleavage
271	Bedding		So			60			phyllite compositioal bedding cleavage
271	Veins			cbt	FOL	60			occasional thin So concordant quartz seams with calcite coating.
272	Bedding		So			70			phyllite compositional bedding cleavage
273.5	Axial Plane		Fx			70			multiple parasitic fold profiles of variable dimensions but with parallel axial planes
273.8	Veins				AXP	50			two parallel vein seams that run axial planar to parasitic folding
273.8	Axial Plane		Fx			50			mulitple parasitic fold profiles in So
273.8	Bedding		So			18			peak-to-peak from multiple parasitic fold profiles
274.5	Bedding		So			20			peak-to-peak cleavage of multiple parasitic fold profiles
274.5	Cleavage		S1			60			S1 intersects So at 80 degree
274.5	Axial Plane		Fx			60			mulitple parasitic fold profiles
277	Bedding		So			20			phyllite compositional bedding cleavage
277.2	Bedding		So			25			phyllite compositional bedding cleavage
277.5	Veins				Veinlets	25			two 1cm thick parallel, multiple folded quartz veinlets at ~20cm spacing
279	Bedding		So			12			peak-to-peak cleavage of multiple open flex folds in So
279	Axial Plane		Fx			80			multiple open flex folds in So
279.6	Axial Plane		Fx			70			multiple closed fold profiles with parallel 70TCA axial planes
280.8	Bedding		So			30			compositional bedding cleavage in silt-phyllite sequence

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
280.8	Bedding		So			18			phyllite compositional bedding cleavage
282	Bedding		So			30			compositional bedding cleavage in silt-phyllite sequence
284	Veins			py	FOL	30			pyrite mineralized, So concordant, ~1cm thick quartz veinlet
284.5	Bedding		So			20			phyllite compositional bedding cleavage
286.2	Veins			cbt	FOL	20			1-2cm thick So concordant quartz veins with carbonate wisps - in groups of 2-3 over 10cm and with ~40cm spacing between groups
287	Faults				Gouge	80			thin gouge seam along 80TCA; intersects So at ~85 degree
288.2	Bedding		So			15			phyllite compositional bedding cleavage
290.4	Bedding		So			20			phyllite compositional bedding cleavage
290.4	Veins			py	FOL	20			foliation concordant pyrite stingers
290.8	Bedding		So			0			phyllite compositional bedding cleavage
290.8	Veins			fecb					random pyrite mineralized, partially penetrative, buff-crème, iron-carbonate seams
291	Bedding		So			18			phyllite compositional bedding cleavage; dips in opposite direction than So measured at 290.4m

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31374	7.5	9	2011	Expl Geochem	H-split	MT-Phy
31375	9	11	2011	Expl Geochem	H-split	MT-Phy
31376	11	13.1	2011	Expl Geochem	H-split	MT-Phy
31377	13.1	15	2011	Expl Geochem	H-split	MT-Phy
31378	15	18	2011	Expl Geochem	H-split	MT-Phy
31379	18	20.24	2011	Expl Geochem	H-split	MT-Phy
31380	20.24	22	2011	Expl Geochem	H-split	MT-Phy
31381	22	24	2011	Expl Geochem	H-split	MT-Phy
31382	24	26	2011	Expl Geochem	H-split	MT-Phy
31383	26	28	2011	Expl Geochem	H-split	MT-Phy
31384	28	30	2011	Expl Geochem	H-split	MT-Phy
31385	30	32	2011	Expl Geochem	H-split	MT-Phy
31386	32	34	2011	Expl Geochem	H-split	MT-Phy
31387	34	36	2011	Expl Geochem	H-split	MT-Phy
31388	36	38	2011	Expl Geochem	H-split	MT-Phy
31389	38	40	2011	Expl Geochem	H-split	MT-Phy
31390	40	42	2011	Expl Geochem	H-split	MT-Phy
31391	42	44	2011	Expl Geochem	H-split	MT-Phy
31392	44	46	2011	Expl Geochem	H-split	MT-Phy
31393	46	48	2011	Expl Geochem	H-split	MT-Phy
31394	48	50	2011	Expl Geochem	H-split	MT-Phy
31395	50	52	2011	Expl Geochem	H-split	MT-Phy
31396	52	54	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31397	54	56	2011	Expl Geochem	H-split	MT-Phy
31398	56	58	2011	Expl Geochem	H-split	MT-Phy
31399	58	60	2011	Expl Geochem	H-split	MT-Phy
31400	60	62	2011	Expl Geochem	H-split	MT-Phy
31401	62	64	2011	Expl Geochem	H-split	MT-Phy
31402	64	66	2011	Expl Geochem	H-split	MT-Phy
31403	66	68	2011	Expl Geochem	H-split	MT-Phy
31404	68	69	2011	Expl Geochem	H-split	MT-Phy
31405	69	70.6	2011	Expl Geochem	H-split	MT-Phy
31406	70.6	71.9	2011	Expl Geochem	H-split	MT-CO
31407	70.6	71.9	2011	STND	CDN-GS-8B	
31408	70.6	71.9	2011	DUP	Q-Split	MT-CO
31409	71.9	74	2011	Expl Geochem	H-split	MT-CO
31410	74	76	2011	Expl Geochem	H-split	MT-SS
31411	76	78	2011	Expl Geochem	H-split	MT-SS
31412	78	80	2011	Expl Geochem	H-split	MT-CO
31413	80	82	2011	Expl Geochem	H-split	MT-CO
31414	82	84	2011	Expl Geochem	H-split	MT-CO
31415	84	86	2011	Expl Geochem	H-split	MT-SS
31416	86	87.25	2011	Expl Geochem	H-split	MT-CO
31417	87.25	88	2011	Expl Geochem	H-split	MT-SS
31418	88	89	2011	Expl Geochem	H-split	MT-SS
31419	89	90	2011	Expl Geochem	H-split	MT-SS
31420	90	90.6	2011	Expl Geochem	H-split	MT-SS
31421	90.6	92	2011	Expl Geochem	H-split	MT-SS
31422	92	94	2011	Expl Geochem	H-split	MT-SS
31423	94	96	2011	Expl Geochem	H-split	MT-SS
31424	96	98	2011	Expl Geochem	H-split	MT-CO
31425	98	100	2011	Expl Geochem	H-split	MT-CO
31426	100	102.07	2011	Expl Geochem	H-split	MT-SS
31427	102.07	104	2011	Expl Geochem	H-split	MT-CO
31428	104	106	2011	Expl Geochem	H-split	MT-SS
31429	106	108.1	2011	Expl Geochem	H-split	MT-SS
31430	108.1	110	2011	Expl Geochem	H-split	MT-SS
31431	110	112	2011	Expl Geochem	H-split	MT-SS
31432	112	114.03	2011	Expl Geochem	H-split	MT-SS
31433	114.03	116	2011	Expl Geochem	H-split	MT-CO
31434	116	118.05	2011	Expl Geochem	H-split	MT-CO
31435	118.05	120	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31436	120	122	2011	Expl Geochem	H-split	MT-CO
31437	122	124	2011	Expl Geochem	H-split	MT-CO
31438	124	126.25	2011	Expl Geochem	H-split	MT-CO
31439	126.25	128	2011	Expl Geochem	H-split	MT-CO
31440	128	130	2011	Expl Geochem	H-split	MT-Phy
31441	130	132	2011	Expl Geochem	H-split	MT-Phy
31442	132	134	2011	Expl Geochem	H-split	MT-Phy
31443	134	135	2011	Expl Geochem	H-split	MT-Phy
31444	134	135	2011	DUP	Q-Split	MT-Phy
31445	134	135	2011	Blank	LWS_2011	MT-Phy
31446	135	136.7	2011	Expl Geochem	H-split	MT-Phy
31447	136.7	138	2011	Expl Geochem	H-split	MT-CO
31448	138	140	2011	Expl Geochem	H-split	MT-CO
31449	140	141.5	2011	Expl Geochem	H-split	MT-CO
31450	141.5	142.25	2011	Expl Geochem	H-split	MT-Phy
31451	142.25	144	2011	Expl Geochem	H-split	MT-CO
31452	144	145	2011	Expl Geochem	H-split	MT-CO
31453	145	146.45	2011	Expl Geochem	H-split	MT-CO
31454	146.45	146.84	2011	Expl Geochem	H-split	MT-Phy
31455	146.84	148.95	2011	Expl Geochem	H-split	MT-CO
31456	148.95	149.3	2011	Expl Geochem	H-split	MT-Phy
31457	149.3	151	2011	Expl Geochem	H-split	MT-CO
31458	151	152.4	2011	Expl Geochem	H-split	MT-CO
31459	152.4	154	2011	Expl Geochem	H-split	MT-CO
31460	154	155	2011	Expl Geochem	H-split	MT-CO
31461	155	156	2011	Expl Geochem	H-split	QZVN.bx
31462	156	157	2011	Expl Geochem	H-split	QZVN.bx
31463	157	158.4	2011	Expl Geochem	H-split	QZVN.bx
31464	158.4	160	2011	Expl Geochem	H-split	MT-CO
31465	160	161.5	2011	Expl Geochem	H-split	MT-CO
31466	161.5	162.06	2011	Expl Geochem	H-split	MT-Phy
31467	162.06	163	2011	Expl Geochem	H-split	QZVN.bx
31468	163	164.6	2011	Expl Geochem	H-split	QZVN.bx
31469	164.6	165.5	2011	Expl Geochem	H-split	MT-CO
31470	165.5	166.5	2011	Expl Geochem	H-split	MT-CO
31471	166.5	167.5	2011	Expl Geochem	H-split	MT-CO
31472	167.5	168.5	2011	Expl Geochem	H-split	MT-CO
31473	168.5	169.5	2011	Expl Geochem	H-split	MT-CO
31474	169.5	170.66	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31475	170.66	172.2	2011	Expl Geochem	H-split	QZVN.bx
31476	172.2	174	2011	Expl Geochem	H-split	MT-Phy
31477	174	175.5	2011	Expl Geochem	H-split	MT-Phy
31478	175.5	176.5	2011	Expl Geochem	H-split	QZVN.bx
31479	176.5	177.5	2011	Expl Geochem	H-split	QZVN.bx
31480	177.5	178.43	2011	Expl Geochem	H-split	QZVN.bx
31481	177.5	178.43	2011	DUP	Q-Split	QZVN.bx
31482	177.5	178.43	2011	Blank	LWS_2011	
31483	178.43	179.5	2011	Expl Geochem	H-split	MT-Phy.bx
31484	179.5	180.83	2011	Expl Geochem	H-split	QZVN.bx
31485	180.83	183	2011	Expl Geochem	H-split	MT-Phy.gf
31486	183	185	2011	Expl Geochem	H-split	MT-Phy.gf
31487	185	187	2011	Expl Geochem	H-split	MT-Phy.gf
31488	187	189	2011	Expl Geochem	H-split	MT-Phy.gf
31489	189	191	2011	Expl Geochem	H-split	MT-Phy.gf
31490	191	193	2011	Expl Geochem	H-split	MT-Phy.gf
31491	193	194.5	2011	Expl Geochem	H-split	MT-Phy.gf
31492	194.5	196.5	2011	Expl Geochem	H-split	MT-Phy.gf
31493	196.5	198.7	2011	Expl Geochem	H-split	MT-Phy.gf
31494	198.7	200	2011	Expl Geochem	H-split	MT-Phy.gf
31495	200	201.4	2011	Expl Geochem	H-split	MT-Phy.gf
31496	201.4	202	2011	Expl Geochem	H-split	MT-SS
31497	202	204	2011	Expl Geochem	H-split	MT-Phy
31498	204	205.5	2011	Expl Geochem	H-split	MT-Phy
31499	205.5	206.6	2011	Expl Geochem	H-split	MT-Phy
31500	206.6	208.7	2011	Expl Geochem	H-split	MT-Phy
31501	206.6	208.7	2011	Blank	LWS_2011	
31502	208.7	210.74	2011	Expl Geochem	H-split	MT-Phy
31503	210.74	212	2011	Expl Geochem	H-split	MT-Phy
31504	212	213.2	2011	Expl Geochem	H-split	MT-Phy
31505	213.2	214	2011	Expl Geochem	H-split	MT-SS
31506	214	216	2011	Expl Geochem	H-split	MT-SS
31507	216	217.6	2011	Expl Geochem	H-split	MT-SS
31508	217.6	219.6	2011	Expl Geochem	H-split	MT-SS
31509	219.6	221	2011	Expl Geochem	H-split	QZVN
31510	221	222	2011	Expl Geochem	H-split	MT-SS
31511	222	224	2011	Expl Geochem	H-split	MT-SS
31512	224	225.4	2011	Expl Geochem	H-split	MT-SS
31513	225.4	226	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-033 **Grant No.:** YD07124

Plunge: 80 **Azimuth:** 270 **EOH:** 291

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31514	226	228	2011	Expl Geochem	H-split	MT-SS
31515	228	228.8	2011	Expl Geochem	H-split	MT-SS
31517	228.8	230.7	2011	STND	CDN-GS-8B	
31518	228.8	230.7	2011	DUP	H-split	QZVN.bx
31516	228.8	230.7	2011	Expl Geochem	H-split	QZVN.bx
31519	230.7	232.5	2011	Expl Geochem	H-split	MT-SS
31520	232.5	233.6	2011	Expl Geochem	H-split	MT-SS
31521	233.6	235.4	2011	Expl Geochem	H-split	MT-SS
31522	235.4	237	2011	Expl Geochem	H-split	MT-Phy
31523	237	239	2011	Expl Geochem	H-split	MT-Phy
31524	239	241	2011	Expl Geochem	H-split	MT-Phy
31525	241	243	2011	Expl Geochem	H-split	MT-Phy
31526	243	245	2011	Expl Geochem	H-split	MT-Phy
31527	245	247	2011	Expl Geochem	H-split	MT-Phy
31528	247	249	2011	Expl Geochem	H-split	MT-Phy
31529	249	251	2011	Expl Geochem	H-split	MT-Phy
31530	251	253	2011	Expl Geochem	H-split	MT-Phy
31531	253	255	2011	Expl Geochem	H-split	MT-Phy
31532	255	257	2011	Expl Geochem	H-split	MT-Phy
31533	257	259	2011	Expl Geochem	H-split	MT-Phy
31534	259	261	2011	Expl Geochem	H-split	MT-Phy
31535	261	262.9	2011	Expl Geochem	H-split	MT-SLT
31536	262.9	264	2011	Expl Geochem	H-split	MT-SS
31537	264	265.5	2011	Expl Geochem	H-split	MT-SS
31538	265.5	267	2011	Expl Geochem	H-split	MT-SS
31539	267	268.48	2011	Expl Geochem	H-split	QZVN
31540	268.48	269.17	2011	Expl Geochem	H-split	MT-Phy
31541	269.17	271	2011	Expl Geochem	H-split	MT-Phy
31542	271	273	2011	Expl Geochem	H-split	MT-Phy
31543	273	275	2011	Expl Geochem	H-split	MT-Phy
31544	275	277	2011	Expl Geochem	H-split	MT-Phy
31545	277	279	2011	Expl Geochem	H-split	MT-SLT
31546	279	281	2011	Expl Geochem	H-split	MT-SLT
31547	281	283	2011	Expl Geochem	H-split	MT-Phy
31548	283	285	2011	Expl Geochem	H-split	MT-Phy
31549	285	287	2011	Expl Geochem	H-split	MT-Phy
31550	287	289	2011	Expl Geochem	H-split	MT-Phy
31551	289	291	2011	Expl Geochem	H-split	MT-Phy

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533752.1	6843934.0		

Elevation: 1538 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 80
Azimuth: 270
EOH: 342.0 m
Core Size: HQ

Start Date: 28/09/2011
Finish Date: 08/10/2011
Status: Completed
Contractor: Driftwood

Objective:
to follow up on Hole 3A-11-017

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
42	80.9	270.24	57066	Reflex	1
93	80.4	268.84	57104	Reflex	1
144	80.1	266.94	57139	Reflex	1
195	80.4	265.64	57301	Reflex	1
246	80.2	264.84	57363	Reflex	1
297	80.7	260.14	57014	Reflex	1
342	80.8	257.54	57004	Reflex	1

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	11.3	Casing	OVB		100.0%				co	1
11.3	12	Heavily faulted dark grey to black phyllite with frequent intervals of gouge and relatively abundant vuggy, white quartz veining with feo lining the vugs. Some of the vugs within the quartz veining appear to have been left by weathered out phyllite fragments.	QZVN		20.0%	w			co	2
11.3	12	Heavily faulted dark grey to black phyllite with frequent intervals of gouge and relatively abundant vuggy, white quartz veining with feo lining the vugs. Some of the vugs within the quartz veining appear to have been left by weathered out phyllite fragments.	MT-Phy		80.0%	n			co	3
12	58.2	Heavily faulted black to rare mm scale siltstone interbeds with very minor quartz veining. Very abundant, often long intervals of clay-rich fault gouge.	QZVN		2.0%	w			co	3
12	58.2	Heavily faulted black to rare mm scale siltstone interbeds with very minor quartz veining. Very abundant, often long intervals of clay-rich fault gouge.	MT-SLT		3.0%	gy			co	3
12	58.2	Heavily faulted black to rare mm scale siltstone interbeds with very minor quartz veining. Very abundant, often long intervals of clay-rich fault gouge.	MT-Phy		95.0%	n			co	3
58.2	61.2	Dark black to grey phyllite with very abundant fault gouge and relatively abundant quartz and quartz-carboante veining ranging from 1mm-1cm in width and showing abundant evidence of both brittle faulting and ductile folding. The quartz veining is bearing a reasonably abundant amount of fresh sulfide. Very minor interbedded grey silt.	MT-SLT		2.0%	gy			co	4
58.2	61.2	Dark black to grey phyllite with very abundant fault gouge and relatively abundant quartz and quartz-carboante veining ranging from 1mm-1cm in width and showing abundant evidence of both brittle faulting and ductile folding. The quartz veining is bearing a reasonably abundant amount of fresh sulfide. Very minor interbedded grey silt.	QZVN		13.0%	w			co	3
58.2	61.2	Dark black to grey phyllite with very abundant fault gouge and relatively abundant quartz and quartz-carboante veining ranging from 1mm-1cm in width and showing abundant evidence of both brittle faulting and ductile folding. The quartz veining is bearing a reasonably abundant amount of fresh sulfide. Very minor interbedded grey silt.	MT-Phy		85.0%	n			co	4
61.2	63.2	Almost completely uniform black phyllite with almost no veining. Core is competent and shows no sign of brittle faulting.	MT-Phy		100.0%	n			co	3

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
80	270	342					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
63.2	81.8	Dominantly black to dark grey phyllite but with abundant interbedded grey siltstone and fg sandstone. Phyllite beds range from 1mm-40cm averaging ~10cm… silt and sandstone beds are less frequent ranging from 1-5 cm in width. Variable amounts of quartz and quartz-carboante veining seem to be associated with sporadic minor faulted zones and many of the veins seem to be associated with a pale green sericite alteration.	QZVN		5.0%	w			co	2
63.2	81.8	Dominantly black to dark grey phyllite but with abundant interbedded grey siltstone and fg sandstone. Phyllite beds range from 1mm-40cm averaging ~10cm… silt and sandstone beds are less frequent ranging from 1-5 cm in width. Variable amounts of quartz and quartz-carboante veining seem to be associated with sporadic minor faulted zones and many of the veins seem to be associated with a pale green sericite alteration.	MT-SLT		15.0%	gy			co	2
63.2	81.8	Dominantly black to dark grey phyllite but with abundant interbedded grey siltstone and fg sandstone. Phyllite beds range from 1mm-40cm averaging ~10cm… silt and sandstone beds are less frequent ranging from 1-5 cm in width. Variable amounts of quartz and quartz-carboante veining seem to be associated with sporadic minor faulted zones and many of the veins seem to be associated with a pale green sericite alteration.	MT-SS		20.0%	gy			co	2
63.2	81.8	Dominantly black to dark grey phyllite but with abundant interbedded grey siltstone and fg sandstone. Phyllite beds range from 1mm-40cm averaging ~10cm… silt and sandstone beds are less frequent ranging from 1-5 cm in width. Variable amounts of quartz and quartz-carboante veining seem to be associated with sporadic minor faulted zones and many of the veins seem to be associated with a pale green sericite alteration.	MT-Phy		60.0%	gy			co	3
81.8	83.4	Dominantly black phyllite with lesser pale green altered sandstone with very abundant vuggy quartz-carbonate veining many brittle-ductile features in the rock including minor zones that almost appear brecciated	QZVN		30.0%	w			co	2
81.8	83.4	Dominantly black phyllite with lesser pale green altered sandstone with very abundant vuggy quartz-carbonate veining many brittle-ductile features in the rock including minor zones that almost appear brecciated	MT-SS	fgr	30.0%	g			co	2
81.8	83.4	Dominantly black phyllite with lesser pale green altered sandstone with very abundant vuggy quartz-carbonate veining many brittle-ductile features in the rock including minor zones that almost appear brecciated	MT-Phy		40.0%	n			co	3
83.4	87	Green to orange heavily altered abundantly veined mgr sandstone. Very abundant pervasive alteration of the entire unit. Quartz veining ranging from thin (1mm) veinlets to large (10cm) veins with lesser carbonate and variable amounts of cinnabar, hematitie	QZVN		35.0%	w			co	1
83.4	87	Green to orange heavily altered abundantly veined mgr sandstone. Very abundant pervasive alteration of the entire unit. Quartz veining ranging from thin (1mm) veinlets to large (10cm) veins with lesser carbonate and variable amounts of cinnabar, hematitie	MT-SS	mgr	65.0%	g			co	2
87	88.75	Grey quartz-pebble conglomerate with extermely abundant (35% qtz, 25% feldspar, and 15% phyllite lithic) clasts. Clasts are of roughly consistent size of ~5mm and are very rounded… showing very little stretching. Quartz veining is slightly less abundant than in the sandstone interval above but is still relatively abundant and ranges from an average of 5mm in width to one that is 10cm in width marking the contact between the sandstone and the conglomerate.	QZVN		15.0%	w			co	1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
87	88.75	Grey quartz-pebble conglomerate with extermely abundant (35% qtz, 25% feldspar, and 15% phyllite lithic) clasts. Clasts are of roughly consistent size of ~5mm and are very rounded… showing very little stretching. Quartz veining is slightly less abundant than in the sandstone interval above but is still relatively abundant and ranges from an average of 5mm in width to one that is 10cm in width marking the contact between the sandstone and the conglomerate.	MT-CO		85.0%	gy	qtz	35	co	1
88.75	91.25	fine-grained, grey to slightly green weakly chloritised fgr-mgr sandstone with very small, minor intervals of black phyllite and 2-5mm wide quartz veins.	MT-Phy		5.0%	n			co	3
88.75	91.25	fine-grained, grey to slightly green weakly chloritised fgr-mgr sandstone with very small, minor intervals of black phyllite and 2-5mm wide quartz veins.	QZVN		15.0%	w			co	2
88.75	91.25	fine-grained, grey to slightly green weakly chloritised fgr-mgr sandstone with very small, minor intervals of black phyllite and 2-5mm wide quartz veins.	MT-SS	fgr	80.0%	gy			co	1
91.25	103.1	Grey mgr sandstone grading into the conglomerates.	MT-SS	mgr	10.0%	gy			co	2
91.25	103.1	White quartz-carbonate veins with feo in vugs	QZVN		10.0%	w			co	1
91.25	103.1	Grey quartz pebble conlgomerate with a smaller grain-size and fewer clasts than the other conglomerates in the intervals. 20% quartz, 10% feldspar, 1% lithic clasts	MT-CO	pbl	30.0%	gy			co	2
91.25	103.1	Grey quartz-pebble conglomerate with extermely abundant (35% qtz, 25% feldspar, and 15% phyllite lithic) clasts. Clasts are of roughly consistent size of ~5mm and are very rounded… showing very little stretching. Quartz veining is slightly less abundant than in the sandstone interval above but is still relatively abundant and ranges from an average of 5mm in width to one that is 10cm in width marking the contact between the sandstone and the conglomerate.	MT-CO	pbl	50.0%	gy			co	2
103.1	124.5	White quartz-carbonate veins with feo in vugs	QZVN		2.0%	w			co	1
103.1	124.5	Grey quartz pebble conlgomerate with a smaller grain-size and fewer clasts than the other conglomerates in the intervals. 20% quartz, 10% feldspar, 1% lithic clasts	MT-CO	pbl	38.0%	gy			co	2
103.1	124.5	Grey mgr sandstone grading into the conglomerates.	MT-SS	mgr	60.0%	gy			co	2
124.5	138.15	Grey quartz pebble conglomerate with very abundant pebble clasts (40% qtz, 30% fsp, 1% phyllite lithic clasts). Clay and fe-carbonate alteration has almost completely replaced the feldspar pebbles. Foliation is visible in thin cleavage domains containing platy minerals and from the stretching of the quartz pebbles. Minor (10%) sandstone intervals containing between 5-15% larger feldspar and quartz clasts. Clast size in the conglomerate ranges from 2mm to almost 1cm in size. There is approximately 5% crosscutting quartz and quartz carbonate veining and many of the fractures are coated in a waxy white clay that may be kaolinite.	QZVN		5.0%	w			co	2
124.5	138.15	Grey quartz pebble conglomerate with very abundant pebble clasts (40% qtz, 30% fsp, 1% phyllite lithic clasts). Clay and fe-carbonate alteration has almost completely replaced the feldspar pebbles. Foliation is visible in thin cleavage domains containing platy minerals and from the stretching of the quartz pebbles. Minor (10%) sandstone intervals containing between 5-15% larger feldspar and quartz clasts. Clast size in the conglomerate ranges from 2mm to almost 1cm in size. There is approximately 5% crosscutting quartz and quartz carbonate veining and many of the fractures are coated in a waxy white clay that may be kaolinite.	MT-SS	cgr	10.0%	gy	qtz	5	co	2

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
124.5	138.15	Grey quartz pebble conglomerate with very abundant pebble clasts (40% qtz, 30% fsp, 1% phyllite lithic clasts). Clay and fe-carbonate alteration has almost completely replaced the feldspar pebbles. Foliation is visible in thin cleavage domains containing platy minerals and from the stretching of the quartz pebbles. Minor (10%) sandstone intervals containing between 5-15% larger feldspar and quartz clasts. Clast size in the conglomerate ranges from 2mm to almost 1cm in size. There is approximately 5% crosscutting quartz and quartz carbonate veining and many of the fractures are coated in a waxy white clay that may be kaolinite.	MT-CO	pbl	85.0%	gy	qtz	40	co	2
138.15	141.9	Heavily brecciated black phyllite and sandstone with a large quartz-vein breccia with extremely abundnat sulfides… dominantly purite but some lesser arsenopyrite. Abundant clay fault gouge.	QZVN		20.0%	w			co	4
138.15	141.9	Heavily brecciated black phyllite and sandstone with a large quartz-vein breccia with extremely abundnat sulfides… dominantly purite but some lesser arsenopyrite. Abundant clay fault gouge.	MT-SS	mgr	30.0%	gy			co	4
138.15	141.9	Heavily brecciated black phyllite and sandstone with a large quartz-vein breccia with extremely abundnat sulfides… dominantly purite but some lesser arsenopyrite. Abundant clay fault gouge.	MT-Phy		50.0%	n			co	4
141.9	144.45	quartz-vein breccia with extremely abundnat sulfides… dominantly purite but some lesser, but not insignificant arsenopyrite. Abundant clay fault gouge.	QZVN		100.0%	gy			co	4
144.45	147.52	Grey heavily altered, veined, brecciated and faulted sandstone with very abundant pyrite and arsenopyrite along with possible trace arsenopyrite.	QZVN		40.0%	w			co	3
144.45	147.52	Grey heavily altered, veined, brecciated and faulted sandstone with very abundant pyrite and arsenopyrite along with possible trace arsenopyrite.	MT-SS	cgr	60.0%	gy			co	3
147.52	153.6	Same sandstone as above with 5-10% larger feldspar and quartz clasts… Still very abundant but slightly lessening quartz veining, pyrite and arsenopyrite including some veining with minor subhedral sphalerite.	MT-SS	cgr	25.0%	gy			co	2
147.52	153.6	Same sandstone as above with 5-10% larger feldspar and quartz clasts… Still very abundant but slightly lessening quartz veining, pyrite and arsenopyrite including some veining with minor subhedral sphalerite.	QZVN		75.0%	w			co	2
153.6	154.55	Black to dark grey phyllite and interbedded coarse-grained sandstone with 5-10% larger quartz and feldspar clasts… Abundant folding visible along with intervals with intense shearing characteristics and an almost mylonitized appearance (grain-size reduction of a coarser-grained sandstone or conglomerate?). Library sample taken. Essentially looks like a ductiley deformed contact zone between sandstone and conglomerates and phyllites. Abundant pyrite, particularly around veining in coarser-grained units. Abundant euhedral pyrite.	QZVN		10.0%	w			co	3
153.6	154.55	Black to dark grey phyllite and interbedded coarse-grained sandstone with 5-10% larger quartz and feldspar clasts… Abundant folding visible along with intervals with intense shearing characteristics and an almost mylonitized appearance (grain-size reduction of a coarser-grained sandstone or conglomerate?). Library sample taken. Essentially looks like a ductiley deformed contact zone between sandstone and conglomerates and phyllites. Abundant pyrite, particularly around veining in coarser-grained units. Abundant euhedral pyrite.	MT-SS	fgr	35.0%	gy			co	3
153.6	154.55	Black to dark grey phyllite and interbedded coarse-grained sandstone with 5-10% larger quartz and feldspar clasts… Abundant folding visible along with intervals with intense shearing characteristics and an almost mylonitized appearance (grain-size reduction of a coarser-grained sandstone or conglomerate?). Library sample taken. Essentially looks like a ductiley deformed contact zone between sandstone and conglomerates and phyllites. Abundant pyrite, particularly around veining in coarser-grained units. Abundant euhedral pyrite.	MT-Phy		55.0%	n			co	3
154.55	160.05	Black phyllite to grey siltstone with very minor sandstone intervals (often containing a higher concentration of euhedral pyrite). Some intervals show many small-scale parasitic folds including tigmaticly folded thin quartz veins.	MT-SS	fgr	2.0%	gy			co	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
80	270	342					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
154.55	160.05	Black phyllite to grey siltstone with very minor sandstone intervals (often containing a higher concentration of euhedral pyrite). Some intervals show many small-scale parasitic folds including tigmaticly folded thin quartz veins.	QZVN		5.0%	w			co	2
154.55	160.05	Black phyllite to grey siltstone with very minor sandstone intervals (often containing a higher concentration of euhedral pyrite). Some intervals show many small-scale parasitic folds including tigmaticly folded thin quartz veins.	MT-SLT		13.0%	gy			co	2
154.55	160.05	Black phyllite to grey siltstone with very minor sandstone intervals (often containing a higher concentration of euhedral pyrite). Some intervals show many small-scale parasitic folds including tigmaticly folded thin quartz veins.	MT-Phy		80.0%	n			co	3
160.05	162.65	Black phyllite interbedded on the cm scale with grey siltstone and grey to slightly green tinted (from sericite alteration) sandstone. Abundant white quartz veining particularly concentrated in center of the transitional unit where there is also the most evidence of folding and microfaulting.	MT-SS	mgr	9.0%	gy			co	2
160.05	162.65	Black phyllite interbedded on the cm scale with grey siltstone and grey to slightly green tinted (from sericite alteration) sandstone. Abundant white quartz veining particularly concentrated in center of the transitional unit where there is also the most evidence of folding and microfaulting.	QZVN		11.0%	w			co	2
160.05	162.65	Black phyllite interbedded on the cm scale with grey siltstone and grey to slightly green tinted (from sericite alteration) sandstone. Abundant white quartz veining particularly concentrated in center of the transitional unit where there is also the most evidence of folding and microfaulting.	MT-SLT	fgr	35.0%	gy			co	2
160.05	162.65	Black phyllite interbedded on the cm scale with grey siltstone and grey to slightly green tinted (from sericite alteration) sandstone. Abundant white quartz veining particularly concentrated in center of the transitional unit where there is also the most evidence of folding and microfaulting.	MT-Phy		45.0%	n			co	3
162.65	174.25	Grey, coarse-grained sandstone with 5-10% pebble-sized clasts with minor phyllite, siltstone and conglomerate interbedded.	MT-CO	pbl	5.0%	gy	qtz	40	co	2
162.65	174.25	Grey, coarse-grained sandstone with 5-10% pebble-sized clasts with minor phyllite, siltstone and conglomerate interbedded.	MT-Phy		5.0%	n			co	2
162.65	174.25	Grey, coarse-grained sandstone with 5-10% pebble-sized clasts with minor phyllite, siltstone and conglomerate interbedded.	QZVN		5.0%	w			co	2
162.65	174.25	Grey, coarse-grained sandstone with 5-10% pebble-sized clasts with minor phyllite, siltstone and conglomerate interbedded.	MT-SLT		10.0%	gy			co	2
162.65	174.25	Grey, coarse-grained sandstone with 5-10% pebble-sized clasts with minor phyllite, siltstone and conglomerate interbedded.	MT-SS	cgr	75.0%	gy	qtz	5	co	2
174.25	179	Faulted black phyllite interbedded with siltstone and mgr-cgr sandstone with variable amounts of quartz veining and clay fault gouge.	MT-SLT		10.0%	gy			co	3
174.25	179	Faulted black phyllite interbedded with siltstone and mgr-cgr sandstone with variable amounts of quartz veining and clay fault gouge.	QZVN		10.0%	w			co	3
174.25	179	Faulted black phyllite interbedded with siltstone and mgr-cgr sandstone with variable amounts of quartz veining and clay fault gouge.	MT-Phy		20.0%	n			co	3
174.25	179	Faulted black phyllite interbedded with siltstone and mgr-cgr sandstone with variable amounts of quartz veining and clay fault gouge.	MT-SS	mgr	60.0%	gy			co	3
179	188.65	Occasionally faulted and heavily quartz veined grey sandstne with 5-10% larger clatsts and lesser inerbeds of conglomerate. Upper contact is a faulted contact with the phyllite. Rock shows abundant evidence of brittle cracking and faulting including some sections that are almost brecciated by quartz veining.	MT-CO	pb	5.0%	gy	qtz	10	co	3

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge:	Azimuth:	EOH:
80	270	342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
179	188.65	Occasionally faulted and heavily quartz veined grey sandstne with 5-10% larger clatsts and lesser inerbeds of conglomerate. Upper contact is a faulted contact with the phyllite. Rock shows abundant evidence of brittle cracking and faulting including some sections that are almost brecciated by quartz veining.	QZVN		20.0%	w			co	3
179	188.65	Occasionally faulted and heavily quartz veined grey sandstne with 5-10% larger clatsts and lesser inerbeds of conglomerate. Upper contact is a faulted contact with the phyllite. Rock shows abundant evidence of brittle cracking and faulting including some sections that are almost brecciated by quartz veining.	MT-SS	cgr	75.0%	gy	qtz	3	co	3
188.65	189.6	Black phyllite interbedded with grey mgr-cgr sandstone veining primarily within the sandstone. Sulfides (pyrite and lesser arsenopyrite)within veining and disseminated (diss mostly in sandstone). Some sulfide-rich stringers in phyllite.	QZVN		10.0%	w			co	2
188.65	189.6	Black phyllite interbedded with grey mgr-cgr sandstone veining primarily within the sandstone. Sulfides (pyrite and lesser arsenopyrite)within veining and disseminated (diss mostly in sandstone). Some sulfide-rich stringers in phyllite.	MT-Phy		40.0%	n			co	3
188.65	189.6	Black phyllite interbedded with grey mgr-cgr sandstone veining primarily within the sandstone. Sulfides (pyrite and lesser arsenopyrite)within veining and disseminated (diss mostly in sandstone). Some sulfide-rich stringers in phyllite.	MT-SS	mgr	50.0%	gy			co	2
189.6	192.05	Grey, oarse-grained sandstone with very abundant quartz tension veining bearing abundant sulfides. Unit ends in faulting. Up to 10% larger (>2mm) clasts… generally only around 3%	QZVN		20.0%	w			co	3
189.6	192.05	Grey, oarse-grained sandstone with very abundant quartz tension veining bearing abundant sulfides. Unit ends in faulting. Up to 10% larger (>2mm) clasts… generally only around 3%	MT-SS	cgr	80.0%	gy	qtz	3	co	3
192.05	201.65	Interbedded black phyllite and grey sandstone and lesser siltstone. Decrease in quartz veining. Abundant sulfides, particularly along cleavage and bedding in the phyllite and within quartz and quartz-carbonate veining. Sulfides are almost completely pyrite.	QZVN		10.0%	w			co	1
192.05	201.65	Interbedded black phyllite and grey sandstone and lesser siltstone. Decrease in quartz veining. Abundant sulfides, particularly along cleavage and bedding in the phyllite and within quartz and quartz-carbonate veining. Sulfides are almost completely pyrite.	MT-SLT		20.0%	gy			co	2
192.05	201.65	Interbedded black phyllite and grey sandstone and lesser siltstone. Decrease in quartz veining. Abundant sulfides, particularly along cleavage and bedding in the phyllite and within quartz and quartz-carbonate veining. Sulfides are almost completely pyrite.	MT-SS	mgr	30.0%	gy			co	2
192.05	201.65	Interbedded black phyllite and grey sandstone and lesser siltstone. Decrease in quartz veining. Abundant sulfides, particularly along cleavage and bedding in the phyllite and within quartz and quartz-carbonate veining. Sulfides are almost completely pyrite.	MT-Phy		40.0%	n			co	3
201.65	206.35	Same as above but an increase in the proportion of phyllite.	MT-SLT		10.0%	gy			co	2
201.65	206.35	Same as above but an increase in the proportion of phyllite.	MT-SS		35.0%	gy			co	2
201.65	206.35	Same as above but an increase in the proportion of phyllite.	MT-Phy		55.0%	n			co	3
206.35	211.75	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	QZVN		5.0%	w			co	3
206.35	211.75	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-SLT		10.0%	gy			co	4
206.35	211.75	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-Phy		85.0%	n			co	4

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
211.75	212.75	Dark grey, medium grained sandstone clay and carbonate alteration much fewer sulfides than surrounding… no visible fabric… minor thin white quartz-carbonate veining.	QZVN		5.0%	w			co	3
211.75	212.75	Dark grey, medium grained sandstone clay and carbonate alteration much fewer sulfides than surrounding… no visible fabric… minor thin white quartz-carbonate veining.	MT-SS	mgr	95.0%	gy			co	3
212.75	219.4	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	QZVN		5.0%	w			co	3
212.75	219.4	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-SLT		10.0%	gy			co	4
212.75	219.4	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-Phy		85.0%	n			co	4
219.4	220.65	Heavily faulted and rubbly sandstone grading downwards to conglomerate. Upper contact gradational, lower contact very sharp… Upright bedding	QZVN		5.0%	w			co	2
219.4	220.65	Heavily faulted and rubbly sandstone grading downwards to conglomerate. Upper contact gradational, lower contact very sharp… Upright bedding	MT-CO		45.0%	gy	qtz	65	co	2
219.4	220.65	Heavily faulted and rubbly sandstone grading downwards to conglomerate. Upper contact gradational, lower contact very sharp… Upright bedding	MT-SS		50.0%	gy	qtz	5	co	3
220.65	228.85	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	QZVN		5.0%	w			co	3
220.65	228.85	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-SLT		10.0%	gy			co	3
220.65	228.85	Highly strained and faulted phyllite with lesser siltstone. Abundant pyrite blebs and strings that appear to have been sheared along with the rock and now look smeared and folded just as the bedding and veining does. Possibly some very tight isoclinal folding.	MT-Phy		85.0%	n			co	4
228.85	232.4	Finely interbedded black phyllite and grey siltstone… regularly repeated sequences consisting of beds from 0.5mm-2cm in width often with sumillimetric laminations within these larger packages. Abundant quartz-carboante veins containing pyrite cut the rock	QZVN		10.0%	w			co	2
228.85	232.4	Finely interbedded black phyllite and grey siltstone… regularly repeated sequences consisting of beds from 0.5mm-2cm in width often with sumillimetric laminations within these larger packages. Abundant quartz-carboante veins containing pyrite cut the rock	MT-Phy		40.0%	n			co	3
228.85	232.4	Finely interbedded black phyllite and grey siltstone… regularly repeated sequences consisting of beds from 0.5mm-2cm in width often with sumillimetric laminations within these larger packages. Abundant quartz-carboante veins containing pyrite cut the rock	MT-SLT		50.0%	gy			co	3
232.4	244.5	Extremely veined to brecciated interbedded mg-cgr sandstone and lesser phyllite and siltstone with 20-35% quart veining and extremely abundant pyrite and arsenopyrite. Very few measurabel angles as things go every which way in this heavily brittly deformed zone.	MT-Phy	brx	5.0%	n			co	3
232.4	244.5	Extremely veined to brecciated interbedded mg-cgr sandstone and lesser phyllite and siltstone with 20-35% quart veining and extremely abundant pyrite and arsenopyrite. Very few measurabel angles as things go every which way in this heavily brittly deformed zone.	MT-SLT	brx	15.0%	gy			co	3

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
232.4	244.5	Extremely veined to brecciated interbedded mg-cgr sandstone and lesser phyllite and siltstone with 20-35% quart veining and extremely abundant pyrite and arsenopyrite. Very few measurabel angles as things go every which way in this heavily brittly deformed zone.	QZVN	brx	25.0%	w			co	3
232.4	244.5	Extremely veined to brecciated interbedded mg-cgr sandstone and lesser phyllite and siltstone with 20-35% quart veining and extremely abundant pyrite and arsenopyrite. Very few measurabel angles as things go every which way in this heavily brittly deformed zone.	MT-SS	brx	55.0%	gy			co	3
244.5	252.2	Abundantly veined and deformed phyllite with lesser siltstone and abundant quartz veining ranging in width from 1mm-3cm and often showing tight isoclinal folding and/or disruption by microfaulting. Abundant intervals of black clay fault gouge often with abundant euhedral cubic pyrite disseminated.	MT-SLT		10.0%	gy			co	3
244.5	252.2	Abundantly veined and deformed phyllite with lesser siltstone and abundant quartz veining ranging in width from 1mm-3cm and often showing tight isoclinal folding and/or disruption by microfaulting. Abundant intervals of black clay fault gouge often with abundant euhedral cubic pyrite disseminated.	QZVN		10.0%	w			co	3
244.5	252.2	Abundantly veined and deformed phyllite with lesser siltstone and abundant quartz veining ranging in width from 1mm-3cm and often showing tight isoclinal folding and/or disruption by microfaulting. Abundant intervals of black clay fault gouge often with abundant euhedral cubic pyrite disseminated.	MT-Phy		80.0%	n			co	3
252.2	256	Thinly interbedded phyllite, siltstone and fine-grained sandstones… beds averaging 5mm-3cm wide. Quartz carbonate veining containing pyrite along with some "smears" and blebs of dull, fine-grained pyrite dispersions following bedding and cleavage.	QZVN		5.0%	w			co	2
252.2	256	Thinly interbedded phyllite, siltstone and fine-grained sandstones… beds averaging 5mm-3cm wide. Quartz carbonate veining containing pyrite along with some "smears" and blebs of dull, fine-grained pyrite dispersions following bedding and cleavage.	MT-Phy		25.0%	n			co	2
252.2	256	Thinly interbedded phyllite, siltstone and fine-grained sandstones… beds averaging 5mm-3cm wide. Quartz carbonate veining containing pyrite along with some "smears" and blebs of dull, fine-grained pyrite dispersions following bedding and cleavage.	MT-SS	mgr	30.0%	gy			co	2
252.2	256	Thinly interbedded phyllite, siltstone and fine-grained sandstones… beds averaging 5mm-3cm wide. Quartz carbonate veining containing pyrite along with some "smears" and blebs of dull, fine-grained pyrite dispersions following bedding and cleavage.	MT-SLT		40.0%	gy			co	2
256	261.1	mgr-cgr sandstone with minor quartz-pebble conglomerate with extremely abundant arsenopyrite and pyrite bearing, brecciating quartz-carbonate veining ranging from 1mm - 40cm in width. Conglomerate quartz pebbles occassionally contain abundant pyrite, particularly concentrated around edges.	MT-CO		20.0%	gy	qtz	80	co	3
256	261.1	mgr-cgr sandstone with minor quartz-pebble conglomerate with extremely abundant arsenopyrite and pyrite bearing, brecciating quartz-carbonate veining ranging from 1mm - 40cm in width. Conglomerate quartz pebbles occassionally contain abundant pyrite, particularly concentrated around edges.	QZVN		30.0%	w			co	3
256	261.1	mgr-cgr sandstone with minor quartz-pebble conglomerate with extremely abundant arsenopyrite and pyrite bearing, brecciating quartz-carbonate veining ranging from 1mm - 40cm in width. Conglomerate quartz pebbles occassionally contain abundant pyrite, particularly concentrated around edges.	MT-SS		50.0%	gy			co	3
261.1	264.45	Dark black phyllite with lesser grey siltstone interbeds and abundat quartz and quartz-carbonate veining. Veining and bedding frequently shows tight, small scale parasitic folding. Abundant euhedral mg-cg pyrite cubes within some bedding and within veining and selvages.	QZVN		10.0%	w			co	2
261.1	264.45	Dark black phyllite with lesser grey siltstone interbeds and abundat quartz and quartz-carbonate veining. Veining and bedding frequently shows tight, small scale parasitic folding. Abundant euhedral mg-cg pyrite cubes within some bedding and within veining and selvages.	MT-SLT		10.0%	gy			co	3

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
261.1	264.45	Dark black phyllite with lesser grey siltstone interbeds and abundat quartz and quartz-carbonate veining. Veining and bedding frequently shows tight, small scale parasitic folding. Abundant euhedral mg-cg pyrite cubes within some bedding and within veining and selvages.	MT-Phy		80.0%	n			co	3
264.45	288.15	Dominantly mg to coarse-grained sandstone with up to 30% larger clasts. Variable (sometimes quite intense) faulting and veining in places almost a breccia. Very minor intervals of black phyllite. Pyrite is very abundant both dissemianted and in veining with lesser arsenopyrite particularly in the veining.	MT-Phy		5.0%	n			co	3
264.45	288.15	Dominantly mg to coarse-grained sandstone with up to 30% larger clasts. Variable (sometimes quite intense) faulting and veining in places almost a breccia. Very minor intervals of black phyllite. Pyrite is very abundant both dissemianted and in veining with lesser arsenopyrite particularly in the veining.	QZVN		20.0%	w			co	2
264.45	288.15	Dominantly mg to coarse-grained sandstone with up to 30% larger clasts. Variable (sometimes quite intense) faulting and veining in places almost a breccia. Very minor intervals of black phyllite. Pyrite is very abundant both dissemianted and in veining with lesser arsenopyrite particularly in the veining.	MT-SS	cgr	25.0%	gy			co	3
264.45	288.15	Dominantly mg to coarse-grained sandstone with up to 30% larger clasts. Variable (sometimes quite intense) faulting and veining in places almost a breccia. Very minor intervals of black phyllite. Pyrite is very abundant both dissemianted and in veining with lesser arsenopyrite particularly in the veining.	MT-SS	mgr	50.0%	gy			co	3
288.15	291	Black phyllite interbedded with minor dark grey siltstone. Abundant folding of foliation and bedding. Abundant white quartz veining with minor carbonate and associated pale green sericite alteration.	MT-SLT		5.0%	gy			co	3
288.15	291	Black phyllite interbedded with minor dark grey siltstone. Abundant folding of foliation and bedding. Abundant white quartz veining with minor carbonate and associated pale green sericite alteration.	QZVN		5.0%	w			co	3
288.15	291	Black phyllite interbedded with minor dark grey siltstone. Abundant folding of foliation and bedding. Abundant white quartz veining with minor carbonate and associated pale green sericite alteration.	MT-Phy		90.0%	n			co	3
291	304	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries.	MT-SLT		5.0%	gy			co	3
291	304	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries.	QZVN		25.0%	w			co	3
291	304	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries.	MT-CO	pbl	30.0%	gy	qtz	80	co	3
291	304	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries.	MT-SS	cgr	40.0%	gy			co	3
304	308.9	Black phyllite with interveds of gry siltstone and sandstone abundant folding structures and strong foliation along which there is crenulating and minor microfaulting. Decrease in veining prominance and size but still very abundant quartz veining ranging from 1mm-5cm wide,.	MT-SLT		10.0%	gy			co	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
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From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
304	308.9	Black phyllite with interveds of gry siltstone and sandstone abundant folding structures and strong foliation along which there is crenulating and minor microfaulting. Decrease in veining prominance and size but still very abundant quartz veining ranging from 1mm-5cm wide,.	QZVN		10.0%	w			co	2
304	308.9	Black phyllite with interveds of gry siltstone and sandstone abundant folding structures and strong foliation along which there is crenulating and minor microfaulting. Decrease in veining prominance and size but still very abundant quartz veining ranging from 1mm-5cm wide,.	MT-SS		30.0%	gy			co	2
304	308.9	Black phyllite with interveds of gry siltstone and sandstone abundant folding structures and strong foliation along which there is crenulating and minor microfaulting. Decrease in veining prominance and size but still very abundant quartz veining ranging from 1mm-5cm wide,.	MT-Phy		50.0%	n			co	2
308.9	320.6	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries. Fine-grained siltstone and phyllite beds become more prominent down hole towards lower phyllite unit.	MT-Phy		5.0%	n			co	3
308.9	320.6	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries. Fine-grained siltstone and phyllite beds become more prominent down hole towards lower phyllite unit.	MT-SLT		10.0%	gy			co	3
308.9	320.6	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries. Fine-grained siltstone and phyllite beds become more prominent down hole towards lower phyllite unit.	MT-CO	pbl	20.0%	gy	qtz	80	co	3
308.9	320.6	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries. Fine-grained siltstone and phyllite beds become more prominent down hole towards lower phyllite unit.	QZVN		30.0%	w			co	3
308.9	320.6	Grey quartz pebble conglomerate grading semlessly to cg sandstone with very minor siltstone and trace phyllite. Conglomerate has an extremely high quartz pebble concentration (80% qtz pebbles, 1% fsp pebbles, 1% lithic clasts). Very, very abudnanty quartz veining ranging everywhere from 1mm to 80cm in width. Some sections brecciated. Quartz pebbles often host abundant pyrite. Stringers with abundant pyrite also wrap around quartz pebbles, exploiting grain boundaries. Fine-grained siltstone and phyllite beds become more prominent down hole towards lower phyllite unit.	MT-SS	cgr	35.0%	gy			co	3
320.6	338.35	Black phyllite interbedded with dark grey siltstone showing abundand defomrmation and folding features. Quartz and quartz-carbonate veining ranging from 1mm-1cm in width decreasing downhole but still containing pyrite. Minor bands of "smeared" pyrite along cleavage planes. Siltstone beds generally becoming thinner and less prominent downhole.	QZVN		5.0%	w			co	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
80	270	342					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
320.6	338.35	Black phyllite interbedded with dark grey siltstone showing abundand defomrmation and folding features. Quartz and quartz-carbonate veining ranging from 1mm-1cm in width decreasing downhole but still containing pyrite. Minor bands of "smeared" pyrite along cleavage planes. Siltstone beds generally becoming thinner and less prominent downhole.	MT-SLT		20.0%	gy			co	2
320.6	338.35	Black phyllite interbedded with dark grey siltstone showing abundand defomrmation and folding features. Quartz and quartz-carbonate veining ranging from 1mm-1cm in width decreasing downhole but still containing pyrite. Minor bands of "smeared" pyrite along cleavage planes. Siltstone beds generally becoming thinner and less prominent downhole.	MT-Phy		70.0%	n			co	3
338.35	342	Section that is dominantly quartz vein with clasts/small intervals of phyllite and minor mg sandstone	MT-SS	mgr	5.0%	gy			co	3
338.35	342	Section that is dominantly quartz vein with clasts/small intervals of phyllite and minor mg sandstone	MT-Phy		20.0%	n			co	3
338.35	342	Section that is dominantly quartz vein with clasts/small intervals of phyllite and minor mg sandstone. Reasonably abundant pyrite and arsenopyrite.	QZVN		75.0%	w			co	3

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
11.3	12	Clay within and surrounding gouge zones	cy	3	gouge	gy
11.3	32.9	Dustings of limonite and feo on fracture surfaces and within a few mm of fractures.	LIM	2	frac	o
11.3	12	Minor white sericite/white mica alteration particularly on and around some fracture surfaces.	ser	1	frac	w
12	16.5	Clay within and surrounding gouge zones	cy	1	gouge	gy
16.5	21	Clay within and surrounding gouge zones	cy	4	gouge	gy
21	25	Clay within and surrounding gouge zones	cy	1	gouge	gy
21	33.8	Minor white sericite/white mica alteration particularly on and around some fracture surfaces.	ser	1	frac	w
25	29.5	Clay within and surrounding gouge zones	cy	2	gouge	gy
29.5	31.4	Clay within and surrounding gouge zones	cy	3	gouge	gy
31.4	33.8	Limonite within fractures and in veining	LIM	2	frac	o
31.4	33.8	Clay within and surrounding gouge zones	cy	2	gouge	gy
33.8	36	Zone of almost completely fault gouge mixed with what looks to be clippings from caving into the hole.	cy	4	gouge	gy
36	37.1	Clay within and surrounding gouge zones	cy	2	gouge	gy
36	43.6	Minor white sericite/white mica alteration particularly on and around some fracture surfaces.	ser	1	frac	w
37.1	42.5	Clay within and surrounding gouge zones	cy	3	gouge	gy
42.5	43.6	minor intervals of clay seams.	cy	1	frac	gy
43.6	43.9		cy	4	gouge	gy
43.9	52.2	minor white clay on some fracture surfaces… kaolinite?	kln	2	frac	w
43.9	52.2	weak, white mica alteration on some fractures	ser	1	frac	w
43.9	52.2	dispersed fault gouge seams	cy	2	gouge	gy
52.2	53	Dark grey fault gouge	cy	4	gouge	gy
53	54	Abundant clay fault gouge containing phyllite clasts	cy	3	gouge	gy
53	54	very minor fault gouge seams	cy	1	gouge	gy
54	57.2	very minor fault gouge seams	cy	1	gouge	gy
54	57.2	Pale green to white sericite alteration along some fractures and at the selvages of some of the veining	ser	2	frac	gn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge:	Azimuth:	EOH:
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
57.2	62.5	Very abundant clay gouge intervals and minor clay alteration disseminated in more soild pieces of rock	cy	3	gouge	gy
57.2	66.15	very pale green to white sericite alteration particularly on fracture surfaces or in vein selvages.	ser	1	frac	g
57.2	62.5	very weak carbonate alteration surrounding some quartz-carbonate veining	cbt	1	vn	g
66.15	66.25	A mixture of pale green sericite alteration and carboante alteration surrounding white quartz-carbonate veins in a clay-altered zone with minor fault gouge	ser	3	vn	g
66.15	66.25	A mixture of pale green sericite alteration and carboante alteration surrounding white quartz-carbonate veins in a clay-altered zone with minor fault gouge	cbt	2	vn	g
66.15	66.25	A mixture of pale green sericite alteration and carboante alteration surrounding white quartz-carbonate veins in a clay-altered zone with minor fault gouge	cy	1	gouge	g
66.25	73.45	Weak pervasive white to grey clay alteration	cy	1	perv	gy
66.25	81.6	white to pale green sericite alteration particularly in association with fractures and veining but also along some phyllite horizons.	ser	1	vn	w
73.45	75.75	Some intervals of clay fault gouge.	cy	2	gouge	gy
81.6	84.25	Weak carbonate alteration within quartz-carbonate vein selvages	cbt	1	vn	gy
81.6	88.6	Minor grey to white clay alteration of the host rock	cy	1	perv	gy
81.6	84.25	Weak minor chlorite alteration associated with the sericite and contributing to the green colouration	chl	1	vn	g
81.6	84.25	Strong, pale green sericite alteration particularly strong surrounding veins and within the sandstone units which have a pervasive green colouration	ser	3	vn	g
84.25	84.25	Slight decrease in sericite alteration might simply be an illusion due to the strong oxidation.	ser	2.5	vn	g
84.25	84.25	red to orange hemitite and limonite oxidation of the sandstone unit and veining	LIM	3	perv	o
88.6	103.15	red to orange hemitite and limonite oxidation of the sandstone unit and veining	LIM	1	frac	o
88.6	89.2	grey clay fault gouge	cy	3	gouge	gy
89.2	138.15	white to pale green sericite throughtout the rock but more apparent/common around veining and fractures	ser	1	frac	g
89.2	89.2	Pale green coloured sandstone with sericite and chlorite alteration pervasively througout	ser	2	perv	g
89.2	89.2	Pale green coloured sandstone with sericite and chlorite alteration pervasively througout	chl	2	perv	g
97	100	weak but pervasive silicificaiton of the unit	SIL	1	perv	gy
99	124.5	buff to orange fecb replacement of feldspar pebbles and grains… intesnsifies around some fractures and veining	fecb	2	smgr	bf
103.15	103.15	Fracture and vein controlled but also disseminates outwards from these points of intensity	LIM	2	frac	o
117.7	121.15	Rare seams of fault gouge… abundant indications of deformation including disrupted and brecciating veining.	cy	1	gouge	gy
118.2	138.15	white clay (possibly kaolinite?) on many of the fracture surfaces. Very rare gouge seams (picked out in point structure)	cy	1	frac	w
124.5	138.15	Buff to white, almost complete fe-carbonate and clay replacement of feldspar pebble clasts.	cy	2	smgr	w
124.5	138.15	Buff to white, almost complete fe-carbonate and clay replacement of feldspar pebble clasts.	fecb	3	smgr	bf
128.7	130.05	Abundant intervals of clay gouge	cy	2	gouge	gy
138.15	140.05	dark grey to black clay fault gouge and clay as a breccia matrix.	cy	3	gouge	gy
140.05	147.52	minor sericite alteration throughout the rock	ser	1	perv	w
140.05	147.52	clay breccia matrix and fracture coating	cy	2	gouge	gy
140.05	147.52	white, waxy clay coating on some fracture surfaces… Kaolinite?	cy	1	frac	w
143	147.52	white to buff fe-carbonate alteration of feldspar clasts in the sandstone	fecb	2	smgr	bf
147.52	160.5	Concentrated along some vein boundaries and along some of the more coarse-grained beds.	ser	1	vn	g
147.52	164.5	Very minor carbonate alteration along some quartz-carbonate veinlets.	cbt	0.5	vn	w
159.25	159.3	Interval with abundant grey clay fault gouge	cy	3	gouge	gy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge:	Azimuth:	EOH:
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From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
160.6	174.25	Concentrated in and around quartz veining and disseminated in sandstone beds.	ser	2	vn	g
162.65	174.25	white to buff fe-carbonate alteration of feldspar clasts in the sandstone	fecb	2	smgr	bf
164.5	171.94	grey to white fault gouge and fracture coatings (some possible kaolinite)	cy	3	gouge	gy
174.25	180	grey to white to black fault gouge with abundant euhedral pyrite cubes> Faulted contact between phyllite and sandstone.	cy	4	gouge	gy
180	206.35	feldspar grains and pebbles show strong fecb and clay replacement.	fecb	2	smgr	bf
180	203.2	Most fractures and some of the rock altered to a waxy to dusty white clay, kaolinite?	cy	3	frac	w
180	206.35	Intervals of faulting accompanied by grey fault gouge	cy	1	gouge	gy
189.6	206.35	Minor white mica/sericite alteration around some veining, scattered irregularly through host rock and on some fracture surfaces.	ser	1	vn	w
200.2	201.65	weak to moderate quartz flooding associated with extremely abundant quartz veining.	SIL	1	vn	w
206.35	208.9	Black to dark grey clay fault gouge	cy	3	gouge	n
206.35	211.75	white clay alteration of feldspars	cy	1	diss	w
211.75	212.75	white clay alteration of feldspars	cy	2	diss	w
211.75	212.75	white to buff carbonate alteration of feldspars	fecb	2	smgr	w
212.75	219.2	white clay alteration of feldspars	cy	1	diss	w
213	216	White dusty to waxy clay on fracture surfaces… kaolinite?	kln	2	frac	w
216	216.6	Black to dark grey clay fault gouge	cy	4	gouge	n
218.8	219.2	Black to dark grey clay fault gouge	cy	3	gouge	n
219.2	220.65	Strong buff to white clay and carbonate alteration of feldspars	fecb	3	smgr	bf
219.2	220.75	Buff carbonate alteration in bands around veining.	cbt	2	vn	bf
219.2	220.65	Strong buff to white clay and carbonate alteration of feldspars	cy	3	smgr	w
220.75	221.3	Black to dark grey clay fault gouge	cy	2	gouge	n
221.3	293.15	white clay alteration of feldspars	cy	1	diss	w
223	290.42	Buff carbonate alteration in bands around veining.	cbt	1	vn	bf
225.45	225.5	Black to dark grey clay fault gouge	cy	3	gouge	n
225.91	219.2	white clay alteration of feldspars	cy	1	diss	w
228	229.8	rare minor intervals of clay fault gouge	cy	1	gouge	gy
228	244.5	White waxy to dusty clay abundant on fracture surfaces and, to a certain extent, disseminated throughout the rock. Kaolinite?	kao	2	frac	w
228	229.8	several zones of black to dark grey clay fault gouge and crackled zones with clay filling the fractures.	cy	2	gouge	n
232.4	241.6	weak disseminated white mica/sericite alteration	ser	1	diss	w
255.15	261	White waxy to dusty clay abundant on fracture surfaces and, to a certain extent, disseminated throughout the rock. Kaolinite?	kao	2	frac	w
265.45	288.5	buff to white dusty replacement of feldspar clasts.	fecb	2	smgr	bf
267	288.15	weak to moderate silicification associated with abundant quartz veining.	SIL	1.5	diss	gy
290.42	291	Pale green sericite-chlorite alteration within and surrounding quartz-carbonate veining in phyllite.	chl	3	vn	g
290.42	291	Pale green sericite-chlorite alteration within and surrounding quartz-carbonate veining in phyllite.	ser	3	vn	g
291	303.5	weak disseminated quartz flooding associated with abundant quartz veining.	SIL	0.5	diss	gy
293.15	303.5	Strong grey to waxy white clay alteration of feldspar clasts and on fracture surfaces… likely some kaolinite.	cy	2.5	diss	w
303	304.8	Pale green sericite alteration moderate to strong dominantly affecting the sandstone beds.	ser	3	diss	g
303	304.8	week green chlorite alteration in sandstone beds	chl	1	diss	g
303.5	342	weak to trace grey to waxy white clay alteration of feldspar clasts and on fracture surfaces… likely some kaolinite.	cy	1	diss	w

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
315.3	325	Weak pale green to white sericite alteration… concentrated in siltstone and sandstone beds.	ser	1	diss	w
338.35	342	Quartz flooding from abundant quartz veining.	SIL	2	diss	w
338.75	339.5	Minor fault gouge	cy	2	gouge	gy

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
11.3	12	FZ	200.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
12	16.5	FZ	100.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
16.5	21	FZ	400.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
21	25	FZ	100.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
25	29.5	FZ	200.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
29.5	31.4	FZ	300.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
31.4	33.8	FZ	200.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
33.8	36	FZ	400.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
36	37.1	FZ	100.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
37.1	42.5	FZ	300.0%	BFZ	Wide zone of brittle faulting with frequent large intervals of clay gouge. Variable intensities over the whole fault zone.
42.5	43.5	FZ	100.0%	BFZ	Tapering out of the fault zone… still narrower gouge zones present but much more competent rock
43.9	52.2	FZ	200.0%	BFZ	Zone with reasonably abundant fault gouge seams
45.5	43.9	FZ	400.0%	BFZ	Thin fault gouge zone
52.2	53	FZ	400.0%	BFZ	Completely grey clay gouge
54	54.8	FZ	200.0%	BFZ	fragmented brecciating fault zones cemented by grey clay fault gouge
57.2	62.5	FZ	300.0%	DBSZ	Very abundant fault gouge… preserved fragments show intense folding/shearing of quartz veins (textural features of phyllite mostly destroyed already) This leads me to think that this may be a ductile shear zone or fold hinge that has been reactivated as a brittle fault later in its life
62.5	66.15	QZVN	300.0%	BFZ	Abundant quartz-carboante tension veining with minor clay fault gouge… possible. Folded bedding shows presence of ductile freatures… but it is unclear if this folding is related to the localisation of the fault and veining as it is relatively open and gentle.
73.45	75.75	FZ	100.0%	BFZ	Zone with broken up core and minor intervals of clay fault gouge
81.9	87.4	QZVN	300.0%	DBSZ	Brittle-ductile quartz-vein rich zone where veining and hostrock is folded, partially brecciated in places ad shows minor brittle fault intervals
88.55	89.2	FZ	200.0%	BFZ	Fault gouge with some fault fill veining
92.2	93.9	QZVN	200.0%	BFZ	Vuggy quartz veining with carbonate and feo lining vugs…. Possible ductile component now overprinted by the brittle features.
93.9	96	SZ	200.0%	DBSZ	Brittle-ductile shear zone with folding and pervasive stretching of veining and reorienting of bedding
96	103.2	QZVN	100.0%	DBSZ	Abundant quartz veining showing folding/shearing and brittle vuggyness and brecciating features.
109.85	110.8	FZ	100.0%	BFZ	blocky fractured core with some clay fault gouge and some fault filling quartz veining/.
118.9	121.1	QZVN	100.0%	BFZ	Rare seams of fault gouge… abundant indications of deformation including disrupted and brecciating veining.
128.7	130.05	FZ	200.0%	BFZ	Abundant intervals of clay fault gouge and clay filled fractures/veinlets
138	141.5	FZ	400.0%	BFZ	Black to grey clay fault gouge.
141.5	144.55	QZVN	400.0%	bx	Quartz-vein-breccia cemented with grey clay and pyrite and lesser arsenopyrite. Clast supported 90% quartz vein fragments ranging in size from 1mm-2cm.
144.55	147.52	FZ	300.0%	bx	Abundant gouge and brecciation by quartz veining. Still abundant pyr and asp.

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From	To	Mineral	Intensity	Distribution	Comments
151.8	153	SZ	300.0%	DSZ	Abundant folding and shear structures… possible interval of mylonitization from 152.3-152.4m
159.25	159.3	FZ	300.0%	BFZ	Clay-fault gouge
164.5	171.94	FZ	300.0%	BFZ	fragmented core with abundant clay fault gouge and clay alteration. Intact fragments show abundant micro-faulting and occasionally look almost brecciated.
174.25	180	FZ	300.0%	BFZ	fragmented core with abundant clay fault gouge and clay alteration. Intact fragments show abundant micro-faulting and occasionally look almost brecciated.
180	181.55	QZVN	200.0%	BFZ	Abundant crackle netweork of quartz veining ranging from 10cm to 1mm in size and oriented every which way
181.55	182.3	FZ	200.0%	BFZ	Heavily fragmented core with abundant clay fault gouge
182.3	184.75	QZVN	200.0%	BFZ	Abundant crackle netweork of quartz veining ranging from 10cm to 1mm in size and oriented every which way
184.75	185.85	FZ	200.0%	BFZ	Heavily fragmented core with abundant clay fault gouge
189.6	191.5	QZVN	200.0%	BFZ	Abundant crackle netweork of quartz veining ranging from 10cm to 1mm in size and oriented every which way
191.5	192.4	FZ	200.0%	BFZ	Heavily fragmented core with abundant clay fault gouge
200	203.1	QZVN	200.0%	DBSZ	Very abundant quartz and quartz carbonate crackle vein network along with abundant tension veining.
206.35	208.9	FZ	300.0%	BFZ	Abundant black clay fault gouge and rubbly core
208.9	216	SZ	300.0%	DSZ	Extremely sheared phyllite with smeared/sheared pyrite bands tight folding pinch and swell veins
216	216.6	FZ	400.0%	BFZ	Completely, sludge-like black clay fault gouge
216.6	218.8	SZ	300.0%	DSZ	Extremely sheared phyllite with smeared/sheared pyrite bands tight folding pinch and swell veins
218.8	219.2	FZ	300.0%	BFZ	Abundant black clay fault gouge and rubbly core
219.2	220.75	FZ	100.0%	BFZ	rubbly core and minor fault gouge
220.75	221.3	FZ	200.0%	BFZ	rubbly core and minor fault gouge
221.3	225.45	SZ	300.0%	DSZ	Extremely sheared phyllite with smeared/sheared pyrite bands tight folding pinch and swell veins
225.45	225.45	FZ	300.0%	BFZ	Abundant black clay fault gouge and rubbly core
228	229.8	FZ	100.0%	BFZ	several zones of black to dark grey clay fault gouge and crackled zones with clay filling the fractures.
232.4	241.6	QZVN	300.0%	bx	Extremely abundant brecciating quartz veins with abundant pyrite and arsenopyrite.
241.6	244.5	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
245.5	246	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
249.5	249.6	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
251.7	252.2	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
255.15	256	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
256	257	QZVN	300.0%	bx	Extremely abundant brecciating quartz veins with abundant pyrite and arsenopyrite.
257	259.3	FZ	300.0%	BFZ	Faulted zone with very abundant clay fault gouge
267.55	269.95	FZ	100.0%	BFZ	Rubbly fault zone with fault-filling quartz veining and minor clay gouge
276.2	278.25	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.
278.25	282.15	QZVN	100.0%	BFZ	Same as above but less veining
282.15	286.1	QZVN	200.0%	BFZ	Increase in veining again
290.42	291.85	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.
293.15	295.9	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
	Plunge:	Azimuth:	EOH:				
	80	270	342				

From	To	Mineral	Intensity	Distribution	Comments
295.9	297.9	QZVN	100.0%	BFZ	Same as above but less veining
297.9	303.55	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.
308.9	315.3	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.
315.3	316.5	QZVN	100.0%	BFZ	Same as above but less veining
338.35	338.75	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.
338.75	339.5	FZ	200.0%	BFZ	Rubbly fault zone with fault-filling quartz veining and minor clay gouge
339.5	342	QZVN	300.0%	BFZ	Very abundant stockwork quartz veining ranging from 1mm-10cm in idth and containing abundant pyrite and arsenopyrite. Some intervals that are essenially a breccia.

Mineralisation

From:	To:	Comments	Mineral	Percent	Distribution
11.3	43.3	No visible fresh sulfides minor limonite and other feo that may be the product of sulfide oxidation as well as some fracture surfaces with bright orange to red colouration that may be the result of minor orpiment and realgar	rea	0.1	frac
11.3	43.3	No visible fresh sulfides minor limonite and other feo that may be the product of sulfide oxidation as well as some fracture surfaces with bright orange to red colouration that may be the result of minor orpiment and realgar	orp	0.1	frac
11.3	43.3	No visible fresh sulfides minor limonite and other feo that may be the product of sulfide oxidation as well as some fracture surfaces with bright orange to red colouration that may be the result of minor orpiment and realgar	lim	1	frac
43.3	45	First appearance of some minor fresh pyrite… mostly within thin veinlets but also trace disseminated along some beds/cleavage planes. Only trace limonite and no visible realgar.	py	0.2	vn
43.3	55	First appearance of some minor fresh pyrite… mostly within thin veinlets but also trace disseminated along some beds/cleavage planes. Only trace limonite and no visible realgar.	lim	0.01	frac
45	46.85	Increase in pyrite finely disseminated along some beds and within thin veinlets	py	0.8	diss
46.85	55	Minor pyrite within veining with lesser pyrite disseminated along some beds or cleavage planes	py	0.1	vn
55	57.2	Increase in pyrite dominantly within thin veinlets but also minor disseminated	py	0.5	vn
57.2	60.5	Minor dispersions of fg to mg euhedral pyrite within fault gouge and quartz-carbonate veining	py	0.1	gouge
60.5	61.65	fg dispersions of pyrite to mg euhedral cubes all throughout the faulted zone in this interval including abundant vein controlled pyrite.	py	2	gouge
61.65	66.45	fg to rare euhedral cubic pyrite within white quartz and quartz carbonate veinng and tension veining. Lesser pyrite dispersed along bedding/cleavage planes (possible microfractures exploiting planes of weakness?)	py	0.5	vn
66.45	69.7	Very minor to trace pyrite in rare veining and disseminated along bedding/cleavage planes (microfractures?)	py	0.01	vn
69.7	83.4	finely disseminated and vein pyrite some of which is euhdral cubic.	py	0.5	diss
80.8	81	Scarlet mineral with a scarlet streak on fractures within quartz veining.	cin	0.5	vn
83.4	84.5	trace cinnabar in some veining	cin	0.01	vn
83.4	87	Throughout the rock but intensifying around veining and fracturing	hem	5	vn
83.4	89.2	minor pyrite… most is likely oxidized to hematite.	py	0.1	vn
87	89.2	Hematite within and surrounding fractures	hem	0.5	frac
89.2	97.1	Hematite within and surrounding fractures some still showing ubic pseudomorphic shape of pyrite	hem	5	frac
89.2	100	Combination of vein/vein selvage and lesser disseminated pyrite	py	0.5	vn
97.1	99.1	Trace magnetic pyrrhotite	po	0.01	vn

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

From:	To:	Comments	Mineral	Percent	Distribution
97.1	103.15	Hematite within and surrounding fractures	hem	0.5	frac
100	103	Dominantly within veining and disseminated, particularly clinging to pebbles.	py	2	vn
103	104	Dominantly within veining and disseminated, particularly clinging to pebbles.	py	0.1	vn
104	110.8	Dominantly within veining and disseminated, particularly clinging to pebbles.	py	1	vn
110.8	115.1	Dominantly within veining and disseminated, particularly clinging to pebbles.	py	0.2	vn
115.1	120.2	Within quartz, quartz-carbonate veining and cleavage, parallel <1mm veinlets	py	1	vn
115.1	117	Within quartz veining with ~10-15 CA	po	0.1	vn
117	121.55	rare pyrite within some quartz and quartz-carbonate veining	py	0.05	vn
121.55	126.2	Arsenopyrite within quartz veining	asp	0.1	vn
126.2	130.05	Within quartz, quartz-carbonate veining and in vein selvages. Lesser pyrite in thin veinlets/stringers (<1mm)	py	0.5	vn
130.05	135	Predominantly within quartz veining and in microfractures	py	0.1	vn
135	138.15	Predominantly within quartz veining and in microfractures	py	1	vn
138.15	141.5	Abundant euhedral pyrite cubes disseminated throughout the gouge and the more competent fragments of quartz veined phyllite.	py	4	gouge
141.5	141.9	Within breccia matrix	asp	3	bx
141.5	141.9	within breccia matrix	py	10	bx
141.9	148.4	Within breccia matrix, stringers and quartz veins	asp	3	bx
141.9	148.4	Within breccia matrix, stringers and quartz veins	cpy	0.01	bx
141.9	148.4	Within breccia matrix, stringers and quartz veins	py	7	bx
148.4	149	within quartz veining, stringers and their selvages	py	2	vn
148.4	149	Subhedral sphalerite in quartz veining	sph	0.1	vn
148.4	149	within quartz veining, stringers and their selvages	asp	1	vn
149	159.9	Disseminated mostly concentrated in siltstone, and sandstone beds as euhedral cubes	py	1	diss
149	159.9	Within quartz and some quartz-carboante veins and their selvages	py	3	vn
159.9	174	Within quartz and some quartz-carboante veins and their selvages	py	0.2	vn
159.9	174	Disseminated as euhedral cubes	py	0.2	diss
174	177.4	associated with carbonate in a large quartz vein	asp	0.1	vn
174	177.4	Euhedral cubes in gouge, disseminated in intact fragments and in veining	py	1	gouge
177.4	180	Disseminated as euhedral cubes in gouge.	py	5	gouge
177.4	180	Disseminated within gouge, particuarl concentrated at edges of fault ing and where phyllite and sandstone contact.	asp	1	gouge
180	180.5	euhedral sphalerite within quartz vein	sph	0.12	vn
180	196.3	Within quartz and quartz-carbonate veining	py	2	vn
180	208.9	Disseminated throughout the sandstone… possibly distributed along microfracture system	py	1	diss
180	181.32	within quartz veining and vein selvages	asp	1	vn
180.5	188.6	trace arsenopyrite within and around quartz veining.	asp	0.01	vn
188.6	191.5	arsenopyrite in and around veining and in sulfide stringers	asp	0.1	vn
191.5	199.5	trace arsenopyrite within and around quartz veining.	asp	0.01	vn
196.3	208.9	Within quartz and quartz-carbonate veining	py	5	vn
198	198.8	Dominantly within thin sulfide stringers	asp	10	vn
199.5	202	arsenopyrite in and around veining and in sulfide stringers	asp	0.5	vn

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From:	To:	Comments	Mineral	Percent	Distribution
202	206	arsenopyrite in and around veining and in sulfide stringers	asp	0.1	vn
208.9	211.75	smeared/sheared and folded vfg pyrite blebs and bands	py	10	fol
208.9	211.75	pyrite within qtz, qtz-crb and sulfide stringers	py	5	vn
211.75	212.75	Much less sulfide content dominantly in veining buta lso minor disseminated (controlled by microfractures?)	py	0.5	vn
211.75	212.75	Much less sulfide content dominantly in veining buta lso minor disseminated (controlled by microfractures?)	py	0.1	diss
212.75	225.5	smeared/sheared and folded vfg pyrite blebs and bands	py	10	fol
212.75	232.4	pyrite within qtz, qtz-crb and sulfide stringers	py	5	vn
225.5	232.4	smeared/sheared and folded vfg pyrite blebs and bands	py	5	fol
232.4	241.6	Within veining, vein selvages and breccia matrix as well as lesser disseminated in sandstone likely distributed by microfracturing.	py	8	vn
232.4	241.6	Within veining, vein selvages and breccia matrix as well as lesser disseminated in sandstone likely distributed by microfracturing.	asp	8	vn
241.6	244.5	disseminated in the gouge… hard to see so may be an uderestimation	asp	0.5	gouge
241.6	244.5	disseminated in the gouge… hard to see so may be an uderestimation	py	1	gouge
244.5	255.15	dominantly within veining and vein selvages some specks in gouge.	asp	0.01	vn
244.5	253	Within veining, vein selvages and breccia matrix	py	5	vn
244.5	253	smeared/sheared and folded vfg pyrite blebs and bands	py	5	fol
253	315.3	smeared/sheared and folded vfg pyrite blebs and bands	py	2	fol
253	291	Within veining, vein selvages and breccia matrix	py	2	vn
255.15	261.1	Within veining, vein selvages and breccia matrix as well as lesser disseminated in sandstone likely distributed by microfracturing.	asp	2	vn
261.1	275	trace arsenopyrite in quartz veining, associated with pyrite	asp	0.01	vn
275	286	Within veining, vein selvages and breccia matrix as well as lesser disseminated in sandstone likely distributed by microfracturing.	asp	1	vn
276	277.5	Within quartz veining associated with pyrite and asp	sl	0.5	vn
286	297.9	trace arsenopyrite in quartz veining, associated with pyrite	asp	0.01	vn
291	303.55	Within veining, vein selvages and breccia matrix	py	5	vn
297.9	303.55	Within veining, vein selvages and breccia matrix as well as lesser disseminated in sandstone likely distributed by microfracturing.	asp	2	vn
303.55	342	Within veining, vein selvages and breccia matrix	py	2	vn
308.9	315.3	Within veining, vein selvages and breccia matrix	asp	0.2	vn
315.3	342	smeared/sheared and folded vfg pyrite blebs and bands	py	1	diss
320	342	Within abundant quartz veining associated with pyrite.	asp	0.5	vn

Point Structure

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
14	Cleavage	4	S1			50			Pervasive slaty cleavage of phyllite.
16.5	Cleavage	17	Sx			40			space cleavage domains.
23	Bedding	46	So			20			Thin mm beds of silt within the phyllite
23.5	Veins	38		qtz	SHTV	40			vuggy qtz-feo veinlets of 2mm in width.
36.2	Bedding	46	So			45			
36.3	Cleavage	38	S1			50			
43	Veins	38		py		10			<1mm pyrite bearing veinlet
43.85	Faults	38		cy		45			gouge zone
46.25	Veins	38		qtz		55			2mm white quartz vein with abundant small scale tigmatic folding around S1
46.3	Cleavage	4	S1			40			
56.3	Fold axes	19	F2			50			Folded and crenulated cleavage
58.5	Veins	38		cbt	SHTV	60			white quartz-carboante veinlets disrupted by the brittle faulting.
63.5	Bedding	46	So			70			
63.7	Veins	38		cbt	SHTV	70			White quartz carbonate veins ranging in size from 1-3 mm
63.9	Veins	38		cbt	TVA	10			opening direction 80CA… look to splay off of the 70CA vein set. White quartz carbonate tension veins. 1cm at thickest portion of vein tapering to nothing
65.8	Veins	38		cbt		60			boudinaged/pinch and swell white quartz-carboante vein
66.15	Fold axes	19	Fx			5			parasitic folding of bedding.
66.3	Veins	38		cbt	TVA	20			Tension vein array splaying off of fault zone… abundant pale green sericite-carbonate alteration in selvage and, to certain extent, within the vein proper
66.7	Bedding	46	So			30			
70.2	Veins	38		qtz	SHTV	50			Quartz veining containing pyrite, parallel to bedding
70.5	Bedding	46	So			50			
76	Bedding	46	So			55			
81.9	Veins	38		qtz	Open	30			Vuggy quartz vein with cinnabar
83.6	Veins	38		qtz	Open	30			Vuggy quartz vein with cinnabar
91.1	Bedding	46	So			50			
98.5	Veins	38		qtz	SHTV	45			White quartz veins showing folding. Minor pyrite and trace pyrrhotite
103	Cleavage	4	S1			60			
103	Bedding	46	So			50			
106.2	Veins	38		qtz	Open	50			White, vuggy quartz veins with cbt and feo in the vugs
113.9	Cleavage	4	S1			40			
116.3	Veins	38		qtz	SHTV	15			Pyrrhotite-bearing quartz vein (2-5mm width)
116.6	Veins	38		qtz	SHTV	40			pyrite bearing white quartz veins… wavy irregular to edge-blurring cut the shallow angle pyrrhotite-bearing veining… displacing them by a few mm. (5mm width)
117.5	Veins	38		cbt		10			carbonate vein with lesser quartz and abundant pyrite. (2-3mm)
117.8	Faults	38		cy	Gouge	30			thin, 0.5cm, seam of fault gouge
118	Veins	38		qtz	SHTV	50			thin (<1mm) Qtz-carbonate-pyrite veinlets/stringers exploiting the cleavage.
118.05	Cleavage	4	S1			50			
118.9	Faults	38		cy	Gouge	5			thin, 1mm, seam of fault gouge

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
120.6	Faults	38		cy	Gouge	50			2cm wide seam of fault gouge
120.9	Faults	38		cy	Gouge	70			10cm wide seam of fault gouge with 3cm-wide fault-filling quartz vein.
121.7	Veins	38		qtz		10			2cm wide quartz vein with 1% asp concentrated near the edge of the vein
122.7	Veins	38		qtz		50			6 cm wide quartz fault-fill vein with abundant (5%) pyrite and arsenopyrite
123.3	Veins	38		qtz	SHTV	60			Vuggy pyrite, bearing quartz vein set. 3-6mm
123.35	Veins	38		qtz	SHTV	40			quartz veining with up to 5% arsenopyrite
135.5	Veins	38		qtz		35			pyrite bearing, edge-blurring quartz vein (almost invisible in the quartz pebble conglomerate… partially due to a quartz-flooding selvage)
143.3	Veins	38		qtz	SHTV	30			white quartz carbonate vein with pyrite and arsenopyrite. 3mm wide
143.6	Veins	38		asp	SHTV	55			arsenopyrite stringers.
146.9	Veins	38		asp	SHTV	30			arsenopyrite stringers.
147.1	Veins	38		asp	SHTV	60			arsenopyrite stringers.
147.9	Veins	38		qtz	SHTV	20			Minor pyrite. Cuts the quartz vein that is at ~40CA at same location displaces it by 1 cm
147.9	Veins	38		qtz	SHTV	40			Cut by the quartz vein that is at 20 CA and is displaced by it by ~1 cm. Pyrite bearing.
148.65	Veins	38		qtz	SHTV	35			pyrite and sphalerite bearing quartz vein
152	Veins	38		qtz	SHTV	10			folded quartz veining with some euhedral pyrite… range from 2mm to 3cm in width
152.05	Fold axes	18	F1			35			
152.15	Fold axes	79	Fx			80			
152.3	Cleavage	17	Sx			55			Shear zone… some possible mylonitization
152.8	Fold axes	19	F2			15			assymetrical, tight folding of bedding, thin quartz veining and cleavage
152.8	Veins	38			SHTV	70			Bedding parallel quartz veinig with abundant euhedral pyrite cubes
154.55	Faults	38			Gouge	50			thin, 2mm, clay fault gouge
154.6	Bedding	46	So			70			
154.6	Bedding	46	So			50			
156	Veins	38				70			Cut and displaced approx 5mm by vein at 45CA… Quartz-carboante-pyrite vein
156	Veins	38				45			Quartz-carboante-pyrite vein. Cuts and displaces vein at 70CA by approx 5mm
156.5	Veins	38			SHTV	70			Sheeted pyrite-rich veinlets parallel to bedding/cleavage
159.3	Faults	38			Gouge	60			Fault gouge
160.7	Veins	38		qtz		20			qtz-sericite veins with some minor carbonate and pyrite. Irregular parasitic folding.
162.4	Bedding	46	So			80			
163.5	Veins	38		qtz		20			Sub-parallel quartz vein set with minor pyrite, size ranges from 1mm-2cm.
174.55	Faults	38				45			microfault
174.56	Fold axes	79	Fx			70			
175.3	Bedding	46	So			50			
176.85	Veins	38		qtz		35			Large (10cm) quartz vein with minor carbonate and arsenopyrite.
177.2	Veins	38		qtz		10			Quartz vein with minor carboante and pyrite cut by a series of sheeted quartz-carbonate veins (CA 50)
177.25	Veins	38		qtz	SHTV	50			quartz-carbonate veining with minor sulfides cut and slightly displace the quartz vein at CA10. range from 2-5mm
180.6	Veins	38		qtz	STWK	35			Dominant veining direction in the stockworked, crackle vein network. Up to 20% carbonate.
181.5	Veins	38		qtz	Open	50			vuggy quartz-carbonate vein with pyrite and arsenopyrite

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Plunge: 80 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
184.7	Veins	38		qtz	SHTV	30			Series of quartz veins ranging from 5mm to 10cm in width and containing pyrite and trace arsenopyrite.
188.65	Bedding	46	So			60			
189.8	Veins	38		qtz		5			Quartz vein containing arsenopyrite and pyrite 5cm wide,
193.15	Bedding	46	So			60			
193.2	Cleavage	4	S1			20			
194.7	Bedding	46	So			50			
197.1	Veins	38		qtz	SHTV	35			Quartz carbonate vein with abundant (5-10%) pyrite
197.15	Bedding	46	So			90			
197.2	Cleavage	4	S1			70			
197.3	Veins	38		cbt	SHTV	65			carboiante veining with minor pyrite and asp
199.75	Veins	38		qtz	SHTV	10			Dominant quartz veining direction in crackle vein network… pyrite and minor asp
199.8	Faults	38				40			Cuts and displaces the quartz veining by approx 5mm
200.65	Veins	38		qtz	SHTV	30			quartz veinlet/stringer with pyrite and poss minor asp
200.7	Veins	38		qtz	SHTV	5			quartz carbonate vein with minor pyrite
202.3	Cleavage	4	S1			50			
203	Veins	38		qtz	SHTV	40			fault-fill quartz-carbonate vein
203.05	Veins	38		qtz	SHTV	50			fault-fill quartz-carbonate vein
203.1	Veins	38		cbt	TVA	5			Tension veining array with 40 opening direction
203.6	Bedding	46	So			60			
209.7	Cleavage	4	S1			45			
209.75	Bedding	46	So			75			
211.75	Bedding	46	So			55			
213.1	Bedding	46	So			60			
213.15	Veins	38		py	SHTV	60			smeared pyrite bands
217.5	Veins	38		cbt		90			planar quartz-carbonate vein 3cm wide
217.55	Veins	38		cbt	SHTV	80			folded quartz-carbonate veining 5-7mm wide
217.6	Fold axes	79	Fx			15			
219.4	Bedding	1	So			65			Bedding upright… fining upwards.
220.15	Cleavage	4	S1			50			
220.2	Veins	38			SHTV	50			qtz-crb-pyr veinlets
220.25	Bedding	46	So			80			
224.7	Veins	38		cbt		30			folded, crb-pyr vein
224.75	Bedding	46	So			80			
224.8	Cleavage	4	S1			75			
224.95	Cleavage	4	S1			40			
225	Bedding	46	So			70			
229.2	Bedding	46	So			85			
229.25	Veins	38		cbt		30			Dominant veining direction. Quartz carbonate veining with pyrite.

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
230.85	Veins	38		cbt	SHTV	40			quartz carbonate veining with minor pyrite cut by vein at almost 90degrees to it (30CA) with more abundant pyrite
230.9	Veins	38		cbt	SHTV	30			Quartz carbonate vein with pyrite. Cuts and minorly displaces other vein set.
231.45	Bedding	46	So			75			
231.46	Faults	38				75			repeated microfaulting of sulfide-rich qtz-carbonate stringers
231.5	Veins	38		qtz	SHTV	45			5mm-1cm quartz-carbonate veins with pyrite fragments of phyllite.
231.55	Veins	38		py	SHTV	25			Thin pyrite-rich microfaulted quartz-carbonate veinlets
234.1	Veins	38		asp	bx matrix	5			brecciating veinlets with abundant pyrite and arsenopyrite
234.4	Veins	38		qtz	bx matrix	40			Abundant vuggy quartz-carbonate veins with abundant arsenopyrite and pyrite.
245.1	Veins	38		py		50			smeared pyrite bands
245.15	Faults	38		cbt		40			microfault filled by carbonate… cuts off other veining and bedding
246.25	Fold axes	18	F1			35			folding same quartz vein. Isoclinal fold
246.3	Fold axes	19	F2			60			folding same quartz vein. Open fold
247.45	Fold axes	18	F1						Almost isoclinal fold of bedding
248	Bedding	46	So			70			short limb (ratio 1:2)
248	Fold axes	19	F2			70			Tight assymetric fold shown by bedding.. Limb length ratio is 1:2
248	Bedding	46	So			60			Long/dominant limb (ratio 1:2)
251.3	Fold axes	18	F1			50			tight small-scale parasitic folding of the bedding with a strong axial cleavage developed.
251.3	Cleavage	4	S1			50			tight small-scale parasitic folding of the bedding with a strong axial cleavage developed.
254.25	Veins	38		cbt		15			Carbonate-quartz vein (2cm wide). Cuts off pyrite stringer.
254.3	Veins	38		py	SHTV	75			pyrite stringer
254.6	Veins	38		cbt	SHTV	10			quartz-carbonate vein, 3 cm wide. Pyrite.
254.65	Veins	38		qtz	SHTV	70			Quartz vein cutting above qtz-cbt vein.
255	Veins	38		py	FOL	60			smeared pyrite bands
255	Cleavage	4	S1			60			
259.3	Bedding	46	So			80			
262.65	Veins	38		qtz	SHTV	40			tightly repeatedly folded by small scale tigmatic folds… almost looks crenulated. 5% pyrite.
263.45	Veins	38		qtz	SHTV	15			1cm-wide quartz vein with up to 2% pyrite cuts off 45CA pyrite-rich stringer
263.46	Veins	38		py	Veinlets	45			Thin pyrite-rich quartz veinlet cut and displaced out of core by large 15CA quartz vein.
263.9	Cleavage	4	S1			85			
263.91	Bedding	46	So			70			
265.5	Veins	38		qtz	SHTV	30			3mm wide quartz vein that cuts 15CA quartz vein
265.51	Veins	38		qtz	SHTV	15			5mm wide quartz veining that is cut by 30CA quartz vein
266	Veins	38		py	Veinlets	80			Thin pyrite-rich stringer
267.4	Bedding	46	So			70			
272.85	Veins	38		py	Veinlets	75			Thin pyrite-rich stringer
273.1	Veins	38		qtz	SHTV	40			2-5mm quartz veining
275.75	Bedding	46	So			80			upper limb
275.79	Cleavage	4	S1			60			
275.8	Fold axes	18	F1			60			

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
275.85	Bedding	46	So			35			lower limb
276.6	Veins	38		qtz	STWK	25			Dominant quartz veining direction in stockwork vein system abundnat pyrite and arsenopyrite
276.8	Veins	38		qtz	STWK	20			Second most dominant quartz veining direction in stockwork vein system abundnat pyrite and arsenopyrite
276.81	Veins	38		qtz	STWK	20			Dominant quartz veining direction in stockwork vein system abundnat pyrite and arsenopyrite
279.3	Veins	38		qtz	SHTV	20			1cm wide quartz vein.
279.35	Veins	38		qtz	SHTV	25			1cm wide quartz vein. Abundant pyrite and aspy. (opposite direction to the vein at 279.3)
284	Veins	38		qtz	SHTV	35			small qtz vein with some pyrite that is displaced by microfaulting at 45mm by approx 5mm.
284.01	Faults	38				45			small microfault that displaces veining at 35CA
288.4	Fold axes	19	F2			70			small parasitic folding of bedding and cleavage
288.6	Cleavage	4	S1			15			small wavy folding of bedding almost perpendicular to the folding above… axial planar cleavage
288.61	Bedding	46	So			80			
289.8	Cleavage	4	S1			60			
289.82	Bedding	46	So			30			
289.83	Veins	38		py	SHTV	40			thin, pyrite-roich stringer disrpted by microfaulting 1mm and less… width varies across length.
289.85	Veins	38		qtz	SHTV	70			3mm wide quartz vein cut off by the pyrite-rich stringer above.
290.79	Bedding	46	So			50			Assymetrical fold with penetrative axial cleavage. Long limb (50CA) over 4x as long as short limb (10CA)
290.8	Fold axes	18	F1			40			Assymetrical fold with penetrative axial cleavage. Long limb (50CA) over 4x as long as short limb (10CA)
290.81	Bedding	46	So			10			Assymetrical fold with penetrative axial cleavage. Long limb (50CA) over 4x as long as short limb (10CA)
292.2	Veins	38		qtz	SHTV	20			thick, 2cm, quartz vein cut and displaced by thinner, pyrite-bearing quartz vein (CA30.. At almost 90 degrees to this vein)
292.21	Veins	38		qtz	SHTV	30			5mm pyrite-bearing quartz vein (CA30.. At almost 90 degrees to above vein that it cuts and displaces.) Euhedral cbic yrite.
296.1	Bedding	36	So			40			
296.15	Veins	38		qtz	STWK	35			5mm wide quartz with minor pyrite
305.45	Cleavage	4	S1			60			
317.3	Veins	38		qtz	SHTV	30			2mm wide quartz-carbonate veining
317.31	Veins	38		qtz	SHTV	80			2-6mm wide quartz veining
317.32	Veins	38		fecb		10			2mm wide quartz-carbonate veining
323	Veins	38		qtz	SHTV	60			5mm wide quartz-carboante vein with minor sericite
323.01	Fold axes	79	Fx			85			Folds above quartz vein
329.8	Veins	38		py	SHTV	40			quartz veinlets with abundant pyrite
330.95	Veins	38		qtz	TVA	10			Tension vein opening direction 60CA. Abundant pyrite
331.05	Veins	38		qtz	SHTV	85			1mm qtz veinlets
331.06	Faults	38				60			Mmicrofault that dislaces bedding and above vein
334.2	Cleavage	4	S1			80			
334.21	Bedding	46	So			60			

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-034	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
80	270	342					

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
336.25	Bedding	46	So			70			

Assay Samples

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32849	11.3	15	2011	Expl Geochem	H-split	MT-Phy
32850	15	21	2011	Expl Geochem	H-split	MT-Phy
32851	21	25	2011	Expl Geochem	H-split	MT-Phy
32852	21	25	2011	Blank	LWS_2011	
32853	21	25	2011	STND	CDN-GS-8B	
32854	25	29.5	2011	Expl Geochem	H-split	MT-Phy
32855	29.5	33.8	2011	Expl Geochem	H-split	MT-Phy
32856	33.8	36	2011	Expl Geochem	H-split	MT-Phy
32857	36	39	2011	Expl Geochem	H-split	MT-Phy
32858	39	42.5	2011	Expl Geochem	H-split	MT-Phy
32859	42.5	43.5	2011	Expl Geochem	H-split	MT-Phy
32860	43.5	45	2011	Expl Geochem	H-split	MT-Phy
32861	45	47.15	2011	Expl Geochem	H-split	MT-Phy
32862	47.15	50	2011	Expl Geochem	H-split	MT-Phy
32863	50	52.2	2011	Expl Geochem	H-split	MT-Phy
32864	52.2	53	2011	Expl Geochem	H-split	MT-Phy
32865	53	54	2011	Expl Geochem	H-split	MT-Phy
32866	54	55	2011	Expl Geochem	H-split	MT-Phy
32867	55	57.2	2011	Expl Geochem	H-split	MT-Phy
32868	57.2	58.2	2011	Expl Geochem	H-split	MT-Phy
32869	58.2	60.5	2011	Expl Geochem	H-split	MT-Phy
32870	60.5	61.65	2011	Expl Geochem	H-split	MT-Phy
32871	61.65	63.2	2011	Expl Geochem	H-split	MT-Phy
32872	63.2	65.4	2011	Expl Geochem	H-split	MT-Phy
32873	65.4	66.45	2011	Expl Geochem	H-split	MT-Phy
32874	66.45	68	2011	Expl Geochem	H-split	MT-Phy
32875	68	70	2011	Expl Geochem	H-split	MT-Phy
32876	70	72	2011	Expl Geochem	H-split	MT-Phy
32877	72	73.45	2011	Expl Geochem	H-split	MT-Phy
32878	73.45	75.75	2011	Expl Geochem	H-split	MT-Phy
32879	75.75	77.7	2011	Expl Geochem	H-split	MT-Phy
32880	77.7	79	2011	Expl Geochem	H-split	MT-Phy
32881	79	80.8	2011	Expl Geochem	H-split	MT-Phy
32882	80.8	81.8	2011	Expl Geochem	H-split	MT-Phy
32883	81.8	83.4	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

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Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32884	83.4	84.6	2011	Expl Geochem	H-split	MT-SS.mgr
32885	84.6	85.6	2011	Expl Geochem	H-split	MT-SS.mgr
32886	85.6	87	2011	Expl Geochem	H-split	MT-SS.mgr
32887	87	89.2	2011	Expl Geochem	H-split	MT-CO.pbl
32888	89.2	91.25	2011	Expl Geochem	H-split	MT-SS.fgr
32889	91.25	93.25	2011	Expl Geochem	H-split	MT-CO.pbl
32890	91.25	93.25	2011	DUP	Q-Split	MT-CO.pbl
32891	91.25	93.25	2011	Blank	LWS_2011	
32892	93.25	94.25	2011	Expl Geochem	H-split	MT-CO.pbl
32893	94.25	96	2011	Expl Geochem	H-split	MT-CO.pbl
32894	96	98	2011	Expl Geochem	H-split	MT-CO.pbl
32895	98	99.1	2011	Expl Geochem	H-split	MT-CO.pbl
32896	99.1	101	2011	Expl Geochem	H-split	MT-CO.pbl
32897	101	103.5	2011	Expl Geochem	H-split	MT-CO.pbl
32898	103.5	105	2011	Expl Geochem	H-split	MT-SS.mgr
32899	105	106.5	2011	Expl Geochem	H-split	MT-SS.mgr
32900	106.5	108	2011	Expl Geochem	H-split	MT-SS.mgr
32901	108	109.85	2011	Expl Geochem	H-split	MT-SS.mgr
32902	109.85	110.8	2011	Expl Geochem	H-split	MT-SS.mgr
32903	110.8	112	2011	Expl Geochem	H-split	MT-SS.mgr
32904	112	113.5	2011	Expl Geochem	H-split	MT-SS.fgr
32905	113.5	115.1	2011	Expl Geochem	H-split	MT-SS.mgr
32906	115.1	117	2011	Expl Geochem	H-split	MT-CO.pbl
32907	117	118.8	2011	Expl Geochem	H-split	MT-SS.mgr
32908	118.8	120.2	2011	Expl Geochem	H-split	MT-CO.pbl
32909	120.2	121.5	2011	Expl Geochem	H-split	MT-SS.cgr
32910	121.5	123	2011	Expl Geochem	H-split	MT-SS.cgr
32911	123	125	2011	Expl Geochem	H-split	MT-SS.cgr
32912	125	126.5	2011	Expl Geochem	H-split	MT-CO.pbl
32913	126.5	128.7	2011	Expl Geochem	H-split	MT-CO.pbl
32914	128.7	130.05	2011	Expl Geochem	H-split	MT-CO.pbl
32915	130.05	132	2011	Expl Geochem	H-split	MT-CO.pbl
32916	132	134	2011	Expl Geochem	H-split	MT-CO.pbl
32917	134	136	2011	Expl Geochem	H-split	MT-CO.pbl
32918	136	138	2011	Expl Geochem	H-split	MT-CO.pbl
32919	138	140.5	2011	Expl Geochem	H-split	MT-Phy
32920	140.5	141.9	2011	Expl Geochem	H-split	QZVN
32921	140.5	141.9	2011	Blank	LWS_2011	
32922	141.9	144	2011	Expl Geochem	H-split	QZVN

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Plunge: 80 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32923	144	146	2011	Expl Geochem	H-split	MT-SS.cgr
32924	146	148	2011	Expl Geochem	H-split	MT-SS.cgr
32925	148	149	2011	Expl Geochem	H-split	MT-SS.cgr
32926	149	150	2011	Expl Geochem	H-split	MT-SS.cgr
32929	150	151.6	2011	STND	CDN-GS-8B	
32928	150	151.6	2011	Blank	LWS_2011	
32927	150	151.6	2011	Expl Geochem	H-split	MT-SS.cgr
32930	151.6	152.55	2011	Expl Geochem	H-split	MT-Phy
32931	152.55	154	2011	Expl Geochem	H-split	MT-Phy
32932	154	156	2011	Expl Geochem	H-split	MT-Phy
32933	156	158	2011	Expl Geochem	H-split	MT-Phy
32934	158	160.05	2011	Expl Geochem	H-split	MT-Phy
32935	160.05	162.65	2011	Expl Geochem	H-split	MT-Phy
32936	162.65	164.5	2011	Expl Geochem	H-split	MT-SS.cgr
32937	164.5	166	2011	Expl Geochem	H-split	MT-SS.cgr
32938	166	168	2011	Expl Geochem	H-split	MT-SS.cgr
32939	168	170	2011	Expl Geochem	H-split	MT-SS.cgr
32940	170	171.94	2011	Expl Geochem	H-split	MT-SS.cgr
32941	171.94	174.25	2011	Expl Geochem	H-split	MT-SS.cgr
32942	174.25	176	2011	Expl Geochem	H-split	MT-Phy
32943	176	178	2011	Expl Geochem	H-split	MT-Phy
32944	178	180	2011	Expl Geochem	H-split	MT-Phy
32945	180	181.55	2011	Expl Geochem	H-split	MT-SS.cgr
32946	181.55	183	2011	Expl Geochem	H-split	MT-SS.cgr
32947	183	184.75	2011	Expl Geochem	H-split	MT-SS.cgr
32948	184.75	185.85	2011	Expl Geochem	H-split	MT-SS.cgr
32949	185.85	187	2011	Expl Geochem	H-split	MT-SS.cgr
32950	187	188.65	2011	Expl Geochem	H-split	MT-SS.cgr
32951	188.65	189.6	2011	Expl Geochem	H-split	MT-Phy
32952	189.6	191.5	2011	Expl Geochem	H-split	MT-SS.cgr
32953	191.5	192.4	2011	Expl Geochem	H-split	MT-SS.cgr
32954	192.4	194.7	2011	Expl Geochem	H-split	MT-Phy
32955	194.7	196.35	2011	Expl Geochem	H-split	MT-SS.mgr
32956	196.35	198	2011	Expl Geochem	H-split	MT-Phy
32957	198	199.07	2011	Expl Geochem	H-split	MT-SS.mgr
32958	199.07	200.2	2011	Expl Geochem	H-split	MT-SS.mgr
32959	200.2	201.65	2011	Expl Geochem	H-split	MT-SS.mgr
32960	201.65	202.8	2011	Expl Geochem	H-split	MT-Phy
32961	202.8	204.1	2011	Expl Geochem	H-split	MT-SS.mgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
32962	204.1	206.35	2011	Expl Geochem	H-split	MT-SS.mgr
32963	206.35	207.4	2011	Expl Geochem	H-split	MT-Phy
32964	207.4	208.9	2011	Expl Geochem	H-split	MT-Phy
32966	208.9	210	2011	DUP	Q-Split	MT-Phy
32967	208.9	210	2011	Blank	LWS_2011	
32965	208.9	210	2011	Expl Geochem	H-split	MT-Phy
32968	210	211.75	2011	Expl Geochem	H-split	MT-Phy
32969	211.75	212.75	2011	Expl Geochem	H-split	MT-SS.mgr
32970	212.75	214.15	2011	Expl Geochem	H-split	MT-Phy
32971	214.15	216	2011	Expl Geochem	H-split	MT-Phy
32972	216	218	2011	Expl Geochem	H-split	MT-Phy
32973	218	219.4	2011	Expl Geochem	H-split	MT-Phy
32974	219.4	220.65	2011	Expl Geochem	H-split	MT-SS.cgr
32975	220.65	222	2011	Expl Geochem	H-split	MT-Phy
32976	222	224	2011	Expl Geochem	H-split	MT-Phy
32977	224	225.45	2011	Expl Geochem	H-split	MT-Phy
32978	225.45	227	2011	Expl Geochem	H-split	MT-Phy
32979	227	228.85	2011	Expl Geochem	H-split	MT-Phy
32980	228.85	229.8	2011	Expl Geochem	H-split	MT-Phy
32981	229.8	231	2011	Expl Geochem	H-split	MT-Phy
32982	231	232.4	2011	Expl Geochem	H-split	MT-SLT
32983	232.4	233.4	2011	Expl Geochem	H-split	MT-SS.mgr
32984	233.4	235	2011	Expl Geochem	H-split	MT-SS.mgr
32985	235	236	2011	Expl Geochem	H-split	MT-SS.mgr
32986	236	237	2011	Expl Geochem	H-split	MT-SS.mgr
32987	237	238.12	2011	Expl Geochem	H-split	MT-SLT
32988	238.12	240	2011	Expl Geochem	H-split	MT-SS.cgr
32989	240	241.6	2011	Expl Geochem	H-split	MT-SS.mgr
32990	241.6	243	2011	Expl Geochem	H-split	MT-SS.mgr
32991	243	244.5	2011	Expl Geochem	H-split	MT-SS.mgr
32992	244.5	246	2011	Expl Geochem	H-split	MT-Phy
32993	246	247	2011	Expl Geochem	H-split	MT-Phy
32994	247	249	2011	Expl Geochem	H-split	MT-Phy
32995	249	249.82	2011	Expl Geochem	H-split	MT-Phy
32996	249.82	251.7	2011	Expl Geochem	H-split	MT-Phy
32997	251.7	252.7	2011	Expl Geochem	H-split	MT-Phy
32998	252.7	254	2011	Expl Geochem	H-split	MT-SLT
32999	254	255.15	2011	Expl Geochem	H-split	MT-SS.mgr
33000	255.15	257	2011	Expl Geochem	H-split	MT-SS.mgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
33001	257	258	2011	Expl Geochem	H-split	MT-SS.mgr
33002	258	259.3	2011	Expl Geochem	H-split	MT-SS.mgr
33004	259.3	261.1	2011	Blank	LWS_2011	
33003	259.3	261.1	2011	Expl Geochem	H-split	MT-SS.mgr
33005	259.3	261.1	2011	STND	CDN-GS-8B	
33006	261.1	263.2	2011	Expl Geochem	H-split	MT-Phy
33007	263.2	265.45	2011	Expl Geochem	H-split	MT-Phy
33008	265.45	267.55	2011	Expl Geochem	H-split	MT-SS.cgr
33009	267.55	268.95	2011	Expl Geochem	H-split	MT-SS.cgr
33010	268.95	270	2011	Expl Geochem	H-split	MT-SS.mgr
33011	270	272	2011	Expl Geochem	H-split	MT-SS.mgr
33012	272	274	2011	Expl Geochem	H-split	MT-SS.mgr
33013	274	276.2	2011	Expl Geochem	H-split	MT-SS.mgr
33014	276.2	278.25	2011	Expl Geochem	H-split	MT-SS.mgr
33015	278.25	280.1	2011	Expl Geochem	H-split	MT-SS.cgr
33016	280.1	282.15	2011	Expl Geochem	H-split	MT-SS.mgr
33017	282.15	284.1	2011	Expl Geochem	H-split	MT-SS.mgr
33018	284.1	286.1	2011	Expl Geochem	H-split	MT-SS.mgr
33019	286.1	288.15	2011	Expl Geochem	H-split	MT-SS.mgr
33020	288.15	290	2011	Expl Geochem	H-split	MT-Phy
33021	290	291	2011	Expl Geochem	H-split	MT-Phy
33022	291	292	2011	Expl Geochem	H-split	MT-SS.cgr
33023	292	293.15	2011	Expl Geochem	H-split	MT-SS.cgr
33024	293.15	294.4	2011	Expl Geochem	H-split	MT-SS.cgr
33025	294.4	295.9	2011	Expl Geochem	H-split	MT-SS.cgr
33026	295.9	296.9	2011	Expl Geochem	H-split	MT-SS.cgr
33027	296.9	297.9	2011	Expl Geochem	H-split	MT-SS.mgr
33028	297.9	299	2011	Expl Geochem	H-split	MT-SS.cgr
33029	299	300	2011	Expl Geochem	H-split	MT-SS.cgr
33030	300	301	2011	Expl Geochem	H-split	MT-SS.cgr
33031	301	302	2011	Expl Geochem	H-split	MT-CO.pbl
33032	302	303.55	2011	Expl Geochem	H-split	MT-SS.cgr
33033	303.55	305	2011	Expl Geochem	H-split	MT-SLT
33034	305	307	2011	Expl Geochem	H-split	MT-Phy
33035	307	308.9	2011	Expl Geochem	H-split	MT-Phy
33036	308.9	310	2011	Expl Geochem	H-split	QZVN
33037	310	311	2011	Expl Geochem	H-split	MT-SS.cgr
33038	311	312	2011	Expl Geochem	H-split	MT-SS.cgr
33039	312	313	2011	Expl Geochem	H-split	MT-SS.cgr

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-034 **Grant No.:** YC72728

Plunge: 80 **Azimuth:** 270 **EOH:** 342

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
33040	313	314	2011	Expl Geochem	H-split	MT-SS.cgr
33043	314	315.3	2011	Blank	LWS_2011	
33041	314	315.3	2011	Expl Geochem	H-split	MT-SS.cgr
33042	314	315.3	2011	DUP	Q-Split	MT-SS.cgr
33044	315.3	317	2011	Expl Geochem	H-split	MT-SS.mgr
33045	317	319	2011	Expl Geochem	H-split	MT-SS.cgr
33046	319	320.6	2011	Expl Geochem	H-split	MT-Phy
33047	320.6	322	2011	Expl Geochem	H-split	MT-Phy
33048	322	324	2011	Expl Geochem	H-split	MT-Phy
33049	324	326	2011	Expl Geochem	H-split	MT-Phy
33050	326	328	2011	Expl Geochem	H-split	MT-Phy
33051	328	330	2011	Expl Geochem	H-split	MT-Phy
33052	330	332	2011	Expl Geochem	H-split	MT-Phy
33053	332	334	2011	Expl Geochem	H-split	MT-Phy
33054	334	336	2011	Expl Geochem	H-split	MT-Phy
33055	336	337	2011	Expl Geochem	H-split	MT-Phy
33056	337	338.35	2011	Expl Geochem	H-split	MT-Phy
33057	338.35	339.5	2011	Expl Geochem	H-split	QZVN
33058	339.5	340.5	2011	Expl Geochem	H-split	QZVN
33059	340.5	342	2011	Expl Geochem	H-split	QZVN

Diamond Drill Log and Sample Summary

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Location

Easting:	Northing:	Latitude:	Longitude:
533679.0	6844035.0		

Elevation: 1540 m **Grid Name:** NA

Datum:	UTM Zone:	Grid N:	Grid E:
NAD83	9		

Orientation

Plunge: 60
Azimuth: 270
EOH: 311.0 m
Core Size: HQ

Start Date: 08/10/2011
Finish Date: 14/10/2009
Status: Completed
Contractor: Driftwood

Depth (m)	Plunge	Azimuth (true N)	Mag Suss	Tool	Quality
18	57.7	268.84	57262	Reflex	1
69	58.8	272.94	57066	Reflex	1
120	59	272.84	56937	Reflex	1
171	59.3	273.24	58911	Reflex	1
222	60.2	271.84	57028	Reflex	1
273	61.4	272.54	56936	Reflex	1
311	62.6	272.64	56958	Reflex	1

Objective:

The objective of this drill hole is to test the 3Ace Fault and continuation of gold/arsenopyrite mineralisation 25m north of 3A-11-014. Target expected at70 m to 80 m.

Lithology

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
0	7.5	no core recovered	CASING		100.0%				co	1
7.5	58	Very minor quartz veining within phyllite unit in form of occassional <2mm thick quartz seams with calicite coating.	QZVN		1.0%	w			br	2
7.5	58	Black folded phyllite with thin, grey laminar silit along compositional bedding. [- 5-10% silt] Texture of phyllite is too fine-grained to determine exact composition. Unit is blocky, gouged and crushed throughout with only rare competent intersections that generally do not exceed 1m in length. Mulitple small-scale parasitic fold profiles are discernible throughout. [see point structures] Lower contact of unit is with massive white quartz vein.	MT-Phy		99.0%	n			br	2
58	59	Massive white quartz vein that is poorly recovered and has fragmented contacts. Both upper and lower contacts are bounded by phyllite gouge. Disseminated pyrite in vein fragments at vein contacts. Vein alterations: - chlorite - calcite - sercite	QZVN		100.0%	w			lc	1
59	87.5	Very minor quartz veining within phyllite unit in form of occassional <2mm thick quartz seams with calicite coating.	QZVN		1.0%	w			br	2
59	87.5	Black folded phyllite with thin, grey laminar silit along compositional bedding. [- 5-10% silt] Texture of phyllite is too fine-grained to determine exact composition. Unit is blocky, gouged and crushed throughout with only rare competent intersections that generally do not exceed 1m in length. Mulitple small-scale parasitic fold profiles are discernible throughout. [see point structures] Lower contact of unit is gouged and and sharp bounding a foliated Quartz-Conglomerate-Breccia unit below.	MT-Phy		99.0%	n			br	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	60	Azimuth:	270	EOH:	311		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
87.5	94.6	Quartz veining in sheared quartz-conglomerate breccia occurs as up broader, massive veins near upper contact of unit. In remainder of unit, veining is generally <4cm thick at variable orientaions (occassionally concordant to Ssh) and with rather diffuse vein boundaries.	QZVN		5.0%	w			co	2
87.5	94.6	Foliated Quartz Conglomerate Breccia with ~4% white clay altered feldspar clasts and stretched, lenselike, aligned quartz clasts surrounded by ~2% dark grey chloritic matrix seams. [low grade shearing Ssh] Localiazed narrow broken and friable subintervals with occassional narrow gouge or slightly friable wedges. Generally competent. Composition: 96% white quartz; 4% white clay altered feldspar; 1% black phyllite lithics (phyllite lithics occur at variable clast sizes and are not evenly distributed) Grainsize: 0.5-2cm (due to lenselike stretching of quartz clasts Matrix: ~2% Grainshape: subangular	MT-CO	bx	95.0%	gy	qtz	95	co	2
94.6	95.6	quartz vein fragments in phyllite gouge and vuggy, sheeted quartz veining in fault emplaced sandstone interbed at center of interval	QZVN		1.0%	w			fr	2
94.6	95.6	25cm thick sanstone interbed within phyllite gouge fault structure: Sandstone is emplaced by faulting and veins in sandstone are cut-off at sharp planar contacts with phyllite gouge [see point structures] Sandston has fabric (bedding?) in form of dark grey chloritic lamellae at 4mm spacing [Sx]. Grainsize: 0.5mm Composition: 92% quartz; 8% white clay altered feldspar	MT-SS	mgr	10.0%	gy	qtz	92	co	1
94.6	95.6	Graphitic phyllite gouge that retains polished black cleavages and features fine-grained disseminated sulfides (predominantly pyrite). Texture of phyllite gouge is too fine-grained to determine exact composition. Upper contact with quartz conglomerate breccia above is slightly friable and planar along 65TCA. Lower contact iwith silicified sandstone unit below is hard and planar along 80TCA.	MT-Phy	gf	89.0%	n			fr	3
95.6	113	Dark grey silicified Sandstone-granule size Quartz Conglomerate sequence with gradational transitions. Lower half of unit is dominated by granule size clasts. Grainsize: 0.25-1mm (sandstone) 2-4mm (granule size) Composition: 96% grey and white-grey quartz; 4% white, clay altered feldspar Matrix: ~1-2% dark grey chloritic Fabric: dark grey, wispy, aligned chloritic seams throughout unitat 2-8mm spacing Both upper and lower contacts are sharp and planar with deformed phyllite units.	MT-SS	mgr	20.0%	gy	qtz	96	co	1
95.6	113	Quartz veining in silicified sandstone-conglomerate sequence is densely distributed (~10 veins per 50cm) and of variable orientation. Quartz Veining: - milky white and generally not vugy - contains occassional smal, buff iron-carbonate specs - ranges from 2mm-10cm in thickness - occurrs at variable orientations and is frequently intersecting - frequently undulated, deformed and folded - sometimes not fully penetrative - arsenopyrite and (to a lesser) pyrite mineralized within veining and in silicified wallrock	QZVN		20.0%	w			co	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	311					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
95.6	113	Dark grey silicified Sandstone-granule size Quartz Conglomerate sequence with gradational transitions. Lower half of unit is dominated by granule size clasts. Grainsize: 0.25-1mm (sandstone) 2-4mm (granule size) Composition: 96% grey and white-grey quartz; 4% white, clay altered feldspar Matrix: ~1-2% dark grey chloritic Fabric: dark grey, wispy, aligned chloritic seams throughout unitat 2-8mm spacing Both upper and lower contacts are sharp and planar with deformed phyllite units.	MT-CO	grn	60.0%	gy	qtz	96	co	1
113	116.9	Quartz veining in phyllite is intensely chloritized in form of moss-green, solid chlorite wedges.	QZVN		5.0%	g			co	2
113	116.9	Black phyllite with minor grey lamellar silt interbedding and a multitude of green, random, partially penetrative chlorite wedge. Chlorite wedges frequently associated with white quartz. Parasitic fold proviles are discernible. Some quartz-chlorite wedges are axial planar to cink-folding in compositional bedding So. Texture of phyllite is to fine-grained to determine exact composition. Partially broken and friable.	MT-Phy		95.0%	n			co	1
116.9	120.15	singular fault emplaced, chloritized phyllite wedge from 117.70m to 117-88m.	MT-Phy		1.0%	n			co	1
116.9	120.15	Densely spaced 1mm-5cm thick, variable orientation quartz veining in partially friable and broken unit with white clay coating along open and healed fractures.	QZVN		15.0%	w			br	1
116.9	120.15	Grey silicfied granule size quartz conglomerate with friable portions and frequent, white clay coated fractures. Compostion: 95% grey to white quartz; 5% altered feldspar Grainsize: 2-4mm Grainshape: subangular to subrounded. Upper and lower contact are sharp with phyllite units above and below.	MT-CO	grn	84.0%	gy	qtz	95	br	1
120.15	122.1	Quartz veining in phyllite unit has generally grey appearance, is <1cm thick and is frequently concordant to compositional bedding (So).	QZVN		3.0%	w			co	1
120.15	122.1	Black phyllite with ~10% grey laminar silt interbedding. Some silt interbeds have up to 5cm width. Texture of phyllite is to fine-grained to determine exact composition. Generally unmineralized.	MT-Phy		97.0%	n			co	1
122.1	128.4	Phyllite present as narrow, black crush-gouge interval (~20cm with) with brittle fault structure at lower contact of unit.	MT-Phy		1.0%	n			co	3
122.1	128.4	Quartz veining is predominantly at 40-60TCA, with milky white appearance and 1-4cm width.	QZVN		5.0%	w			co	1
122.1	128.4	Grey sandstone with intermittent thin, dark grey wispy, aligned chloritic martrix seams. Grainsize grades from coarse sand size to granule and pebble size and increases generally towards lower contact of unit. Composition: 93% quartz clasts & 7% white, clay altered feldspar clasts Grainshape: subangular Matrix: <2% (chlorite altered) Upper and lower contacts of unit are gouged and fragmented and bound phyllite units.	MT-CO	pbl	24.0%	gy	qtz	93	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	60	Azimuth:	270	EOH:	311		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
122.1	128.4	Grey sandstone with intermittent thin, dark grey wispy, aligned chloritic martrix seams. Grainsize grades from coarse sand size to granule and pebble size and increases generally towards lower contact of unit. Composition: 93% quartz clasts & 7% white, clay altered feldspar clasts Grainshape: subangular Matrix: <2% (chlorite altered) Upper and lower contacts of unit are gouged and fragmented and bound phyllite units.	MT-SS	cgr	70.0%	gy	qtz	93	co	1
128.4	133.3	Quarz veining in phyllite silt unit occurs predominantly as deformed <0.5cm thick veinlets. Sheared massive veining between 130.60-130.80m. [see structure table]	QZVN		5.0%	w			co	2
128.4	133.3	Black-grey phyllite silt unit with predominantly silt between 130.80-131.80m.	MT-SLT		25.0%	gy			co	1
128.4	133.3	Black to dark grey phyllite-silt unit with deformed quartz veining and brittle gouge fault deformation between 131.80-134.00m. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		70.0%	n			co	2
133.3	140.68	Quartz veining in sandstone unit either: 1-3cm thick and of variable orientations with localized sheeted patterns OR as semi-massive sheeted veining between 136.60-137.50m	QZVN		5.0%	w			co	1
133.3	140.68	Coarse-grained, grey, locally friable sandstone with gouged, wedgelike up to 10cm width phyllite interbeds. Composition: 95% grey quartz; 5% white, clay altered feldspar Matrix: <2% Grainsize: 1-2mm Grainshape: subangular to subrounded Unit has occassional localized alignment of dark grey chloritic seams in rock matrix [Sx]. Lower contact with extensive faulted phyllite unit below is sharp and competent.	MT-SS	cgr	94.0%	gy	qtz	95	fr	1
133.3	140.68	Phyllite occurs as up to 10cm width, friable or gouged, wedges or up to 4cm diameter clasts in gouged sandstone sections.	MT-Phy		100.0%	n			co	1
140.68	165.5	Quartz veining in gouged phyllite unit is generally ery rare and if present occursas narrow 20-30cm width concentrations. Veining is intensely iron-carbonate altered and predominantly occurs as tension vein arrays. [see point structures, strucure & alteration table for details]	QZVN		2.0%	bf			co	3
140.68	165.5	Brittle Fault Structure in black foliated and folded phyllite: Variable intensity gouging throughout entire unit. Coloring of phyllite gouge ranges from charcoal black to grey. ~60% pure gouge; remainder is broken blocky and friable	MT-Phy		98.0%	n			co	3
165.5	183.2	Quartz veining occurs large highly fragmented intersections from 171.00-177.10m and as thin diffuse, <1cm thick, highly sulfide mineralized veinlets from 177.10-183.20m. Sulfides also present as wallrock mineralization.	QZVN		5.0%	w			fr	2

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	311					

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
165.5	183.2	Grey broken friable, granule size quartz conglomerate that partially overlaps with large-scale fault zone -- intensely fragmented and gouged from 165.50-177.10m. Weakly silicified in lower half of unit, where arsenopyrite mineralization is most intense. Composition: 96% grey quartz, 4% altered feldspar Grainsize: 2-4mm (locally grades into sandstone) Grainshape: subangular to subrounded Lower contact bounds phyllite unit along gouge fault.	MT-CO		95.0%	gy			fr	2
183.2	192	Fine-grained grey silicified sandstone wedge from 189.00-189.20m emplaced bounded by phyllite fault gouge. Interbed contains pyrite mineralized quartz-iron-carbonate tension vein array.	MT-SS	fgr	1.0%	gy	qtz	95	co	2
183.2	192	Quartz veining in phyllite unit is generally pyrite mineralized and predominantly <1cm thick with buff-crème iron-carbonate alteration.	QZVN		1.0%	w			co	1
183.2	192	Black phyllite with grey laminar silt interbedding (So) and well developed S1 fabric. ~10% silt Texture of phyllite is too fine-grained to determine exact compostion. Gouge faults at both upper and lower contacts of unit.	MT-Phy		98.0%	n			co	2
192	196.6	Copious <2cm thick, fragmented vuggy quartz veins in crushed fine-grained sandstone unit.	QZVN		5.0%	w			fr	3
192	196.6	Light grey, friable sandstone within brittle fault zone that crosses lithological boundaries. Generally softened and crushed with few competent blocks. Grainsize: ~0.3mm Grainshape: subrounded Matrix: <2% Composition: 15% white clay altered feldspar; 85% grey quartz Unit is bounded by gouged phyllite above and below.	MT-SS	fgr	95.0%	gy	qtz	85	fr	3
196.6	223.5	Quartz veining in graphitic, friable phyllite unit is generally <1.5cm thick: - frequently pyrite mineralized - generally with buff-crème iron-carbonate wisps	QZVN		2.0%	w			fr	2
196.6	223.5	Black,friable, graphitic phyllite with zones of grey laminar silt interbedding (So). Unit contains several intense gouge-crush zones. [see structure table] Texture of phyllite is too fine-grained to determine exact composition. ~5% silt throughout entire unit.	MT-Phy	gf	98.0%	n			fr	2
223.5	235	Quartz veinlets in interbedded sand-silt-phyllite sequences are generally <2cm thick: - consistently buff-crème iron-carbonate altered - occassionally with green chlorite wisps - generally pyrite mineralized - frequently as tension vein arrays within 10-20cm width (possibly slip faulted) phyllite wedges	QZVN		1.0%	w			co	1
223.5	235	Phyllite usually occurrs as narrow (<10cm width), interbedded wedges, but occassionally as longer interbeds. Phyllite also occurs as black laminae indark grey silit and sand sequences. Phyllite appear to host frequent pyrite mineralized quartz-iron-carbonate-chlorite tension veinlets.	MT-Phy		25.0%	n			co	1
223.5	235	Interbedded, dark grey sandstone: Grainsize: 0.2-0.5mm Grainshape: subrounded to subangular Matrix: <1% Compostion: 85% grey quartz; 15% white, clay altered feldspar	MT-SS	mgr	34.0%	gy	qtz	85	co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	60	Azimuth:	270	EOH:	311		

From:	To:	Description:	Rock Code:	Text:	Prop:	Colour:	Clasts:	Clast %	CI	SI
223.5	235	Interbedded sequence of black phyllite and dark grey silt and sandstone interbedding. Both upper and lower contacts of unit are gradational. Texture of phyllite and silt sequences is to fine-grained to determine exact composition. Unitis generally hard & competent with clearly discernible compositional bedding laminations in silt and phyllite sequences (So)	MT-SLT		40.0%	gy			co	1
235	255.9	Narrow interbedded, black phyllite wedges in sandstone between 252.70-255.90m	MT-Phy		1.0%	n			co	1
235	255.9	Quartz veining in grey sandstone unit is frequent buff-crème iron-carbonate altered and generally <1cm thick. Generally densely spaced, but as thin seams.	QZVN		3.0%	w			co	1
235	255.9	Light grey, locally broken and friable sandstone unit. Brittle deformation at upper contact. Lower contact is gradational. Sandstone has intermittent localized foliation (Sx) in form of wisy, dark grey, partially penetrative seams. Composition: 80% grey quartz; 20% white, clay atlered feldspar [occassional black, lithic phyllite clasts <1%] Grainsize: 0.5-1mm Grainshape: subrouded to subangular	MT-SS	mgr	96.0%	gy	qtz	80	co	1
255.9	265.2	Quartz veining in phyllit silt sequence is predominantly <1cm thick and has buff-crème iron-carbonate alteration wisps. No observed vein mineralization.	QZVN		1.0%	w			br	2
255.9	265.2	Silt has dark grey colour and occurs as thin laminae and broader interbeds. Locally grades into sand size.	MT-SLT		39.0%	gy			br	2
255.9	265.2	Black phyllite with dark grey silty sand interbedding that occurs as thin laminae and as broad 10cm-50cm width beds with bedding (So) concordant contacts. Texture of phyllite and silt are too fine-grained to determine exact compostion. Upper contact of unit is gradational. Lower contact of unit is friable and gouged.	MT-Phy		60.0%	n			br	2
265.2	280	Quartz veining in generally competent phyllite unit occurs as 1-4mm thick 30-45TCA seams that frequently occur sheeted or as discernible tension vein arrays. Veinlets have buff-crème iron-carbonate alteration. No siginificant vein sulfide mineralization except between 277.4-278.0m.	QZVN		1.0%	w			co	1
265.2	280	Black phyllite with ~10% laminar grey silt interbedding. Brittle deformation above upper contact. Lower contact features gouge zones and gradual transition into discernible graphitic phyllite. Texture of phyllite is too fine-grained to determine exact composition.	MT-Phy		99.0%	n			co	1
280	311	Quartz veining in black graphtic phyllite is generally <1cmthick and frequently folded and deformed. Generally with white and buff iron-carbonate wisps.	QZVN		1.0%	w			co	1
280	311	Black graphitic, bedded (So) phyllite with minor grey, laminar silit interbedding. Graphite detectable as smear along foliation cleavages. Generally competent with minro localized, friable wedges. Texture of phyllite is too fine-grained to determine exact compostion. Mineralization: Pyrite in form of up to 4mm thick, foliation concordant stringers and as aligned partially penetrative, fine-grained, massive clusters.	MT-Phy	gf	99.0%	n			co	1

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	311					

Alteration

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
7.5	58	as powdered white coating in quartz veining	cbt	2	vn	w
7.5	38.7	orangle-brown rust-staining along open and healed fractures	LIM	1	frac	o
21.5	21.9	green chlorite bands in bedding concordant, sheeted quartz veinlets	chl	3	vn	g
36	36.15	chlorite wedges in vuggy rust-stained, foliation concordante quartz veinlets	chl	3	vn	g
58	59	as occassional green wips	chl	2	vn	g
58	59	in fragmented, pyrite mineralized vein contacts	ser	2	vn	w
58	59	green chlorite wedges in massive, fragmented , sulfide mineralized quartz vein	chl	2	vn	g
58	59	as large white patches within massive white quartz vein	cbt	3	vn	w
59	87.5	as powdered white coating in quartz veining	cbt	2	vn	w
87.5	94.6	white clay alteration of feldspar clasts	cy	2	smgr	w
87.5	94.6	grey chloritic matrix seams that surround lense-like quartz clasts in foliated quartz conglomerate breccia	chl	1	frac	gy
95.05	95.3	white clay alteration of feldspar clasts in 25cm thick sandstone interbed within phyllite gouge structure	cy	2	smgr	w
95.6	113	small, pale buff iron-carbonat specs and wisps in quartz veining	fecb	2	vn	bf
95.6	113	dark grey, wispy, aligned chloritic seams throughout unit 2-8mm spacing locally grading into pervasive matrix chloritization	chl	2	fol	gy
95.6	113	grey pervasive silicifcation leading to glossy appearance, grain boundary dissolution and marked absence of discernible feldspar clasts	SIL	2	perv	gy
110.85	113	powdered white clay coating along open and healed fractures in friable interval above lithological contact	cy	4	frac	w
113	116.9	densely spaced green, random, partially penetrative quartz-chlorite wedges and occassionally as axial planar veins	chl	4	vn	g
113	116.9	wispy buff-crème overprint in quartz veining	fecb	2	vn	bf
116.9	120.15	intermittent dark grey chloritizatio of matrix	chl	1	perv	gy
116.9	120.15	weak grey pervasive silicification	SIL	1	perv	gy
116.9	120.15	white clay alteration of feldspar clasts	cy	2	smgr	w
116.9	120.15	powdered white clay along open and healed fractures	cy	3	frac	w
122.1	128.4	small buff-crème wisps in quartz veining	fecb	1	vn	bf
122.1	128.4	dark grey, wispy, aligned chloritic matrix seams in sandstone-conglomerate sequence	chl	2	fol	gy
122.1	128.4	powdered white clay coating along open and healed fractures	cy	2	frac	w
122.1	128.4	white clay alteration of feldspar clasts	cy	2	smgr	w
128.4	133.3	frequent, buff-crème iron-carbonate seams in phyllite	fecb	3	vn	bf
133.3	140.68	powdered white clay coating along open and healed fractures	cy	2	frac	w
133.3	140.68	pale buff-crème alteration of feldspar clasts	fecb	1	smgr	bf
133.3	140.68	buff-crème iron-carbonate wisps in quartz veining	fecb	2	vn	bf
140.68	165.5	intermitten buff-crème vein fragmentes and tension vein arrays in phyllite gouge fault zone	fecb	2	vn	bf
165.5	168	pearly transluscent sericitic gloss in grey, friable samdsotne	ser	1	perv	gy
165.5	168	low core angle buff-crème tension seams	fecb	2	vn	bf
168	183.2	powdered white clay coating along open and healed fractures	cy	1	frac	w
168	183.2	intermittent pale-buff overprint on clay altered feldspar clasts in granule size conglomerate	fecb	1	smgr	bf
168	183.2	white clay alteration of feldspar clasts in granule size conglomerate	cy	2	smgr	w
177.1	183.2	variable intensity silicification throughout interval ranging from weak to highly glossy	SIL	1	perv	gy

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	311					

From:	To:	Comments:	Mineral	Intensity	Distribution	Colour:
183.2	188.96	buff-crème overprint on quatz veinlets in phyllite unit	fecb	3	vn	bf
189	189.2	Fine-grained grey silicified sandstone wedge from 189.00-189.20m emplaced bounded by phyllite fault gouge. Interbed contains pyrite mineralized quartz-iron-carbonate tension vein array.	SIL	3	perv	gy
192	196.6	powdered white clay coating on crush fragments	cy	3	frac	w
192	196.6	white clay alteration of feldspar clasts	cy	2	smgr	w
196.6	223.5	buff-crème iron-carbonate wisps in <1.5cm thick quartz veinlets in friable graphitic phyllite unit and as occassional pure, buff seams	fecb	2	vn	bf
196.6	223.5	minor calcite wisps in <1.5cm thick veinlets in graphitic, friable phyllite unit	cbt	1	vn	w
223.5	223.5	white clay alteration of feldspar clasts in dark grey sandstone interbedding	cy	2	smgr	w
223.5	223.5	buff-crème iron-carbonate wisps and seams in quartz veining	fecb	2	vn	bf
232.4	233.25	greyish green pervasive chloritization of sandstone bed near lighological contact	chl	3	perv	g
235	252.7	grey-green pervasive chloritization and as intermittent wispy dark grey, partially penetrative, aligned seams.	chl	1	perv	gy
235	255.9	buff-crème wisps and seams in thin, <2cm thick quartz veinlets in sandstone unit	fecb	3	vn	bf
235	255.9	white clay alteration of feldspar clasts in sandstone	cy	2	smgr	w
235	255.9	pearly grey transluscent coating along fractures and cleavages	ser	1	perv	gy
252.7	255.9	intensified pervasive grey-green chloritization of sandtone along gradational lithological contact	chl	2	perv	g
255.9	264.95	buff-crème thin quartz-iron-carboante seams in phyllite-silt interbedding	fecb	2	vn	bf
264.95	265.2	buff-crème overprint in deformed, sheared quartz veining	fecb	4	vn	bf
265.2	280	buff-crème wisps in thin veinlets in phyllite	fecb	2	vn	bf
265.2	280	acid soluble white wisps in thin veinlets in phyllite	cbt	1	vn	w
280	311	white and buff-crème wisps in folded, deformend thin veinlets	fecb	2	vn	bf
306.6	311	green chlorite hue and wisps on thin deformed, quartz-iron-carbonate veinlets in graphitic phyllite	chl	2	vn	g

Interval Structure

From	To	Mineral	Intensity	Distribution	Comments
30.3	50.4	FZ	200.0%	BFZ	Friable and crushed throughout with interspesed, competent blocky subintervals. Frequent up to ~40cm width gouge intervals.
53.72	58	FZ	200.0%	BFZ	Friable and crushed throughout with interspesed, competent blocky subintervals. Frequent up to ~40cm width gouge intervals.
58	59	QZVN	200.0%	BFZ	green chlorite wedges in massive, fragmented , sulfide mineralized quartz vein -- bounded by phyllite gouge above and below
59	87.5	FZ	200.0%	BFZ	Friable and crushed throughout with interspesed, competent blocky subintervals. Frequent up to ~40cm width gouge intervals.
87.5	94.6	SZ	100.0%	bx	Foliated Quartz conglomerate breccia with ~4% white clay altered feldspar clasts and stretched, lenselike, aligned quartz clasts surrounded by ~2% dark grey chloritic matrix seams. [low grade shearing] localiazed narrow broken and friable subintervals with occassional narrow gouge wedges
94.6	95.6	FZ	300.0%	BFZ	intensely ot partially gouge graphitic phyllite be with sharp planar contacts and fine-grained disseminated pyrite
110.75	110.85	FZ	300.0%	BFZ	soft, plastic crush gouge at upper contact of quartz vein
110.85	113	FZ	100.0%	BFZ	partially friable and with clay coating along open and healed fractures
122.1	122.2	FZ	300.0%	BFZ	crush-gouge at lithological contact
127.7	128.11	FZ	200.0%	BFZ	blocky, broken & friable with ~35% interspersed crush-gouge intervals
130.6	130.8	QZVN	200.0%	DBSZ	Fault emplaced wedge of sheared quartz veining with streched quartz ribbons and aligned chloritic seams that run concordant to fault emplaced vein contacts

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From	To	Mineral	Intensity	Distribution	Comments
131.8	133.3	FZ	300.0%	DBSZ	Intensely pyrite mineralized phyllite gouge with deformed quartz veining in form of white & grey stretched, lenselike ribbons surrounded by black phylliti matrix. Partially more competent, but predominantly friable and/or gouged.
136.6	137.5	QZVN	200.0%	SHTV	densely spaced, semi-massive ~65TA quartz veining with pyrite mineralization and dark grey chloritic seams in veining
137.5	138.4	FZ	300.0%	BFZ	semi-plastic, sandstone sourced fault gouge that contains occassional angular phyllite clasts and deformed quartz veining.
140.68	177.1	FZ	400.0%	BFZ	Brittle Fault structure that crosses lithological contact between phyllite and conglomerate. Gouged broken and friable throughout. ~60% gouge in total. Gouge retains foliation fabric - generally compositional bedding So in phyllite portion of fault.
149.3	149.57	QZVN	300.0%	TVA	Buff-crème iron-carbonate altered tension vein array veinlets within phyllite gouge
163.8	164.8	QZVN	400.0%	TVA	Buff-crème iron-carbonate tension vein arrays in blocky friable phyllite fragments within large scale fault zone. Tension vein arrays stretch over interval of ~80cm width and are in proximity to a lithological contact below.
183.2	184.3	FZ	300.0%	BFZ	friable, blocky phyllite fragments -- brittle deformation at lithological contact
188	196.9	FZ	300.0%	BFZ	Predominantly soft, friable crush gouge intervals: ~80% crush-gouge in total Fault crosses lithological contacts. [sandstone & phyllite units]
196.9	202.7	FZ	200.0%	BFZ	blocky phyllite segments interspersed with friable sections and ~30% crush gouge
202.7	204	FZ	400.0%	BFZ	pure, soft, black sandy clay gouge
204	207.1	FZ	200.0%	BFZ	friable, partially crushed graphitic phyllite with high proportion of quartz-iron-carbonate veining
212.3	214.2	FZ	300.0%	BFZ	friable and partially intensely gouged, graphitic phyllite that partially retains foliation/bedding
217.15	217.49	FZ	300.0%	SHTV	black, graphitic phyllite gouge with deformed, sheeted, lenselike quartz-iron-carbonate veins at center of interval
220.2	220.6	FZ	400.0%	BFZ	soft, black, graphitic phyllite gouge with quartz vein fragments
223.07	223.5	FZ	200.0%	BFZ	softened, crushed, graphitic fragmnets as thin slices along So
239.6	240.8	FZ	200.0%	bx	friable throughout and partially crushed; clear breccia texture over 40cm width at centre of interval: 1-2cm diameter angular sandstone clasts surrounded by 5% light-grey quartz matrix in combination with vuggy high core angle quartz veining
260.75	264.95	FZ	200.0%	BFZ	friable and partially crushed throught interspersed with narrow competent blocks with intensely wispy, random iron-carbonate overprints
264.95	265.2	QZVN	300.0%	SHTV	buff-crème, densely packed, So concordant quartz veining with concordant black phyllite seams
277.4	278	FZ	400.0%	BFZ	very poosly recovered (50% recovery) black, graphitic phyllite gouge with deformed white quartz veining at upper contact [see point structures]
280	280.2	FZ	300.0%	BFZ	black graphitic phyllite gouge at contact between phyllite unit with intensely graphitic phyllite below
285.78	288.6	QZVN	300.0%	SHTV	Frequent, 0.5-2cm thick, deformed, folded, So concordant quartz-iron-carbonate veinlets in graphitic phyllite

Mineralisation

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From:	To:	Comments	Mineral	Percent	Distribution
21.5	21.9	disseminated pyrite withing veinlets: green chlorite bands in bedding concordant, sheeted quartz veinlets over 40cm interval	py	0.4	vn
58	59	disseminate pyrite in fragments of shattered, crushed contacts fo massive white quartz vein	py	0.4	vn
83	83.5	disseminated pyrite in vuggy, gouged quartz-iron-carbonate veinlets withing phyllite gouge	py	0.2	vn
87.4	87.5	disseminated pyrite in gouge at lithological contact	py	0.5	gouge
87.5	95.6	fine-grained disseminated in matrix of foliated quartz conglomerate breccia with lense-like aligned quartz clasts and chloritic matrix seams	py	0.4	diss
87.5	94.6	very fine-grained disseminated in matrix of foliated quartz conglomerate breccia with lense-like aligned quartz clasts and chloritic matrix seams	asp	0.1	diss
87.9	88.1	thin arsenopyrite stringers in 20cm thick massive, quartz vein	asp	1	vn
88.8	88.95	tin arsenopyrite stringers in 15cm thick, massive quartz vein	asp	0.8	vn
94.6	95.6	intensely ot partially gouge graphitic phyllite be with sharp planar contacts and fine-grained disseminated arsenopyrite	asp	0.1	gouge
94.6	95.6	intensely ot partially gouge graphitic phyllite be with sharp planar contacts and fine-grained disseminated pyrite	py	0.7	gouge
95.6	113	euhedral up to 0.5mm diameter, arsenopyrite grains in densely distributed, milky white (generally not vuggy) quartz veining and also within silicified matrix as vein wallrock mineralization	asp	0.7	vn
95.6	113	occassionally fine-grained pyrite as vein wallrock mineralization in silicified sandstone and granule size quartz conglomerate	py	0.4	vn
113	116.9	disseminated pyrite in quartz-chlorite-iron-carbonate vein wedges	py	0.3	vn
113	116.9	disseminated arsenopyrite in quartz-chlorite-iron-carbonate vein wedges	asp	0.05	vn
116.9	120.15	rare disseminated arsenopyrite in quartz veining and silicified + chloritized wallrock	asp	0.05	vn
116.9	120.15	disseminated pyrite in quartz veining and silicified + chloritized wallrock	py	0.6	vn
122.1	128.4	rare, fine-grained, singular arsenopyrite graines along quartz vein boundaries	asp	0.05	vn
122.1	128.4	fine-graine pyrite grains and small clusters along quartz vein boundaries	py	0.4	vn
128.4	130.6	disseminated pyrite in quartz veining in phyllite-silt sequence	py	0.2	vn
130.6	130.8	fine-grained disseminated pyrite in sheared quartz veining	py	0.05	vn
130.8	131.8	rare disseminated pyrite in folded silt interbedding	py	0.01	diss
131.8	133.3	densely, fine-grained disseminated in phyllite gouge with deformed quartz veining	py	1	gouge
133.3	136.6	fine-grained disseminated in weakly silicified, coarse grained sandstone	py	0.2	diss
136.6	137.5	some, singular grains in semi-massive, sheeted quartz veining	asp	0.05	vn
136.6	136.6	disseminated (~0.5mm diameter) pyrite grains in semi-massive sheeted quartz veining	py	1	vn
137.5	138.4	partially gouge dingerval with deformed quartz veining and euhedral, <0.5mm diameter, disseminated pyrite	py	0.8	gouge
138.4	140.68	disseminated pyrite in quartz veining and vein wallrok	py	0.5	vn
140.68	144	fine-grained, disseminated pyrite in iron-carbonate and calcite altered quartz veining	py	0.2	vn
144	146.74	disseminated (~0.5mm grain diameter) pyrite in charcoal back phyllite gouge	py	0.6	gouge
146.74	150	fine-grained disseminated pyrite - predominantly in buff-crème gouge veining and tension vein arrays	py	0.3	vn
150	153	densely disseminated pyrite in gouged iron-carbonate-qartz vein fragments	py	0.3	vn
153	159	trace fine-grained disseminated pyrite in phyllite gouge with quartz-iron-carbonate vein fragments	py	0.1	gouge
159	163.8	fine-grained within gouged buff-crème iron-carbonate veinlets in phyllite fault zone	py	0.4	vn
163.8	164.8	up to 1mm diameter pyrite as disseminated wallrock mineralization in phyllite with quartz iron-carbonate tension vein arrays	py	1	vn
164.8	165.5	fine-grained disseminated in phyllite gouge	py	0.4	gouge
165.5	168	fine-grained disseminated in phyllite gouge	py	0.4	gouge

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From:	To:	Comments	Mineral	Percent	Distribution
168	173.47	very fine-grained disseminated pyrite in light-grey gouge with quartz vein fragments	py	0.1	gouge
173.47	177.1	very fine-grained disseminated in crushed quartz veining and silicified wallrock	asp	0.1	vn
173.47	177.1	very fine-grained disseminated in crushed quartz veining and silicified wallrock	py	0.3	vn
177.1	180	~0.5mm diameter disseminated arsenopyite in quartz veining and silicified wallrock	asp	0.3	vn
177.1	180	disseminated pyrite with variable grain diameters in quartz veining and in silicified wallrock	py	0.6	vn
180	183.2	fine-grained disseminated pyrite in quartz veinlets and silicified wallrock	py	0.3	vn
180	183.2	fine-grained disseminated arsenopyrite in quartz veinlets and silicified wallrock	asp	0.1	vn
183.2	184.3	trace fine-grained disseminated pyriet in phyllite gouge	py	0.05	gouge
184.3	188	fine-grained disseminated pyrite in So concordant, diffuse iron-carbonate seams	py	0.2	fol
188	192	fine-grained, densely disseminated in phyllite gouge	py	1.2	gouge
188	192	in quarz-iron-carbonate veinlets in phyllite gouge zone	py	0.1	vn
189	189.3	small pyrite clusters in quartz-iron-carbonate tension vein array in fault emplaced silicified sandstone wedge	py	3	vn
192	196.6	very fine-grained disseminated pyrite in crushed quartz veining in brittle fault zone	py	0.1	vn
196.6	202.7	disseminate pyrite and rare small blebs in deformed, buff quartz-iron-carbonate veinlets	py	0.1	vn
202.7	204	extremely fine-grained disseminated pyrite in black, soft sandy clay gouge	py	0.3	gouge
204	207.1	up to 1mm diameter pyrite grains disseminatedin deformed quartz-iron-carbonate veining in partially gouged, friable black phyllite	py	0.4	vn
207.1	208	fine-grained disseminated pyrite in deformed,crushed, quartz-iron-carbonate veining	py	0.2	vn
208	212.3	trace fine-grained disseminated pyrite in friable, graphitic phyllite	py	0.01	diss
212.3	217.15	extremely fine-grained (occassionally flattened/sheared) pyrite in matrix of black, graphitic phyllite	py	0.5	diss
217.15	217.49	trace fine-grained disseminated in graphitic phyllite gouge	py	0.1	gouge
217.49	220.2	extremely fine-grained (occassionally flattened/sheared) pyrite in matrix of black, friable, graphitic phyllite	py	0.1	diss
217.49	220.2	rare, extremely fine-grained arsenopyrite grains in friable, graphitic phyllite	asp	0.01	diss
220.2	220.6	densely disseminated fine-grained pyrite in quartz-iron-carbonate vein fragments in graphitic, black phyllite gouge	py	0.2	vn
220.6	223.5	fine-grained disseminated in black graphitic phyllite matrix	py	0.1	diss
223.5	232.4	up to 1mm diameter pyrite grains in <2cm thick quartz-iron-carbonate(-chlorite) veinlets	py	0.1	vn
223.5	232.4	trace fine-grained disseminated in phyllite matrix	py	0.05	diss
232.4	235	trace fine-grained disseminated pyrite	py	0.01	diss
235	255.9	trace fine-grained disseminate pyrite in weakly chloritized and seriticized sandstone	py	0.01	diss
255.9	260.75	trace fine-grained disseminated pyrite in phyllite-silt interbedding	py	0.05	diss
260.75	265.2	trace fine-grained disseminated pyrite in friable phyllite	py	0.01	diss
265.2	277.4	trace fine-grained dissemianted pyrite in phyllite; [50% recoverey of fault]	py	0.01	diss
277.4	278	fine-grained disseminated pyrite in graphitic gouge	py	2	gouge
277.4	278	pyrite stringers in deformed quartz-iron-carbonate veining in graphitic gouge [50% recovery of fault]	py	2	vn
278	280	trace fine-grained disseminated pyrite in phyllite	py	0.01	diss
280	280.2	up to 1mm diameter pyrite graines in graphitic gouge	py	1	gouge
280.2	285.8	fine-grained, semi-massive pyrite stringers along So	py	0.3	fol
285.8	289.45	fine-grained disseminated pyrite in deformed foliation concordant quartz-iron-carbonate veinlets	py	0.1	vn
289.45	294	up to 4mm diameter, semi-massive, very fine-grained pyrite stringers concordant to So	py	0.5	fol
294	298.9	small, very fine-grained, massive blebs in quartz-iron-carbonate veining	py	0.1	vn

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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	60	270	311				

From:	To:	Comments	Mineral	Percent	Distribution
294	298.9	very fine-grained, seim-massive, up to 4mm thick stringers concordant to so to deformed blebs and clusters (also fine-grained & semi-massive)	py	0.4	fol
298.9	308.2	occassional, So concordant, aligned, strechted deformed, fine-grained, semi-massive blebs	py	0.2	fol
308.2	311	small, deformed, streched, very fine-grained, semi-massive blebs in graphitic phyllite matrix and generally concordant to So\	py	0.3	fol
308.2	311	small, very fine-grained blebs in derformed quartz-iron-carbonate veinlets	py	0.1	vn

Point Structure

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
10	Bedding		So	LIM		40			compositional bedding in phyllite
18	Bedding		So			50			compositional bedding in phyllite
18.2	Bedding		So		Gouge	50			compositional bedding in phyllite preserved within ~1m width gouge intercept
21.5	Veins			chl	FOL	60			green chlorite bands in bedding concordant, sheeted quartz veinlets over 40cm interval
21.5	Veins			chl	SHTV	60			green chlorite bands in bedding concordant, sheeted quartz veinlets over 40cm interval
21.6	Bedding		So			60			compositional bedding in phyllite
22	Bedding		So			50			compositional bedding in phyllite
24	Bedding		So			55			compositional bedding in phyllite
26	Bedding		So			25			peak-to-peak of mulitiple parasitic, low amplitude folds along compositional bedding
26	Axial Plane		Fx			60			mulitple parasitic folds along So
27	Bedding		So			35			compositional bedding in phyllite
29.5	Bedding		So			40			compositional bedding in phyllite
35	Axial Plane		Fx			50			closed, <5cm amplitude fold profile
35.01	Bedding		So			5			compositional bedding on fold profile
35.01	Cleavage		S1			50			S1 intersects So at 65 degrees
36	Veins			chl	FOL	30			2 vuggy, rust-stained, ~4cm thick quartz chlorite veins
37.5	Bedding		So			50			compositional bedding in phyllite
37.75	Veins			ser	FOL	45			vuggy, ~2cm thick, rust-stained quartz vein with sericitized wall rock
38	Bedding		So			55			compositional bedding in phyllite
45	Bedding		So			60			compositional bedding in phyllite
48.1	Bedding		So		Gouge	60			gouge wedge bounding blocky more competent phylite along bedding cleavage
49.6	Bedding		So			0			peak-to-peak of multiple parasitic folds
49.6	Axial Plane		Fx			80			mulitple parasitic folds with parallel axial planes
51	Bedding		So			55			compositional bedding in phyllite
52	Bedding		So			55			compositional bedding in phyllite
53.4	Bedding		So			50			compositional bedding in phyllite
53.65	Bedding		So			40			compositional bedding in phyllite
53.9	Faults				Gouge	50			polished, chloritized plane within phyllite gouge
56.5	Bedding		So			50			compositional bedding in phyllite
57.7	Faults				AXP	70			axial planar calcite seams that off-set So
57.7	Axial Plane		Fx			70			multiple, very low amplitude parasitic fold profiles

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
57.7	Veins			cbt	AXP	70			calcite coated seams that run axial planar parallel to mulitiple, parasitic fold profiles
59	Bedding		So			70			compositional bedding in phyllite
60.5	Bedding		So			40			compositional bedding in phyllite
60.5	Veins			cbt	BOUD	70			2 parallel ~3mm thick boudinaged, quartz-calcite veinlets at 4cm width separation that intersect So at ~50 degrees
64.4	Bedding		So			48			compositional bedding in phyllite
64.4	Faults				Gouge	30			gouge emplaced at 30TCA and intersecting So at ~85 degrees
66.15	Faults				FOL	50			gouge emplaced at 50TCA and intersecting So at 65 degrees
66.15	Bedding		So			55			compositional bedding in phyllite
68	Bedding		So			55			compositional bedding in phyllite
70	Bedding		So			50			compositional bedding in phyllite
74.8	Bedding		So			50			compositional bedding in phyllite
76	Bedding		So			60			compositional bedding in phyllite
78	Bedding		So			60			compositional bedding in phyllite
80.5	Bedding		So			65			compositional bedding in phyllite
82	Bedding		So			45			compositional bedding in phyllite
83	Veins			fecb	Veinlets	30			buff-crème fragments of ~1.5cm thick iron-cabonate veinlets in phyllite gouge
84.5	Bedding		So			40			compositional bedding in phyllite
85	Axial Plane		Fx			70			1cm amplitude parasitic folding
86.5	Faults			fecb		60			iron-carbonate seam that off-sets So by ~1.5cm and that intersects So at ~ 40 degrees
86.5	Bedding		So			35			compositional bedding in phyllite
86.5	Veins			fecb		60			iron-carbonate seam that off-sets So
87	Bedding		So			30			compositional bedding in phyllite
87.5	Faults			py	Gouge	60			phyllite gouge above and foliated quartz breccia below
87.5	Contact			py	Gouge	60			phyllite gouge above and foliated quartz breccia below
87.9	Veins			asp	MASS	60			contact orientation of massive, ~20cm thick white quartz vein very thin, partially penetratative arsenopyrite stringers
88.3	Cleavage		Ssh	chl	bx matrix	60			alignment of dark grey chloritic matrix seams that surround stretched lenselike quartz clasts
88.8	Veins			asp	MASS	60			contact orientation of massive, ~20cm thick, slightly vuggy, white quartz vein very thin, partially penetratative arsenopyrite stringers
89.9	Cleavage		Ssh	chl	bx matrix	0			alignment of dark grey chloritic matrix seams that surround stretched lenselike quartz clasts
90	Faults			py		60			poorly recovered crush-gouge emplaced along smooth 60TCA plane at lower contact
91	Veins				FOL	55			~3cm thick white vein orienation with diffuse boundaries in sheared quartz conglomerate breccia -- concordant to Ssh
91	Cleavage		Ssh	chl	bx matrix	70			alignment of dark grey chloritic matrix seams that surround stretched lenselike quartz clasts
92	Veins				SHTV	50			repated ~1-2cm thick, undulated, weakly flex-folded or rotated quartz veins; ~5 veins over 70cm width
93.5	Cleavage		Ssh		bx matrix	60			alignment of dark grey chloritic matrix seams that surround stretched lenselike quartz clasts
94.6	Faults			asp	Gouge	65			Lithological contact: sheared quartz conglomerate breccia above and phyllite gouge below and sharp undulated, smooth, polished contact with disseminated sulfide vein mineralisation

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Plunge: 60 **Azimuth:** 270 **EOH:** 311

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
94.6	Contact			asp	Gouge	65			Lithological contact: sheared quartz conglomerate breccia above and phyllite gouge below and sharp undulated, smooth, polished contact with disseminated sulfide vein mineralisation
95	Cleavage		Sx		Gouge	40			distinct, polished cleavage orienation in friable, graphitic phyllite gouge
95	Cleavage		Sx			50			polished black cleavage planes in phyllite gouge - possibly original bedding planes
95	Cleavage		Sx		Gouge	70			distinct, polished cleavage orienation in friable, graphitic phyllite gouge
95.05	Contact				FOL	50			upper contact of 25cm thick sandstone interbed in phyllite gouge; concordant to foliation in phyllite gouge
95.05	Faults				FOL	50			upper contact of 25cm thick sandstone interbed in phyllite gouge; concordant to foliation in phyllite gouge
95.15	Veins			fecb	SHTV	30			repeated vein orientation in 25cm thick sandstone interbed within phyllite gouge fault - veining is cut-off at upper contact (faulting)
95.27	Cleavage		Sx	chl		55			dark grey aligned, chloritic lamellae in sandstone interbed
95.3	Veins				FOL	55			vuggy vein orienation in 25cm thick sandstone interbed, cut-off by phyllite gouge and concordant to alignment of chloritic lamellae in sandstone
95.3	Contact					65			lower contact of 25cm thick sandstone interbed in phyllite gouge
95.3	Faults					65			lower contact of 25cm thick sandstone interbed in phyllite gouge
95.6	Contact				Gouge	80			lithological contact with phyllite gouge above and quartz veined silicified sandstone below
95.6	Faults				Gouge	80			lithological contact with phyllite gouge above and quartz veined silicified sandstone below
95.9	Cleavage		Sx	chl		40			alignment of wispy chloritic, grey matrix seams
95.9	Veins		V2	fecb		30			V2 crosscuts V1, intersection angle: 60 degrees
95.9	Veins		V1	fecb	FOL	40			concordant to wispy chloritic matrix seams
96.6	Veins		V2	fecb	FOL	45			V1 - V2 intersection angle: 55 degree
96.6	Cleavage		Sx	chl		45			alignment of wispy chloritic, grey matrix seams
96.6	Contact					85			phyllite inerbed wedge below and sheared quartz breccia above; contact intersects phyllite So at ~60 degree
96.6	Veins		V1	fecb		25			cut-off by V2
96.62	Bedding		So			35			friable, narrow phyllite interbed wedge
97.7	Faults			asp	Gouge				narrow (10-20cm width) crush gouge interval; no defining planar orienation
98.7	Cleavage		Sx	chl		30			alignment of wispy chloritic, grey matrix seams
98.7	Veins			fecb	SHTV	50			repeated ~1cm width veinlets over 30cm interval; intersect Sx at ~80 degree
100	Veins			fecb					multiply folded ~0.5cm thick, undulated, low core angle quartz-iron-carbonat veinlets with axial planes concordant to Sx
100	Axial Plane		Fx		FOL	30			multiply folded ~0.5cm thick, undulated, low core angle quartz-iron-carbonat veinlets with axial planes concordant to Sx
100	Cleavage		Sx	chl		30			alignment of wispy chloritic, grey matrix seams
100.7	Veins			fecb	SZB				shear zone boundary intersects Sx at ~60 degrees
100.7	Cleavage		Sx	chl		50			alignment of wispy chloritic, grey matrix seams
100.7	Veins			fecb	TVA	60			tension veins intersect Sx at ~20 degrees
100.9	Cleavage		Sx			75			alignment of wispy chloritic, grey matrix seams; flex-folded/rotated
100.9	Veins			fecb	SZB	25			shearzone boundary of tension vein array intersects Sx at 70 degrees
100.9	Veins			fecb	TVA	75			concordant to Sx; some veins are flex-folded/rotated

Abbreviations: Rock Code = lithology; Text = textural modifier; Prop = % proportion of interval; Clasts = sedimentary clasts or igneous phenocrysts, or metamorphic porphyroblasts; CI = competency index (co-competent; fr-friable; br-broken; lc-lost core); SI = strain index (0 - 4: undeformed to high strain)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
102.5	Veins			asp		5			undulated, 3-6cm thick arsenopyrite mineralized, white vein that is not fully penetrative at lower contact (large scale tension vein array?)
103	Veins		V2	fecb	SHTV	25			buff iron-carbonate seams that intersect Sx at 50 degrees and that cross-cut V1 at ~30 degrees
103	Veins		V1	fecb		15			multiply folded, thin veinlet with axial planes concordant to Sx; intersects Sx at ~50 degrees; 15 degree peak-to-peak plane
103	Axial Plane			fecb	FOL	50			multiply folded, thin veinlet with axial planes concordant to Sx
103	Cleavage		So			50			alignment of wispy chloritic, grey matrix seams
104.4	Cleavage		Sx	chl		50			alignment of wispy chloritic, grey matrix seams and stretched white quartz ribbons
104.8	Cleavage		Sx	chl		45			alignment of wispy chloritic, grey matrix seams
105	Veins			fecb	FOL	45			possible deformed tenstion vein array, concordant to Sx
105	Veins			fecb	SHTV	45			possible deformed tension vein array
105.4	Veins			fecb	FOL	35			Sx concordant tension vein array
105.4	Cleavage		Sx	chl		35			alignment of wispy chloritic, grey matrix seams
105.4	Veins			fecb	TVA	35			Sx concordant tension vein array
107.5	Cleavage		Sx			48			alignment of wispy chloritic, grey matrix seams
107.5	Veins		V1	fecb	SHTV	70			densely spaced vein seams that intersect Sx at 70 degrees
107.7	Veins		V2	asp		25			V2 cross-cuts V1
108	Veins			cy	SHTV	30			multiple white clay gouge seams
108	Veins			cy	Gouge	30			multiple white clay gouge seams
109.1	Cleavage		Sx	chl		70			alignment of wispy chloritic, grey matrix seams
110.1	Veins			asp		40			vein contact concordant arsenopyrite stringers in late stage 5cm thick quartz vein that also contains 3mm diameter euhedral arsenpyrite grains; vein cross-cuts older vein orienations
110.8	Faults			cy					~10cm soft plastic crush wedge with gradual transition at vein-wallrock boundary; no planar orientation
110.9	Veins				SHTV	60			three, close spaced, parallel white quartz veinlets that intersect Sx at 60 degrees
110.95	Cleavage		Sx	chl		60			alignment of wispy chloritic, grey matrix seams
112.8	Veins			chl	MASS	30			~20cm thick low core angle quartz vein (upper vein contact) with green chlorite wisps
113	Contact					80			lithological contact with white quartz vein above and chloritized phyllite unit below; vein is low core anlge and is cut off at contact
113	Faults					80			lithological contact with white quartz vein above and chloritized phyllite unit below; vein is low core anlge and is cut off at contact
113.4	Bedding		So			48			compositional bedding in phyllite
113.45	Veins			chl	FOL	48			several, densely spaced foliation concordant, quartz-chlorite veinlets
113.45	Veins			chl	SHTV	48			several, densely spaced foliation concordant, quartz-chlorite veinlets
114.7	Bedding		So			30			compositional bedding in phyllite with small cink-folds
114.7	Veins			chl	AXP	70			axial planar quartz-chlorite veinlets to cink folds in compositional bedding in phyllite
116	Veins			chl	SHTV	70			repeated, parallel quartz-chlorite vein wedges and seams
116.4	Bedding		So			30			compositional bedding in phyllite
117.3	Veins				FOL	70			5cm thick vein concordant to Sx
117.9	Cleavage		Sx	chl		70			alignment of densely spaced dark grey chloritic seams (+ slight stretching of quartz clasts) in granule size conglomerate

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
118	Veins			fecb	SHTV	80			alignment of densely spaced, partially penetrative thin quartz ribbons with diffuse boundaries
119.6	Cleavage		Sx	chl		45			alignment of dark grey, chloritic wispy seams
119.6	Veins				SHTV	15			undulated ~4cm thick, white quartz veins that intersect Sx at ~40 degrees
120.15	Contact				FOL	35			sharp competent contact between granule sizec conglomerate above and phyllite below
120.16	Bedding		So			35			compositional bedding in phyllite
120.2	Bedding		So			5			compositional bedding in phyllite on fold nose
120.2	Cleavage		S1			40			fabric on fold nose; S1 intersects So at 30 degrees
120.9	Bedding		So			35			compositional bedding in phyllite
121	Veins				FOL	35			several grey, So concordant quartz veinlets
122.1	Contact				FOL	30			phyllite above and sandstone below; crushed and friable; concordant to phyllite So
122.4	Veins			fecb	SHTV	40			repeated vein orientation of 2cm thick veinlets with 3 veinlets per 60cm
124.8	Veins			fecb	SHTV	38			repated vein orientation
126	Veins			cy	SHTV	30			4 densely spaced, vuggy, ~3cm thick veinlets over 30cm width
128.3	Cleavage		Sx	chl		50			alignment of wispy chloritic matrix seams
128.4	Bedding		So			30			phyllite compositional bedding
128.4	Contact				FOL	30			sharp contact between sandstone above and phyllite below concorantto phyllite So
129.2	Veins			fecb	AXP	60			several iron-carbonate seams that run axial planar on ~20cm width fold nose
129.2	Bedding		So			5			compositional bedding on upper fold limb
129.22	Bedding		So			0			compositional bedding on fold nose
129.24	Bedding		So			5			compositional bedding on lower fold nose
130	Veins			fecb	SHTV	55			densely spaced, parallel iron carbonate seams in phyllite
130.6	Veins			chl	QBX	70			sharp upper contact of ~20cm thick quartz vein with sheared, brecciated appearance and deformed chloritic seams
130.6	Contact			chl	QBX	70			sharp upper contact of ~20cm thick quartz vein with sheared, brecciated appearance and deformed chloritic seams
130.7	Cleavage		Ssh	chl	QBX	65			aligned chloritic seams in sheared, brecciated massive quartz veining
130.8	Veins			chl	QBX	65			sharp lower contact of ~20cm thick quartz vein with sheared, brecciated appearance and deformed chloritic seams
130.8	Contact			chl	QBX	65			sharp lower contact of ~20cm thick quartz vein with sheared, brecciated appearance and deformed chloritic seams
130.85	Veins				TVA	25			mulitple thin tenstion vein arrays that intersect massive sheared quartz vein contact at ~50 degrees
131	Bedding		So			25			compositional bedding in silt
131.43	Bedding		So			0			compositional bedding on fold nose
131.65	Veins			chl	FOL	20			disrupted, partially penetrative quartz-iron-carbonate-chlorite veinlets concordant to So
131.65	Bedding		So			20			compostional bedding in phyllite
131.8	Veins			fecb	TVA	5			mulitple, buff-crème tension seams
133	Cleavage		Ssh	py	QBX	55			strecthed, lense-like quartz clasts surrounded by black phyllite-sourced matrix seams and with shear parallel pyrite stringers
133.6	Veins			fecb	SHTV	20			prominent 1mm-4cm thick, quartz-iron-carbonate veins over 1.3m interval
133.8	Faults				Gouge	55			emplacement of phyllite gouge (above) along more competent phyllite with brecciated texture (below)

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
135.5	Cleavage		Sx	chl		30			alignment of dark grey chloritic matrix seams in sandstone
136.1	Veins		V2	fecb		55			2cm thick quartz vein that cuts off sheeted V1 veins
136.1	Faults		V2	fecb		55			2cm thick quartz vein that cuts off sheeted V1 veins
136.1	Veins		V1	fecb	SHTV	20			densely packed sheeted veinlets that are cut of by V2; V1 & V2 intersect at 70 degrees
136.6	Veins			cy	SHTV	55			semi-massive sheeted, white quartz veining with white clay along open and healed fractures
137.48	Cleavage		Sx	chl		85			alignment of wispy dark grey, chloritic matrix seams in sandstone
137.9	Cleavage		Sx	py	Gouge	70			smooth, polished cleavage with in sand-sourced, grey, pyrite mineralized fault gouge
138.4	Faults			py	Gouge	60			mineralized, sand-sourced fault gouge that cuts off sheeted quartz veining
138.41	Veins				SHTV	20			2 parallel, ~1-2cm thick quartz veins that are cut-off by gouge fault below; fault gouge and veins intersect at 60 degrees.
139	Veins			fecb	SHTV	55			repeated, parallel, partially penetrative quartz-iron-carbonate seams
139.8	Veins		V2	fecb	SHTV	65			repeated, 2-3cm thick quartz veins over 1m distance that cross-cut V1
140	Veins		V1	fecb	SHTV	15			undulated, low core angle, 2cm thick quartz veins that are cross-cut by V2; V1 and V2 intersect at ~70 degrees
140.68	Bedding		So	py		75			compositonal bedding in phyllite; lithological contact is faulted and concordant to compositional bedding
140.68	Faults			py		75			sandstone above and phyllite below; sharp and competent; contact cuts off veining in sandstone
140.68	Contact			py	FOL	75			sandstone above and phyllite below; sharp and competent; contact cuts off veining in sandstone
141.1	Veins			fecb	TVA	50			quartz-iron-carbonate tension vein array that intersects So at 90 degrees
141.2	Bedding		So			85			compositional bedding in phyllite
141.2	Veins			cbt	Gouge	40			soft-friable, 3cm thick vein in friable phyllite; vein intersects So at 55 degrees
141.5	Bedding		So			55			compositional bedding in phyllite
142.8	Bedding		So			48			compositional bedding in phyllite
143.4	Bedding		So			20			compositional bedding in phyllite
143.4	Cleavage		S1			60			on open fold profile
143.6	Bedding		So			20			compositional bedding in phyllite
147	Bedding		So			70			compositional bedding in phyllite
147.4	Veins			fecb	TVA	10			partially gouged, buff-crem tension array over 12cm width
148	Bedding		So			25			compositional bedding in phyllite
149.3	Bedding		So			45			compositional bedding in phyllite
149.3	Veins			fecb	TVA	45			buff-crème iron-carbonate tension vein arrays; TVA intersect So at 55 degrees
151	Bedding		So			55			compositional bedding in phyllite
153.5	Bedding		So			70			compositional bedding in phyllite
154.8	Bedding		So			40			compositional bedding in phyllite
154.85	Bedding		So			0			compositional bedding in phyllite
154.85	Cleavage		S1			70			open fold profile
154.95	Bedding		So			20			compositional bedding in phyllite
157	Bedding		So			30			compositional bedding in phyllite
158.7	Bedding		So			55			compositional bedding in phyllite
161.2	Bedding		S1			70			discernible fabric

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Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
161.2	Bedding		So			90			compositional bedding in phyllite
163.9	Bedding		So			70			compositional bedding in phyllite
163.9	Axial Plane		Fx	fecb	FOL	70			multiply folded buff veinlet wit axial planes of folds concordant to So in phyllite
165	Bedding		So			80			compositional bedding in phyllite
165	Veins			fecb	TVA	20			buff-crème tension vein arrays that intersect So at ~70 degrees
167.1	Veins			fecb	TVA	10			multiple, buff-crème, parallel tension vein array seams
173.7	Veins				Veinlets	70			repeated vein orientation in fault zone
173.7	Veins				Veinlets	20			repeated vein orientation in fault zone
177.1	Veins			asp	SHTV	50			diffuse, <1cm thick, mineralzed veinlets: 4 veinlets over 15cm width
178.8	Veins				SZB	50			shear zone boundary of mineralized tension vein array
178.8	Veins			py	TVA	5			sulfide mineralized tension vein array
179.4	Veins			py	Veinlets	20			mineralized, ~1cm thick vein orientation
180.1	Cleavage		Ssh	chl		60			localizied stretching of quartz clasts rimmed by dark grey, aligned, chloritic seams
183.2	Faults				Gouge	70			Lithological contact with conglomerate above and gouged phyllite below; contact along smooth polished plane
183.2	Contact				Gouge	70			Lithological contact with conglomerate above and gouged phyllite below; contact along smooth polished plane
183.5	Veins			fecb		30			pyrite mineralized, 1cm thick quartz veinlet
184.3	Veins			fecb	TVA	40			buff-crème tension vein array at lower fault ; TVA intersects So at 65 degrees
184.3	Bedding		So			30			compositional bedding in phyllite
185	Bedding		So			55			compositional bedding in phyllite
185.7	Bedding		So			50			compositional bedding in phyllite
185.7	Cleavage		So			38			S1 intersects So at 20 degrees
186.3	Bedding		So			50			compositional bedding in phyllite
186.3	Cleavage		S1			30			S1 intersects So at 20 degrees
187.4	Cleavage		So			30			S1 intersects So at 20 degrees
187.4	Bedding		So			50			compositional bedding in phyllite
187.9	Bedding		So			60			compositional bedding in phyllite
187.9	Cleavage		S1			40			S1 intersects So at 20 degrees
188	Veins			py	bx matrix	40			2cm thick, pyrite cluster mineralized quartz vein with angluar phyllite clasts inclusions; marks upper contact of phyllite gouge fault; intersects So at 20 degrees
189.2	Veins			py	TVA	30			pyrite mineralized tension veins in fault emplaced, ~30cm thick sandstone interbed
189.3	Faults				Gouge	85			silicified sandstone bed above and phyllite gouge below; cuts off veining in sandstone
189.3	Contact				Gouge	85			silicified sandstone bed above and phyllite gouge below; cuts off veining in sandstone
189.4	Veins			py	TVA	15			pyrite bleb tension veinlets in gouged phyllite; TVA intersect So at ~70 degrees
189.4	Bedding		So		Gouge	70			compositional bedding in friable, gouged phyllite
191.7	Bedding		So		Gouge	70			compositional bedding cleavage in gouged phyllite
195.3	Veins			fecb	SHTV	40			3 closely spaced, 2cm thick, parallel white quartz veins over 20cm width in block sandstone fragment in fault zone
197.5	Bedding		So			55			compositional bedding in phyllite

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198.5	Bedding		So			55			compositional bedding in phyllite
198.5	Faults			py	Gouge	75			fault gouge emplaced along 75TCA pyrite mineralzied veinlet; gouge plane intersects So at 45 degree
198.65	Bedding		So			55			compositional bedding in phyllite on uper parasitic fold limb
198.67	Axial Plane				FOL	55			tight parasitic fold profile concordant to So
198.7	Bedding		So			55			compositional bedding in phyllite on lower parasitic fold limb
199	Bedding		So			62			compositional bedding in phyllite
199.8	Bedding		So			70			compositional bedding in phyllite
199.8	Cleavage		S1			55			S1 intersects So at 15 degrees
200	Bedding		So			60			compositional bedding in phyllite
200	Veins			fecb	TVA	15			pyrite-mineralized, buff iron-carbonate tension vein array that intersects So at 90 degrees
201	Bedding		So			68			compositional bedding in phyllite
202.4	Bedding		So			68			compositional bedding in phyllite
202.4	Veins			fecb	TVA	50			thin, buff, tension seams that intersect So at 70 degrees
204	Veins			fecb	Gouge	70			5cm thick quartz vein with 1.3m sandy clay gouge interval at upper contact
204.5	Bedding		So			60			compositional bedding in intensely black, graphitic phyllite
205.9	Veins			py	TVA	30			pyrite bleb mineralized, quartz-iron-carbonate tension veins in partially gouged, graphitic phyllite; TVA intersect So at 55 degrees
205.9	Bedding		So			45			compositional bedding in in gouged graphitic phyllite
207.9	Bedding		So			65			compositional bedding in phyllite
207.9	Veins			py	SHTV	30			repated partially penetrative, pyrite mineralized quartz-iron-carbonate vein seams; sets of 2-3 layered veinlets with 3 sets per 1.5m; veinlets intersect So at ~90 degrees
208.02	Veins			py	Gouge	55			pyrite mineralized thin vein seam with 4mm gouge coating
210	Bedding		So			65			compositional bedding in phyllite
211	Bedding		So			60			compositional bedding in phyllite
212	Bedding		So			40			compositional bedding in phyllite
212.5	Veins			py	TVA	15			deformed, pyrite mineralized quartz-iron-carbonate tension vein arrays over 1m distance. Less deformed arrays intersect So at 60 degrees.
212.5	Bedding		So			50			compositional bedding in phyllite
214.2	Bedding		So			60			compositional bedding in phyllite
215	Bedding		So			50			compositional bedding in phyllite
215.8	Veins			py	Veinlets	30			localized pyrite mineralized quartz-iron-carbonate seams
216	Bedding		So			30			compositional bedding in phyllite
216	Veins			fecb	SHTV	40			mulitple, densely spaced, buff-crème seams that intersect So at 60 degrees
217.15	Veins			fecb	SHTV	35			densely spaced, lenselike, parallel vein wedges in partially gouged graphitic phyllite interval
219.6	Bedding		So			35			compositional bedding in phyllite
220.2	Faults				Gouge	55			upper contact of intense gouge zone from 220.2-220.6m in graphitic phyllite
222	Bedding		So			40			compositional bedding in phyllite
222.7	Veins			fecb	bx matrix	45			So concordant, 3cm thick quartz vein wedge with angular phyllite clast inclusions
222.8	Bedding		So			50			compositional bedding in phyllite
224	Bedding		So			45			compositional bedding in phyllite

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225.4	Cleavage		S1			20			S1 intersects So at 30 degrees
225.4	Bedding		So			42			compositional bedding in phyllite
226	Bedding		So			40			compositional bedding in phyllite
228	Bedding		So			40			compositional bedding in phyllite
231	Bedding		So			35			compositional bedding in phyllite
231.3	Veins			fecb		40			1cm thick veinlet that intersects So at 13 degrees
232.1	Bedding		So			30			compositional bedding in phyllite
232.1	Veins			chl	TVA	0			quartz-chlorite-iron-carbonate, pyrite minealzed tension vein array that intersects So at 50 degree
233				fecb	Veinlets	70			repeated deformed vein orienation
233.6	Bedding		So			30			compositional bedding in phyllite interbed wedge
233.6	Cleavage		S1			30			S1 in phyllite interbed wedge intersects at 50 degrees
233.6	Veins			fecb	FOL	30			1cm thick veinlet in friable phyllite; concordant to So
234	Veins			fecb	SHTV	50			repeated, densely spaced, <1mm thick, buff-crème, parallel iron-carbonate seams over 2m width and crossing lithological contact [intersect So at ~60 degrees]
235	Faults			py	Gouge	50			fine-grained pyrite in 3cm thick, gouged iron-carbonate wedge bounding competent rock
235.6	Cleavage		Sx	chl		50			alignemt of wispy dark grey chlorite seams in sandstone
236.6	Veins			fecb	Veinlets	40			repeated buff-crème iron-carbonate seams that intersect Sx at 60 degrees
237.5	Veins			fecb	STWK	70			densely spaced, wispy buff-crème, dominantly high core angle seams
239.6	Veins			fecb	bx matrix	60			vuggy veinlets with buff-crème wispy overprints; veinlets rim 1-2cm diameter, angular sandstone clasts
241	Cleavage		Sx	chl		60			alignemt of wispy dark grey chlorite seams in sandstone
243	Veins			fecb	Veinlets	50			repeated, wispy, buff-crème iron-carbonate seams in grey sandstone
244.4	Cleavage		Sx	chl		60			alignemt of wispy dark grey chlorite seams in sandstone
245	Veins		V2	fecb		50			V2 offsets V1, 80 degree intersection angle
245	Veins		V1	fecb		30			V1 intersects Sx at ~ 15 degrees
245	Cleavage		Sx	chl		60			alignemt of wispy dark grey chlorite seams in sandstone
246.15	Veins			fecb		40			3cm thick qtz-fecb vein that intersects Sx at ~70 degrees
246.15	Cleavage		Sx	chl		45			alignemt of wispy dark grey chlorite seams in sandstone
248	Veins			fecb	SHTV	35			1cm thick parallel veinlets at ~30cm spacing over ~1.2m width; veinlets intersect Sx at 90 degrees
248	Cleavage		Sx	chl		50			alignemt of wispy dark grey chlorite seams in sandstone
250.4	Cleavage		Sx	chl		55			alignemt of wispy dark grey chlorite seams in sandstone
250.4	Veins			fecb	Veinlets	35			fragmented, 2cm thick, qtz-fecb veins that intersect Sx at 80 degrees
251	Cleavage		Sx	chl		35			alignemt of wispy dark grey chlorite seams in intensely chloritized sandstone
251.1	Faults				Gouge				partially recovered, soft, dark grey fault gouge; no planar orienation measurment possible
253	Cleavage		Sx	chl		40			alignemt of wispy dark grey chlorite seams in sandstone
255.9	Contact			chl		50			massive chloritized quartz vein at lithological contact
255.9	Contact			chl	MASS	50			partially recovered, ~30cm thick quartz vein with chlorite wisps at lithological contact
257	Bedding		So			40			compositional bedding in phyllite wedge
257.96	Veins			fecb		50			folded, deformed, ~4mm thick veinlet
258.5	Bedding		So			42			compositional bedding in black silt-sandstone sequence

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
259.8	Veins			fecb	TVA	40			partially penetrative tension veins
260.2	Veins			fecb	bx matrix	60			2cm thick buff-crème veinlet with angular phyllite clasts inclusions; brecciated veinlet intersects So at 50 degrees
260.2	Bedding		So			45			compositional bedding in phyllite-silt-sand sequence
261.3	Bedding		So		bx matrix	45			phyllite gouge that retains compositional bedding and has angular phyllite clasts in gouge matrix
263	Bedding		So	fecb		50			compositional bedding in phyllite-silt-sand sequence with wispy iron-carbonat overprints
263.7	Veins			fecb		15			1cm thick veinlet off-set by 2mm long So; vein intersects So at 70 degrees
263.7	Bedding		So			50			compositional bedding in phyllite-silt-sand
263.7	Faults				FOL	50			1cm thick veinlet off-set by 2mm long So
264.8	Bedding		So			45			compositional bedding in phyllite-silt
264.95	Veins			fecb	SHTV	45			So concordant densely spaced, semi-massive quartz veining with contact concordant graphitic phyllite seams in veining [25cm width]
266	Veins			fecb	SHTV	50			repeated thin iron-carbonate seams over 6m interval that intersect So at 70 degrees; ~3-4 vein seams per m
266	Bedding		So			50			compositional bedding in phyllite
269	Bedding		So			50			compositional bedding in phyllite
269.2	Veins			fecb	SZB	30			intersection angle of SZB & TVA: 50 degree
269.2	Veins			fecb	TVA	35			branching iron-carbonate seams that off-set So; TVA intersect So at 70 degrees
271.5	Bedding		So			65			compositional bedding in phyllite
272.3	Veins			fecb	Veinlets	35			repeated iron-carobonate seams that intersect So at 70 degrees
275.8	Bedding					65			compositional bedding in phyllite
275.8	Veins		V2	fecb	TVA	20			V2 off-sets V1 & intersects V1 & So at right angles
275.8	Veins		V1	fecb	FOL				concordant to So
275.8	Faults			fecb	Veinlets	20			V2 off-sets V1 & intersects V1 & So at right angles
276.5	Bedding		So			45			V2 off-sets V1 & intersects V1 & So at right angles
276.5	Cleavage		S1			5			S1 intersects So at 30 degrees
277.3	Bedding		So			55			compositional bedding in graphitic phyllite
277.4	Veins			py	FOL	50			deformed vein wedges concordant to So in graphitic fault gouge
277.45	Faults			py	Gouge	50			graphitic fault gouge with densely dissminated pyrite concordant to So
277.45	Faults			py	FOL	50			graphitic fault gouge with densely dissminated pyrite concordant to So
278	Faults				Gouge	55			Lower contact of graphitic fault gouge [277.4-278m with 50% recovery]
278	Faults				FOL	55			Lower contact of graphitic fault gouge [277.4-278m with 50% recovery]
279.1	Faults			fecb		35			iron carbonate seams that off-set So by 2-3mm and intersect So at 90 degree
279.1	Veins			fecb		35			iron carbonate seams that off-set So by 2-3mm and intersect So at 90 degree
279.1	Bedding		So			55			compositional bedding in graphitic phyllite
280.22	Bedding		So			60			compositional bedding in graphitic phyllite
282.4	Bedding		So			50			compositional bedding in graphitic phyllite
282.4	Contact		V1	py	FOL	50			4mm thick, fine-grained, semi-massive pyrite stringer concordant to So
282.4	Veins		V2	fecb		20			iron carbonate vein seam that off-sets V1

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
282.4	Faults		V2	fecb	Veinlets	20			iron-carbonate vein seam that off-sets V1 by severall millimeters; V2 intersects V1 (&So) at 60 degrees
282.5	Faults				FOL	50			4cm thick gouge seam bounded by more competent rock along So
282.5	Faults				Gouge	50			4cm thick gouge seam bounded by more competent rock along So
283.6	Veins		V2	fecb	Veinlets	15			V2 off-sets V1 (both thin iron-carbonate-quartz seams); V2 intersects V1 at 65 degrees
283.6	Veins		V1	fecb	FOL	55			thing iron-carbonate-quartz seams concordant to So
283.6	Veins		V2	fecb	Veinlets	15			V2 off-sets V1 (both thin iron-carbonate-quartz seams)
283.6	Bedding		So			55			compositional bedding in graphitic phyllite
284.9	Veins			fecb	FOL	45			Densely spaced, So concordant, quartz ribbons rimmed by black phylite seams [~10 veins voer 10cm interval]
284.9	Veins			fecb	SHTV	45			Densely spaced, So concordant, quartz ribbons rimmed by black phylite seams [~10 veins voer 10cm interval]
285.3	Bedding		So			55			compositional bedding in graphitic phyllite
286	Veins			fecb	FOL	55			Narrow, 10cm width, softened wedge concordant to So with concordant quartz-iron-carbonate veining
286	Faults				FOL	55			Narrow, 10cm width, softened wedge concordant to So with concordant quartz-iron-carbonate veining
286	Faults				Gouge	55			Narrow, 10cm width, softened wedge concordant to So with concordant quartz-iron-carbonate veining
286.5	Veins			fecb	SHTV	55			Frequent, 0.5-2cm thick, deformed, folded, So concordant quartz-iron-carbonate veinlets
286.5	Veins			fecb	FOL	55			Frequent, 0.5-2cm thick, deformed, folded, So concordant quartz-iron-carbonate veinlets
288.7	Bedding		So			55			compositional bedding in graphitic phyllite
289.45	Faults				Gouge	40			2cm thick gouge wedge in graphitic phyllite
291.4	Veins			py	FOL	50			frequent 2-20mm thick, very fine-grained, semi-massive pyrite stringer veinlets concordant to So
291.4	Bedding		So			50			compositional bedding in graphitic phyllite
291.4	Veins			py	SHTV	50			frequent 2-20mm thick, very fine-grained, semi-massive pyrite stringer veinlets concordant to So
293	Bedding		So			60			compositional bedding in graphitic phyllite
294.1	Axial Plane		Fx	py		20			stretched, aligned pyrite bleb along axial plane of flex fold in compositional bedding
294.1	Bedding		So			70			flex folding in compositional bedding in graphitic phyillite
296.5	Veins			chl	FOL	40			densely spaced, deformed, greenish vein seams (5 over 2cm width) concordant to locally shallowed So
296.5	Veins			chl	BOUD	40			densely spaced, deformed, greenish vein seams (5 over 2cm width) concordant to locally shallowed So
297.4	Veins			fecb	SHTV	20			partially penetrative iron-carbonae seams that off-set So
297.4	Faults			fecb	SHTV	20			partially penetrative iron-carbonae seams that off-set So
297.4	Veins			fecb	FOL	50			deformed quartz-iron-carbonate seams concordant to So
297.4	Veins			fecb	SHTV	50			deformed quartz-iron-carbonate seams concordant to So
297.4	Bedding		So			50			compositional bedding in graphitic phyllite
298.6	Veins			fecb	bx matrix	50			~6cm thick, deformed quartz wedge concordant to So ant with angular phyllite clast inculsions
298.6	Bedding		So			50			compositional bedding in graphitic phyllite
298.8	Faults				bx matrix	50			breccia textured, graphitic phyllite, ~3cm thick gouge seam; intersects So at 80 degrees
298.8	Bedding		So			50			compositional bedding in graphitic phyllite
302.4	Axial Plane		Fx			50			mulitple parasitic folds on 20cm width fold profile
302.4	Bedding		So			5			compositional bedding in graphitic phyllite on 20cm width fold profile
302.42	Veins			fecb	AXP	50			singular axial planar parallel veinlet on 20cm width fold profile

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Depth	Structure	struct_code	Generation	Coating	Habit	CA	Beta_Angle	Gamma	Comments
303.3	Bedding		So			40			compositional bedding in graphitic phyllite
303.3	Veins			fecb	bx matrix	40			deformed web-like iron-carbonate seams framework with angular phyllite inclusions; vein intersects So at right angle
304.6	Bedding		So			35			compositional bedding in graphitic phyllite on 20cm width fold profile
304.8	Faults					40			lower contact of ~10cm width sandstone wedge with veining in sandstone cut-off at contacts with graphitic phyllite
304.8	Contact					40			upper contact of ~10cm width sandstone wedge with veining in sandstone cut-off at contacts with graphitic phyllite
304.9	Contact					40			upper contact of ~10cm width sandstone wedge with veining in sandstone cut-off at contacts with graphitic phyllite
304.9	Faults					40			lower contact of ~10cm width sandstone wedge with veining in sandstone cut-off at contacts with graphitic phyllite
305.95	Axial Plane			py		30			closed parasitic fold profile with stretched pyrited wisps aligned parallel to axial plane
306.2	Bedding		So			25			compositional bedding in graphitic phyllite on 20cm width fold profile
306.2	Cleavage		S1			60			S1 intersects So at 40 degrees
308	Bedding		So			40			compositional bedding in graphitic phyllite on 20cm width fold profile
308.2	Veins			py	FOL	60			stretched, deformed 1-3cm thick, ribboned, densely spaced veinlets over 20cm width; concordant to So
308.2	Veins			fecb	SHTV	60			stretched, deformed 1-3cm thick, ribboned, densely spaced veinlets over 20cm width; concordant to So
310.3	Veins			chl	SHTV	60			densely spaced seams over 10cm width that intersect So at 10 degrees; multiply folded
310.3	Veins			chl	SHTV	30			densely spaced seams over 10cm width; multiple folded and deformed; intersect So at 45 degrees [posibbly concordant to S1]
310.3	Bedding		So			70			compositional bedding in graphitic phyllite on 20cm width fold profile
310.96	Veins			fecb	FOL	30			3cm thick quartz-iron-carbonate veinlet concordant to So
311	Bedding		So			30			compositional bedding in graphitic phyllite on 20cm width fold profile

Assay Samples

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31553	7.5	9	2011	Expl Geochem	H-split	MT-Phy
31554	7.5	9	2011	DUP	Q-Split	MT-Phy
31555	7.5	9	2011	Blank	LWS_2011	
31556	9	12	2011	Expl Geochem	H-split	MT-Phy
31557	12	15	2011	Expl Geochem	H-split	MT-Phy
31558	15	18	2011	Expl Geochem	H-split	MT-Phy
31559	18	21	2011	Expl Geochem	H-split	MT-Phy
31560	21	24	2011	Expl Geochem	H-split	MT-Phy
31561	24	26	2011	Expl Geochem	H-split	MT-Phy
31562	26	28	2011	Expl Geochem	H-split	MT-Phy
31563	28	30	2011	Expl Geochem	H-split	MT-Phy
31564	30	33.5	2011	Expl Geochem	H-split	MT-Phy
31565	33.5	36	2011	Expl Geochem	H-split	MT-Phy
31566	36	38	2011	Expl Geochem	H-split	MT-Phy
31567	38	39	2011	Expl Geochem	H-split	MT-Phy
31568	39	45	2011	Expl Geochem	H-split	MT-Phy
31569	45	48	2011	Expl Geochem	H-split	MT-Phy
31570	48	50.4	2011	Expl Geochem	H-split	MT-Phy
31571	50.4	52	2011	Expl Geochem	H-split	MT-Phy
31572	52	53.72	2011	Expl Geochem	H-split	MT-Phy
31573	53.72	55	2011	Expl Geochem	H-split	MT-Phy
31574	55	56	2011	Expl Geochem	H-split	MT-Phy
31575	56	58	2011	Expl Geochem	H-split	MT-Phy
31576	58	59	2011	Expl Geochem	H-split	QZVN
31577	59	60	2011	Expl Geochem	H-split	MT-Phy
31578	60	63	2011	Expl Geochem	H-split	MT-Phy
31579	63	66	2011	Expl Geochem	H-split	MT-Phy
31580	66	69	2011	Expl Geochem	H-split	MT-Phy
31581	69	71	2011	Expl Geochem	H-split	MT-Phy
31582	71	73	2011	Expl Geochem	H-split	MT-Phy
31583	73	75	2011	Expl Geochem	H-split	MT-Phy
31584	75	78	2011	Expl Geochem	H-split	MT-Phy
31585	78	80	2011	Expl Geochem	H-split	MT-Phy
31586	80	82	2011	Expl Geochem	H-split	MT-Phy
31587	82	84	2011	Expl Geochem	H-split	MT-Phy
31590	84	86	2011	DUP	Q-Split	MT-Phy
31588	84	86	2011	Expl Geochem	H-split	MT-Phy
31589	84	86	2011	STND	CDN-GS-8B	
31591	86	87	2011	Expl Geochem	H-split	MT-Phy

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31592	87	87.5	2011	Expl Geochem	H-split	MT-Phy
31593	87.5	88.8	2011	Expl Geochem	H-split	QZVN
31594	88.8	90	2011	Expl Geochem	H-split	MT-CO.bx
31595	90	91	2011	Expl Geochem	H-split	MT-CO.bx
31596	91	92	2011	Expl Geochem	H-split	MT-CO.bx
31597	92	93.5	2011	Expl Geochem	H-split	MT-CO.bx
31598	93.5	94.6	2011	Expl Geochem	H-split	MT-CO.bx
31599	94.6	95.6	2011	Expl Geochem	H-split	MT-Phy
31600	95.6	96.5	2011	Expl Geochem	H-split	MT-SS
31601	96.5	97.5	2011	Expl Geochem	H-split	MT-SS
31602	97.5	98.5	2011	Expl Geochem	H-split	MT-SS
31603	98.5	99.5	2011	Expl Geochem	H-split	MT-SS
31604	99.5	100.5	2011	Expl Geochem	H-split	MT-SS
31605	100.5	101.5	2011	Expl Geochem	H-split	MT-SS
31606	101.5	102.5	2011	Expl Geochem	H-split	MT-SS
31607	102.5	103.5	2011	Expl Geochem	H-split	MT-SS
31608	103.5	104.5	2011	Expl Geochem	H-split	MT-SS
31609	104.5	105.5	2011	Expl Geochem	H-split	MT-CO
31610	105.5	106.5	2011	Expl Geochem	H-split	MT-CO
31611	106.5	107.5	2011	Expl Geochem	H-split	MT-CO
31612	107.5	108.5	2011	Expl Geochem	H-split	MT-CO
31613	108.5	109.5	2011	Expl Geochem	H-split	MT-CO
31614	109.5	110.5	2011	Expl Geochem	H-split	MT-CO
31615	110.5	111.5	2011	Expl Geochem	H-split	MT-CO
31616	111.5	113	2011	Expl Geochem	H-split	MT-CO
31617	113	114	2011	Expl Geochem	H-split	MT-Phy
31618	114	115	2011	Expl Geochem	H-split	MT-Phy
31619	115	116	2011	Expl Geochem	H-split	MT-Phy
31620	116	116.9	2011	Expl Geochem	H-split	MT-Phy
31621	116.9	118	2011	Expl Geochem	H-split	MT-CO
31622	118	119	2011	Expl Geochem	H-split	MT-CO
31623	119	120.15	2011	Expl Geochem	H-split	MT-CO
31626	120.15	122.1	2011	Blank	LWS_2011	
31625	120.15	122.1	2011	DUP	Q-Split	MT-Phy
31624	120.15	122.1	2011	Expl Geochem	H-split	MT-Phy
31627	122.1	123	2011	Expl Geochem	H-split	MT-CO
31628	123	124	2011	Expl Geochem	H-split	MT-CO
31629	124	125.5	2011	Expl Geochem	H-split	MT-CO
31630	125.5	127.7	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31631	127.7	128.4	2011	Expl Geochem	H-split	MT-CO
31632	128.4	130.6	2011	Expl Geochem	H-split	MT-Phy
31633	130.6	130.8	2011	Expl Geochem	H-split	QZVN.bx
31634	130.8	131.8	2011	Expl Geochem	H-split	MT-Phy
31635	131.8	133.3	2011	Expl Geochem	H-split	MT-Phy
31636	133.3	135	2011	Expl Geochem	H-split	MT-SS
31637	135	136.6	2011	Expl Geochem	H-split	MT-SS
31638	136.6	137.5	2011	Expl Geochem	H-split	QZVN
31639	137.5	138.4	2011	Expl Geochem	H-split	MT-SS
31640	138.4	139.5	2011	Expl Geochem	H-split	MT-SS
31641	139.5	140.68	2011	Expl Geochem	H-split	MT-SS
31642	140.68	142	2011	Expl Geochem	H-split	MT-Phy
31643	142	144	2011	Expl Geochem	H-split	MT-Phy
31644	144	146	2011	Expl Geochem	H-split	MT-Phy
31645	146	147	2011	Expl Geochem	H-split	MT-Phy
31646	147	149	2011	Expl Geochem	H-split	MT-Phy
31647	149	150	2011	Expl Geochem	H-split	MT-Phy
31648	150	152	2011	Expl Geochem	H-split	MT-Phy
31649	152	154	2011	Expl Geochem	H-split	MT-Phy
31650	154	156	2011	Expl Geochem	H-split	MT-Phy
31651	156	158	2011	Expl Geochem	H-split	MT-Phy
31652	158	160	2011	Expl Geochem	H-split	MT-Phy
31653	160	162	2011	Expl Geochem	H-split	MT-Phy
31654	162	163.8	2011	Expl Geochem	H-split	MT-Phy
31655	163.8	164.8	2011	Expl Geochem	H-split	MT-Phy
31656	164.8	165.5	2011	Expl Geochem	H-split	MT-Phy
31657	165.5	167	2011	Expl Geochem	H-split	MT-CO
31658	167	168	2011	Expl Geochem	H-split	MT-CO
31659	168	171	2011	Expl Geochem	H-split	MT-CO
31662	171	174	2011	DUP	Q-Split	MT-CO
31660	171	174	2011	Expl Geochem	H-split	MT-CO
31661	171	174	2011	STND	CDN-GS-8B	
31663	174	175.5	2011	Expl Geochem	H-split	QZVN
31664	175.5	177.1	2011	Expl Geochem	H-split	MT-CO
31665	177.1	178	2011	Expl Geochem	H-split	MT-CO
31666	178	179	2011	Expl Geochem	H-split	MT-CO
31667	179	180	2011	Expl Geochem	H-split	MT-CO
31668	180	181	2011	Expl Geochem	H-split	MT-CO
31669	181	182	2011	Expl Geochem	H-split	MT-CO

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31670	182	183.2	2011	Expl Geochem	H-split	MT-CO
31671	183.2	184.3	2011	Expl Geochem	H-split	MT-Phy
31672	184.3	185	2011	Expl Geochem	H-split	MT-Phy
31673	185	187	2011	Expl Geochem	H-split	MT-Phy
31674	187	188	2011	Expl Geochem	H-split	MT-Phy
31675	188	188.96	2011	Expl Geochem	H-split	MT-Phy
31676	188.96	192	2011	Expl Geochem	H-split	MT-Phy
31677	188.96	192	2011	Blank	LWS_2011	
31678	192	195	2011	Expl Geochem	H-Split	MT-SS
31679	195	196.6	2011	Expl Geochem	H-split	MT-SS
31680	196.6	198	2011	Expl Geochem	H-split	MT-Phy.gf
31681	198	200	2011	Expl Geochem	H-split	MT-Phy.gf
31682	200	201	2011	Expl Geochem	H-split	MT-Phy.gf
31683	201	202.7	2011	Expl Geochem	H-split	MT-Phy.gf
31684	202.7	204	2011	Expl Geochem	H-split	MT-Phy.gf
31685	204	205.5	2011	Expl Geochem	H-split	MT-Phy.gf
31686	205.5	207.1	2011	Expl Geochem	H-split	MT-Phy.gf
31687	207.1	209	2011	Expl Geochem	H-split	MT-Phy.gf
31688	209	211	2011	Expl Geochem	H-split	MT-Phy.gf
31689	211	212.3	2011	Expl Geochem	H-split	MT-Phy.gf
31690	212.3	213	2011	Expl Geochem	H-split	MT-Phy.gf
31691	213	214.2	2011	Expl Geochem	H-split	MT-Phy.gf
31692	214.2	216	2011	Expl Geochem	H-split	MT-Phy.gf
31693	216	217.15	2011	Expl Geochem	H-split	MT-Phy.gf
31694	217.15	217.49	2011	Expl Geochem	H-split	MT-Phy.gf
31695	217.49	219	2011	Expl Geochem	H-split	MT-Phy.gf
31696	219	220.2	2011	Expl Geochem	H-split	MT-Phy.gf
31697	219	220.2	2011	DUP	Q-Split	MT-Phy.gf
31698	219	220.2	2011	Blank	LWS_2011	
31699	220.2	220.6	2011	Expl Geochem	H-split	MT-Phy.gf
31700	220.6	222	2011	Expl Geochem	H-split	MT-Phy.gf
31701	222	223.07	2011	Expl Geochem	H-split	MT-Phy.gf
31702	223.07	223.5	2011	Expl Geochem	H-split	MT-Phy.gf
31703	223.5	225	2011	Expl Geochem	H-split	MT-Phy.gf
31704	225	227	2011	Expl Geochem	H-split	MT-SLT
31705	227	229	2011	Expl Geochem	H-split	MT-SLT
31706	229	230	2011	Expl Geochem	H-split	MT-SLT
31707	230	232	2011	Expl Geochem	H-split	MT-SLT
31708	232	234	2011	Expl Geochem	H-split	MT-SS

Project: NTR3A **Prospect:** Main Zone **Hole ID:** 3A-11-035 **Grant No.:** YC72728

Plunge: 60 **Azimuth:** 270 **EOH:** 311

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31709	234	235	2011	Expl Geochem	H-split	MT-SS
31710	235	236	2011	Expl Geochem	H-split	MT-SS
31711	236	238	2011	Expl Geochem	H-split	MT-SS
31712	238	239.6	2011	Expl Geochem	H-split	MT-SS
31713	239.6	240.8	2011	Expl Geochem	H-split	MT-SS
31714	240.8	243	2011	Expl Geochem	H-split	MT-SS
31715	243	245	2011	Expl Geochem	H-split	MT-SS
31716	245	247	2011	Expl Geochem	H-split	MT-SS
31717	247	249	2011	Expl Geochem	H-split	MT-SS
31718	249	251	2011	Expl Geochem	H-split	MT-SS
31719	251	253	2011	Expl Geochem	H-split	MT-SS
31720	253	254.5	2011	Expl Geochem	H-split	MT-SS
31721	254.5	255.9	2011	Expl Geochem	H-split	MT-SS
31722	255.9	258	2011	Expl Geochem	H-split	MT-SLT
31723	258	259	2011	Expl Geochem	H-split	MT-SLT
31724	259	260.75	2011	Expl Geochem	H-split	MT-Phy
31725	260.75	262.5	2011	Expl Geochem	H-split	MT-SLT
31726	262.5	264	2011	Expl Geochem	H-split	MT-SLT
31727	264	265.2	2011	Expl Geochem	H-split	MT-Phy
31728	265.2	267	2011	Expl Geochem	H-split	MT-Phy
31729	267	269	2011	Expl Geochem	H-split	MT-Phy
31730	269	271	2011	Expl Geochem	H-split	MT-Phy
31731	271	273	2011	Expl Geochem	H-split	MT-Phy
31732	273	275	2011	Expl Geochem	H-split	MT-Phy
31733	273	275	2011	STND	CDN-GS-8B	
31734	273	275	2011	DUP	Q-Split	MT-Phy
31735	275	276.5	2011	Expl Geochem	H-split	MT-Phy
31736	276.5	277.4	2011	Expl Geochem	H-split	MT-Phy
31737	277.4	278	2011	Expl Geochem	H-split	QZVN
31738	278	279	2011	Expl Geochem	H-split	MT-Phy
31739	279	280	2011	Expl Geochem	H-split	MT-Phy
31740	280	281	2011	Expl Geochem	H-split	MT-Phy.gf
31741	281	283	2011	Expl Geochem	H-split	MT-Phy.gf
31742	283	285	2011	Expl Geochem	H-split	MT-Phy.gf
31743	285	287	2011	Expl Geochem	H-split	MT-Phy.gf
31744	287	289	2011	Expl Geochem	H-split	MT-Phy.gf
31745	289	291	2011	Expl Geochem	H-split	MT-Phy.gf
31746	291	293	2011	Expl Geochem	H-split	MT-Phy.gf
31747	293	295	2011	Expl Geochem	H-split	MT-Phy.gf

Project:	NTR3A	Prospect:	Main Zone	Hole ID:	3A-11-035	Grant No.:	YC72728
Plunge:	Azimuth:	EOH:					
60	270	311					

Sample No.	From:	To:	Year	Sample Type	Sample Technique	Lithology
31748	295	297	2011	Expl Geochem	H-split	MT-Phy.gf
31749	297	299	2011	Expl Geochem	H-split	MT-Phy.gf
31750	299	301	2011	Expl Geochem	H-split	MT-Phy.gf
31751	301	303	2011	Expl Geochem	H-split	MT-Phy.gf
31752	303	305	2011	Expl Geochem	H-split	MT-Phy.gf
31753	305	307	2011	Expl Geochem	H-split	MT-Phy.gf
31754	307	309	2011	Expl Geochem	H-split	MT-Phy.gf
31755	309	311	2011	Expl Geochem	H-split	MT-Phy.gf

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 5: Appendix 5: Silt and Rock Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Anna-Marie Durante, Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F

Certificates of Analysis

Silt Certificates

Rock Certificates

Silt Certificates

INSPECTORATE
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Certificate of Analysis

11-360-05630-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
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EMail: ghayes@northern-tiger.com

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EMail: cbuchanan@northern-tiger.com

Attention: Melanie Debnam
EMail: mdebnam@firestoneventures.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Silt 1**
Description: **3 ACE**

Date Received: 08/03/2011
Date Completed: 08/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	196	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

INSPECTORATE
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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
192	Soil	0.032	0.13	1.37	25.7	30	0.47	0.57	0.54	0.19	28.67	20.1	21	0.70	50.8
193	Soil	0.019	0.11	1.44	15.0	29	0.37	0.42	0.69	0.27	25.60	14.7	23	0.49	39.8
194	Soil	0.024	0.12	1.50	21.1	31	0.47	0.52	0.37	0.11	40.82	19.4	21	0.52	42.3
195	Soil	0.012	0.09	1.16	14.1	41	0.43	0.38	1.12	0.30	20.63	8.9	17	2.23	29.0
196	Soil	0.019	0.09	1.70	12.8	28	0.47	0.47	0.61	0.12	30.64	15.1	23	0.71	35.1
197	Soil	0.015	0.14	1.68	125.5	52	0.54	0.43	1.05	0.07	26.19	12.3	28	1.71	60.9
198	Soil	0.035	0.11	1.46	13.8	27	0.41	0.40	0.68	0.13	27.91	12.9	20	0.70	30.8
199	Soil	0.018	0.10	1.46	11.3	35	0.40	0.44	0.61	0.12	27.19	13.5	20	0.90	31.4
200	Soil	0.035	0.09	1.52	15.8	25	0.38	0.42	0.49	0.08	29.89	13.0	21	0.58	30.4
201	Soil	0.018	0.08	1.53	15.1	26	0.38	0.39	0.59	0.10	29.08	13.8	23	0.54	30.0
202	Soil	0.015	0.08	1.52	10.9	37	0.41	0.37	0.77	0.10	31.11	12.7	20	0.51	28.6
203	Soil	0.013	0.07	1.50	10.2	29	0.37	0.37	0.77	0.08	31.16	13.1	21	0.45	28.3
204	Soil	0.016	0.06	1.49	12.6	29	0.38	0.36	0.51	0.07	42.47	12.4	21	0.43	23.8
205	Soil	0.012	0.15	1.53	11.3	30	0.40	0.40	0.58	0.11	40.92	11.6	20	0.45	22.9
206	Soil	0.066	0.08	1.50	11.8	30	0.38	0.35	0.48	0.07	47.86	12.2	20	0.54	21.4
207	Soil	0.009	0.08	1.45	13.0	28	0.36	0.33	0.46	0.06	47.05	12.0	20	0.51	22.0
208	Soil	0.012	0.07	1.54	7.4	24	0.35	0.31	0.61	0.05	31.85	9.0	19	0.43	19.8
209	Soil	0.010	0.26	1.61	7.0	38	0.43	0.38	0.43	0.09	28.00	11.3	20	0.39	32.6
210	Soil	0.013	0.10	1.51	14.6	43	0.41	0.36	0.65	0.07	29.74	13.2	19	0.43	27.6
211	Soil	0.011	0.09	1.60	12.1	45	0.37	0.36	0.53	0.10	45.71	12.3	22	0.61	22.4
212	Soil	0.021	0.08	1.64	14.1	40	0.41	0.30	0.33	0.10	49.26	11.8	33	0.50	23.1
213	Soil	0.015	0.07	1.53	15.0	38	0.35	0.30	0.54	0.07	34.91	12.2	22	0.60	20.8
214	Soil	0.014	0.06	1.60	13.7	38	0.37	0.34	0.59	0.07	37.67	11.6	23	0.61	22.9
215	Soil	0.011	0.06	1.55	11.2	37	0.36	0.29	0.44	0.06	39.48	11.5	22	0.57	19.7
216	Soil	0.012	0.13	1.25	7.2	32	0.43	0.31	1.30	0.21	34.79	10.8	20	0.49	30.7
217	Soil	0.029	0.10	1.18	10.0	34	0.34	0.29	1.26	0.39	20.80	9.2	17	0.46	24.4
218	Soil	0.016	0.12	1.92	9.6	30	0.44	0.38	0.76	0.08	20.53	13.8	29	0.50	34.8
219	Soil	0.013	0.08	1.85	7.7	29	0.40	0.34	0.81	0.08	22.39	13.5	31	0.69	44.7
220	Soil	0.012	0.05	1.90	6.6	25	0.27	0.27	0.43	0.04	31.07	12.6	32	0.44	24.5
221	Soil	0.011	0.06	2.00	9.3	31	0.36	0.31	0.71	0.08	24.01	12.4	29	0.54	30.3
222	Soil	0.013	0.30	1.80	10.0	44	0.42	0.39	0.78	0.10	29.25	12.7	27	0.63	34.3
223	Soil	0.015	0.12	1.64	10.9	33	0.31	0.28	0.40	0.09	34.83	11.6	24	0.54	19.8
224	Soil	0.014	0.07	1.58	15.5	31	0.28	0.29	0.42	0.18	45.49	11.0	24	0.52	17.9
225	Soil	0.026	0.17	1.71	5.9	33	0.73	0.55	0.65	0.14	27.32	19.4	22	0.88	46.0
226	Soil	0.017	0.25	1.75	9.4	29	0.57	0.60	0.57	0.08	33.49	13.9	24	1.06	37.2
227	Soil	0.014	0.17	1.71	5.9	27	0.70	0.53	0.61	0.11	29.49	19.6	21	0.94	38.6
228	Soil	0.036	0.15	1.68	4.7	26	0.57	0.47	0.68	0.10	26.84	16.1	20	0.85	37.1
229	Soil	0.017	0.13	1.59	5.8	25	0.59	0.48	0.65	0.11	27.69	17.2	20	0.80	37.9
85	Soil	0.017	0.13	1.96	5.5	26	0.48	0.47	0.38	0.07	45.39	12.0	28	0.63	36.2
86	Soil	0.018	0.11	1.55	11.2	18	0.43	0.48	1.04	0.06	29.50	18.4	23	0.41	38.3

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Certificate of Analysis

11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
87	Soil	0.025	0.25	1.73	9.1	24	0.43	0.56	0.63	0.10	31.90	20.4	27	0.33	45.6
88	Soil	0.019	0.09	1.42	9.6	15	0.44	0.44	2.17	0.07	20.72	17.5	22	0.41	37.0
89	Soil	0.019	0.09	1.47	7.5	17	0.38	0.48	1.07	0.08	25.60	17.4	22	0.38	37.8
90	Soil	0.020	0.08	1.54	9.3	16	0.42	0.44	2.06	0.08	31.64	17.4	23	0.44	37.4
91	Soil	0.020	0.09	1.60	8.5	18	0.41	0.45	1.12	0.08	36.44	17.3	24	0.41	36.8
92	Soil	0.019	0.09	1.62	8.7	19	0.43	0.50	0.81	0.13	39.30	16.5	25	0.38	37.4
93	Soil	0.018	0.09	1.59	7.5	19	0.39	0.43	0.50	0.13	46.93	15.4	27	0.38	32.2
94	Soil	0.026	0.23	1.52	66.2	26	0.41	0.50	0.54	0.17	27.66	17.8	24	0.40	38.0
95	Soil	0.017	0.11	1.52	14.8	27	0.49	0.43	1.02	0.13	23.08	13.8	23	0.91	30.3
96	Soil	0.023	0.11	1.52	35.9	34	0.38	0.38	0.49	0.11	28.38	14.6	21	0.36	31.7
97	Soil	0.018	0.10	1.68	8.3	26	0.38	0.49	0.39	0.08	28.49	14.9	25	0.39	37.8
98	Soil	0.022	0.26	1.48	36.0	20	0.30	0.36	0.32	0.09	43.56	14.3	23	0.32	28.3
99	Soil	0.023	0.12	1.60	24.6	21	0.44	0.39	0.45	0.07	32.17	15.2	24	0.38	30.4
100	Soil	0.023	0.11	1.53	34.7	23	0.32	0.37	0.38	0.07	34.20	14.6	22	0.36	30.4
101	Soil	0.044	0.06	1.52	11.6	19	0.31	0.33	0.26	0.07	37.18	12.0	25	0.26	20.5
102	Soil	0.019	0.08	1.56	12.1	23	0.36	0.35	0.34	0.06	39.69	12.3	22	0.27	24.0
103	Soil	0.016	0.04	1.50	4.0	28	0.25	0.25	0.23	0.03	44.57	13.2	22	0.39	13.5
104	Soil	0.020	0.12	1.75	4.7	59	0.50	0.48	0.52	0.06	35.11	12.9	22	0.70	35.5
105	Soil	0.018	0.07	1.47	9.4	23	0.32	0.35	0.32	0.06	32.85	12.1	21	0.32	25.1
106	Soil	0.022	0.09	1.93	33.8	20	0.32	0.34	0.33	0.07	25.33	14.5	30	0.46	31.5
107	Soil	0.025	0.09	2.06	30.8	20	0.38	0.45	0.36	0.07	47.56	17.8	33	0.76	38.4
108	Soil	0.026	0.10	2.18	33.1	22	0.33	0.46	0.31	0.08	44.45	18.8	35	0.72	38.2
109	Soil	0.021	0.07	2.04	32.4	19	0.29	0.41	0.33	0.08	30.29	16.3	33	0.66	33.5
110	Soil	0.025	0.06	2.06	29.0	17	0.28	0.36	0.29	0.06	31.74	16.7	33	0.65	29.6
111	Soil	0.025	0.28	1.81	19.6	26	0.26	0.40	0.35	0.13	32.35	13.2	27	1.13	32.2
112	Soil	0.019	0.11	2.02	28.3	17	0.28	0.37	0.30	0.09	31.68	16.3	32	0.68	33.1
113	Soil	0.021	0.09	2.03	30.2	17	0.28	0.38	0.27	0.08	29.93	16.2	32	0.61	30.3
114	Soil	0.018	0.09	1.95	27.0	21	0.29	0.43	0.30	0.08	29.18	16.4	32	0.72	34.8
115	Soil	0.020	0.12	2.01	29.4	18	0.28	0.42	0.31	0.06	22.59	16.4	31	0.61	35.7
116	Soil	0.020	0.10	2.07	25.3	22	0.34	0.42	0.39	0.08	29.05	16.6	33	0.70	32.4
117	Soil	0.020	0.09	2.11	27.9	19	0.35	0.41	0.30	0.07	32.36	16.2	33	0.70	33.6
118	Soil	0.020	0.09	2.17	28.5	21	0.33	0.42	0.32	0.08	31.73	17.1	33	0.69	36.2
119	Soil	0.030	0.07	2.12	28.9	20	0.29	0.43	0.30	0.08	31.05	17.3	33	0.69	34.4
120	Soil	0.020	0.08	2.27	31.2	20	0.33	0.46	0.35	0.09	32.73	16.1	32	0.69	36.1
121	Soil	0.021	0.07	2.11	28.4	21	0.35	0.43	0.31	0.07	35.79	16.8	32	0.66	33.6
122	Soil	0.030	0.06	2.11	23.5	17	0.28	0.38	0.27	0.06	40.39	17.0	34	0.60	30.0
123	Soil	0.023	0.05	2.09	25.3	13	0.24	0.34	0.19	0.05	50.13	15.5	35	0.59	26.8
1	Soil	0.037	0.17	1.88	23.9	18	0.44	0.41	0.20	0.08	25.91	24.1	35	1.20	45.0
2	Soil	0.112	0.33	1.00	340.4	21	0.41	0.56	0.24	0.59	26.69	15.8	19	2.31	43.1
3	Soil	0.095	0.27	1.76	245.6	22	0.48	0.55	0.36	2.34	28.04	16.7	29	3.11	60.7

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Certificate of Analysis

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4	Soil	0.060	0.33	1.64	214.0	26	0.48	0.51	0.66	3.52	21.44	14.8	28	3.36	58.8
5	Soil	0.045	0.31	1.80	270.3	33	0.47	0.51	0.47	1.98	26.57	15.7	28	1.95	44.3
6	Soil	0.035	0.17	1.76	173.8	30	0.37	0.39	0.36	0.90	33.53	14.0	28	1.14	30.8
7	Soil	0.039	0.12	1.55	176.6	31	0.35	0.41	0.36	0.45	35.61	13.3	24	0.93	29.3
8	Soil	0.022	0.07	1.69	6.6	50	0.55	0.39	0.41	0.07	39.57	8.9	20	0.72	27.5
9	Soil	0.023	0.14	1.44	4.0	31	0.42	0.33	0.67	0.11	23.42	8.0	27	0.80	24.2
10	Soil	0.024	0.09	1.51	4.1	29	0.33	0.37	0.57	0.12	31.04	9.0	22	0.42	23.7
11	Soil	0.025	0.12	1.52	5.1	46	0.45	0.35	0.51	0.10	37.85	10.5	22	0.62	23.6
12	Soil	0.025	0.11	1.40	8.3	28	0.52	0.41	0.44	0.07	45.01	13.6	21	0.75	43.1
13	Soil	0.068	0.13	1.46	7.0	30	0.47	0.44	0.45	0.08	44.05	10.7	22	0.57	33.9
14	Soil	0.059	0.14	1.45	5.6	31	0.49	0.41	0.44	0.10	46.16	14.1	20	0.88	40.6
15	Soil	0.025	0.07	1.27	8.4	38	0.39	0.28	0.82	0.08	43.20	8.3	16	0.37	21.2
16	Soil	0.024	0.08	1.40	8.6	39	0.45	0.35	0.54	0.07	45.45	11.1	18	0.62	27.2
17	Soil	0.043	0.06	1.50	4.7	31	0.40	0.37	0.65	0.07	36.39	12.4	19	0.48	24.4
18	Soil	0.029	0.10	1.93	15.2	11	0.25	0.33	0.24	0.09	22.52	13.9	27	0.52	26.0
19	Soil	0.032	0.17	2.02	23.8	17	0.38	0.51	0.30	0.09	21.84	16.8	31	1.70	45.6
20	Soil	0.035	0.20	1.81	25.5	19	0.37	0.48	0.80	0.14	16.67	15.0	28	2.38	51.6
21	Soil	0.047	0.20	2.01	26.5	20	0.45	0.58	0.51	0.17	22.88	21.0	29	2.40	64.8
22	Soil	0.038	0.29	1.86	35.9	17	0.42	0.54	0.38	0.12	23.79	18.0	28	1.58	55.6
23	Soil	0.029	0.18	1.91	30.5	19	0.38	0.48	0.46	0.13	25.07	16.6	27	1.56	54.6
24	Soil	0.037	0.15	1.88	25.7	14	0.38	0.48	0.33	0.11	26.42	16.3	27	1.35	47.8
25	Soil	0.027	0.10	1.99	27.7	14	0.31	0.45	0.32	0.10	30.51	15.9	29	1.38	44.1
26	Soil	0.029	0.16	1.83	26.1	16	0.33	0.46	0.39	0.10	20.62	15.3	26	1.44	50.8
27	Soil	0.030	0.11	1.84	19.5	15	0.31	0.40	0.40	0.09	20.32	15.3	27	1.24	41.6
28	Soil	0.028	0.12	1.89	21.2	17	0.34	0.42	0.44	0.10	23.00	15.9	28	1.26	44.5
29	Soil	0.027	0.08	1.69	19.6	18	0.44	0.33	0.29	0.06	27.29	13.6	25	1.95	29.8
30	Soil	0.041	0.13	1.95	24.5	20	0.40	0.65	0.22	0.12	26.25	24.6	29	1.17	65.6
31	Soil	0.028	0.12	2.01	19.1	16	0.39	0.55	0.39	0.13	19.13	19.6	29	0.99	58.1
32	Soil	0.006	0.09	2.12	18.9	20	0.31	0.54	0.41	0.08	21.88	19.1	29	1.16	46.7
33	Soil	0.006	0.14	1.88	18.8	32	0.43	0.46	0.69	0.28	22.27	18.1	25	2.30	48.5
34	Soil	0.006	0.13	1.39	24.7	47	0.35	0.27	0.71	0.28	31.76	10.8	18	2.28	27.3
35	Soil	0.006	0.10	1.29	24.9	33	0.26	0.27	0.37	0.08	27.85	10.2	17	1.60	22.9
36	Soil	0.016	0.14	1.45	28.3	41	0.38	0.29	0.56	0.10	31.39	10.5	19	2.02	27.5
37	Soil	0.009	0.13	1.48	28.2	43	0.36	0.31	0.55	0.10	31.23	10.7	19	2.05	28.3
38	Soil	0.014	0.09	1.26	11.8	34	0.38	0.25	0.28	0.09	41.03	9.7	18	4.49	18.7
559	Soil	0.056	0.52	1.27	396.8	21	0.52	0.53	0.26	1.96	22.73	16.0	19	2.54	47.2
560	Soil	0.033	0.35	1.82	240.4	24	0.47	0.54	0.47	3.07	19.00	13.7	33	3.74	57.6
561	Soil	0.025	0.20	1.92	189.4	23	0.48	0.44	0.32	1.62	25.58	17.5	30	2.22	42.8
562	Soil	0.029	0.17	1.73	175.5	29	0.33	0.37	0.35	1.12	23.45	14.0	27	1.55	32.8
563	Soil	0.035	0.30	1.46	140.9	27	0.28	0.42	0.25	0.44	29.35	12.5	24	0.84	25.8

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
564	Soil	0.020	0.13	1.47	151.5	29	0.37	0.35	0.28	0.46	28.68	13.0	23	0.87	25.8
565	Soil	0.007	0.11	1.50	11.6	31	0.53	0.57	0.29	0.08	32.19	18.2	22	0.68	39.2
566	Soil	0.019	0.11	1.36	11.6	26	0.42	0.47	0.38	0.09	29.76	18.9	21	0.51	37.9
567	Soil	0.015	0.10	1.46	29.8	26	0.50	0.49	0.49	0.10	28.28	20.2	27	0.56	39.6
568	Soil	0.013	0.09	1.61	19.3	18	0.42	0.57	0.53	0.09	25.01	19.4	26	0.41	39.8
569	Soil	0.010	0.09	1.48	24.9	28	0.43	0.36	0.38	0.13	31.81	15.8	27	0.36	36.4
570	Soil	0.006	0.09	1.37	17.8	19	0.42	0.44	0.29	0.07	29.92	16.4	19	0.37	35.2
571	Soil	0.006	0.12	1.51	12.6	41	0.65	0.51	0.67	0.13	29.56	18.6	19	0.53	44.7
572	Soil	0.009	0.10	1.39	17.9	27	0.39	0.44	0.36	0.08	30.11	17.2	20	0.41	37.6
573	Soil	0.012	0.09	1.48	17.0	29	0.82	0.44	0.54	0.20	31.04	25.6	23	0.63	75.0
574	Soil	0.009	0.08	1.43	14.4	24	0.54	0.37	0.49	0.12	33.79	16.8	22	0.51	47.2
575	Soil	0.009	0.07	1.44	12.4	25	0.46	0.36	0.62	0.09	31.89	15.9	23	0.48	40.4
576	Soil	0.008	0.18	1.53	13.1	30	0.34	0.31	0.54	0.09	30.66	13.3	24	0.35	27.3
577	Soil	0.007	0.09	1.53	13.1	25	0.44	0.33	0.47	0.09	31.41	14.5	22	0.43	38.9
578	Soil	0.009	0.10	1.56	28.3	35	0.41	0.38	0.44	0.08	32.30	14.5	23	0.42	32.3
579	Soil	0.007	0.08	1.59	23.5	42	0.42	0.33	0.41	0.08	38.65	15.3	21	0.54	29.2
580	Soil	0.007	0.08	1.29	23.8	30	0.30	0.27	0.30	0.08	21.70	12.7	18	0.42	22.5
581	Soil	0.010	0.08	1.35	28.5	34	0.34	0.31	0.44	0.08	23.29	11.8	19	0.51	24.3
582	Soil	0.008	0.09	1.18	22.0	40	0.31	0.27	0.60	0.10	24.72	9.6	15	0.78	22.1
583	Soil	<0.005	0.09	1.08	20.9	36	0.31	0.24	0.60	0.09	23.69	8.2	13	0.89	20.5
584	Soil	0.006	0.10	1.67	8.4	35	0.47	0.70	0.29	0.06	18.87	20.4	24	1.39	43.8
585	Soil	0.008	0.11	1.36	8.2	25	0.44	0.51	0.39	0.10	15.72	17.7	19	0.73	35.9
586	Soil	0.008	0.11	1.35	7.6	25	0.42	0.48	0.41	0.10	16.40	18.4	18	0.77	35.6
587	Soil	<0.005	0.09	1.45	8.4	27	0.44	0.50	0.33	0.14	14.59	16.1	22	0.67	31.7
588	Soil	0.007	0.07	1.44	14.6	23	0.37	0.60	0.32	0.12	13.06	17.8	23	0.59	36.3
589	Soil	<0.005	0.05	1.80	8.5	29	0.30	0.38	0.18	0.08	11.92	15.5	27	0.32	33.3
590	Soil	<0.005	0.09	1.85	9.5	27	0.42	0.55	0.24	0.08	12.11	26.0	25	0.51	49.0
591	Soil	0.008	0.08	1.58	13.3	24	0.36	0.37	0.26	0.07	17.42	15.3	22	0.33	33.2
592	Soil	0.008	0.08	1.59	7.4	30	0.51	0.40	0.39	0.07	19.97	12.3	21	0.35	27.3
593	Soil	0.013	0.10	1.62	10.9	22	0.42	0.61	0.29	0.08	15.14	19.9	24	0.35	37.9
594	Soil	<0.005	0.10	1.60	9.3	21	0.51	0.44	0.34	0.08	33.19	18.2	21	0.29	43.9
501	Soil	0.006	0.09	1.48	16.2	33	0.40	0.30	0.40	0.07	9.11	8.0	19	0.88	27.5
502	Soil	0.012	0.12	1.98	39.1	21	0.40	0.48	0.35	0.13	8.69	13.9	30	1.36	60.8
503	Soil	0.011	0.25	1.81	34.7	20	0.44	0.46	0.35	0.15	9.82	15.5	25	1.21	49.7
504	Soil	0.007	0.11	1.79	41.8	32	0.44	0.42	0.34	0.31	9.91	23.5	26	1.25	47.2
505	Soil	0.035	0.07	2.05	27.2	28	0.88	0.45	0.19	0.41	12.48	130.0	36	0.47	263.5
506	Soil	0.007	0.04	2.33	17.5	18	0.35	0.42	0.12	0.18	15.05	36.7	37	0.34	66.8
507	Soil	0.007	0.08	2.15	25.1	27	0.79	0.42	0.21	0.44	15.12	102.6	38	0.53	178.3
508	Soil	0.017	0.10	1.44	10.7	24	0.36	0.35	0.82	0.16	14.00	14.0	23	0.33	43.1
509	Soil	0.009	0.09	2.08	32.6	39	0.87	0.45	0.33	0.50	15.12	55.0	32	0.66	128.5

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
510	Soil	0.017	0.09	2.11	32.5	37	0.84	0.46	0.30	0.53	14.23	63.0	33	0.51	129.3
511	Soil	0.012	0.07	1.29	43.0	17	0.34	0.40	0.71	0.06	13.95	17.1	20	0.29	33.6
512	Soil	0.017	0.06	1.50	36.2	21	0.49	0.41	0.43	0.21	12.40	37.9	25	0.33	70.0
513	Soil	0.011	0.08	1.29	21.4	15	0.35	0.31	1.03	0.21	9.68	12.4	22	0.54	42.0
514	Soil	0.013	0.07	1.41	32.9	17	0.40	0.38	0.79	0.13	15.06	26.1	22	0.35	48.8
515	Soil	0.012	0.09	2.12	40.6	23	1.35	0.37	0.33	0.49	19.31	66.0	22	0.42	89.8
516	Soil	0.016	0.10	2.03	18.9	33	0.66	0.37	0.49	0.57	12.77	22.7	27	0.84	53.8
517	Soil	0.018	0.11	2.22	33.9	23	1.24	0.37	0.38	0.55	17.16	71.1	23	0.47	84.0
518	Soil	0.010	0.22	1.83	16.2	16	0.35	0.35	0.07	0.06	14.99	16.3	26	0.83	53.3
519	Soil	0.009	0.11	2.84	33.8	15	1.20	0.36	0.10	0.34	11.30	69.4	21	0.43	94.5
520	Soil	0.011	0.07	1.34	8.4	27	0.26	0.23	0.30	0.04	16.71	11.2	19	0.34	21.1
521	Soil	0.038	0.07	1.93	27.5	19	1.02	0.31	0.19	0.69	14.05	72.2	19	0.31	59.3
522	Soil	0.113	0.07	2.13	29.0	22	1.36	0.30	0.28	0.85	14.81	96.2	20	0.35	78.2
523	Soil	0.011	0.32	0.82	7.3	31	0.70	0.37	0.47	0.13	23.13	18.6	12	0.48	32.7
524	Soil	0.007	0.09	0.61	7.8	26	0.36	0.32	>10	0.07	7.70	10.5	9	0.59	26.7
525	Soil	0.013	0.11	0.76	6.1	31	0.53	0.37	7.71	0.09	9.89	13.5	11	0.83	33.7
526	Soil	0.011	0.12	1.03	9.2	35	0.67	0.46	0.84	0.18	17.05	17.3	14	0.71	36.6
527	Soil	0.014	0.12	1.03	7.8	28	0.60	0.46	0.90	0.08	17.65	15.5	15	0.49	33.4
528	Soil	0.009	0.10	0.90	5.7	27	0.53	0.35	1.27	0.17	12.72	13.6	12	0.42	30.8
529	Soil	0.010	0.07	1.03	7.6	24	0.49	0.39	0.53	0.07	18.23	11.5	14	0.36	23.0
595	Soil	0.013	0.08	1.44	9.4	22	0.39	0.40	0.29	0.09	14.32	15.0	21	0.25	34.2
596	Soil	0.005	0.09	1.33	6.5	19	0.40	0.45	0.93	0.10	9.86	15.0	20	0.24	32.3
597	Soil	0.016	0.10	1.39	8.3	23	0.43	0.45	0.43	0.16	13.10	15.2	23	0.28	33.2
598	Soil	0.009	0.10	1.56	7.3	44	0.55	0.47	0.30	0.07	20.05	15.8	22	0.53	31.2
599	Soil	0.010	0.09	1.44	7.9	25	0.44	0.40	0.37	0.10	13.56	13.8	21	0.30	27.6
600	Soil	0.006	0.05	1.31	5.0	29	0.29	0.28	0.41	0.07	13.72	14.1	20	0.34	18.9
601	Soil	0.053	0.07	1.41	10.2	27	0.41	0.35	0.39	0.08	15.58	13.7	20	0.29	25.4
602	Soil	0.007	0.17	1.03	32.6	56	0.85	0.40	0.23	0.12	31.05	39.6	16	1.86	40.0
603	Soil	0.008	0.11	1.01	12.1	35	0.72	0.43	0.45	0.10	21.54	24.8	17	0.83	38.7
604	Soil	0.008	0.19	0.98	24.9	32	0.70	0.75	0.33	0.10	13.01	35.0	15	1.16	56.5
605	Soil	0.031	0.16	0.84	61.4	60	0.80	0.93	0.25	0.14	14.45	47.8	15	1.43	58.0
606	Soil	0.019	0.16	1.33	22.3	57	1.02	0.71	0.24	0.18	25.21	56.7	21	1.24	67.7
607	Soil	0.008	0.10	1.00	12.4	26	0.66	0.47	0.35	0.10	25.49	18.5	16	0.74	36.4
608	Soil	0.020	0.10	1.03	14.4	33	0.72	0.51	0.71	0.18	17.96	23.4	19	0.75	40.5
609	Soil	0.007	0.10	1.05	10.4	29	0.64	0.45	0.45	0.10	18.59	20.9	16	0.65	35.8
610	Soil	0.010	0.15	1.14	9.1	40	0.77	0.48	0.73	0.15	17.65	20.2	16	0.78	36.8

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Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
192	Soil	3.56	4.68	<0.05	0.07	0.03	0.04	13.9	43.0	0.58	660	0.55	0.01	0.23	34.1
193	Soil	3.42	4.54	<0.05	0.07	0.02	0.03	12.9	43.9	0.61	594	0.54	0.01	0.13	34.2
194	Soil	3.74	4.89	<0.05	0.06	0.03	0.03	18.9	45.8	0.64	686	0.46	<0.01	0.12	36.3
195	Soil	2.73	4.03	<0.05	0.06	0.02	0.04	11.3	29.8	0.40	571	0.61	0.02	0.52	21.6
196	Soil	3.59	5.36	<0.05	0.09	0.02	0.03	15.6	54.8	0.76	494	0.37	0.01	0.13	35.2
197	Soil	3.26	5.18	<0.05	0.08	0.03	0.04	14.1	38.4	0.63	622	0.51	0.01	0.40	28.5
198	Soil	3.26	4.75	<0.05	0.08	0.02	0.03	14.1	43.3	0.62	439	0.44	0.01	0.16	30.3
199	Soil	3.24	5.14	<0.05	0.08	0.02	0.03	13.9	45.2	0.61	474	0.37	<0.01	0.20	29.5
200	Soil	3.33	5.05	<0.05	0.07	0.02	0.02	15.1	49.4	0.66	389	0.34	<0.01	0.13	32.0
201	Soil	3.37	5.24	<0.05	0.07	0.02	0.02	14.9	49.5	0.68	501	0.34	<0.01	0.12	32.4
202	Soil	3.00	4.99	<0.05	0.09	0.02	0.04	15.6	45.2	0.62	354	0.31	0.01	0.15	28.9
203	Soil	3.14	4.78	<0.05	0.08	0.02	0.04	15.5	45.7	0.64	362	0.30	<0.01	0.15	30.3
204	Soil	3.24	5.16	<0.05	0.07	0.02	0.03	19.7	46.9	0.65	383	0.29	<0.01	0.20	30.0
205	Soil	3.11	5.27	0.09	0.07	0.07	0.04	18.9	47.8	0.65	378	0.35	<0.01	0.27	29.4
206	Soil	3.27	5.07	0.06	0.06	0.03	0.04	22.0	45.8	0.64	444	0.32	<0.01	0.24	29.2
207	Soil	3.18	5.04	<0.05	0.06	0.02	0.04	21.7	45.7	0.62	376	0.27	<0.01	0.22	29.0
208	Soil	3.26	5.08	<0.05	0.08	0.02	0.04	16.3	44.5	0.64	229	0.29	<0.01	0.19	27.1
209	Soil	2.78	5.13	<0.05	0.09	0.02	0.03	13.6	50.7	0.64	138	0.34	<0.01	0.17	31.5
210	Soil	3.81	5.02	<0.05	0.09	0.02	0.04	14.9	44.0	0.60	523	0.45	0.01	0.20	28.4
211	Soil	3.37	5.19	<0.05	0.08	0.02	0.05	21.4	46.1	0.64	664	0.49	0.01	0.30	29.1
212	Soil	3.48	5.48	<0.05	0.09	0.02	0.03	23.7	49.2	0.69	583	0.74	<0.01	0.21	34.6
213	Soil	3.11	5.07	<0.05	0.08	0.02	0.04	17.4	44.5	0.66	590	0.30	<0.01	0.27	28.8
214	Soil	3.12	4.87	<0.05	0.08	0.02	0.05	18.0	45.5	0.68	508	0.28	0.01	0.27	28.6
215	Soil	3.06	5.02	<0.05	0.07	0.01	0.04	19.0	45.4	0.66	510	0.30	<0.01	0.24	28.4
216	Soil	3.00	3.97	<0.05	0.15	0.03	0.04	18.6	29.5	0.48	370	0.54	0.02	0.44	29.2
217	Soil	2.57	3.82	<0.05	0.11	0.02	0.06	10.8	30.3	0.46	587	0.55	0.02	0.32	24.5
218	Soil	3.29	5.53	<0.05	0.13	0.02	0.03	10.5	53.6	0.90	386	0.34	0.01	0.17	36.8
219	Soil	3.43	5.99	<0.05	0.12	0.02	0.03	11.5	54.1	0.96	467	0.32	0.01	0.15	38.5
220	Soil	3.60	6.27	<0.05	0.08	0.01	0.02	15.6	57.4	0.96	442	0.24	<0.01	0.18	38.8
221	Soil	3.43	6.26	<0.05	0.10	0.02	0.03	12.0	55.7	0.94	449	0.26	0.01	0.21	37.1
222	Soil	3.15	5.74	<0.05	0.12	0.02	0.05	14.7	50.8	0.82	524	0.31	0.01	0.28	32.8
223	Soil	3.12	5.28	<0.05	0.08	0.02	0.04	17.7	48.6	0.75	564	0.21	<0.01	0.24	31.3
224	Soil	3.25	5.25	<0.05	0.08	0.01	0.03	21.2	46.3	0.72	590	0.25	<0.01	0.25	31.0
225	Soil	3.57	4.98	<0.05	0.11	0.03	0.07	14.1	42.1	0.65	634	0.70	0.02	0.19	32.8
226	Soil	3.66	5.20	<0.05	0.23	0.03	0.04	17.2	46.6	0.63	380	0.45	0.01	0.22	31.0
227	Soil	3.56	5.30	<0.05	0.13	0.02	0.05	15.3	45.8	0.69	434	0.43	0.01	0.16	31.4
228	Soil	3.35	4.94	<0.05	0.14	0.02	0.05	14.1	42.2	0.67	376	0.35	0.01	0.17	29.2
229	Soil	3.44	5.22	<0.05	0.12	0.02	0.04	14.0	43.0	0.64	514	0.35	0.01	0.16	30.1
85	Soil	3.71	6.39	<0.05	0.09	0.02	0.04	20.9	53.7	0.82	261	0.32	<0.01	0.08	36.8
86	Soil	3.72	5.28	<0.05	0.15	0.02	0.02	15.3	59.2	0.78	412	0.38	<0.01	<0.05	38.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
87	Soil	3.92	5.92	<0.05	0.11	0.02	0.04	16.3	55.3	0.81	508	0.53	<0.01	<0.05	41.2
88	Soil	3.49	4.99	<0.05	0.17	0.02	0.01	10.7	53.2	0.74	417	0.40	<0.01	<0.05	37.3
89	Soil	3.49	5.03	<0.05	0.15	0.02	0.02	13.0	53.2	0.74	375	0.37	<0.01	<0.05	36.1
90	Soil	3.71	5.10	<0.05	0.15	0.02	0.02	16.4	56.2	0.79	411	0.39	<0.01	<0.05	38.5
91	Soil	3.68	5.45	<0.05	0.12	0.02	0.02	18.8	58.1	0.80	446	0.39	<0.01	<0.05	38.9
92	Soil	3.75	5.48	<0.05	0.12	0.02	0.02	19.2	57.8	0.81	472	0.47	<0.01	<0.05	38.9
93	Soil	3.78	5.47	<0.05	0.10	0.02	0.02	22.8	56.9	0.80	455	0.55	<0.01	<0.05	38.0
94	Soil	3.46	4.73	0.07	0.09	0.06	0.03	14.2	49.2	0.69	560	0.63	<0.01	0.16	35.8
95	Soil	3.29	4.89	<0.05	0.17	0.04	0.04	11.9	48.8	0.66	313	0.48	<0.01	0.13	32.0
96	Soil	3.19	4.70	<0.05	0.10	0.02	0.04	14.3	50.1	0.65	473	0.42	<0.01	0.12	31.6
97	Soil	3.68	5.43	<0.05	0.10	0.02	0.03	13.5	60.4	0.75	344	0.35	<0.01	0.08	36.4
98	Soil	3.36	4.67	<0.05	0.06	0.02	0.02	20.0	54.8	0.70	406	0.39	<0.01	0.07	33.7
99	Soil	3.51	5.01	<0.05	0.10	0.02	0.03	15.9	55.0	0.74	364	0.38	<0.01	0.15	35.1
100	Soil	3.33	4.76	<0.05	0.08	0.02	0.03	17.3	53.3	0.70	366	0.32	<0.01	0.11	32.5
101	Soil	3.45	4.78	<0.05	0.07	0.01	0.02	19.0	54.6	0.73	501	0.46	<0.01	0.06	33.0
102	Soil	3.38	4.67	<0.05	0.08	0.02	0.03	18.7	50.3	0.73	418	0.26	<0.01	0.08	30.8
103	Soil	3.36	4.85	<0.05	0.08	0.01	0.01	20.5	50.6	0.72	540	0.14	<0.01	0.09	31.0
104	Soil	3.14	4.88	<0.05	0.15	0.02	0.07	17.6	45.1	0.66	548	0.32	0.01	0.17	29.6
105	Soil	3.19	4.46	<0.05	0.09	0.02	0.03	16.2	48.9	0.68	433	0.26	<0.01	0.07	30.2
106	Soil	3.53	5.76	<0.05	0.14	0.02	0.03	12.6	62.6	0.91	615	0.35	<0.01	0.12	38.6
107	Soil	3.96	6.65	<0.05	0.12	0.02	0.03	22.9	69.8	0.96	565	0.31	<0.01	0.11	43.8
108	Soil	4.10	6.87	<0.05	0.12	0.02	0.03	21.9	73.3	1.01	575	0.35	<0.01	0.10	45.7
109	Soil	4.06	6.47	<0.05	0.14	0.02	0.02	15.7	67.8	0.97	655	0.34	<0.01	0.10	44.3
110	Soil	4.15	6.97	0.05	0.10	0.02	0.01	16.4	73.8	0.97	596	0.32	<0.01	0.07	46.0
111	Soil	3.64	5.58	<0.05	0.10	0.03	0.02	16.3	57.5	0.79	455	0.38	<0.01	0.14	37.0
112	Soil	3.92	6.46	<0.05	0.11	0.02	0.02	16.1	66.9	0.98	631	0.32	<0.01	0.08	43.4
113	Soil	3.94	6.37	<0.05	0.10	0.02	0.02	15.3	68.7	0.93	600	0.30	<0.01	0.08	43.3
114	Soil	3.99	6.27	<0.05	0.12	0.02	0.02	14.9	67.8	0.94	601	0.33	<0.01	0.10	42.7
115	Soil	3.78	6.25	<0.05	0.23	0.02	0.02	12.2	64.8	0.94	595	0.33	<0.01	0.10	42.2
116	Soil	3.99	6.51	<0.05	0.17	0.02	0.03	14.6	66.5	0.96	517	0.32	<0.01	0.12	43.6
117	Soil	4.08	6.55	<0.05	0.13	0.02	0.02	16.3	69.0	0.98	519	0.32	<0.01	0.09	44.4
118	Soil	4.20	6.74	<0.05	0.13	0.02	0.02	16.4	68.1	1.03	661	0.33	<0.01	0.11	45.9
119	Soil	4.20	6.80	0.05	0.12	0.02	0.02	16.1	70.8	1.02	690	0.35	<0.01	0.10	45.4
120	Soil	4.10	6.49	<0.05	0.13	0.02	0.02	16.7	70.8	0.99	647	0.38	<0.01	0.11	44.7
121	Soil	4.05	6.50	<0.05	0.12	0.02	0.02	18.7	71.7	1.00	617	0.31	<0.01	0.10	44.8
122	Soil	4.11	6.94	<0.05	0.11	0.02	0.02	20.5	74.8	1.01	518	0.29	<0.01	0.09	45.2
123	Soil	4.30	7.11	0.05	0.09	0.02	0.01	24.6	75.4	1.01	522	0.31	<0.01	0.07	46.9
1	Soil	3.99	6.22	<0.05	0.19	0.02	0.02	13.7	59.0	0.89	757	0.50	<0.01	0.08	43.1
2	Soil	3.39	3.12	<0.05	0.11	0.03	0.03	14.8	27.7	0.40	655	0.56	<0.01	0.08	35.9
3	Soil	3.94	5.26	<0.05	0.15	0.04	0.03	15.2	55.3	0.79	728	0.72	0.01	0.08	50.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4	Soil	3.46	4.64	<0.05	0.20	0.04	0.05	11.8	49.8	0.77	773	0.67	0.01	0.10	51.3
5	Soil	3.74	5.24	0.07	0.12	0.07	0.04	14.2	53.5	0.84	784	0.50	0.01	0.15	46.0
6	Soil	3.65	5.42	<0.05	0.10	0.03	0.04	17.7	56.3	0.83	486	0.35	<0.01	0.12	40.5
7	Soil	3.38	4.61	<0.05	0.09	0.02	0.04	18.2	46.3	0.69	464	0.31	<0.01	0.13	36.0
8	Soil	2.69	4.71	<0.05	0.14	0.02	0.04	18.7	48.8	0.62	99	0.27	0.01	0.16	29.3
9	Soil	2.61	4.23	<0.05	0.11	0.02	0.04	12.2	44.5	0.56	185	0.35	0.01	0.34	25.8
10	Soil	2.68	4.27	<0.05	0.12	0.02	0.03	16.3	50.2	0.59	241	0.34	0.01	0.17	26.2
11	Soil	2.85	4.32	<0.05	0.11	0.02	0.05	19.3	43.5	0.56	211	0.28	<0.01	0.17	28.0
12	Soil	3.08	4.25	<0.05	0.10	0.03	0.03	20.8	40.6	0.61	374	0.31	<0.01	0.12	30.3
13	Soil	3.04	4.27	<0.05	0.10	0.02	0.04	20.2	37.9	0.58	346	0.36	<0.01	0.13	29.5
14	Soil	2.94	4.34	<0.05	0.10	0.02	0.05	20.7	38.9	0.60	393	0.31	<0.01	0.12	31.0
15	Soil	2.57	3.69	<0.05	0.10	0.02	0.05	20.6	33.5	0.48	299	0.20	0.01	0.20	21.7
16	Soil	2.84	3.97	<0.05	0.10	0.02	0.05	21.4	36.2	0.56	443	0.23	0.01	0.15	26.9
17	Soil	3.13	4.74	<0.05	0.08	0.02	0.03	18.6	46.0	0.61	690	0.29	0.01	0.12	27.5
18	Soil	3.34	5.59	<0.05	0.12	0.01	0.03	12.1	74.8	1.03	463	0.36	<0.01	<0.05	39.2
19	Soil	4.07	6.34	<0.05	0.16	0.03	0.02	11.4	76.0	0.98	699	0.72	<0.01	0.10	43.4
20	Soil	3.48	5.42	<0.05	0.21	0.03	0.03	9.2	63.7	0.85	595	0.66	0.01	0.13	37.4
21	Soil	4.16	6.25	<0.05	0.16	0.03	0.03	12.3	66.3	0.91	1015	0.77	0.01	0.09	45.6
22	Soil	4.08	5.74	<0.05	0.13	0.03	0.03	12.4	63.6	0.90	864	0.68	<0.01	0.08	42.8
23	Soil	4.02	5.70	<0.05	0.12	0.02	0.04	12.9	60.6	0.86	740	0.59	<0.01	0.08	41.8
24	Soil	3.91	5.80	<0.05	0.11	0.02	0.03	13.9	61.7	0.86	647	0.57	<0.01	0.07	41.2
25	Soil	4.07	6.00	<0.05	0.10	0.02	0.02	16.5	64.2	0.88	584	0.52	<0.01	0.08	43.1
26	Soil	3.73	5.30	<0.05	0.25	0.02	0.03	11.0	58.0	0.81	592	0.54	<0.01	0.09	39.7
27	Soil	3.74	5.73	<0.05	0.15	0.02	0.02	11.1	63.9	0.84	551	0.46	<0.01	0.10	39.9
28	Soil	3.72	5.86	<0.05	0.13	0.02	0.03	12.3	65.5	0.85	622	0.50	<0.01	0.12	41.1
29	Soil	3.58	5.72	<0.05	0.10	0.02	0.02	14.5	62.2	0.77	523	0.41	<0.01	0.29	36.0
30	Soil	4.55	6.31	<0.05	0.09	0.03	0.02	14.2	66.0	0.92	1077	0.78	<0.01	0.06	51.2
31	Soil	4.26	6.38	<0.05	0.22	0.03	0.02	10.7	64.9	0.95	738	0.58	<0.01	0.05	46.6
32	Soil	4.19	6.36	<0.05	0.15	0.02	0.02	13.2	71.1	0.96	857	0.48	<0.01	0.09	48.1
33	Soil	3.77	5.56	<0.05	0.15	0.02	0.03	15.8	61.5	0.81	847	0.53	0.01	0.27	52.1
34	Soil	2.52	4.39	<0.05	0.10	0.02	0.07	17.2	42.7	0.52	397	0.39	0.01	0.90	34.0
35	Soil	2.55	4.11	<0.05	0.07	0.01	0.04	15.5	41.6	0.51	379	0.27	<0.01	0.70	27.2
36	Soil	2.71	4.48	<0.05	0.08	0.02	0.06	18.2	45.4	0.55	420	0.28	0.01	0.78	30.4
37	Soil	2.65	4.55	<0.05	0.08	0.02	0.06	18.4	47.4	0.56	422	0.29	0.01	0.79	30.2
38	Soil	2.51	4.23	<0.05	0.05	0.01	0.05	20.7	46.5	0.57	313	0.28	0.01	0.86	25.1
559	Soil	3.54	3.95	0.06	0.12	0.08	0.03	12.9	36.3	0.53	654	1.09	<0.01	0.11	40.8
560	Soil	3.67	5.35	<0.05	0.15	0.04	0.05	10.7	58.3	0.84	556	0.65	0.01	0.10	44.9
561	Soil	3.91	6.16	<0.05	0.09	0.03	0.02	13.8	67.2	0.94	671	0.50	<0.01	0.09	45.3
562	Soil	3.51	5.36	<0.05	0.09	0.03	0.03	12.4	59.4	0.85	497	0.35	<0.01	0.10	40.3
563	Soil	3.14	4.82	<0.05	0.07	0.02	0.03	15.8	50.8	0.68	431	0.32	<0.01	0.10	33.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
564	Soil	3.28	4.92	<0.05	0.07	0.02	0.03	15.3	50.4	0.68	442	0.33	<0.01	0.10	35.0
565	Soil	3.52	4.80	<0.05	0.11	0.03	0.03	16.7	50.0	0.65	472	0.44	<0.01	0.08	33.5
566	Soil	3.71	4.43	<0.05	0.13	0.02	0.02	15.4	47.6	0.65	571	0.63	<0.01	<0.05	38.3
567	Soil	3.65	4.71	<0.05	0.10	0.02	0.02	14.7	51.9	0.73	584	0.68	<0.01	<0.05	40.7
568	Soil	3.75	5.25	<0.05	0.11	0.02	0.02	13.2	57.2	0.79	469	0.56	<0.01	<0.05	38.9
569	Soil	3.38	4.70	<0.05	0.11	0.02	0.02	16.0	53.1	0.85	678	0.65	<0.01	0.09	36.5
570	Soil	3.65	4.50	<0.05	0.13	0.02	0.02	15.6	50.2	0.68	457	0.37	<0.01	<0.05	36.3
571	Soil	3.54	4.28	<0.05	0.20	0.02	0.06	15.1	46.9	0.66	412	0.62	0.01	0.06	35.2
572	Soil	3.46	4.42	<0.05	0.12	0.02	0.02	15.3	48.3	0.69	488	0.40	<0.01	<0.05	34.0
573	Soil	3.44	4.55	<0.05	0.13	0.02	0.03	16.2	48.6	0.72	608	0.62	<0.01	<0.05	39.2
574	Soil	3.25	4.53	<0.05	0.11	0.02	0.03	17.3	51.8	0.71	357	0.34	<0.01	0.05	34.8
575	Soil	3.44	4.73	<0.05	0.10	0.02	0.02	16.5	51.5	0.74	428	0.32	<0.01	0.06	35.0
576	Soil	3.45	4.75	<0.05	0.12	0.02	0.02	16.0	52.2	0.76	849	0.50	<0.01	0.08	33.0
577	Soil	3.27	4.63	<0.05	0.10	0.02	0.02	16.3	52.3	0.77	430	0.34	<0.01	0.09	33.3
578	Soil	4.09	4.83	<0.05	0.12	0.02	0.02	17.2	52.9	0.76	738	0.39	<0.01	0.10	34.3
579	Soil	3.49	5.08	<0.05	0.11	0.02	0.03	19.6	54.1	0.73	804	0.33	<0.01	0.30	32.3
580	Soil	2.94	4.03	<0.05	0.17	0.01	0.02	10.6	42.1	0.60	743	0.26	<0.01	0.30	27.5
581	Soil	2.96	4.25	<0.05	0.11	0.02	0.03	11.6	43.9	0.61	656	0.30	<0.01	0.44	27.5
582	Soil	2.31	3.92	<0.05	0.07	0.01	0.05	12.8	36.3	0.49	755	0.32	0.01	0.94	21.5
583	Soil	2.02	3.52	<0.05	0.06	0.01	0.05	12.2	30.7	0.43	687	0.27	0.01	1.11	18.7
584	Soil	4.04	5.19	<0.05	0.15	0.03	0.03	9.7	64.7	0.70	725	0.50	<0.01	0.10	38.7
585	Soil	3.72	4.00	<0.05	0.09	0.03	0.02	7.5	48.0	0.61	709	0.43	<0.01	0.08	35.2
586	Soil	3.65	4.16	<0.05	0.08	0.03	0.02	8.0	48.5	0.60	702	0.44	<0.01	0.08	33.6
587	Soil	3.41	4.28	<0.05	0.08	0.03	0.02	6.8	50.5	0.62	661	0.76	<0.01	0.10	33.4
588	Soil	3.22	4.47	<0.05	0.08	0.02	0.02	6.4	45.7	0.62	739	0.72	<0.01	0.10	29.9
589	Soil	3.51	5.71	<0.05	0.07	0.01	0.03	6.5	68.3	0.83	564	0.44	<0.01	0.06	34.7
590	Soil	3.55	5.41	<0.05	0.09	0.02	0.02	6.4	63.3	0.81	614	0.58	<0.01	0.09	35.3
591	Soil	3.33	4.77	<0.05	0.08	0.02	0.02	9.0	54.5	0.70	496	0.35	<0.01	0.08	30.9
592	Soil	3.30	5.06	<0.05	0.12	0.02	0.03	9.8	51.4	0.65	351	0.36	<0.01	0.14	30.2
593	Soil	3.70	4.99	<0.05	0.08	0.02	0.02	7.5	56.1	0.76	660	0.45	<0.01	0.05	36.8
594	Soil	3.87	5.10	<0.05	0.10	0.03	0.02	16.8	55.0	0.75	466	0.40	<0.01	0.06	39.6
501	Soil	2.10	4.71	<0.05	0.10	0.01	0.02	4.9	43.7	0.60	257	0.39	0.02	0.25	23.8
502	Soil	3.65	6.06	<0.05	0.15	0.02	0.02	4.5	67.6	0.94	660	0.56	0.01	0.10	40.7
503	Soil	3.41	5.59	<0.05	0.16	0.02	0.02	4.8	64.2	0.83	554	0.48	<0.01	0.09	39.8
504	Soil	3.65	5.82	<0.05	0.14	0.02	0.02	5.2	67.0	0.86	1601	0.57	<0.01	0.10	49.5
505	Soil	3.98	6.66	<0.05	0.10	0.02	0.01	6.0	75.9	0.98	1446	0.52	<0.01	<0.05	90.2
506	Soil	4.45	7.85	0.06	0.07	0.02	0.01	7.4	87.4	1.10	920	0.38	<0.01	<0.05	61.1
507	Soil	4.16	6.97	<0.05	0.10	0.02	0.02	7.2	78.9	1.02	1404	0.62	<0.01	<0.05	85.9
508	Soil	3.11	4.57	<0.05	0.16	0.02	0.03	7.4	48.7	0.69	412	0.43	0.01	0.09	31.6
509	Soil	3.99	6.51	<0.05	0.12	0.02	0.02	7.2	72.6	1.00	1646	0.39	<0.01	0.05	83.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
510	Soil	4.03	6.22	<0.05	0.11	0.02	0.02	7.1	73.2	0.98	2022	0.60	<0.01	<0.05	94.2
511	Soil	3.17	4.19	<0.05	0.13	0.01	0.01	6.8	52.7	0.66	513	0.34	<0.01	<0.05	33.0
512	Soil	3.43	4.83	<0.05	0.11	0.01	0.01	5.9	57.1	0.76	886	0.49	<0.01	<0.05	48.7
513	Soil	2.71	3.82	<0.05	0.11	0.01	0.04	5.1	44.3	0.63	387	0.54	0.01	0.06	27.8
514	Soil	3.27	4.49	<0.05	0.12	0.01	0.02	7.4	57.9	0.71	673	0.38	<0.01	<0.05	38.9
515	Soil	3.34	4.83	<0.05	0.15	0.02	0.02	8.9	67.6	0.72	1792	0.46	<0.01	<0.05	89.5
516	Soil	3.60	5.65	<0.05	0.10	0.02	0.02	8.8	70.9	0.94	2486	0.43	<0.01	0.05	141.5
517	Soil	3.45	4.70	<0.05	0.13	0.02	0.01	8.4	67.6	0.71	2152	0.46	<0.01	<0.05	104.0
518	Soil	3.67	4.56	<0.05	0.10	0.03	0.01	6.5	55.3	0.68	503	0.53	<0.01	0.09	43.9
519	Soil	3.23	4.34	<0.05	0.15	0.02	0.01	5.2	66.0	0.65	2186	0.52	<0.01	0.05	87.0
520	Soil	2.87	4.33	<0.05	0.23	0.01	0.02	8.4	51.4	0.63	448	0.17	<0.01	0.20	27.3
521	Soil	2.92	4.11	0.05	0.13	0.01	0.01	10.2	71.7	0.63	2333	0.36	<0.01	<0.05	144.8
522	Soil	2.98	4.24	0.05	0.13	0.01	0.01	11.3	70.5	0.61	2959	0.42	<0.01	0.05	152.5
523	Soil	3.18	2.67	<0.05	0.14	0.03	0.04	10.3	29.7	0.35	608	0.41	<0.01	0.08	32.4
524	Soil	2.31	2.08	<0.05	0.08	0.02	0.03	3.5	25.8	0.37	193	0.24	<0.01	<0.05	23.2
525	Soil	2.66	2.38	<0.05	0.10	0.02	0.05	4.5	26.0	0.40	329	0.38	<0.01	0.09	28.1
526	Soil	3.23	3.19	<0.05	0.14	0.03	0.04	7.9	34.9	0.44	529	0.36	<0.01	0.14	33.3
527	Soil	3.30	3.27	<0.05	0.14	0.02	0.03	8.1	38.6	0.48	276	0.36	<0.01	0.10	33.8
528	Soil	2.70	2.75	<0.05	0.14	0.02	0.03	5.7	30.4	0.44	370	0.31	<0.01	0.09	27.8
529	Soil	2.98	3.16	<0.05	0.13	0.02	0.03	8.6	34.8	0.46	142	0.28	<0.01	0.09	27.9
595	Soil	3.29	4.65	<0.05	0.07	0.02	0.02	6.8	52.0	0.68	485	0.35	<0.01	0.05	32.1
596	Soil	3.31	4.47	<0.05	0.09	0.02	0.02	4.9	51.9	0.68	460	0.35	<0.01	<0.05	32.7
597	Soil	3.36	4.73	<0.05	0.08	0.02	0.02	6.6	53.2	0.67	441	0.56	<0.01	0.06	33.2
598	Soil	3.48	4.93	<0.05	0.15	0.02	0.03	10.0	43.5	0.63	552	0.35	<0.01	0.29	33.4
599	Soil	3.15	4.57	<0.05	0.10	0.02	0.02	6.6	52.0	0.66	362	0.39	<0.01	0.09	30.4
600	Soil	3.01	4.45	<0.05	0.07	0.01	0.01	6.4	48.7	0.64	458	0.23	<0.01	0.08	29.0
601	Soil	3.18	4.51	<0.05	0.10	0.02	0.02	7.5	48.4	0.66	589	0.29	<0.01	0.07	29.2
602	Soil	3.72	3.57	<0.05	0.17	0.03	0.03	12.9	30.0	0.42	1058	0.47	<0.01	<0.05	41.9
603	Soil	3.66	3.45	<0.05	0.16	0.03	0.02	9.7	35.1	0.46	648	0.42	<0.01	0.05	39.6
604	Soil	4.67	3.29	<0.05	0.12	0.03	0.03	6.2	30.2	0.41	830	0.63	<0.01	0.07	58.1
605	Soil	4.48	3.02	<0.05	0.13	0.03	0.02	7.3	29.3	0.36	1306	0.99	<0.01	<0.05	53.8
606	Soil	4.10	4.51	<0.05	0.09	0.03	0.03	12.2	48.4	0.54	1526	1.09	<0.01	0.12	45.7
607	Soil	3.33	3.46	<0.05	0.13	0.02	0.04	11.9	35.6	0.44	450	0.47	<0.01	0.10	33.4
608	Soil	3.50	3.48	<0.05	0.15	0.03	0.05	8.4	36.0	0.48	616	0.85	<0.01	0.08	38.2
609	Soil	3.40	3.65	<0.05	0.12	0.02	0.03	8.7	37.7	0.47	548	0.54	<0.01	0.09	34.6
610	Soil	3.47	3.76	<0.05	0.17	0.03	0.04	8.2	38.8	0.52	427	0.46	<0.01	0.11	34.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
192	Soil	782	41.9	3.7	<0.01	0.04	1.85	2.5	1.2	0.3	60.0	0.01	0.09	8.3	<0.005
193	Soil	851	29.7	3.0	<0.01	0.06	1.26	2.3	1.7	<0.2	62.0	<0.01	0.04	8.4	<0.005
194	Soil	674	38.4	3.0	<0.01	0.02	1.48	2.6	0.8	<0.2	39.9	<0.01	0.06	10.2	<0.005
195	Soil	1033	22.8	5.7	<0.01	0.09	1.07	1.6	1.2	0.3	102.0	<0.01	0.04	2.7	0.010
196	Soil	799	30.7	3.1	<0.01	0.05	0.90	2.1	1.0	<0.2	61.2	<0.01	0.05	9.4	<0.005
197	Soil	1049	30.9	5.6	<0.01	0.09	1.06	2.7	1.4	0.2	95.5	<0.01	0.04	3.8	0.009
198	Soil	758	26.5	3.3	<0.01	0.05	1.02	2.0	1.2	<0.2	65.3	<0.01	0.02	8.5	<0.005
199	Soil	713	26.8	4.2	<0.01	0.05	0.85	2.1	1.2	0.4	61.6	<0.01	0.05	8.2	<0.005
200	Soil	630	26.4	3.3	<0.01	0.03	0.86	2.2	0.7	<0.2	47.2	<0.01	0.03	8.2	<0.005
201	Soil	641	24.0	2.9	<0.01	0.04	0.92	2.2	1.2	<0.2	53.1	<0.01	0.02	8.4	<0.005
202	Soil	619	21.8	4.3	<0.01	0.05	0.68	2.0	0.9	<0.2	71.8	<0.01	0.03	8.5	<0.005
203	Soil	624	22.4	3.8	<0.01	0.04	0.70	2.0	0.8	<0.2	69.3	<0.01	0.03	9.2	<0.005
204	Soil	495	20.6	3.8	<0.01	0.02	0.62	1.8	0.7	<0.2	48.1	<0.01	0.02	9.9	<0.005
205	Soil	545	20.1	4.3	0.04	0.03	0.61	1.8	0.8	0.2	54.7	0.05	0.04	8.9	<0.005
206	Soil	545	19.1	4.1	<0.01	0.03	0.52	1.8	0.5	<0.2	43.8	0.01	0.04	9.8	<0.005
207	Soil	554	19.9	4.0	<0.01	0.03	0.54	1.8	0.5	<0.2	41.0	<0.01	0.03	9.6	<0.005
208	Soil	590	21.8	4.2	<0.01	0.04	0.46	1.9	0.5	<0.2	40.7	<0.01	0.04	8.5	<0.005
209	Soil	579	26.8	4.0	<0.01	0.10	0.66	2.2	0.5	<0.2	38.9	<0.01	0.03	9.7	<0.005
210	Soil	613	23.7	3.6	<0.01	0.06	0.52	2.1	1.0	<0.2	58.0	<0.01	0.03	9.1	<0.005
211	Soil	603	19.4	4.5	<0.01	0.04	0.38	2.0	0.6	0.2	48.2	<0.01	0.03	9.6	<0.005
212	Soil	572	18.0	3.6	<0.01	0.02	0.38	2.0	0.8	<0.2	29.3	<0.01	0.03	9.7	<0.005
213	Soil	541	17.1	3.9	<0.01	0.04	0.32	1.8	0.7	<0.2	44.9	<0.01	0.02	8.9	<0.005
214	Soil	580	17.0	4.0	<0.01	0.04	0.31	1.8	0.7	<0.2	49.2	<0.01	0.02	9.2	<0.005
215	Soil	532	15.8	3.6	<0.01	0.03	0.31	1.8	0.4	<0.2	38.1	<0.01	0.01	8.6	<0.005
216	Soil	1085	23.9	4.0	<0.01	0.08	0.90	2.8	1.9	0.3	78.5	<0.01	0.05	4.8	0.007
217	Soil	1088	19.8	5.0	<0.01	0.09	0.78	1.7	0.9	0.2	88.4	<0.01	0.03	3.6	0.006
218	Soil	620	26.9	2.8	<0.01	0.05	0.33	1.9	0.9	<0.2	62.8	<0.01	0.04	8.0	<0.005
219	Soil	595	23.9	2.7	<0.01	0.05	0.33	1.9	1.2	<0.2	65.4	<0.01	0.04	7.8	<0.005
220	Soil	438	16.0	2.5	<0.01	0.02	0.24	1.8	0.3	<0.2	38.3	<0.01	0.04	8.3	<0.005
221	Soil	516	18.5	3.1	<0.01	0.04	0.29	1.9	0.9	<0.2	60.8	<0.01	0.03	7.1	<0.005
222	Soil	547	20.0	4.2	<0.01	0.04	0.31	2.0	0.8	0.2	67.8	<0.01	0.02	8.3	<0.005
223	Soil	469	16.4	3.4	<0.01	0.02	0.22	1.6	0.2	<0.2	29.4	<0.01	0.02	8.6	<0.005
224	Soil	527	16.9	3.3	<0.01	0.02	0.24	1.6	0.3	<0.2	33.0	<0.01	0.02	9.5	<0.005
225	Soil	841	41.6	4.8	<0.01	0.09	0.59	2.1	0.8	<0.2	40.1	<0.01	0.03	9.8	<0.005
226	Soil	747	26.0	3.9	<0.01	0.05	0.73	2.1	1.2	<0.2	44.0	<0.01	0.05	11.2	<0.005
227	Soil	738	34.6	3.7	<0.01	0.07	0.58	2.1	1.0	<0.2	42.6	<0.01	0.04	11.0	<0.005
228	Soil	731	28.2	4.1	<0.01	0.07	0.58	2.1	1.3	<0.2	46.4	<0.01	0.04	10.1	<0.005
229	Soil	738	32.7	3.1	<0.01	0.06	0.74	2.1	1.4	<0.2	43.1	<0.01	0.04	9.4	<0.005
85	Soil	712	24.3	3.1	<0.01	0.05	0.35	1.8	1.1	<0.2	26.4	<0.01	0.01	13.6	<0.005
86	Soil	552	36.0	1.5	<0.01	0.04	0.94	2.5	0.5	<0.2	56.8	<0.01	0.02	17.0	<0.005

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
87	Soil	680	39.7	1.8	<0.01	0.05	0.57	2.6	1.0	<0.2	44.4	<0.01	0.02	14.5	<0.005
88	Soil	485	33.3	1.2	<0.01	0.01	1.05	2.4	0.4	<0.2	90.4	<0.01	0.04	16.1	<0.005
89	Soil	556	35.0	1.4	<0.01	0.03	0.89	2.3	0.3	<0.2	57.5	<0.01	0.02	15.2	<0.005
90	Soil	533	33.7	1.4	<0.01	0.01	1.01	2.5	0.3	<0.2	85.9	<0.01	0.03	17.0	<0.005
91	Soil	582	34.8	1.6	<0.01	0.02	0.84	2.4	0.5	<0.2	57.7	<0.01	0.02	15.4	<0.005
92	Soil	610	33.1	1.7	<0.01	0.03	0.77	2.4	0.4	<0.2	47.8	<0.01	0.03	15.8	<0.005
93	Soil	600	31.9	1.7	<0.01	0.03	0.68	2.3	0.6	<0.2	34.7	<0.01	0.03	14.2	<0.005
94	Soil	611	35.6	2.4	0.03	0.04	0.80	2.0	0.7	<0.2	65.0	0.05	0.09	11.2	<0.005
95	Soil	741	28.6	2.8	<0.01	0.09	0.71	3.0	1.7	<0.2	111.7	0.01	0.02	12.2	<0.005
96	Soil	609	29.5	2.8	<0.01	0.06	0.55	2.0	1.0	<0.2	50.7	<0.01	0.05	10.8	<0.005
97	Soil	623	30.8	2.1	<0.01	0.03	0.41	2.4	0.5	<0.2	54.1	<0.01	0.03	15.4	<0.005
98	Soil	504	28.4	1.9	<0.01	0.03	0.59	1.6	0.3	<0.2	32.0	<0.01	0.03	12.7	<0.005
99	Soil	642	30.6	2.3	<0.01	0.04	0.57	2.1	0.8	<0.2	52.9	<0.01	0.04	12.6	<0.005
100	Soil	576	28.5	2.4	<0.01	0.04	0.54	1.9	0.7	<0.2	40.6	<0.01	0.04	11.5	<0.005
101	Soil	512	21.5	1.7	<0.01	0.03	0.46	1.6	0.3	<0.2	24.1	<0.01	0.02	11.1	<0.005
102	Soil	574	23.0	2.7	<0.01	0.03	0.48	1.9	0.5	<0.2	33.3	<0.01	0.02	11.9	<0.005
103	Soil	433	14.6	1.8	<0.01	0.02	0.15	1.3	0.2	<0.2	17.6	<0.01	0.02	9.2	0.005
104	Soil	498	23.9	4.5	<0.01	0.03	0.29	2.1	0.4	<0.2	36.4	<0.01	0.01	10.3	<0.005
105	Soil	540	22.0	1.9	<0.01	0.02	0.43	1.8	0.5	<0.2	25.1	<0.01	0.01	11.3	<0.005
106	Soil	558	22.2	2.9	<0.01	0.03	0.46	1.9	0.5	<0.2	27.7	<0.01	0.05	7.1	<0.005
107	Soil	605	25.8	2.6	<0.01	0.02	0.47	2.4	0.5	<0.2	20.6	<0.01	0.05	9.5	<0.005
108	Soil	614	27.3	2.6	<0.01	0.02	0.43	2.5	0.5	<0.2	23.5	<0.01	0.07	9.7	<0.005
109	Soil	552	23.5	2.0	<0.01	0.03	0.43	2.2	0.5	<0.2	21.2	<0.01	0.07	7.9	<0.005
110	Soil	463	19.9	1.6	<0.01	0.02	0.40	2.1	0.4	<0.2	15.9	<0.01	0.08	7.8	<0.005
111	Soil	418	19.6	2.9	<0.01	0.02	0.43	1.9	0.5	<0.2	11.9	0.01	0.06	7.0	<0.005
112	Soil	525	21.2	1.9	<0.01	0.03	0.39	2.1	0.4	<0.2	20.1	<0.01	0.05	7.2	<0.005
113	Soil	500	25.2	1.7	<0.01	0.02	0.43	2.0	0.4	<0.2	17.2	<0.01	0.05	7.4	<0.005
114	Soil	538	24.6	2.1	<0.01	0.02	0.44	2.2	0.4	<0.2	21.0	<0.01	0.07	7.6	<0.005
115	Soil	547	21.8	1.8	<0.01	0.02	0.44	2.2	0.5	<0.2	20.8	<0.01	0.05	7.3	<0.005
116	Soil	616	22.5	2.4	<0.01	0.03	0.38	2.3	0.5	<0.2	27.0	<0.01	0.05	8.2	<0.005
117	Soil	554	22.4	1.9	<0.01	0.02	0.39	2.3	0.5	<0.2	20.7	<0.01	0.06	8.1	<0.005
118	Soil	571	22.7	2.2	<0.01	0.02	0.43	2.2	0.5	<0.2	22.6	<0.01	0.05	8.1	<0.005
119	Soil	525	23.7	2.0	<0.01	0.02	0.42	2.2	0.5	<0.2	20.2	<0.01	0.07	8.2	<0.005
120	Soil	548	23.8	2.1	<0.01	0.02	0.44	2.2	0.4	<0.2	24.1	<0.01	0.06	8.7	<0.005
121	Soil	566	22.6	2.2	<0.01	0.02	0.39	2.2	0.4	<0.2	22.2	<0.01	0.05	9.1	<0.005
122	Soil	549	20.8	2.0	<0.01	0.02	0.36	2.1	0.3	<0.2	18.1	<0.01	0.07	9.0	<0.005
123	Soil	483	18.3	1.4	<0.01	<0.01	0.33	1.9	<0.2	<0.2	12.5	<0.01	0.07	9.2	<0.005
1	Soil	475	34.0	1.7	<0.01	0.01	0.90	2.1	0.4	<0.2	10.7	<0.01	0.05	7.8	<0.005
2	Soil	718	47.8	2.8	<0.01	0.03	2.07	1.8	0.4	<0.2	13.9	<0.01	0.07	6.2	<0.005
3	Soil	801	96.5	2.8	<0.01	0.05	1.92	1.9	1.3	<0.2	19.4	<0.01	0.10	8.1	<0.005

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4	Soil	1034	130.1	3.6	<0.01	0.08	1.70	1.9	2.4	<0.2	28.0	<0.01	0.06	7.7	<0.005
5	Soil	694	65.9	3.9	0.04	0.04	1.15	1.9	0.9	0.2	25.4	0.05	0.10	7.9	<0.005
6	Soil	604	38.8	3.7	<0.01	0.03	0.64	1.8	0.8	<0.2	21.8	<0.01	0.05	9.0	<0.005
7	Soil	514	33.9	3.5	<0.01	0.02	0.55	1.7	0.5	<0.2	20.7	<0.01	0.06	9.2	<0.005
8	Soil	593	28.4	3.7	<0.01	0.14	0.32	1.8	0.4	<0.2	30.7	<0.01	<0.01	8.6	<0.005
9	Soil	818	22.7	4.5	<0.01	0.08	0.32	1.7	1.4	<0.2	39.2	<0.01	0.02	5.6	0.006
10	Soil	734	21.0	3.5	<0.01	0.05	0.29	1.7	1.3	<0.2	34.9	<0.01	0.04	7.7	<0.005
11	Soil	685	25.9	5.1	<0.01	0.05	0.34	1.8	0.8	<0.2	32.4	<0.01	0.01	9.6	<0.005
12	Soil	639	29.9	3.1	<0.01	0.05	0.68	1.9	1.0	<0.2	34.7	<0.01	0.02	10.8	<0.005
13	Soil	686	28.0	4.3	<0.01	0.04	0.52	1.8	0.6	<0.2	27.5	<0.01	0.03	10.7	<0.005
14	Soil	631	32.4	4.2	<0.01	0.05	0.51	1.7	0.9	<0.2	34.3	<0.01	0.02	11.5	<0.005
15	Soil	505	21.8	4.7	<0.01	0.03	0.29	1.4	0.6	<0.2	44.2	<0.01	0.02	7.5	<0.005
16	Soil	534	25.2	4.4	<0.01	0.04	0.35	1.5	0.8	<0.2	41.6	<0.01	0.02	9.8	<0.005
17	Soil	480	26.7	3.2	<0.01	0.03	0.30	1.6	0.3	<0.2	44.3	<0.01	0.02	10.4	<0.005
18	Soil	490	14.6	1.4	<0.01	0.02	0.25	1.5	0.6	<0.2	11.6	<0.01	0.05	5.2	<0.005
19	Soil	562	33.0	2.3	<0.01	0.03	0.77	2.3	0.5	<0.2	8.7	<0.01	0.08	6.1	<0.005
20	Soil	771	31.7	3.0	<0.01	0.08	0.73	2.3	1.3	<0.2	20.7	<0.01	0.05	4.8	<0.005
21	Soil	727	42.3	2.6	<0.01	0.05	1.04	2.7	1.2	<0.2	14.6	<0.01	0.08	6.4	<0.005
22	Soil	638	38.2	2.3	<0.01	0.04	0.92	2.2	0.8	<0.2	11.9	<0.01	0.10	7.4	<0.005
23	Soil	687	35.5	2.8	<0.01	0.04	0.80	2.0	0.9	<0.2	13.8	<0.01	0.09	7.5	<0.005
24	Soil	581	31.9	2.2	<0.01	0.03	0.72	1.9	0.5	<0.2	11.0	<0.01	0.08	8.1	<0.005
25	Soil	594	29.6	2.1	<0.01	0.02	0.65	1.9	0.7	<0.2	10.7	<0.01	0.07	8.9	<0.005
26	Soil	606	30.7	2.4	<0.01	0.04	0.68	1.9	1.0	<0.2	12.2	<0.01	0.08	7.2	<0.005
27	Soil	539	26.2	2.3	<0.01	0.03	0.59	1.8	0.5	<0.2	11.9	<0.01	0.07	7.0	<0.005
28	Soil	578	28.2	2.6	<0.01	0.03	0.63	1.9	0.6	<0.2	13.0	<0.01	0.09	7.1	<0.005
29	Soil	441	23.2	3.4	<0.01	0.02	0.45	1.7	0.5	<0.2	10.0	<0.01	0.07	7.2	<0.005
30	Soil	664	45.3	1.7	<0.01	0.03	1.35	2.8	<0.2	<0.2	7.5	<0.01	0.11	9.2	<0.005
31	Soil	599	32.4	1.9	<0.01	0.03	0.99	2.5	<0.2	<0.2	9.1	<0.01	0.08	8.0	<0.005
32	Soil	532	31.7	2.0	<0.01	0.02	0.69	2.2	0.3	<0.2	13.4	<0.01	0.12	6.8	<0.005
33	Soil	528	31.4	4.2	<0.01	0.03	0.61	2.0	0.5	<0.2	22.2	<0.01	0.08	5.6	<0.005
34	Soil	425	19.2	8.2	<0.01	0.04	0.31	1.4	0.6	0.3	24.2	<0.01	0.02	5.8	0.008
35	Soil	326	17.5	6.5	<0.01	0.02	0.29	1.3	0.4	0.2	15.4	<0.01	0.04	5.7	0.008
36	Soil	437	20.0	7.6	<0.01	0.03	0.33	1.5	0.5	0.2	21.2	<0.01	0.04	5.8	0.008
37	Soil	443	19.4	8.0	<0.01	0.03	0.31	1.5	0.6	0.2	21.4	<0.01	0.04	5.9	0.007
38	Soil	453	15.4	8.6	<0.01	0.02	0.18	1.4	0.2	0.2	23.2	<0.01	0.02	7.4	0.015
559	Soil	695	125.0	3.3	0.03	0.04	2.17	1.5	0.8	0.2	17.5	0.03	0.09	5.4	<0.005
560	Soil	895	141.5	3.6	<0.01	0.08	1.79	1.8	2.1	<0.2	23.9	<0.01	0.10	6.5	<0.005
561	Soil	622	60.4	3.2	<0.01	0.03	1.12	1.8	0.6	<0.2	20.0	<0.01	0.08	6.9	<0.005
562	Soil	595	43.9	3.7	<0.01	0.03	0.77	1.6	0.7	<0.2	21.2	<0.01	0.07	7.0	<0.005
563	Soil	447	37.0	3.1	<0.01	0.01	0.65	1.4	<0.2	<0.2	17.0	<0.01	0.06	7.7	<0.005

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
564	Soil	442	33.6	3.1	<0.01	0.02	0.61	1.4	0.2	<0.2	17.6	<0.01	0.03	7.7	<0.005
565	Soil	531	34.5	3.2	<0.01	0.02	0.69	1.9	0.4	<0.2	39.4	<0.01	0.05	12.4	<0.005
566	Soil	553	38.1	2.0	<0.01	0.03	0.85	2.1	0.3	<0.2	28.7	<0.01	0.04	16.3	<0.005
567	Soil	570	35.7	2.1	<0.01	0.03	0.83	2.2	0.4	<0.2	37.1	<0.01	0.06	14.5	<0.005
568	Soil	491	33.6	1.5	<0.01	0.04	0.70	1.5	<0.2	<0.2	32.9	<0.01	0.06	13.7	<0.005
569	Soil	609	27.3	1.9	<0.01	0.03	0.77	2.1	<0.2	<0.2	32.9	<0.01	0.05	10.0	<0.005
570	Soil	581	31.3	1.6	<0.01	0.04	0.75	1.9	0.4	<0.2	28.2	<0.01	0.03	15.7	<0.005
571	Soil	619	40.8	3.9	<0.01	0.05	1.10	1.9	0.6	<0.2	66.9	<0.01	0.03	13.2	<0.005
572	Soil	533	31.3	1.8	<0.01	0.03	0.69	1.8	<0.2	<0.2	33.3	<0.01	0.04	14.2	<0.005
573	Soil	536	33.0	2.3	<0.01	0.04	0.69	1.8	0.5	<0.2	41.4	<0.01	0.05	13.6	<0.005
574	Soil	560	24.6	2.1	<0.01	0.03	0.51	1.6	0.5	<0.2	36.8	<0.01	0.03	12.0	<0.005
575	Soil	522	25.3	2.0	<0.01	0.02	0.56	1.7	0.3	<0.2	39.3	<0.01	0.03	12.3	<0.005
576	Soil	563	20.3	2.1	<0.01	0.03	0.47	1.6	0.8	<0.2	47.6	<0.01	0.03	9.3	<0.005
577	Soil	522	23.6	2.2	<0.01	0.03	0.53	1.6	0.6	<0.2	40.1	<0.01	0.03	10.0	<0.005
578	Soil	552	24.7	2.5	<0.01	0.03	0.50	1.8	0.7	<0.2	44.0	<0.01	0.05	11.7	<0.005
579	Soil	493	25.8	4.2	<0.01	0.02	0.38	1.7	0.4	<0.2	38.9	<0.01	0.05	11.0	<0.005
580	Soil	454	17.6	3.3	<0.01	0.02	0.24	1.3	0.3	<0.2	22.8	<0.01	<0.01	7.8	<0.005
581	Soil	494	19.6	4.5	<0.01	0.03	0.26	1.5	0.7	<0.2	32.3	<0.01	0.02	7.6	0.005
582	Soil	480	16.0	7.7	<0.01	0.04	0.25	1.4	0.7	0.3	46.5	<0.01	0.01	4.8	0.011
583	Soil	453	13.5	8.5	<0.01	0.04	0.24	1.2	0.8	0.3	46.0	<0.01	0.01	4.0	0.014
584	Soil	501	38.4	3.0	<0.01	0.02	0.69	2.6	0.4	<0.2	48.8	<0.01	0.06	11.0	<0.005
585	Soil	754	41.3	1.8	<0.01	0.02	1.00	3.0	0.6	<0.2	44.4	<0.01	0.03	11.6	<0.005
586	Soil	734	41.4	2.0	<0.01	0.02	1.03	3.0	0.7	<0.2	45.8	<0.01	0.01	10.9	<0.005
587	Soil	583	35.9	2.4	<0.01	0.03	0.91	2.3	0.5	<0.2	35.4	<0.01	0.04	9.8	<0.005
588	Soil	708	45.3	2.3	<0.01	0.03	1.03	1.4	0.7	<0.2	47.6	<0.01	0.07	7.5	<0.005
589	Soil	427	26.0	2.2	<0.01	0.01	0.29	1.3	0.4	<0.2	24.0	<0.01	0.04	8.1	<0.005
590	Soil	558	34.4	2.2	<0.01	0.02	0.51	1.5	0.6	<0.2	25.5	<0.01	0.06	8.9	<0.005
591	Soil	497	22.0	1.9	<0.01	0.02	0.63	1.4	0.4	<0.2	23.4	<0.01	0.03	8.6	<0.005
592	Soil	541	25.5	2.7	<0.01	0.03	0.76	2.0	0.6	<0.2	36.2	<0.01	0.02	9.3	<0.005
593	Soil	640	33.8	1.5	<0.01	0.04	0.84	2.4	0.5	<0.2	26.7	<0.01	0.04	12.4	<0.005
594	Soil	627	32.2	1.7	<0.01	0.03	1.57	2.5	0.3	<0.2	29.3	<0.01	0.01	13.0	<0.005
501	Soil	936	20.4	2.0	<0.01	0.18	0.31	1.2	0.5	<0.2	16.9	<0.01	0.03	2.6	<0.005
502	Soil	639	28.9	2.1	<0.01	0.04	0.58	1.9	0.7	<0.2	15.9	<0.01	0.03	4.5	<0.005
503	Soil	562	25.7	2.4	<0.01	0.05	0.58	1.9	0.8	<0.2	14.4	<0.01	0.03	5.0	<0.005
504	Soil	594	25.1	2.3	<0.01	0.05	0.52	1.8	0.7	<0.2	15.0	<0.01	0.03	4.8	<0.005
505	Soil	447	27.3	1.3	<0.01	0.02	0.47	1.8	0.4	<0.2	14.4	<0.01	0.05	7.1	<0.005
506	Soil	412	23.5	1.0	<0.01	<0.01	0.35	1.9	0.4	<0.2	7.9	<0.01	0.08	7.3	<0.005
507	Soil	503	26.1	1.4	<0.01	0.02	0.44	2.0	0.3	<0.2	13.2	<0.01	0.07	7.5	<0.005
508	Soil	717	27.4	2.1	<0.01	0.06	0.79	1.7	2.2	<0.2	65.8	<0.01	<0.01	6.8	<0.005
509	Soil	605	28.7	1.8	<0.01	0.03	0.46	2.0	1.2	<0.2	23.6	<0.01	0.06	6.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
510	Soil	531	27.5	1.7	<0.01	0.02	0.46	2.0	0.5	<0.2	21.3	<0.01	0.02	7.9	<0.005
511	Soil	478	30.9	1.0	<0.01	0.01	0.72	1.4	0.4	<0.2	37.7	<0.01	0.02	12.0	<0.005
512	Soil	464	28.4	1.2	<0.01	0.01	0.57	1.5	<0.2	<0.2	25.9	<0.01	0.03	9.6	<0.005
513	Soil	760	22.6	1.5	<0.01	0.07	0.76	1.4	2.8	<0.2	77.5	<0.01	0.02	5.2	<0.005
514	Soil	489	29.2	1.2	<0.01	0.02	0.65	1.4	0.7	<0.2	42.3	<0.01	0.02	10.0	<0.005
515	Soil	513	32.5	1.3	<0.01	0.03	0.70	2.0	0.7	<0.2	34.0	<0.01	0.04	10.9	<0.005
516	Soil	608	28.0	1.7	<0.01	0.05	0.62	1.6	1.3	<0.2	31.2	<0.01	0.03	6.4	<0.005
517	Soil	470	30.2	1.3	<0.01	0.05	0.62	2.1	0.5	<0.2	32.2	<0.01	0.05	10.3	<0.005
518	Soil	495	26.7	2.1	<0.01	0.10	0.46	3.2	0.4	<0.2	6.7	<0.01	0.02	8.8	<0.005
519	Soil	486	28.0	1.3	<0.01	0.30	0.57	2.0	0.4	<0.2	14.6	<0.01	0.02	8.8	<0.005
520	Soil	487	15.8	2.9	<0.01	0.02	0.18	1.3	<0.2	<0.2	18.6	<0.01	<0.01	7.2	<0.005
521	Soil	413	23.3	1.0	<0.01	0.03	0.54	1.8	0.2	<0.2	24.7	<0.01	0.03	8.3	<0.005
522	Soil	401	23.3	1.1	<0.01	0.05	0.53	2.2	0.4	<0.2	29.3	<0.01	0.04	8.0	<0.005
523	Soil	657	35.0	1.8	<0.01	0.03	0.95	2.3	0.4	<0.2	36.8	<0.01	<0.01	6.7	<0.005
524	Soil	489	20.1	1.3	<0.01	<0.01	0.62	1.6	0.7	<0.2	273.1	<0.01	0.02	6.7	<0.005
525	Soil	631	25.0	2.2	<0.01	<0.01	1.06	1.9	0.7	<0.2	194.3	<0.01	0.02	6.2	<0.005
526	Soil	889	34.5	3.4	<0.01	0.06	1.06	2.3	<0.2	<0.2	56.4	<0.01	0.02	6.7	<0.005
527	Soil	732	32.1	2.5	<0.01	0.02	1.04	2.2	0.6	<0.2	69.6	<0.01	0.02	8.3	<0.005
528	Soil	845	24.1	2.7	<0.01	0.07	0.83	1.9	0.7	<0.2	106.1	<0.01	<0.01	5.7	<0.005
529	Soil	781	26.0	2.4	<0.01	0.03	0.77	1.9	0.6	<0.2	52.2	<0.01	0.01	7.8	<0.005
595	Soil	564	26.9	1.6	<0.01	0.04	0.90	1.8	0.4	<0.2	28.1	<0.01	0.02	8.4	<0.005
596	Soil	636	33.5	1.4	<0.01	0.06	0.57	1.9	0.7	<0.2	65.1	<0.01	0.02	11.1	<0.005
597	Soil	633	30.1	1.8	<0.01	0.05	0.76	2.0	0.8	<0.2	39.7	<0.01	0.03	9.6	<0.005
598	Soil	554	26.2	3.9	<0.01	0.01	0.56	1.7	0.3	<0.2	33.1	<0.01	0.02	7.7	<0.005
599	Soil	579	26.2	2.1	<0.01	0.04	0.55	1.7	0.4	<0.2	36.6	<0.01	<0.01	8.7	<0.005
600	Soil	482	16.3	1.7	<0.01	0.06	0.24	1.3	0.3	<0.2	25.6	<0.01	<0.01	8.0	<0.005
601	Soil	536	23.3	1.8	<0.01	0.03	0.42	1.6	0.4	<0.2	35.5	<0.01	<0.01	7.9	<0.005
602	Soil	531	54.0	2.6	<0.01	0.02	1.98	2.7	0.2	<0.2	32.0	<0.01	0.04	13.2	<0.005
603	Soil	516	39.7	1.8	<0.01	0.03	1.34	2.5	0.3	<0.2	35.6	<0.01	0.02	9.9	<0.005
604	Soil	559	54.4	2.0	<0.01	0.05	3.49	3.3	0.5	<0.2	27.1	<0.01	0.03	14.6	<0.005
605	Soil	449	87.3	2.1	<0.01	0.01	2.50	3.1	0.2	<0.2	32.5	<0.01	0.11	13.0	<0.005
606	Soil	515	82.3	2.8	<0.01	0.02	1.40	2.8	0.4	0.2	22.3	<0.01	0.06	10.7	<0.005
607	Soil	593	38.8	2.2	<0.01	0.02	1.12	2.3	0.3	<0.2	25.8	<0.01	<0.01	9.0	<0.005
608	Soil	647	42.2	2.9	<0.01	0.04	1.15	2.4	0.4	<0.2	56.5	<0.01	<0.01	8.4	<0.005
609	Soil	636	38.3	2.3	<0.01	0.03	1.02	2.3	0.3	<0.2	33.3	<0.01	0.02	8.9	<0.005
610	Soil	645	39.7	3.2	<0.01	0.04	1.06	2.6	0.5	<0.2	72.1	<0.01	<0.01	8.2	<0.005

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
192	Soil	0.05	3.29	15	0.13	7.92	98	1.7
193	Soil	<0.05	2.77	13	0.06	6.70	103	2.1
194	Soil	<0.05	2.06	14	<0.05	7.49	106	1.7
195	Soil	0.06	4.64	16	0.12	10.77	97	1.6
196	Soil	<0.05	1.89	16	<0.05	5.75	109	2.3
197	Soil	<0.05	11.67	17	0.07	14.73	78	2.3
198	Soil	<0.05	2.61	14	<0.05	5.99	91	2.2
199	Soil	<0.05	2.19	16	0.07	5.70	89	2.1
200	Soil	<0.05	2.14	16	<0.05	5.94	94	1.9
201	Soil	<0.05	2.47	15	<0.05	6.20	96	2.0
202	Soil	<0.05	1.82	15	0.06	5.69	83	2.8
203	Soil	<0.05	2.15	15	0.05	5.38	89	2.7
204	Soil	<0.05	1.92	15	0.27	4.44	86	2.3
205	Soil	0.08	1.96	16	0.14	4.71	86	2.4
206	Soil	<0.05	2.29	16	0.21	4.86	85	2.4
207	Soil	<0.05	1.85	16	0.18	5.13	82	2.6
208	Soil	<0.05	1.58	15	0.10	5.07	87	2.7
209	Soil	<0.05	2.87	15	0.07	5.81	79	2.9
210	Soil	<0.05	3.16	15	0.11	6.08	80	3.1
211	Soil	<0.05	2.00	16	0.33	5.75	87	3.2
212	Soil	<0.05	2.60	17	1.38	6.18	90	3.1
213	Soil	<0.05	1.88	17	0.23	4.69	82	3.1
214	Soil	<0.05	2.22	16	0.19	4.82	83	2.9
215	Soil	<0.05	2.12	17	0.91	4.54	83	2.8
216	Soil	<0.05	2.54	16	0.07	10.50	103	4.7
217	Soil	<0.05	5.57	16	0.06	5.22	136	3.6
218	Soil	<0.05	1.70	17	0.06	4.19	93	4.5
219	Soil	<0.05	2.16	18	<0.05	3.54	99	4.0
220	Soil	<0.05	1.21	20	0.90	2.84	96	3.1
221	Soil	<0.05	1.98	20	0.09	3.29	96	3.5
222	Soil	<0.05	2.49	19	0.14	4.54	89	3.9
223	Soil	<0.05	1.22	17	0.26	3.64	83	3.0
224	Soil	<0.05	1.59	17	0.13	4.26	89	3.0
225	Soil	<0.05	12.49	14	0.11	8.08	113	3.5
226	Soil	<0.05	11.38	14	0.05	9.14	94	3.9
227	Soil	<0.05	5.92	14	0.06	7.86	99	3.7
228	Soil	<0.05	6.31	14	0.06	7.52	98	4.2
229	Soil	<0.05	6.35	14	<0.05	7.92	104	3.9
85	Soil	<0.05	6.21	16	<0.05	7.07	93	3.0
86	Soil	<0.05	1.64	14	<0.05	7.75	107	7.5

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
87	Soil	<0.05	2.04	16	<0.05	8.12	105	4.3
88	Soil	<0.05	1.45	13	<0.05	7.33	105	8.7
89	Soil	<0.05	1.36	14	<0.05	7.15	102	7.1
90	Soil	<0.05	1.56	14	<0.05	7.78	110	8.3
91	Soil	<0.05	1.75	14	<0.05	7.78	110	6.5
92	Soil	<0.05	2.32	14	<0.05	7.79	108	5.2
93	Soil	<0.05	1.91	15	<0.05	7.63	105	4.9
94	Soil	0.07	3.90	14	0.07	6.10	94	3.0
95	Soil	<0.05	3.56	14	0.07	10.17	88	5.9
96	Soil	<0.05	2.82	15	0.05	6.07	90	3.4
97	Soil	<0.05	2.21	15	0.05	6.26	101	3.6
98	Soil	<0.05	1.69	15	<0.05	4.48	92	2.3
99	Soil	<0.05	2.27	15	<0.05	6.48	98	3.7
100	Soil	<0.05	1.98	15	0.07	5.29	93	3.0
101	Soil	<0.05	1.67	14	<0.05	4.37	93	2.6
102	Soil	<0.05	3.28	15	<0.05	5.36	94	2.8
103	Soil	<0.05	1.20	17	0.08	3.14	89	3.0
104	Soil	<0.05	8.34	16	0.08	7.24	92	4.9
105	Soil	<0.05	3.77	14	0.06	5.32	90	3.1
106	Soil	<0.05	4.53	18	<0.05	4.22	96	4.5
107	Soil	<0.05	2.04	19	<0.05	4.77	106	3.9
108	Soil	<0.05	2.80	20	<0.05	4.67	109	4.1
109	Soil	<0.05	2.03	19	<0.05	4.28	108	4.4
110	Soil	<0.05	1.32	20	<0.05	3.49	109	3.8
111	Soil	<0.05	1.81	16	0.06	3.43	111	3.2
112	Soil	<0.05	1.41	18	<0.05	3.69	106	3.7
113	Soil	<0.05	1.49	18	<0.05	3.59	106	3.7
114	Soil	<0.05	1.78	18	0.05	4.08	106	4.1
115	Soil	<0.05	2.03	18	<0.05	4.10	103	4.2
116	Soil	<0.05	1.95	18	<0.05	4.13	108	4.5
117	Soil	<0.05	1.74	19	<0.05	4.02	111	4.1
118	Soil	<0.05	1.96	19	<0.05	4.11	115	4.1
119	Soil	<0.05	2.02	19	<0.05	3.96	114	4.1
120	Soil	<0.05	2.66	18	<0.05	3.95	115	4.0
121	Soil	<0.05	2.00	19	<0.05	3.95	109	3.9
122	Soil	<0.05	1.63	19	<0.05	3.80	109	3.9
123	Soil	<0.05	1.28	19	<0.05	3.17	113	3.6
1	Soil	<0.05	4.02	18	<0.05	4.94	112	5.1
2	Soil	<0.05	3.65	13	1.83	4.94	166	2.7
3	Soil	0.05	4.02	16	0.14	4.89	341	3.9

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4	Soil	0.07	8.56	15	0.15	5.09	348	4.7
5	Soil	0.11	4.08	17	0.22	3.98	222	3.2
6	Soil	<0.05	1.81	17	0.16	3.40	159	2.9
7	Soil	<0.05	1.72	16	0.35	3.17	122	2.7
8	Soil	0.05	8.14	14	<0.05	7.97	75	4.2
9	Soil	<0.05	6.33	16	0.07	6.88	85	3.5
10	Soil	<0.05	5.65	14	<0.05	6.62	83	3.4
11	Soil	<0.05	3.15	14	<0.05	7.33	78	3.4
12	Soil	<0.05	2.85	14	0.05	8.81	69	2.9
13	Soil	<0.05	3.03	13	<0.05	7.95	83	3.0
14	Soil	<0.05	2.95	13	<0.05	8.52	81	3.2
15	Soil	<0.05	2.62	13	<0.05	6.51	76	2.8
16	Soil	<0.05	3.48	13	0.05	6.74	80	2.7
17	Soil	<0.05	2.24	14	<0.05	5.67	95	2.6
18	Soil	<0.05	5.20	18	<0.05	3.23	89	3.9
19	Soil	<0.05	2.87	19	0.08	5.29	110	5.2
20	Soil	<0.05	7.08	17	<0.05	6.96	95	6.4
21	Soil	<0.05	4.52	19	0.06	7.60	114	5.2
22	Soil	<0.05	4.09	17	0.81	4.80	108	4.2
23	Soil	<0.05	4.46	17	0.08	4.76	112	3.9
24	Soil	<0.05	3.39	17	0.07	4.20	107	3.6
25	Soil	<0.05	2.95	17	0.14	3.81	111	3.5
26	Soil	<0.05	4.33	16	0.10	4.10	104	4.2
27	Soil	<0.05	2.80	18	0.08	3.33	102	4.0
28	Soil	<0.05	3.25	18	0.08	3.75	107	3.9
29	Soil	<0.05	2.02	18	0.10	3.15	94	3.0
30	Soil	<0.05	1.78	18	0.07	6.27	117	3.3
31	Soil	<0.05	1.59	18	<0.05	5.09	116	6.5
32	Soil	<0.05	2.10	18	<0.05	4.19	118	4.9
33	Soil	<0.05	2.92	18	0.09	5.55	111	4.6
34	Soil	0.06	1.68	17	0.16	4.36	74	2.6
35	Soil	<0.05	1.50	16	0.15	3.76	65	2.0
36	Soil	<0.05	1.79	17	0.14	4.91	72	2.4
37	Soil	0.05	1.84	17	0.21	5.01	73	2.3
38	Soil	0.05	0.87	18	0.25	5.25	74	1.3
559	Soil	0.09	4.21	13	0.36	4.58	283	3.0
560	Soil	0.06	7.92	16	0.13	4.81	304	3.9
561	Soil	<0.05	2.89	20	0.75	3.28	226	2.7
562	Soil	<0.05	2.18	17	0.14	3.20	179	2.6
563	Soil	<0.05	1.18	16	0.19	2.76	117	2.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
564	Soil	<0.05	1.27	17	0.17	2.74	117	2.2
565	Soil	<0.05	2.40	15	<0.05	8.79	83	3.3
566	Soil	<0.05	1.90	13	0.09	8.04	84	6.6
567	Soil	<0.05	1.90	16	<0.05	7.30	89	4.8
568	Soil	<0.05	1.45	16	<0.05	4.82	96	4.8
569	Soil	<0.05	2.42	18	0.06	6.64	84	3.9
570	Soil	<0.05	2.97	14	<0.05	6.89	85	6.3
571	Soil	<0.05	3.16	13	0.07	8.64	96	7.8
572	Soil	<0.05	1.87	14	<0.05	6.59	82	5.3
573	Soil	<0.05	1.94	15	0.07	10.18	104	4.8
574	Soil	<0.05	1.71	15	0.07	7.15	88	4.3
575	Soil	<0.05	1.62	15	0.06	6.26	89	4.3
576	Soil	<0.05	3.87	15	0.08	5.68	84	3.9
577	Soil	<0.05	2.20	16	0.09	6.31	88	4.1
578	Soil	<0.05	1.79	16	<0.05	6.08	90	4.8
579	Soil	<0.05	1.83	17	0.07	5.87	85	4.0
580	Soil	0.06	1.65	13	0.12	4.32	70	2.3
581	Soil	0.07	2.95	14	0.08	5.34	75	2.6
582	Soil	0.09	3.63	15	0.17	5.92	61	1.9
583	Soil	0.10	3.11	15	0.22	5.59	55	1.5
584	Soil	0.06	2.08	15	0.06	7.92	94	3.9
585	Soil	<0.05	1.98	12	0.07	9.03	93	2.2
586	Soil	<0.05	1.96	12	0.07	9.35	89	2.4
587	Soil	<0.05	3.65	13	<0.05	7.74	99	2.3
588	Soil	<0.05	9.63	14	0.06	5.21	86	2.0
589	Soil	<0.05	3.20	18	0.05	2.79	91	1.8
590	Soil	<0.05	6.19	17	0.05	4.47	86	2.4
591	Soil	<0.05	3.84	15	<0.05	4.95	77	2.4
592	Soil	<0.05	2.16	13	0.06	7.04	88	3.5
593	Soil	<0.05	1.79	14	0.06	6.14	96	2.3
594	Soil	<0.05	1.52	14	<0.05	8.95	112	3.3
501	Soil	<0.05	5.61	15	0.05	3.67	58	3.0
502	Soil	<0.05	15.60	17	0.06	5.55	111	4.5
503	Soil	<0.05	7.39	16	0.05	5.10	121	4.5
504	Soil	<0.05	9.12	16	<0.05	5.43	135	4.1
505	Soil	<0.05	2.47	18	<0.05	12.18	398	3.2
506	Soil	<0.05	1.37	20	0.13	3.64	183	2.6
507	Soil	<0.05	2.04	19	0.06	9.09	335	3.1
508	Soil	<0.05	3.00	14	0.07	6.98	90	5.0
509	Soil	<0.05	1.99	19	0.09	9.71	311	3.3

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
510	Soil	<0.05	2.03	17	0.06	10.28	340	3.2
511	Soil	<0.05	1.26	13	0.06	4.76	87	6.7
512	Soil	<0.05	1.43	14	<0.05	6.17	159	4.3
513	Soil	<0.05	5.12	12	0.06	6.19	76	3.9
514	Soil	<0.05	1.63	14	0.07	5.32	112	4.3
515	Soil	<0.05	4.22	14	0.08	11.82	251	6.5
516	Soil	<0.05	2.60	16	0.07	9.81	296	3.1
517	Soil	<0.05	4.13	14	0.09	11.62	283	5.3
518	Soil	0.06	5.64	16	0.11	5.11	104	3.1
519	Soil	<0.05	5.06	14	0.08	10.87	209	5.4
520	Soil	<0.05	0.79	14	0.06	3.69	74	2.9
521	Soil	<0.05	2.73	12	<0.05	10.15	276	4.8
522	Soil	<0.05	3.70	13	<0.05	12.84	335	4.6
523	Soil	<0.05	1.11	10	0.05	9.46	96	3.9
524	Soil	<0.05	1.06	7	<0.05	4.70	68	2.4
525	Soil	<0.05	1.17	9	0.06	6.30	78	2.8
526	Soil	<0.05	1.56	11	0.09	8.27	122	3.7
527	Soil	<0.05	1.06	11	<0.05	7.04	92	4.0
528	Soil	<0.05	1.88	9	<0.05	6.45	98	4.0
529	Soil	<0.05	0.93	11	<0.05	5.49	91	3.5
595	Soil	<0.05	2.70	14	<0.05	5.68	88	2.1
596	Soil	<0.05	1.64	12	<0.05	5.65	91	2.7
597	Soil	<0.05	2.34	14	<0.05	6.23	90	2.4
598	Soil	<0.05	6.44	15	0.05	7.19	87	4.5
599	Soil	<0.05	2.31	14	<0.05	5.76	87	2.8
600	Soil	<0.05	1.13	14	0.06	3.60	87	2.6
601	Soil	<0.05	3.25	13	<0.05	5.28	88	2.9
602	Soil	0.08	1.50	11	<0.05	13.20	118	10.5
603	Soil	<0.05	1.29	11	<0.05	8.95	109	6.6
604	Soil	0.05	1.61	10	<0.05	10.48	104	4.7
605	Soil	0.05	1.96	13	<0.05	7.11	143	8.1
606	Soil	0.05	1.84	16	0.08	8.99	112	4.2
607	Soil	<0.05	1.09	12	0.05	7.83	92	4.9
608	Soil	<0.05	1.94	12	0.06	8.19	97	5.2
609	Soil	<0.05	1.19	13	0.06	7.25	93	4.1
610	Soil	<0.05	1.47	12	0.05	8.39	96	5.6

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
192	Soil		0.13	1.37	25.7	30	0.47	0.57	0.54	0.19	28.67	20.1	21	0.70	50.8
192 Dup			0.13	1.39	24.8	30	0.47	0.57	0.53	0.18	28.21	18.4	20	0.68	47.0
QCV1108-00420-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6241.1
210	Soil		0.10	1.51	14.6	43	0.41	0.36	0.65	0.07	29.74	13.2	19	0.43	27.6
210 Dup			0.10	1.50	13.0	44	0.40	0.38	0.65	0.07	30.57	12.7	18	0.43	27.6
QCV1108-00420-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6283.5
228	Soil		0.15	1.68	4.7	26	0.57	0.47	0.68	0.10	26.84	16.1	20	0.85	37.1
228 Dup			0.15	1.70	5.2	26	0.57	0.49	0.70	0.10	26.36	16.5	20	0.83	37.6
QCV1108-00420-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.08												6079.3
101	Soil		0.06	1.52	11.6	19	0.31	0.33	0.26	0.07	37.18	12.0	25	0.26	20.5
101 Dup			0.06	1.54	12.3	19	0.32	0.30	0.25	0.07	38.82	11.8	24	0.26	20.0
QCV1108-00420-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.22					8.98				20.8			>10000
119	Soil		0.07	2.12	28.9	20	0.29	0.43	0.30	0.08	31.05	17.3	33	0.69	34.4
119 Dup			0.07	2.18	31.0	20	0.28	0.42	0.30	0.08	31.14	17.0	33	0.66	35.0
QCV1108-00420-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.51					9.77				21.7			>10000
14	Soil		0.14	1.45	5.6	31	0.49	0.41	0.44	0.10	46.16	14.1	20	0.88	40.6
14 Dup			0.13	1.48	6.2	31	0.49	0.42	0.45	0.11	46.37	13.9	20	0.89	37.7
QCV1108-00420-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.48					9.64				22.0			>10000
32	Soil		0.09	2.12	18.9	20	0.31	0.54	0.41	0.08	21.88	19.1	29	1.16	46.7
32 Dup			0.09	2.08	19.0	19	0.32	0.52	0.40	0.08	21.15	18.6	28	1.09	45.6
QCV1108-00420-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6372.9
570	Soil		0.09	1.37	17.8	19	0.42	0.44	0.29	0.07	29.92	16.4	19	0.37	35.2
570 Dup			0.09	1.39	18.2	19	0.42	0.43	0.30	0.07	30.27	16.2	20	0.36	34.1
QCV1108-00420-0023-BLK			<0.01	<0.01	0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					9.41				22.1			>10000

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
588	Soil		0.07	1.44	14.6	23	0.37	0.60	0.32	0.12	13.06	17.8	23	0.59	36.3
588 Dup			0.07	1.47	15.8	22	0.38	0.63	0.31	0.12	12.99	18.1	21	0.59	35.7
QCV1108-00420-0026-BLK			<0.01	<0.01	0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6171.5
512	Soil		0.06	1.50	36.2	21	0.49	0.41	0.43	0.21	12.40	37.9	25	0.33	70.0
512 Dup			0.06	1.51	35.7	20	0.49	0.40	0.44	0.20	12.94	38.1	24	0.33	70.2
QCV1108-00420-0029-BLK			<0.01	<0.01	0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.46					9.22				21.5			>10000
QCV1108-00420-0031-BLK			<0.01	<0.01	0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
595	Soil		0.08	1.44	9.4	22	0.39	0.40	0.29	0.09	14.32	15.0	21	0.25	34.2
595 Dup			0.08	1.45	9.4	23	0.39	0.41	0.28	0.09	14.44	14.8	21	0.25	32.0
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.48					8.56				21.4			>10000
QCV1108-00420-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6168.6
192	Soil	0.032													
192 Dup		0.036													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.412													
210	Soil	0.013													
210 Dup		0.015													
QCV1108-00421-0004-BLK		0.010													
228	Soil	0.036													
228 Dup		0.037													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.397													
101	Soil	0.044													
101 Dup		0.048													
119	Soil	0.030													
119 Dup		0.029													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.393													
14	Soil	0.059													
14 Dup		0.063													
QCV1108-00421-0012-BLK		<0.005													
32	Soil	0.006													
32 Dup		0.006													

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-OxG84 expected		0.922													
STD-OxG84 result		0.920													
570	Soil	0.006													
570 Dup		0.007													
QCV1108-00421-0016-BLK		<0.005													
588	Soil	0.007													
588 Dup		0.010													
512	Soil	0.017													
512 Dup		0.026													
QCV1108-00421-0020-BLK		<0.005													
595	Soil	0.013													
595 Dup		0.008													
QCV1108-00421-0022-BLK		0.007													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
192	Soil	3.56	4.68	<0.05	0.07	0.03	0.04	13.9	43.0	0.58	660	0.55	0.01	0.23	34.1
192 Dup		3.59	4.44	<0.05	0.07	0.03	0.04	13.4	41.1	0.59	655	0.55	0.01	0.20	33.9
QCV1108-00420-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
210	Soil	3.81	5.02	<0.05	0.09	0.02	0.04	14.9	44.0	0.60	523	0.45	0.01	0.20	28.4
210 Dup		3.82	4.86	<0.05	0.09	0.02	0.04	15.4	43.0	0.59	531	0.43	<0.01	0.20	28.2
QCV1108-00420-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
228	Soil	3.35	4.94	<0.05	0.14	0.02	0.05	14.1	42.2	0.67	376	0.35	0.01	0.17	29.2
228 Dup		3.37	4.93	<0.05	0.14	0.02	0.05	13.7	43.6	0.67	380	0.36	0.01	0.16	29.7
QCV1108-00420-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
101	Soil	3.45	4.78	<0.05	0.07	0.01	0.02	19.0	54.6	0.73	501	0.46	<0.01	0.06	33.0
101 Dup		3.42	5.07	0.05	0.07	0.01	0.02	22.2	55.7	0.74	498	0.39	<0.01	0.07	32.8
QCV1108-00420-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
119	Soil	4.20	6.80	0.05	0.12	0.02	0.02	16.1	70.8	1.02	690	0.35	<0.01	0.10	45.4
119 Dup		4.24	6.64	<0.05	0.11	0.02	0.02	16.9	70.1	1.04	698	0.34	<0.01	0.09	46.5
QCV1108-00420-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
14	Soil	2.94	4.34	<0.05	0.10	0.02	0.05	20.7	38.9	0.60	393	0.31	<0.01	0.12	31.0
14 Dup		2.98	4.20	<0.05	0.10	0.02	0.05	20.8	38.3	0.61	406	0.32	0.01	0.12	31.7
QCV1108-00420-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
32	Soil	4.19	6.36	<0.05	0.15	0.02	0.02	13.2	71.1	0.96	857	0.48	<0.01	0.09	48.1
32 Dup		4.13	6.18	<0.05	0.16	0.02	0.02	12.2	70.0	0.96	856	0.45	<0.01	0.08	47.2
QCV1108-00420-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
570	Soil	3.65	4.50	<0.05	0.13	0.02	0.02	15.6	50.2	0.68	457	0.37	<0.01	<0.05	36.3
570 Dup		3.66	4.56	<0.05	0.13	0.02	0.02	16.0	49.2	0.69	462	0.40	<0.01	<0.05	36.0
QCV1108-00420-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
588	Soil	3.22	4.47	<0.05	0.08	0.02	0.02	6.4	45.7	0.62	739	0.72	<0.01	0.10	29.9
588 Dup		3.26	4.48	<0.05	0.08	0.02	0.02	6.3	45.8	0.62	750	0.73	<0.01	0.10	29.9
QCV1108-00420-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
512	Soil	3.43	4.83	<0.05	0.11	0.01	0.01	5.9	57.1	0.76	886	0.49	<0.01	<0.05	48.7
512 Dup		3.45	4.84	<0.05	0.11	0.01	0.01	6.0	57.6	0.76	894	0.50	<0.01	<0.05	49.0
QCV1108-00420-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00420-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
595	Soil	3.29	4.65	<0.05	0.07	0.02	0.02	6.8	52.0	0.68	485	0.35	<0.01	0.05	32.1
595 Dup		3.29	4.72	<0.05	0.08	0.02	0.02	7.1	52.3	0.68	480	0.36	<0.01	0.05	31.4
QCV1108-00420-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
192	Soil	782	41.9	3.7	<0.01	0.04	1.85	2.5	1.2	0.3	60.0	0.01	0.09	8.3	<0.005
192 Dup		786	40.5	3.7	<0.01	0.04	1.76	2.4	1.3	0.2	59.3	<0.01	0.05	8.7	<0.005
QCV1108-00420-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
210	Soil	613	23.7	3.6	<0.01	0.06	0.52	2.1	1.0	<0.2	58.0	<0.01	0.03	9.1	<0.005
210 Dup		609	23.4	3.7	<0.01	0.06	0.53	2.1	0.7	<0.2	58.7	<0.01	0.03	9.5	<0.005
QCV1108-00420-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
228	Soil	731	28.2	4.1	<0.01	0.07	0.58	2.1	1.3	<0.2	46.4	<0.01	0.04	10.1	<0.005
228 Dup		739	28.6	4.1	<0.01	0.08	0.60	2.1	1.4	<0.2	48.2	<0.01	0.04	10.6	<0.005
QCV1108-00420-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
101	Soil	512	21.5	1.7	<0.01	0.03	0.46	1.6	0.3	<0.2	24.1	<0.01	0.02	11.1	<0.005
101 Dup		503	21.0	1.7	<0.01	0.03	0.44	1.6	0.4	<0.2	22.8	<0.01	0.04	11.2	<0.005
QCV1108-00420-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.5				1.49		12.9	15.9					
119	Soil	525	23.7	2.0	<0.01	0.02	0.42	2.2	0.5	<0.2	20.2	<0.01	0.07	8.2	<0.005
119 Dup		525	22.7	1.9	<0.01	0.02	0.41	2.1	0.3	<0.2	20.5	<0.01	0.07	8.1	<0.005
QCV1108-00420-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.9				1.56		13.3	16.9					
14	Soil	631	32.4	4.2	<0.01	0.05	0.51	1.7	0.9	<0.2	34.3	<0.01	0.02	11.5	<0.005
14 Dup		624	31.9	4.1	<0.01	0.05	0.53	1.8	0.7	<0.2	35.1	<0.01	0.02	11.3	<0.005
QCV1108-00420-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			33.6				1.52		13.4	17.3					
32	Soil	532	31.7	2.0	<0.01	0.02	0.69	2.2	0.3	<0.2	13.4	<0.01	0.12	6.8	<0.005
32 Dup		529	30.3	1.9	<0.01	0.02	0.66	2.1	<0.2	<0.2	13.2	<0.01	0.08	6.6	<0.005
QCV1108-00420-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
570	Soil	581	31.3	1.6	<0.01	0.04	0.75	1.9	0.4	<0.2	28.2	<0.01	0.03	15.7	<0.005
570 Dup		580	32.8	1.7	<0.01	0.04	0.75	1.9	0.5	<0.2	29.1	<0.01	0.04	14.6	<0.005
QCV1108-00420-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.8				1.63		13.9	16.9					

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
588	Soil	708	45.3	2.3	<0.01	0.03	1.03	1.4	0.7	<0.2	47.6	<0.01	0.07	7.5	<0.005
588 Dup		693	44.8	2.3	<0.01	0.03	1.03	1.5	0.7	<0.2	47.8	<0.01	0.07	7.6	<0.005
QCV1108-00420-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
512	Soil	464	28.4	1.2	<0.01	0.01	0.57	1.5	<0.2	<0.2	25.9	<0.01	0.03	9.6	<0.005
512 Dup		457	29.7	1.2	<0.01	0.01	0.57	1.5	<0.2	<0.2	25.6	<0.01	0.03	9.6	<0.005
QCV1108-00420-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.3				1.53		13.2	16.6					
QCV1108-00420-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
595	Soil	564	26.9	1.6	<0.01	0.04	0.90	1.8	0.4	<0.2	28.1	<0.01	0.02	8.4	<0.005
595 Dup		554	27.1	1.5	<0.01	0.04	0.88	1.8	0.4	<0.2	27.6	<0.01	0.02	8.5	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.3				1.59		13.1	16.3					
QCV1108-00420-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
192	Soil	0.05	3.29	15	0.13	7.92	98	1.7
192 Dup		0.05	3.50	14	0.09	7.56	97	1.6
QCV1108-00420-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5054	
210	Soil	<0.05	3.16	15	0.11	6.08	80	3.1
210 Dup		<0.05	3.38	14	0.09	5.82	80	3.1
QCV1108-00420-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5151	
228	Soil	<0.05	6.31	14	0.06	7.52	98	4.2
228 Dup		<0.05	6.88	13	0.06	8.06	97	4.2
QCV1108-00420-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4837	
101	Soil	<0.05	1.67	14	<0.05	4.37	93	2.6
101 Dup		<0.05	1.63	15	<0.05	4.48	93	2.8
QCV1108-00420-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							168	
119	Soil	<0.05	2.02	19	<0.05	3.96	114	4.1
119 Dup		<0.05	1.97	19	<0.05	3.85	116	3.9
QCV1108-00420-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
14	Soil	<0.05	2.95	13	<0.05	8.52	81	3.2
14 Dup		<0.05	2.94	13	<0.05	8.47	82	3.1
QCV1108-00420-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	
32	Soil	<0.05	2.10	18	<0.05	4.19	118	4.9
32 Dup		<0.05	1.99	18	<0.05	4.06	116	4.8
QCV1108-00420-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4978	
570	Soil	<0.05	2.97	14	<0.05	6.89	85	6.3
570 Dup		<0.05	2.96	13	0.05	7.11	84	6.2
QCV1108-00420-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	

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11-360-05630-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
588	Soil	<0.05	9.63	14	0.06	5.21	86	2.0
588 Dup		<0.05	9.70	14	0.06	5.23	88	2.1
QCV1108-00420-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4817	
512	Soil	<0.05	1.43	14	<0.05	6.17	159	4.3
512 Dup		<0.05	1.48	14	<0.05	6.25	160	4.3
QCV1108-00420-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	
QCV1108-00420-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
595	Soil	<0.05	2.70	14	<0.05	5.68	88	2.1
595 Dup		<0.05	2.76	14	<0.05	5.60	86	2.1
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							181	
QCV1108-00420-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5085	

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Inspectorate Exploration & Mining Services Ltd.
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Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
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Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Silt 1**
Description: **3 ACE**

Date Received: 08/03/2011
Date Completed: 08/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	150	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
71	Soil	<0.005	0.30	1.80	9.7	51	0.87	0.47	0.47	0.12	50.64	21.0	20	1.92	49.4
72	Soil	0.008	0.16	1.63	14.6	49	0.70	0.44	0.65	0.09	43.25	13.0	20	2.04	35.5
73	Soil	<0.005	0.18	1.65	11.7	45	0.70	0.43	0.55	0.12	46.24	20.7	20	1.47	45.7
74	Soil	0.007	0.17	1.68	7.9	36	0.72	0.40	0.62	0.08	44.62	18.5	20	0.92	43.1
75	Soil	0.033	0.17	0.35	2.3	24	0.18	0.07	3.29	0.32	4.45	3.4	7	0.29	25.7
76	Soil	0.014	0.17	1.68	10.4	36	0.56	0.48	0.73	0.09	49.54	16.0	22	1.45	46.3
77	Soil	0.010	0.17	1.59	7.1	30	0.56	0.37	0.51	0.09	39.41	13.4	20	0.97	45.2
78	Soil	0.017	0.13	1.46	6.1	38	0.43	0.37	0.84	0.16	27.34	12.1	20	0.44	30.9
79	Soil	0.012	0.14	1.47	10.9	31	0.54	0.38	0.47	0.07	37.43	17.4	18	0.94	45.5
80	Soil	0.011	0.15	1.50	6.2	29	0.49	0.37	0.49	0.09	42.25	14.2	19	0.75	43.6
81	Soil	0.012	0.11	1.53	7.3	30	0.52	0.34	0.61	0.10	39.05	14.0	19	0.84	35.1
82	Soil	0.007	0.09	0.91	6.4	19	0.23	0.20	2.05	0.11	15.35	7.9	17	0.53	33.6
83	Soil	0.008	0.65	1.57	9.5	37	0.49	0.35	0.50	0.08	51.71	13.7	21	0.69	32.7
84	Soil	0.010	0.12	1.56	9.1	37	0.49	0.35	0.46	0.08	49.70	12.9	21	0.66	31.6
251	Soil	0.021	0.15	1.89	39.6	28	0.40	0.39	0.60	0.12	30.38	15.6	25	0.87	40.9
252	Soil	0.037	0.16	1.83	43.4	31	0.44	0.38	0.60	0.13	29.10	15.3	25	0.88	41.4
253	Soil	0.024	0.14	1.71	34.9	27	0.46	0.34	0.58	0.11	23.48	13.8	22	0.81	35.5
254	Soil	0.011	0.17	1.78	40.1	32	0.41	0.34	0.63	0.12	30.73	13.8	23	0.94	39.4
255	Soil	0.041	0.13	1.57	36.0	34	0.43	0.29	0.68	0.12	32.80	12.4	22	1.27	33.8
256	Soil	0.026	0.14	1.73	41.0	41	0.49	0.34	0.79	0.17	36.50	13.4	24	1.22	40.2
257	Soil	0.019	0.12	1.52	36.1	31	0.41	0.32	0.51	0.09	42.70	12.9	23	1.02	31.7
258	Soil	0.017	0.07	1.12	25.2	39	0.39	0.28	0.46	0.09	47.34	10.3	16	0.51	19.6
259	Soil	<0.005	0.08	1.21	24.5	50	0.41	0.25	0.62	0.08	37.10	10.0	15	0.51	20.8
260	Soil	0.095	0.09	1.41	80.8	20	0.37	0.34	0.21	0.09	40.41	14.5	22	0.99	33.0
261	Soil	0.101	0.08	1.43	79.9	23	0.39	0.34	0.29	0.10	31.02	14.8	21	1.05	34.9
262	Soil	0.030	0.10	1.34	68.5	20	0.37	0.31	0.21	0.08	29.92	13.9	22	0.87	28.7
263	Soil	0.064	0.06	1.44	66.9	24	0.38	0.34	0.28	0.09	37.97	14.1	21	0.97	30.1
264	Soil	0.055	0.08	1.46	59.2	31	0.43	0.35	0.72	0.10	40.89	13.6	21	0.95	31.3
265	Soil	0.029	0.08	1.46	54.2	34	0.49	0.34	0.55	0.10	40.68	13.1	20	1.06	31.3
266	Soil	0.014	0.16	1.39	38.1	47	0.43	0.32	0.59	0.13	37.57	11.4	18	0.92	24.9
267	Soil	0.014	0.09	1.32	30.2	43	0.45	0.27	0.59	0.09	35.76	10.3	17	0.83	20.4
268	Soil	0.024	0.09	1.34	33.0	47	0.40	0.30	0.68	0.12	34.22	11.2	18	0.83	22.8
269	Soil	0.014	0.09	1.34	27.0	44	0.40	0.27	0.64	0.09	30.88	10.2	17	0.79	21.5
279	Soil	0.016	0.07	1.68	63.9	17	0.37	0.56	0.60	0.18	16.58	16.3	44	1.09	32.7
280	Soil	0.025	0.34	2.80	156.4	72	3.75	0.50	0.92	6.24	37.47	490.9	26	1.83	231.2
281	Soil	0.007	0.14	1.81	89.4	23	0.86	0.59	0.39	0.96	17.89	66.4	44	1.25	59.2
282	Soil	0.017	0.15	2.20	52.1	42	1.32	0.48	0.49	1.04	27.51	59.9	20	0.90	46.4
283	Soil	0.010	0.14	1.72	51.3	35	0.83	0.51	0.40	0.50	27.56	35.2	21	0.82	43.4
284	Soil	0.036	0.12	1.49	37.2	24	0.63	0.44	0.30	0.36	28.36	23.6	21	0.53	36.0
285	Soil	0.012	0.11	1.57	40.5	30	0.72	0.51	0.36	0.45	27.42	28.5	21	0.64	36.9

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
286	Soil	0.027	0.12	1.64	38.9	30	0.76	0.49	0.39	0.45	29.35	29.8	22	0.70	36.2
287	Soil	0.013	0.14	1.51	39.3	31	0.60	0.53	0.40	0.23	27.80	20.9	21	0.62	35.6
288	Soil	0.040	0.09	1.53	40.3	13	0.48	0.48	0.09	0.12	24.56	16.8	21	0.59	36.7
289	Soil	0.040	0.12	1.79	35.4	25	0.96	0.46	0.34	0.38	30.02	50.6	19	0.58	61.8
290	Soil	0.010	0.15	2.62	47.9	46	1.44	0.51	0.62	0.87	40.16	102.9	19	0.84	101.6
291	Soil	0.009	0.08	1.73	31.2	27	0.89	0.40	0.35	0.53	34.24	62.8	20	0.53	64.8
292	Soil	0.013	0.54	2.12	40.8	37	1.10	0.50	0.52	0.56	37.82	89.1	19	0.67	85.7
293	Soil	0.021	0.14	2.13	38.3	36	1.33	0.44	0.47	0.72	45.08	94.1	20	0.57	92.7
294	Soil	0.020	0.15	2.37	43.1	47	1.38	0.49	0.63	0.83	46.57	92.1	21	0.74	96.3
295	Soil	0.011	0.12	2.00	38.7	35	1.11	0.52	0.46	0.61	41.00	77.6	21	0.61	74.6
296	Soil	0.010	0.08	2.12	34.2	33	1.08	0.44	0.42	0.63	46.26	89.0	20	0.54	86.1
297	Soil	0.010	0.30	2.16	37.0	42	1.17	0.54	0.62	0.70	38.25	90.6	19	0.70	86.5
298	Soil	0.011	0.14	2.32	38.6	38	1.31	0.48	0.51	0.74	43.41	89.6	20	0.65	94.4
39	Soil	0.011	0.21	1.28	25.8	47	1.20	0.46	0.34	0.11	26.07	36.6	18	0.96	50.8
40	Soil	0.009	0.15	0.94	27.2	46	0.90	0.48	0.56	0.09	34.02	22.0	12	1.00	39.3
41	Soil	<0.005	0.08	0.98	15.6	36	0.83	0.44	0.82	0.07	40.73	20.1	15	0.90	34.0
42	Soil	<0.005	0.10	1.05	17.5	35	0.80	0.44	0.86	0.07	40.03	21.0	15	0.88	36.5
43	Soil	<0.005	0.10	1.09	16.2	35	0.88	0.48	0.92	0.07	37.63	20.7	16	0.92	37.1
44	Soil	0.014	0.10	1.33	22.8	43	0.46	0.42	5.24	0.11	27.27	13.9	23	0.65	33.9
45	Soil	0.006	0.10	1.12	18.2	31	0.42	0.36	2.50	0.07	20.20	13.4	16	0.60	28.1
46	Soil	0.006	0.09	1.11	18.1	33	0.42	0.34	1.84	0.07	17.52	12.5	16	0.43	26.3
47	Soil	0.010	0.11	1.32	19.2	44	0.48	0.38	1.32	0.09	20.10	13.4	19	0.50	31.2
48	Soil	<0.005	0.10	1.19	9.3	29	0.68	0.46	0.63	0.07	23.01	17.1	19	0.69	34.8
49	Soil	0.013	0.28	1.13	19.8	35	0.62	0.40	0.66	0.18	26.24	16.6	11	0.70	40.4
50	Soil	0.009	0.20	1.22	20.1	41	0.63	0.39	0.56	0.16	30.13	15.2	13	0.53	35.3
51	Soil	<0.005	0.17	1.54	40.8	42	0.57	0.42	0.69	0.22	25.71	14.6	19	0.49	36.5
52	Soil	0.018	0.18	1.54	64.5	24	0.56	0.45	0.73	0.11	29.15	16.8	20	0.51	38.5
53	Soil	<0.005	0.12	1.60	47.1	17	0.42	0.42	0.62	0.10	23.96	17.1	24	0.79	38.8
54	Soil	0.007	0.19	1.33	43.8	11	0.33	0.35	0.47	0.07	11.05	13.0	19	0.37	25.8
55	Soil	0.018	0.11	1.39	38.5	13	0.36	0.34	0.43	0.07	11.88	12.9	19	0.44	28.2
56	Soil	0.012	0.12	1.71	37.3	22	0.45	0.48	0.50	0.13	11.13	16.3	24	0.55	45.9
57	Soil	0.007	0.11	1.51	35.8	17	0.37	0.38	0.41	0.07	12.38	14.5	22	0.47	34.1
58	Soil	0.015	0.14	1.68	42.0	22	0.40	0.42	0.53	0.10	13.45	15.1	24	0.56	40.6
59	Soil	0.020	0.09	1.60	33.1	18	0.40	0.35	0.40	0.10	13.79	14.2	22	0.50	31.8
530	Soil	0.006	0.08	1.55	75.3	25	0.34	0.37	0.24	0.12	19.35	14.5	24	0.99	30.7
531	Soil	<0.005	0.07	1.42	27.2	25	0.33	0.30	0.32	0.07	14.23	11.4	21	0.38	22.8
532	Soil	0.009	0.07	1.42	27.7	24	0.28	0.28	0.32	0.09	12.31	11.5	20	0.36	22.9
533	Soil	0.010	0.08	1.46	48.1	21	0.37	0.39	0.34	0.09	10.13	14.7	23	0.98	34.0
534	Soil	0.039	0.07	1.35	30.1	22	0.32	0.32	0.29	0.09	10.18	12.2	20	0.48	23.8
535	Soil	0.009	0.07	1.32	35.1	22	0.33	0.33	0.28	0.09	10.90	12.6	20	0.52	25.3

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
536	Soil	0.009	0.42	1.35	33.7	22	0.32	0.30	0.29	0.09	11.58	12.0	20	0.45	24.8
537	Soil	0.028	0.11	1.37	34.3	22	0.30	0.30	0.30	0.07	12.17	12.3	21	0.47	24.9
538	Soil	0.009	0.09	1.41	39.8	22	0.36	0.33	0.28	0.07	13.68	13.0	22	0.54	26.9
539	Soil	0.028	0.07	1.38	33.4	22	0.34	0.29	0.36	0.09	13.44	11.9	20	0.41	24.1
540	Soil	0.038	0.07	1.30	38.6	13	0.30	0.30	0.18	0.06	17.22	12.7	21	0.40	25.6
541	Soil	0.009	0.11	1.25	33.5	20	0.31	0.32	0.28	0.07	10.59	12.4	20	0.45	27.3
542	Soil	0.009	0.08	1.20	39.1	23	0.36	0.33	0.40	0.11	9.75	12.9	18	0.40	26.5
543	Soil	0.017	0.07	1.27	36.3	22	0.30	0.32	0.34	0.08	10.43	12.4	19	0.44	26.1
544	Soil	0.013	0.05	1.22	30.6	18	0.26	0.28	0.25	0.06	11.28	11.0	18	0.42	21.9
545	Soil	0.018	0.07	1.29	28.8	20	0.27	0.29	0.31	0.07	12.22	11.5	20	0.45	22.3
546	Soil	0.036	0.07	1.26	36.4	22	0.31	0.31	0.75	0.09	11.83	13.0	20	0.42	27.0
547	Soil	0.018	0.06	1.32	33.1	22	0.30	0.30	0.32	0.06	11.85	12.0	20	0.46	24.0
611	Soil	0.013	0.11	1.20	63.1	31	0.58	0.48	0.27	0.35	12.83	30.4	20	0.65	45.9
612	Soil	0.009	0.14	1.26	72.0	33	0.67	0.51	0.32	0.40	15.83	29.3	21	0.69	49.1
613	Soil	0.015	0.14	1.16	78.2	38	0.70	0.49	0.40	0.48	12.48	31.3	18	0.67	47.0
614	Soil	0.017	0.13	1.18	43.9	33	0.59	0.49	0.39	0.39	13.78	24.4	20	0.64	46.3
615	Soil	0.012	0.28	1.51	16.9	47	1.14	0.44	0.67	0.09	22.06	19.2	19	1.30	42.9
616	Soil	0.023	0.38	1.60	56.3	44	0.90	0.52	0.45	0.27	17.90	28.4	25	1.39	56.6
617	Soil	0.016	0.27	1.56	28.3	40	0.73	0.53	0.60	0.21	14.94	25.1	26	1.43	65.4
618	Soil	0.016	0.19	1.47	15.1	26	0.66	0.43	0.69	0.09	16.44	18.5	23	0.85	42.0
619	Soil	0.019	0.22	1.44	16.1	29	0.61	0.42	0.83	0.16	13.48	15.8	22	1.39	46.8
620	Soil	0.018	0.20	1.40	15.1	30	0.58	0.38	0.89	0.16	14.50	15.3	22	1.02	44.7
621	Soil	0.011	0.21	1.61	10.3	27	0.64	0.41	0.55	0.04	21.86	11.2	20	0.52	27.6
622	Soil	0.019	0.15	1.47	9.0	30	0.55	0.41	0.61	0.11	21.94	14.3	21	0.59	33.8
623	Soil	0.014	0.14	1.63	7.8	27	0.52	0.45	0.69	0.08	19.54	14.9	23	0.52	33.0
624	Soil	0.016	0.13	1.66	7.9	29	0.54	0.43	0.68	0.07	22.26	12.8	24	0.49	30.6
625	Soil	0.008	0.19	1.57	10.7	33	0.58	0.41	1.00	0.10	21.39	13.1	23	0.51	31.0
626	Soil	0.007	0.16	1.47	7.4	32	0.50	0.37	1.06	0.11	22.32	11.1	23	0.46	27.0
627	Soil	<0.005	0.07	1.38	6.0	25	0.44	0.33	0.72	0.05	27.70	9.7	18	0.32	21.9
628	Soil	<0.005	0.08	1.45	7.7	33	0.50	0.34	1.11	0.07	22.80	9.6	19	0.36	24.3
629	Soil	0.006	0.05	1.40	8.2	27	0.39	0.32	0.66	0.06	31.16	10.8	20	0.43	20.6
630	Soil	<0.005	0.13	1.58	10.0	20	0.49	0.59	1.81	0.06	14.34	21.1	23	0.34	46.8
631	Soil	<0.005	0.11	1.47	8.6	21	0.46	0.43	0.66	0.11	19.57	14.4	22	0.26	33.7
632	Soil	<0.005	0.11	1.44	6.4	22	0.45	0.39	0.55	0.16	19.80	10.1	21	0.33	20.8
633	Soil	<0.005	0.43	1.44	5.5	17	0.39	0.35	0.51	0.10	26.21	11.4	21	0.26	24.9
634	Soil	0.007	0.19	1.46	5.4	19	0.39	0.34	0.70	0.13	23.92	12.3	22	0.30	24.5
635	Soil	<0.005	0.12	1.42	6.4	30	0.38	0.39	1.14	0.16	25.02	12.8	21	0.50	26.8
636	Soil	<0.005	0.10	1.46	6.7	27	0.46	0.36	0.79	0.09	29.50	12.0	22	0.41	25.4
637	Soil	<0.005	0.07	1.38	4.7	23	0.40	0.32	0.63	0.07	38.21	10.8	19	0.36	18.9
638	Soil	<0.005	0.27	1.35	5.6	22	0.33	0.35	0.67	0.08	21.51	10.8	19	0.32	21.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
639	Soil	0.008	0.39	1.42	66.3	30	0.40	0.33	0.35	0.18	13.67	13.9	19	0.61	25.9
640	Soil	0.016	0.30	1.53	50.2	47	0.54	0.46	0.63	0.19	23.67	13.4	22	0.87	29.9
641	Soil	0.036	0.28	1.56	51.7	42	0.62	1.58	0.50	0.21	26.22	13.3	23	0.90	28.3
642	Soil	0.020	0.29	1.62	49.0	57	0.59	0.49	0.69	0.31	23.31	11.6	22	1.01	32.6
643	Soil	0.014	0.19	1.66	40.1	69	0.61	0.45	0.76	0.26	28.59	12.0	22	0.86	29.3
644	Soil	0.011	0.21	1.64	38.7	68	0.58	0.50	0.74	0.26	30.86	12.8	23	1.01	29.8
645	Soil	0.009	0.11	1.41	37.1	47	0.41	0.44	0.49	0.17	32.74	12.1	22	0.91	21.1
646	Soil	<0.005	0.08	1.20	54.4	34	0.34	0.34	0.71	0.25	31.71	13.9	21	0.60	20.6
647	Soil	<0.005	0.08	1.14	53.5	39	0.42	0.37	0.57	0.24	23.76	13.6	20	0.60	21.5
180	Soil	<0.005	0.18	1.41	12.1	51	0.90	0.38	0.65	0.09	41.07	19.6	19	1.87	32.6
181	Soil	<0.005	0.13	1.30	8.8	41	0.72	0.39	0.49	0.10	38.71	15.4	19	1.26	28.6
182	Soil	0.014	0.16	1.46	8.1	43	0.90	0.44	0.51	0.09	43.97	19.5	20	1.53	35.8
183	Soil	0.006	0.12	1.35	5.6	53	0.81	0.32	0.63	0.10	34.56	15.6	18	1.18	26.1
184	Soil	<0.005	0.15	1.31	8.3	49	0.79	0.38	0.51	0.15	41.37	14.7	19	0.94	28.5
185	Soil	<0.005	0.14	1.28	8.8	43	0.72	0.35	0.39	0.12	44.20	14.2	17	1.00	26.8
186	Soil	<0.005	0.12	1.27	11.8	43	0.64	0.33	0.53	0.16	38.15	14.1	17	0.88	28.5
187	Soil	0.010	0.29	1.20	62.9	30	0.53	0.52	0.29	0.34	12.57	26.2	21	0.65	47.6
188	Soil	0.023	0.20	1.29	15.3	28	0.55	0.35	1.13	0.23	12.26	14.6	19	0.87	46.0
189	Soil	<0.005	0.13	1.39	18.0	28	0.49	0.40	0.59	0.16	16.03	17.4	22	0.57	40.0
190	Soil	<0.005	0.11	1.28	22.5	25	0.45	0.36	0.71	0.11	12.80	11.6	19	0.50	29.0
191	Soil	0.008	0.11	1.37	20.9	29	0.52	0.39	0.65	0.08	15.93	13.4	20	0.43	29.9
270	Soil	0.007	0.18	0.82	45.6	29	0.47	0.48	0.13	0.66	20.51	22.0	14	0.65	28.6
271	Soil	0.015	0.31	1.23	50.1	22	0.88	0.56	0.22	0.63	19.60	27.8	19	0.98	49.3
272	Soil	0.051	0.27	0.96	122.1	21	0.39	1.86	0.20	0.23	13.81	14.3	17	2.81	32.6
273	Soil	0.005	0.21	1.15	51.7	30	0.58	0.56	0.20	0.47	15.31	31.8	20	1.18	57.4
274	Soil	0.013	0.13	1.08	52.5	29	0.50	0.48	0.24	0.42	10.83	37.5	20	0.57	48.9
275	Soil	0.006	0.15	1.25	55.2	18	0.51	0.52	0.19	0.26	9.88	23.4	20	0.84	46.6
276	Soil	0.009	0.12	1.24	59.8	27	0.63	0.45	0.27	0.31	11.61	35.5	20	0.68	47.4
277	Soil	0.012	0.46	1.20	59.6	29	0.67	0.45	0.27	0.39	11.99	36.4	20	0.68	46.2
278	Soil	0.006	0.18	1.28	63.4	19	0.46	0.63	0.75	0.28	10.29	18.4	44	0.29	32.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
71	Soil	3.77	4.92	<0.05	0.13	0.03	0.07	24.4	38.5	0.64	600	0.47	0.01	0.22	44.1
72	Soil	3.15	4.63	<0.05	0.11	0.02	0.07	21.1	37.2	0.54	491	0.62	0.01	0.26	32.7
73	Soil	3.61	4.66	<0.05	0.12	0.03	0.07	22.3	38.4	0.63	792	0.45	0.01	0.18	41.7
74	Soil	3.48	4.88	<0.05	0.13	0.03	0.06	21.9	38.7	0.65	609	0.44	0.01	0.17	36.9
75	Soil	0.53	2.47	<0.05	0.10	<0.01	0.06	5.9	5.0	0.14	481	0.62	0.02	0.11	12.2
76	Soil	3.35	4.92	<0.05	0.10	0.02	0.07	25.1	41.1	0.58	503	0.48	0.01	0.21	35.4
77	Soil	3.09	4.33	<0.05	0.10	0.03	0.06	18.8	38.8	0.65	335	0.34	0.01	0.13	31.7
78	Soil	2.89	3.88	<0.05	0.11	0.02	0.06	13.6	39.0	0.58	506	0.31	0.01	0.13	28.1
79	Soil	3.32	4.34	<0.05	0.11	0.03	0.04	18.0	37.2	0.58	407	0.38	<0.01	0.17	34.4
80	Soil	2.96	4.39	<0.05	0.09	0.02	0.05	20.2	40.0	0.62	299	0.33	0.01	0.12	30.5
81	Soil	3.03	4.38	<0.05	0.10	0.02	0.06	19.4	39.3	0.62	349	0.31	0.01	0.15	30.4
82	Soil	1.83	2.75	<0.05	0.12	<0.01	0.04	7.6	23.6	0.47	253	0.56	0.02	0.07	16.7
83	Soil	3.14	4.68	<0.05	0.08	0.02	0.06	24.9	42.6	0.64	463	0.31	0.01	0.15	30.4
84	Soil	3.17	4.71	<0.05	0.08	0.02	0.05	24.3	43.2	0.64	467	0.30	0.01	0.14	30.8
251	Soil	3.72	5.31	<0.05	0.14	0.02	0.05	15.1	56.1	0.82	507	0.39	0.01	0.14	39.0
252	Soil	3.65	5.37	<0.05	0.14	0.02	0.05	14.6	54.4	0.79	574	0.38	<0.01	0.15	38.1
253	Soil	3.19	4.85	<0.05	0.13	0.02	0.05	11.9	50.5	0.72	424	0.34	0.01	0.18	34.3
254	Soil	3.40	5.02	<0.05	0.12	0.02	0.06	15.3	51.4	0.75	490	0.35	0.01	0.24	35.6
255	Soil	3.01	4.58	<0.05	0.09	0.02	0.07	16.7	45.7	0.67	482	0.33	0.01	0.41	31.8
256	Soil	3.22	4.95	<0.05	0.10	0.02	0.07	18.3	49.4	0.70	411	0.35	0.01	0.46	35.1
257	Soil	3.07	4.50	<0.05	0.07	0.02	0.05	21.4	46.6	0.64	408	0.34	0.01	0.38	31.6
258	Soil	2.94	3.47	<0.05	0.05	0.02	0.04	23.3	38.7	0.42	473	0.26	<0.01	0.17	27.0
259	Soil	3.01	3.62	<0.05	0.07	0.02	0.05	18.1	40.1	0.44	564	0.22	0.01	0.18	26.8
260	Soil	3.72	4.79	<0.05	0.04	0.02	0.02	19.8	47.2	0.61	423	0.39	<0.01	0.11	36.1
261	Soil	3.72	4.60	<0.05	0.06	0.02	0.02	15.3	45.0	0.61	477	0.37	<0.01	0.12	36.3
262	Soil	3.57	4.57	<0.05	0.05	0.02	0.02	15.1	48.2	0.58	400	0.32	<0.01	0.09	34.4
263	Soil	3.69	4.79	<0.05	0.06	0.02	0.02	19.0	47.7	0.61	442	0.38	<0.01	0.12	36.0
264	Soil	3.60	4.70	<0.05	0.05	0.02	0.03	20.0	49.2	0.61	443	0.35	<0.01	0.18	34.8
265	Soil	3.31	4.55	<0.05	0.06	0.02	0.04	20.3	46.6	0.58	426	0.30	<0.01	0.21	32.4
266	Soil	3.07	4.26	0.07	0.06	0.05	0.05	18.5	48.2	0.52	714	0.27	0.01	0.42	28.1
267	Soil	2.81	3.93	<0.05	0.06	0.03	0.05	17.5	43.7	0.49	535	0.20	0.01	0.52	25.3
268	Soil	2.88	4.08	<0.05	0.07	0.02	0.05	17.1	43.5	0.50	568	0.23	0.01	0.53	25.9
269	Soil	2.82	4.00	<0.05	0.08	0.02	0.05	15.2	43.8	0.50	373	0.20	0.01	0.52	25.0
279	Soil	3.48	5.02	<0.05	0.08	0.02	0.04	8.0	57.1	1.02	688	0.55	0.01	0.22	49.6
280	Soil	2.61	3.22	0.05	0.22	0.03	0.09	20.8	55.1	0.72	8574	0.76	0.01	0.13	494.0
281	Soil	3.66	4.76	<0.05	0.10	0.02	0.02	9.1	57.2	0.91	1628	0.61	<0.01	0.16	146.7
282	Soil	4.60	3.73	<0.05	0.11	0.03	0.05	15.0	45.8	0.62	2117	0.46	<0.01	0.08	90.6
283	Soil	4.21	3.86	<0.05	0.09	0.03	0.03	14.3	43.9	0.63	1001	0.41	<0.01	0.09	66.8
284	Soil	3.56	3.74	<0.05	0.10	0.02	0.03	14.1	43.2	0.61	539	0.36	<0.01	0.09	51.0
285	Soil	3.79	3.76	<0.05	0.08	0.02	0.03	14.0	40.8	0.63	920	0.38	<0.01	0.09	58.0

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
286	Soil	3.65	3.94	<0.05	0.09	0.02	0.03	15.2	43.4	0.62	709	0.36	<0.01	0.09	62.9
287	Soil	3.61	3.91	<0.05	0.09	0.03	0.04	14.1	41.6	0.63	526	0.35	<0.01	0.09	49.7
288	Soil	4.49	3.64	<0.05	0.09	0.02	0.02	11.5	37.6	0.57	466	0.37	<0.01	0.07	44.5
289	Soil	3.48	3.37	<0.05	0.09	0.02	0.03	14.7	38.7	0.54	785	0.35	<0.01	0.10	86.2
290	Soil	4.12	3.47	<0.05	0.11	0.03	0.04	19.9	44.7	0.55	1692	0.42	<0.01	0.10	158.6
291	Soil	3.65	3.53	<0.05	0.09	0.02	0.02	17.1	42.8	0.58	1267	0.33	<0.01	0.08	92.9
292	Soil	4.04	3.45	<0.05	0.10	0.03	0.03	18.6	43.5	0.57	1338	0.41	<0.01	0.10	129.9
293	Soil	4.05	3.53	<0.05	0.09	0.02	0.02	22.5	43.7	0.54	1973	0.37	<0.01	0.09	107.9
294	Soil	4.41	3.83	<0.05	0.11	0.02	0.04	22.8	47.9	0.62	2175	0.39	<0.01	0.11	117.4
295	Soil	4.02	3.80	<0.05	0.09	0.02	0.03	20.2	44.6	0.59	1645	0.35	<0.01	0.10	91.2
296	Soil	3.83	3.62	<0.05	0.08	0.02	0.02	22.7	42.6	0.57	1775	0.34	<0.01	0.09	107.9
297	Soil	3.73	3.57	<0.05	0.10	0.02	0.04	18.0	46.1	0.57	1857	0.40	<0.01	0.13	117.7
298	Soil	3.97	3.49	<0.05	0.11	0.02	0.03	21.1	42.9	0.57	1586	0.36	<0.01	0.12	112.9
39	Soil	4.10	3.94	<0.05	0.23	0.03	0.04	11.6	46.1	0.50	803	0.47	<0.01	0.07	48.1
40	Soil	3.80	2.56	<0.05	0.14	0.03	0.03	15.5	26.5	0.36	599	0.37	<0.01	0.08	40.2
41	Soil	3.73	3.05	<0.05	0.19	0.02	0.04	19.3	31.9	0.43	525	0.30	<0.01	<0.05	38.3
42	Soil	3.82	3.30	<0.05	0.14	0.02	0.04	18.6	36.4	0.47	548	0.32	<0.01	0.07	39.4
43	Soil	3.76	3.41	<0.05	0.15	0.03	0.04	18.2	37.4	0.48	534	0.31	<0.01	0.08	39.8
44	Soil	3.19	4.01	<0.05	0.12	0.02	0.07	13.6	37.5	0.62	417	0.42	<0.01	0.52	31.4
45	Soil	2.82	3.32	<0.05	0.12	0.02	0.05	10.0	32.9	0.53	321	0.27	<0.01	0.23	28.1
46	Soil	2.76	3.44	<0.05	0.12	0.02	0.05	8.5	34.5	0.51	303	0.28	<0.01	0.22	27.0
47	Soil	3.04	3.82	<0.05	0.16	0.02	0.07	10.0	37.8	0.59	318	0.30	<0.01	0.25	30.4
48	Soil	3.39	3.64	<0.05	0.18	0.03	0.04	10.8	41.7	0.53	230	0.38	<0.01	0.11	35.2
49	Soil	3.62	2.58	<0.05	0.23	0.05	0.04	12.8	21.9	0.39	293	0.57	0.01	0.18	38.1
50	Soil	3.47	3.09	<0.05	0.22	0.05	0.03	14.9	26.5	0.43	360	0.50	0.01	0.24	34.2
51	Soil	3.59	4.05	<0.05	0.26	0.04	0.04	12.8	40.8	0.63	407	0.43	0.01	0.17	34.2
52	Soil	3.85	4.52	<0.05	0.22	0.04	0.03	14.0	48.1	0.70	369	0.43	<0.01	0.14	36.9
53	Soil	3.85	4.58	<0.05	0.16	0.03	0.03	12.1	49.2	0.74	494	0.41	<0.01	0.08	36.5
54	Soil	3.10	3.58	<0.05	0.30	0.02	0.02	5.3	38.2	0.60	194	0.27	<0.01	0.07	28.1
55	Soil	3.16	3.98	<0.05	0.17	0.02	0.02	5.7	42.3	0.62	280	0.29	<0.01	0.08	30.0
56	Soil	3.58	4.77	<0.05	0.20	0.02	0.03	5.5	54.8	0.79	706	0.39	<0.01	0.09	36.4
57	Soil	3.25	4.56	<0.05	0.17	0.02	0.02	6.1	48.5	0.68	335	0.30	<0.01	0.09	32.0
58	Soil	3.56	5.02	<0.05	0.17	0.02	0.02	6.8	54.6	0.76	549	0.34	<0.01	0.10	35.4
59	Soil	3.35	4.75	<0.05	0.13	0.02	0.02	6.8	53.8	0.73	455	0.30	<0.01	0.09	34.6
530	Soil	3.75	4.97	<0.05	0.09	0.02	0.02	9.6	54.0	0.69	547	0.38	<0.01	0.15	37.1
531	Soil	3.09	4.55	<0.05	0.09	0.02	0.02	7.1	52.1	0.64	431	0.28	<0.01	0.09	30.4
532	Soil	3.09	4.37	<0.05	0.09	0.02	0.02	6.2	49.8	0.64	470	0.27	<0.01	0.08	30.5
533	Soil	3.52	4.73	<0.05	0.08	0.02	0.02	4.9	51.1	0.65	457	0.37	<0.01	0.11	34.8
534	Soil	2.97	4.20	<0.05	0.08	0.02	0.02	5.0	46.7	0.60	358	0.28	<0.01	0.09	29.0
535	Soil	3.19	4.31	<0.05	0.08	0.02	0.01	5.3	48.4	0.60	417	0.29	<0.01	0.08	31.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
536	Soil	3.18	4.36	<0.05	0.09	0.02	0.02	5.7	48.4	0.62	404	0.28	<0.01	0.10	31.2
537	Soil	3.15	4.41	<0.05	0.08	0.02	0.02	6.0	50.3	0.62	427	0.30	<0.01	0.11	31.1
538	Soil	3.40	4.61	<0.05	0.09	0.02	0.02	6.7	51.7	0.64	452	0.31	<0.01	0.10	32.8
539	Soil	3.13	4.33	<0.05	0.08	0.02	0.03	6.6	48.5	0.62	432	0.28	<0.01	0.10	30.6
540	Soil	3.56	4.49	<0.05	0.06	0.02	<0.01	8.5	52.5	0.63	347	0.32	<0.01	<0.05	33.7
541	Soil	3.17	4.17	<0.05	0.07	0.02	0.02	5.2	46.0	0.57	352	0.31	<0.01	0.08	29.8
542	Soil	3.24	3.98	<0.05	0.08	0.02	0.01	4.7	44.0	0.56	605	0.35	<0.01	0.08	30.3
543	Soil	3.13	4.10	<0.05	0.08	0.02	0.02	5.0	45.4	0.58	500	0.29	<0.01	0.10	29.6
544	Soil	3.03	3.93	<0.05	0.07	0.02	0.01	5.6	45.0	0.57	391	0.26	<0.01	0.09	29.4
545	Soil	2.99	4.24	<0.05	0.08	0.02	0.02	5.8	48.9	0.60	380	0.26	<0.01	0.09	30.4
546	Soil	3.20	4.17	<0.05	0.08	0.02	0.02	5.8	48.5	0.59	534	0.30	<0.01	0.14	30.9
547	Soil	3.05	4.35	<0.05	0.08	0.02	0.02	5.8	49.3	0.61	420	0.28	<0.01	0.11	30.3
611	Soil	5.99	3.63	0.07	0.07	0.03	0.01	6.4	36.1	0.59	2080	0.48	<0.01	<0.05	62.3
612	Soil	6.02	3.89	0.06	0.08	0.02	0.02	8.3	37.4	0.61	1831	0.54	<0.01	<0.05	59.7
613	Soil	6.46	3.35	0.07	0.07	0.02	0.02	6.6	30.4	0.53	2077	0.46	<0.01	0.05	58.0
614	Soil	4.25	3.76	0.05	0.09	0.02	0.03	6.7	37.9	0.58	1090	0.45	<0.01	0.06	45.9
615	Soil	3.42	4.47	<0.05	0.21	0.03	0.05	11.4	45.1	0.54	602	0.42	0.01	0.36	31.2
616	Soil	3.86	5.57	<0.05	0.12	0.05	0.03	9.0	67.3	0.69	798	0.77	<0.01	0.25	39.9
617	Soil	3.69	5.08	<0.05	0.14	0.03	0.03	8.3	64.5	0.70	788	0.88	<0.01	0.22	39.4
618	Soil	3.22	4.44	<0.05	0.16	0.03	0.03	8.1	61.7	0.66	253	0.39	<0.01	0.27	32.2
619	Soil	2.98	4.30	<0.05	0.17	0.02	0.04	7.3	54.1	0.61	357	0.45	0.01	0.21	30.5
620	Soil	3.11	4.20	<0.05	0.15	0.02	0.04	8.0	52.0	0.61	346	0.42	0.01	0.24	30.2
621	Soil	3.15	4.95	<0.05	0.30	0.02	0.03	10.6	48.4	0.56	197	0.41	<0.01	0.18	26.0
622	Soil	3.10	4.47	<0.05	0.19	0.02	0.05	10.8	39.0	0.54	468	0.46	0.01	0.14	29.4
623	Soil	3.12	4.77	<0.05	0.17	0.02	0.04	9.7	44.4	0.59	369	0.33	0.01	0.13	27.9
624	Soil	3.19	5.15	<0.05	0.17	0.02	0.04	11.0	46.9	0.59	328	0.34	0.01	0.15	27.9
625	Soil	3.02	4.75	<0.05	0.18	0.02	0.04	10.5	45.9	0.51	352	0.34	0.01	0.22	25.6
626	Soil	2.75	4.24	<0.05	0.16	0.02	0.05	11.1	41.0	0.50	335	0.31	0.01	0.18	24.0
627	Soil	2.71	4.07	<0.05	0.12	0.02	0.04	13.5	37.3	0.52	283	0.24	0.01	0.11	23.1
628	Soil	2.81	4.25	<0.05	0.12	0.02	0.05	11.6	43.3	0.50	379	0.31	0.01	0.19	22.9
629	Soil	2.94	4.47	<0.05	0.08	0.01	0.03	15.1	43.4	0.53	369	0.31	<0.01	0.21	23.6
630	Soil	3.85	5.09	<0.05	0.13	0.03	0.03	6.9	65.9	0.70	601	0.32	<0.01	0.06	39.5
631	Soil	3.60	4.74	<0.05	0.13	0.03	0.03	9.5	59.7	0.61	527	0.36	<0.01	0.09	33.3
632	Soil	3.16	4.65	<0.05	0.07	0.04	0.02	9.6	53.8	0.51	443	0.32	0.01	0.18	25.0
633	Soil	3.20	4.55	<0.05	0.11	0.02	0.02	12.7	60.2	0.60	258	0.30	<0.01	0.10	29.7
634	Soil	3.20	4.51	<0.05	0.11	0.03	0.03	11.7	58.0	0.59	274	0.26	<0.01	0.12	29.0
635	Soil	2.90	4.29	<0.05	0.12	0.02	0.05	12.6	50.2	0.58	453	0.34	0.01	0.27	27.8
636	Soil	3.02	4.55	<0.05	0.10	0.02	0.05	14.7	51.4	0.60	352	0.27	0.01	0.22	28.4
637	Soil	2.81	4.37	<0.05	0.09	0.02	0.04	18.5	49.7	0.57	232	0.24	<0.01	0.22	25.6
638	Soil	2.79	4.23	<0.05	0.10	0.02	0.03	10.5	49.7	0.55	240	0.24	<0.01	0.20	24.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
639	Soil	2.93	4.34	<0.05	0.09	0.03	0.03	7.3	38.0	0.53	392	0.38	0.01	0.22	27.9
640	Soil	3.05	4.84	<0.05	0.11	0.03	0.06	12.7	40.0	0.59	445	0.61	0.01	0.33	29.1
641	Soil	3.10	4.58	<0.05	0.10	0.02	0.06	13.6	45.6	0.65	335	0.35	<0.01	0.28	31.7
642	Soil	2.98	4.48	<0.05	0.11	0.02	0.07	13.3	44.0	0.67	504	0.35	0.01	0.34	29.7
643	Soil	2.93	4.48	<0.05	0.10	0.02	0.09	14.7	40.5	0.83	485	0.38	0.01	0.33	28.8
644	Soil	3.03	4.70	<0.05	0.10	0.03	0.09	15.6	43.6	0.83	450	0.43	0.01	0.44	28.8
645	Soil	2.85	4.56	<0.05	0.08	0.02	0.06	16.1	40.1	0.73	514	0.41	0.01	0.51	27.2
646	Soil	3.24	3.96	<0.05	0.06	0.02	0.02	16.0	37.1	0.69	533	0.35	<0.01	0.14	32.0
647	Soil	3.06	3.66	<0.05	0.08	0.02	0.03	11.9	35.8	0.64	507	0.37	<0.01	0.19	29.5
180	Soil	3.24	4.37	<0.05	0.14	0.04	0.05	19.2	40.1	0.49	383	0.30	0.01	0.20	29.1
181	Soil	3.07	3.93	<0.05	0.11	0.02	0.05	18.2	38.6	0.52	453	0.26	<0.01	0.15	29.9
182	Soil	3.30	4.31	<0.05	0.11	0.04	0.05	21.1	44.0	0.57	474	0.28	0.01	0.15	32.5
183	Soil	2.76	4.07	<0.05	0.14	0.02	0.06	16.7	37.2	0.49	452	0.32	0.01	0.20	25.0
184	Soil	3.05	3.99	<0.05	0.13	0.03	0.06	20.1	40.4	0.51	354	0.27	<0.01	0.15	29.1
185	Soil	2.96	4.00	<0.05	0.11	0.02	0.06	21.4	38.2	0.51	273	0.25	<0.01	0.15	27.6
186	Soil	2.85	3.78	<0.05	0.11	0.02	0.06	18.7	37.0	0.52	271	0.25	<0.01	0.13	27.0
187	Soil	5.16	3.72	0.06	0.26	0.02	0.02	6.2	39.0	0.61	1436	0.49	<0.01	<0.05	54.5
188	Soil	2.81	3.72	<0.05	0.24	0.02	0.05	6.6	47.4	0.57	488	0.44	0.01	0.20	28.9
189	Soil	3.16	4.25	<0.05	0.15	0.02	0.03	7.8	54.9	0.63	627	0.47	<0.01	0.19	31.7
190	Soil	2.59	3.75	<0.05	0.12	0.02	0.03	6.4	40.9	0.56	305	0.30	<0.01	0.26	25.8
191	Soil	2.97	4.29	<0.05	0.14	0.02	0.03	8.0	46.8	0.59	314	0.30	<0.01	0.32	27.8
270	Soil	3.02	2.52	<0.05	0.06	0.03	0.02	9.2	22.7	0.35	772	0.34	<0.01	0.07	43.3
271	Soil	3.98	3.59	<0.05	0.10	0.03	0.02	10.0	38.9	0.53	1559	0.58	<0.01	0.05	56.6
272	Soil	2.87	3.10	<0.05	0.10	0.03	0.03	7.4	25.7	0.42	543	0.47	<0.01	0.09	29.6
273	Soil	4.64	3.76	<0.05	0.08	0.03	0.02	7.2	41.9	0.59	2416	0.56	<0.01	<0.05	61.7
274	Soil	5.31	3.71	0.06	0.06	0.02	0.01	5.1	37.7	0.57	3775	0.51	<0.01	<0.05	68.9
275	Soil	7.13	3.74	0.09	0.10	0.03	0.02	4.6	39.8	0.59	1327	0.48	<0.01	<0.05	46.4
276	Soil	7.10	3.72	0.08	0.09	0.02	0.01	5.4	37.2	0.56	2474	0.51	<0.01	<0.05	61.5
277	Soil	6.58	3.73	0.06	0.08	0.03	0.01	5.7	38.5	0.56	2328	0.52	<0.01	<0.05	61.5
278	Soil	2.96	4.15	0.06	0.08	0.03	0.03	4.7	49.6	0.93	618	0.67	<0.01	0.19	48.3

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
71	Soil	660	54.2	7.2	<0.01	0.04	0.65	2.3	0.7	<0.2	39.5	<0.01	0.01	11.5	<0.005
72	Soil	725	33.6	7.4	<0.01	0.06	0.67	1.8	1.1	<0.2	66.9	<0.01	0.02	7.3	<0.005
73	Soil	747	47.4	6.2	<0.01	0.06	0.71	2.3	1.3	<0.2	45.2	<0.01	<0.01	10.6	<0.005
74	Soil	724	41.2	5.2	<0.01	0.05	0.59	2.0	1.0	<0.2	41.3	<0.01	<0.01	10.0	<0.005
75	Soil	1213	7.1	1.4	<0.01	0.28	0.70	0.3	4.2	<0.2	177.9	0.02	<0.01	0.9	<0.005
76	Soil	804	27.2	5.8	<0.01	0.06	0.47	1.8	1.1	<0.2	51.3	<0.01	<0.01	10.5	<0.005
77	Soil	744	30.5	4.7	<0.01	0.07	0.54	1.9	1.1	<0.2	43.2	<0.01	<0.01	9.8	<0.005
78	Soil	847	24.6	4.6	<0.01	0.08	0.36	1.7	1.5	<0.2	50.1	<0.01	<0.01	7.1	<0.005
79	Soil	649	36.5	4.2	<0.01	0.04	0.65	1.9	1.1	<0.2	36.2	<0.01	<0.01	10.1	<0.005
80	Soil	659	28.6	4.1	<0.01	0.06	0.48	1.7	1.0	<0.2	40.1	<0.01	<0.01	10.7	<0.005
81	Soil	698	26.9	4.6	<0.01	0.06	0.52	1.7	1.7	<0.2	49.2	<0.01	<0.01	9.0	<0.005
82	Soil	673	12.9	3.5	<0.01	0.15	0.58	0.8	2.7	<0.2	149.2	<0.01	<0.01	4.1	<0.005
83	Soil	594	28.2	5.0	<0.01	0.04	0.49	1.7	0.9	<0.2	42.7	<0.01	<0.01	10.1	<0.005
84	Soil	580	27.3	4.8	<0.01	0.03	0.41	1.7	0.6	<0.2	39.7	<0.01	<0.01	10.7	<0.005
251	Soil	677	25.7	3.6	<0.01	0.05	0.57	2.2	1.5	<0.2	36.1	<0.01	0.03	6.6	<0.005
252	Soil	637	26.7	3.6	<0.01	0.04	0.64	2.0	1.0	<0.2	35.4	<0.01	0.01	6.0	<0.005
253	Soil	589	22.7	3.7	<0.01	0.04	0.49	1.8	1.2	<0.2	33.8	<0.01	0.03	5.6	<0.005
254	Soil	633	23.3	4.5	<0.01	0.04	0.52	2.0	1.4	<0.2	35.8	<0.01	0.04	6.3	<0.005
255	Soil	612	20.9	5.5	<0.01	0.05	0.53	1.8	1.4	<0.2	39.3	<0.01	<0.01	5.9	<0.005
256	Soil	578	21.8	6.3	<0.01	0.04	0.48	2.0	1.1	<0.2	44.9	<0.01	0.03	6.6	<0.005
257	Soil	532	21.6	4.8	<0.01	0.03	0.73	1.9	0.8	<0.2	31.8	<0.01	<0.01	7.4	<0.005
258	Soil	505	21.6	3.4	<0.01	0.02	0.47	1.8	0.5	<0.2	42.3	<0.01	0.02	7.2	<0.005
259	Soil	545	19.3	3.8	<0.01	0.03	0.43	1.9	0.5	<0.2	52.8	<0.01	<0.01	6.3	<0.005
260	Soil	398	27.1	2.3	<0.01	0.01	1.07	1.9	<0.2	<0.2	18.2	<0.01	0.03	8.6	<0.005
261	Soil	402	27.9	2.3	<0.01	0.01	1.06	1.9	0.4	<0.2	23.1	<0.01	0.04	7.4	<0.005
262	Soil	357	25.1	2.0	<0.01	<0.01	0.93	1.8	0.5	<0.2	18.8	<0.01	0.03	7.5	<0.005
263	Soil	397	25.4	2.3	<0.01	0.01	0.80	1.9	0.2	<0.2	23.5	<0.01	0.02	8.4	<0.005
264	Soil	465	26.5	3.0	<0.01	0.01	0.78	2.1	0.5	<0.2	50.0	<0.01	0.05	8.1	<0.005
265	Soil	490	25.8	3.6	<0.01	0.02	0.75	2.2	0.5	<0.2	42.9	<0.01	0.01	7.5	<0.005
266	Soil	499	22.9	4.8	0.03	0.03	0.43	2.1	0.7	0.2	48.7	0.03	0.04	7.2	<0.005
267	Soil	455	20.2	4.9	<0.01	0.04	0.34	2.0	0.6	<0.2	49.1	0.01	<0.01	7.5	0.005
268	Soil	489	23.0	5.1	<0.01	0.04	0.35	2.1	0.7	0.2	57.1	<0.01	<0.01	6.9	<0.005
269	Soil	483	21.1	4.8	<0.01	0.04	0.29	2.1	0.8	<0.2	51.1	<0.01	<0.01	6.8	<0.005
279	Soil	952	16.5	3.3	<0.01	0.06	0.75	2.9	0.4	<0.2	21.3	<0.01	<0.01	4.0	0.006
280	Soil	1168	49.2	2.9	<0.01	0.13	0.87	5.2	2.9	<0.2	36.6	0.01	0.02	4.8	<0.005
281	Soil	950	19.4	2.0	<0.01	0.03	0.87	3.3	0.8	<0.2	16.1	<0.01	0.02	4.8	<0.005
282	Soil	730	43.4	2.8	<0.01	0.06	1.62	2.9	0.8	<0.2	75.5	<0.01	<0.01	7.0	<0.005
283	Soil	668	41.8	3.1	<0.01	0.05	1.54	2.5	0.8	<0.2	50.5	<0.01	0.03	7.7	<0.005
284	Soil	603	34.3	2.6	<0.01	0.05	1.10	2.2	0.7	<0.2	35.4	<0.01	<0.01	7.7	<0.005
285	Soil	640	35.2	2.7	<0.01	0.04	1.25	2.1	0.7	<0.2	41.7	<0.01	0.02	7.5	<0.005

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
286	Soil	615	35.8	2.8	<0.01	0.04	1.19	2.4	0.6	<0.2	47.7	<0.01	0.04	7.9	<0.005
287	Soil	637	36.8	3.9	<0.01	0.05	1.23	2.1	0.5	<0.2	42.1	<0.01	0.02	7.2	<0.005
288	Soil	515	29.1	2.2	<0.01	0.18	1.05	2.3	0.5	<0.2	10.7	<0.01	<0.01	7.3	<0.005
289	Soil	564	29.7	2.5	<0.01	0.05	1.01	2.5	0.6	<0.2	38.3	<0.01	<0.01	7.0	<0.005
290	Soil	617	36.4	3.2	<0.01	0.07	1.28	3.7	0.9	<0.2	77.4	<0.01	<0.01	7.1	<0.005
291	Soil	558	27.2	2.2	<0.01	0.04	0.92	3.0	0.5	<0.2	44.2	<0.01	0.01	7.5	<0.005
292	Soil	579	32.8	3.0	<0.01	0.04	1.05	3.3	0.7	<0.2	61.4	<0.01	0.02	7.5	<0.005
293	Soil	504	29.3	2.3	<0.01	0.03	1.02	3.1	0.7	<0.2	65.3	<0.01	<0.01	7.3	<0.005
294	Soil	613	38.8	3.1	<0.01	0.05	1.17	3.4	0.8	<0.2	83.4	<0.01	<0.01	7.7	<0.005
295	Soil	636	33.7	2.6	<0.01	0.04	1.08	3.2	0.6	<0.2	56.1	<0.01	0.03	7.8	<0.005
296	Soil	521	26.4	2.3	<0.01	0.03	0.88	3.0	0.5	<0.2	61.7	<0.01	0.03	7.9	<0.005
297	Soil	604	36.8	3.4	<0.01	0.05	1.18	3.4	0.9	<0.2	72.1	<0.01	<0.01	6.9	<0.005
298	Soil	585	33.4	2.9	<0.01	0.05	1.05	3.7	0.6	<0.2	67.5	<0.01	0.01	7.2	<0.005
39	Soil	648	54.3	2.0	<0.01	0.03	1.70	2.8	0.5	<0.2	49.1	<0.01	<0.01	12.1	<0.005
40	Soil	787	45.8	2.6	<0.01	0.02	2.27	3.3	0.3	<0.2	52.9	<0.01	<0.01	10.0	<0.005
41	Soil	545	35.0	2.7	<0.01	<0.01	1.63	2.7	<0.2	<0.2	50.9	<0.01	<0.01	14.8	<0.005
42	Soil	612	38.4	2.6	<0.01	<0.01	1.67	2.8	0.3	<0.2	58.0	<0.01	<0.01	13.7	<0.005
43	Soil	592	39.3	2.7	<0.01	<0.01	1.60	3.0	0.2	<0.2	61.0	<0.01	<0.01	14.9	<0.005
44	Soil	624	22.5	5.0	<0.01	<0.01	0.72	2.2	0.5	0.2	242.9	<0.01	<0.01	8.5	0.008
45	Soil	572	22.9	3.2	<0.01	0.02	0.86	1.9	0.8	<0.2	145.7	<0.01	<0.01	8.0	<0.005
46	Soil	534	21.7	3.2	<0.01	0.02	0.73	1.8	0.5	<0.2	120.1	<0.01	<0.01	7.1	<0.005
47	Soil	605	23.1	4.0	<0.01	0.04	0.81	2.0	0.7	<0.2	103.9	<0.01	<0.01	7.7	<0.005
48	Soil	666	34.3	2.9	<0.01	0.03	0.90	2.9	0.3	<0.2	63.8	<0.01	<0.01	10.1	<0.005
49	Soil	657	35.2	2.4	0.02	0.03	1.43	3.0	0.7	0.2	63.9	0.02	0.02	11.3	<0.005
50	Soil	652	33.1	2.4	<0.01	0.02	1.31	3.0	0.5	0.2	55.8	0.01	0.03	8.7	<0.005
51	Soil	739	31.1	3.0	<0.01	0.03	1.27	2.7	0.5	<0.2	44.1	<0.01	0.02	7.6	<0.005
52	Soil	604	38.2	2.2	<0.01	0.02	1.15	3.1	0.6	<0.2	39.7	<0.01	<0.01	8.7	<0.005
53	Soil	729	28.2	2.3	<0.01	0.04	0.98	2.6	1.1	<0.2	34.2	<0.01	0.02	6.8	<0.005
54	Soil	617	25.1	1.9	<0.01	0.04	0.70	1.7	0.6	<0.2	27.6	<0.01	<0.01	4.3	<0.005
55	Soil	579	21.2	1.7	<0.01	0.04	0.61	1.6	0.7	<0.2	26.2	<0.01	0.02	4.7	<0.005
56	Soil	696	29.4	1.9	<0.01	0.03	0.72	1.9	0.7	<0.2	29.7	<0.01	0.03	4.6	<0.005
57	Soil	529	24.4	1.7	<0.01	0.03	0.54	1.8	0.9	<0.2	25.0	<0.01	0.03	4.9	<0.005
58	Soil	623	25.1	2.3	<0.01	0.03	0.59	1.8	0.6	<0.2	31.1	<0.01	0.02	4.6	<0.005
59	Soil	565	22.4	2.0	<0.01	0.03	0.53	1.7	0.5	<0.2	24.0	<0.01	0.02	4.7	<0.005
530	Soil	426	23.7	1.9	<0.01	0.01	0.66	1.9	0.2	<0.2	12.5	<0.01	0.04	6.6	<0.005
531	Soil	450	18.6	1.8	<0.01	0.02	0.43	1.6	<0.2	<0.2	27.3	<0.01	<0.01	5.7	<0.005
532	Soil	446	18.0	1.8	<0.01	0.02	0.44	1.6	0.5	<0.2	27.1	<0.01	<0.01	5.6	<0.005
533	Soil	466	24.2	1.7	<0.01	0.02	0.79	1.8	0.4	<0.2	18.8	<0.01	0.06	5.0	<0.005
534	Soil	467	19.2	1.9	<0.01	0.03	0.55	1.4	0.3	<0.2	24.8	<0.01	0.03	4.8	<0.005
535	Soil	442	20.8	1.6	<0.01	0.03	0.60	1.6	0.4	<0.2	24.3	<0.01	<0.01	5.8	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
536	Soil	420	19.5	1.7	<0.01	0.02	0.54	1.6	<0.2	<0.2	26.1	<0.01	<0.01	6.0	<0.005
537	Soil	420	19.9	1.7	<0.01	0.02	0.54	1.6	0.4	<0.2	25.2	<0.01	0.02	5.5	<0.005
538	Soil	451	21.2	1.7	<0.01	0.02	0.59	1.8	<0.2	<0.2	24.2	<0.01	<0.01	6.4	<0.005
539	Soil	494	19.5	1.8	<0.01	0.03	0.50	1.6	0.3	<0.2	29.2	<0.01	0.01	5.9	<0.005
540	Soil	486	18.1	1.2	<0.01	0.06	0.64	1.5	0.4	<0.2	15.7	<0.01	0.03	8.0	<0.005
541	Soil	452	22.8	1.5	<0.01	0.02	0.74	1.6	0.4	<0.2	23.8	<0.01	<0.01	5.5	<0.005
542	Soil	423	23.7	1.4	<0.01	0.03	0.58	1.6	0.4	<0.2	32.1	<0.01	0.03	5.4	<0.005
543	Soil	438	21.1	1.5	<0.01	0.02	0.56	1.6	0.4	<0.2	27.8	<0.01	<0.01	5.5	<0.005
544	Soil	402	17.9	1.4	<0.01	0.02	0.50	1.4	<0.2	<0.2	20.9	<0.01	<0.01	5.7	<0.005
545	Soil	473	18.1	1.6	<0.01	0.02	0.50	1.6	<0.2	<0.2	24.3	<0.01	0.01	5.7	<0.005
546	Soil	461	23.4	1.8	<0.01	0.02	0.61	1.9	<0.2	<0.2	45.5	<0.01	<0.01	5.7	<0.005
547	Soil	453	19.7	1.7	<0.01	0.02	0.52	1.6	0.3	<0.2	26.6	<0.01	0.02	5.8	<0.005
611	Soil	647	42.6	1.4	<0.01	0.05	1.80	2.5	0.3	<0.2	27.9	<0.01	0.03	5.9	<0.005
612	Soil	682	46.0	1.6	<0.01	0.04	1.73	2.6	0.5	<0.2	36.5	<0.01	0.05	6.3	<0.005
613	Soil	667	41.5	1.4	<0.01	0.05	1.73	2.6	0.5	<0.2	45.3	<0.01	0.03	5.4	<0.005
614	Soil	664	40.7	2.2	<0.01	0.07	1.54	2.0	0.7	<0.2	40.7	<0.01	0.01	5.6	<0.005
615	Soil	756	50.3	4.1	<0.01	0.05	0.98	2.4	0.6	0.2	88.3	<0.01	0.02	4.4	<0.005
616	Soil	597	106.5	3.0	0.02	0.06	1.63	2.5	0.4	0.2	59.9	0.02	0.04	6.3	<0.005
617	Soil	697	61.8	2.5	<0.01	0.06	1.32	2.5	1.0	<0.2	67.0	<0.01	0.06	5.2	<0.005
618	Soil	619	46.7	2.5	<0.01	0.05	0.83	2.1	0.3	<0.2	72.2	<0.01	0.04	5.8	<0.005
619	Soil	811	42.1	2.7	<0.01	0.08	0.87	2.0	1.8	<0.2	89.3	<0.01	<0.01	4.6	<0.005
620	Soil	767	38.3	2.8	<0.01	0.08	0.90	2.1	1.4	<0.2	91.7	<0.01	0.02	4.4	<0.005
621	Soil	650	31.2	3.6	<0.01	0.05	0.63	1.6	0.4	<0.2	43.0	<0.01	0.02	6.7	<0.005
622	Soil	764	33.9	3.6	<0.01	0.06	0.61	1.7	1.1	<0.2	44.3	<0.01	0.01	6.3	<0.005
623	Soil	778	35.7	3.7	<0.01	0.07	0.57	1.5	1.5	<0.2	47.1	<0.01	<0.01	7.1	<0.005
624	Soil	723	33.4	3.8	<0.01	0.07	0.55	1.6	0.7	<0.2	48.9	<0.01	<0.01	7.0	<0.005
625	Soil	812	31.7	4.4	<0.01	0.08	0.63	1.6	1.7	<0.2	67.4	<0.01	<0.01	6.3	<0.005
626	Soil	789	24.1	4.3	<0.01	0.09	0.62	1.5	1.7	<0.2	68.8	<0.01	<0.01	6.6	<0.005
627	Soil	586	18.5	3.5	<0.01	0.04	0.48	1.4	0.5	<0.2	49.3	<0.01	<0.01	7.9	<0.005
628	Soil	638	20.3	4.2	<0.01	0.05	0.57	1.6	0.7	<0.2	71.4	<0.01	<0.01	6.0	<0.005
629	Soil	518	18.8	3.6	<0.01	0.03	0.46	1.7	0.3	<0.2	45.5	<0.01	0.01	7.7	<0.005
630	Soil	803	34.0	1.7	<0.01	<0.01	0.86	3.7	0.4	<0.2	95.1	<0.01	0.02	12.6	<0.005
631	Soil	721	28.9	2.0	<0.01	0.03	0.80	3.7	0.7	<0.2	67.2	<0.01	<0.01	9.2	<0.005
632	Soil	799	26.1	2.6	<0.01	0.04	0.46	1.7	0.5	<0.2	64.3	<0.01	<0.01	5.0	<0.005
633	Soil	654	22.8	2.0	<0.01	0.04	0.53	2.5	0.5	<0.2	54.6	<0.01	<0.01	8.4	<0.005
634	Soil	697	24.5	2.6	<0.01	0.05	0.51	2.8	0.8	<0.2	70.3	<0.01	<0.01	7.9	<0.005
635	Soil	683	22.7	4.5	<0.01	0.05	0.59	2.6	1.0	<0.2	107.3	<0.01	<0.01	7.7	<0.005
636	Soil	611	22.1	3.9	<0.01	0.04	0.53	2.3	0.7	<0.2	72.0	<0.01	<0.01	8.5	<0.005
637	Soil	578	17.8	3.7	<0.01	0.03	0.38	1.8	0.8	<0.2	62.3	<0.01	<0.01	8.1	<0.005
638	Soil	537	22.5	3.1	<0.01	0.03	0.55	1.9	0.5	<0.2	66.5	<0.01	<0.01	7.2	<0.005

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
639	Soil	575	52.6	4.0	<0.01	0.03	1.01	1.5	0.5	<0.2	36.5	<0.01	<0.01	6.2	<0.005
640	Soil	621	31.4	5.6	<0.01	0.04	0.85	2.2	0.5	0.3	60.3	<0.01	<0.01	6.4	<0.005
641	Soil	503	27.4	5.2	<0.01	0.04	0.71	2.5	0.5	0.2	47.2	<0.01	<0.01	7.4	<0.005
642	Soil	527	27.7	5.9	<0.01	0.04	0.67	2.5	0.6	0.2	60.8	<0.01	0.02	7.2	<0.005
643	Soil	645	24.5	6.9	<0.01	0.04	0.67	2.8	0.7	0.3	59.3	<0.01	<0.01	6.7	<0.005
644	Soil	681	25.8	7.7	<0.01	0.04	0.65	2.8	0.6	0.3	56.8	<0.01	<0.01	7.3	0.006
645	Soil	638	20.6	6.7	<0.01	0.02	0.55	2.2	0.3	0.3	38.0	<0.01	<0.01	7.1	0.008
646	Soil	555	22.3	2.8	<0.01	0.02	1.13	2.1	0.4	<0.2	43.6	<0.01	<0.01	8.2	<0.005
647	Soil	544	23.1	2.9	<0.01	0.02	1.06	2.1	0.5	<0.2	39.0	<0.01	<0.01	7.7	<0.005
180	Soil	715	47.6	5.5	<0.01	0.05	0.92	3.2	1.1	0.2	75.6	<0.01	<0.01	6.2	<0.005
181	Soil	696	37.9	4.0	<0.01	0.04	0.95	2.5	1.2	<0.2	47.6	<0.01	<0.01	7.9	<0.005
182	Soil	624	44.5	4.4	<0.01	0.05	0.91	2.7	1.0	<0.2	51.6	0.01	0.04	8.4	<0.005
183	Soil	532	34.8	5.7	<0.01	0.06	0.56	2.0	0.7	<0.2	64.6	<0.01	<0.01	6.4	<0.005
184	Soil	568	43.8	4.8	<0.01	0.04	0.82	2.4	0.2	<0.2	53.8	<0.01	<0.01	8.4	<0.005
185	Soil	538	41.1	4.8	<0.01	0.04	0.74	2.3	0.6	<0.2	44.3	<0.01	<0.01	8.8	<0.005
186	Soil	547	34.4	5.0	<0.01	0.05	0.81	2.0	0.7	<0.2	52.4	<0.01	<0.01	7.8	<0.005
187	Soil	644	46.3	1.5	<0.01	0.04	1.77	2.4	0.3	<0.2	31.3	<0.01	0.06	6.1	<0.005
188	Soil	854	33.9	2.7	<0.01	0.08	0.91	1.8	2.0	<0.2	105.1	<0.01	<0.01	4.0	<0.005
189	Soil	600	37.6	2.4	<0.01	0.04	0.96	1.9	0.7	<0.2	66.2	<0.01	0.03	5.1	<0.005
190	Soil	426	21.4	3.1	<0.01	0.03	0.59	1.4	0.5	<0.2	66.2	<0.01	<0.01	4.5	<0.005
191	Soil	501	26.5	2.9	<0.01	0.04	0.70	1.8	0.6	<0.2	58.8	<0.01	<0.01	5.2	<0.005
270	Soil	528	75.6	2.0	<0.01	0.02	2.06	1.8	0.3	<0.2	22.6	<0.01	<0.01	7.5	<0.005
271	Soil	552	81.8	1.9	<0.01	0.03	3.34	2.5	0.6	<0.2	30.2	<0.01	<0.01	7.5	<0.005
272	Soil	700	47.0	3.2	<0.01	0.04	1.47	1.7	0.7	<0.2	15.1	<0.01	0.03	3.7	<0.005
273	Soil	629	68.5	1.6	<0.01	0.03	2.35	2.4	<0.2	<0.2	22.3	<0.01	0.05	7.1	<0.005
274	Soil	621	47.9	1.1	<0.01	0.05	1.90	2.2	0.4	<0.2	26.1	<0.01	0.04	5.3	<0.005
275	Soil	685	63.7	1.6	<0.01	0.30	1.95	2.3	0.6	<0.2	17.4	<0.01	0.04	5.4	<0.005
276	Soil	616	40.4	1.3	<0.01	0.06	1.85	2.7	0.3	<0.2	29.8	<0.01	0.02	5.5	<0.005
277	Soil	616	40.8	1.2	<0.01	0.05	1.90	2.7	0.4	<0.2	30.9	<0.01	<0.01	5.8	<0.005
278	Soil	1223	17.9	1.3	<0.01	0.04	0.93	3.3	0.3	<0.2	18.5	<0.01	<0.01	2.9	<0.005

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
71	Soil	0.06	5.66	14	0.08	14.62	124	4.8
72	Soil	0.05	11.36	13	0.07	9.66	95	2.9
73	Soil	0.05	4.67	13	0.07	12.74	111	4.2
74	Soil	<0.05	14.43	13	<0.05	11.31	103	4.7
75	Soil	<0.05	97.80	5	0.07	5.07	60	1.8
76	Soil	<0.05	16.50	13	0.09	10.56	88	3.4
77	Soil	<0.05	3.03	13	<0.05	9.57	81	3.4
78	Soil	<0.05	3.90	12	<0.05	8.43	86	3.1
79	Soil	<0.05	6.04	12	<0.05	10.85	83	4.2
80	Soil	<0.05	4.22	12	0.06	8.13	81	3.0
81	Soil	<0.05	4.26	12	<0.05	8.99	83	3.2
82	Soil	<0.05	84.57	10	0.10	3.66	48	4.0
83	Soil	<0.05	4.71	14	0.06	7.83	88	2.8
84	Soil	<0.05	3.00	13	<0.05	7.27	88	2.6
251	Soil	<0.05	3.11	16	0.07	5.61	104	4.6
252	Soil	<0.05	3.35	16	1.06	5.71	102	4.7
253	Soil	<0.05	2.45	15	0.09	5.14	90	4.3
254	Soil	<0.05	3.15	16	0.10	5.36	102	4.0
255	Soil	<0.05	2.53	16	0.15	5.15	83	3.2
256	Soil	<0.05	3.77	17	0.26	5.27	95	3.3
257	Soil	<0.05	2.29	16	0.18	5.07	87	2.6
258	Soil	<0.05	0.65	13	0.07	5.32	77	1.7
259	Soil	<0.05	0.59	13	0.07	5.22	78	2.1
260	Soil	<0.05	1.13	16	0.19	3.49	99	1.6
261	Soil	<0.05	1.19	15	1.22	3.52	98	2.1
262	Soil	<0.05	0.90	15	0.17	3.06	93	1.9
263	Soil	<0.05	0.99	15	0.17	3.50	97	1.9
264	Soil	<0.05	1.02	15	1.42	4.43	95	2.1
265	Soil	<0.05	1.06	15	0.14	4.92	90	2.1
266	Soil	0.05	0.76	15	0.15	5.30	83	2.2
267	Soil	<0.05	0.68	14	0.14	4.88	75	2.1
268	Soil	<0.05	0.74	15	0.12	5.54	78	2.5
269	Soil	<0.05	0.68	14	0.12	5.11	77	2.5
279	Soil	<0.05	1.49	23	0.06	4.76	102	2.3
280	Soil	1.35	3.83	14	0.10	32.18	879	1.4
281	Soil	0.33	1.24	22	0.06	8.40	225	1.8
282	Soil	0.21	2.39	15	0.06	14.45	224	3.0
283	Soil	0.16	2.11	15	0.06	9.38	159	3.1
284	Soil	0.10	1.28	15	0.07	7.29	127	3.1
285	Soil	0.15	1.72	15	0.07	7.53	135	2.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
286	Soil	0.13	1.47	15	0.07	8.16	137	3.0
287	Soil	0.16	1.80	15	0.07	6.41	106	2.7
288	Soil	0.47	2.41	14	0.14	6.60	110	3.4
289	Soil	0.30	3.68	13	0.26	9.58	149	2.8
290	Soil	0.40	4.00	14	0.14	16.48	230	3.2
291	Soil	0.25	1.75	14	0.06	10.07	165	2.9
292	Soil	0.44	3.57	14	0.08	13.03	200	3.3
293	Soil	0.31	2.81	14	0.08	14.81	211	3.3
294	Soil	0.29	2.90	15	0.08	16.70	220	3.6
295	Soil	0.24	2.33	15	0.06	12.38	191	3.3
296	Soil	0.30	2.29	14	0.08	13.38	204	3.2
297	Soil	0.36	3.20	14	0.22	13.57	203	2.8
298	Soil	0.27	2.98	14	0.08	15.39	216	3.3
39	Soil	0.06	2.57	13	<0.05	14.05	126	8.9
40	Soil	<0.05	1.48	10	<0.05	11.99	110	5.4
41	Soil	<0.05	1.44	11	<0.05	9.22	106	10.4
42	Soil	<0.05	1.40	11	<0.05	9.86	111	7.9
43	Soil	<0.05	1.51	11	<0.05	9.76	112	8.1
44	Soil	<0.05	1.02	17	0.09	5.59	87	4.8
45	Soil	<0.05	1.57	13	0.05	5.31	81	4.2
46	Soil	<0.05	1.36	13	<0.05	4.88	81	4.4
47	Soil	<0.05	1.51	14	<0.05	5.21	90	5.0
48	Soil	<0.05	1.53	12	<0.05	8.02	94	6.1
49	Soil	0.05	2.51	10	0.09	10.96	104	10.6
50	Soil	<0.05	2.07	12	0.07	11.23	96	8.2
51	Soil	<0.05	2.05	14	0.06	10.32	106	8.4
52	Soil	<0.05	2.32	14	0.06	11.12	95	8.3
53	Soil	<0.05	2.27	15	1.93	7.71	97	5.9
54	Soil	<0.05	1.32	12	0.06	5.42	70	4.9
55	Soil	<0.05	1.43	13	3.13	4.98	77	4.8
56	Soil	<0.05	2.25	15	0.05	5.37	95	5.5
57	Soil	<0.05	2.14	14	<0.05	5.14	83	5.3
58	Soil	<0.05	3.49	15	0.05	5.49	90	4.9
59	Soil	<0.05	2.29	15	3.85	4.20	93	4.4
530	Soil	<0.05	0.95	17	0.10	3.31	103	3.1
531	Soil	<0.05	1.65	14	<0.05	3.85	82	2.8
532	Soil	<0.05	1.51	14	<0.05	3.90	83	2.7
533	Soil	<0.05	0.94	16	0.10	3.58	97	2.6
534	Soil	<0.05	1.27	14	1.16	3.44	81	2.4
535	Soil	<0.05	1.04	14	0.06	3.61	82	2.4

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
536	Soil	<0.05	1.14	14	0.08	3.52	83	2.4
537	Soil	<0.05	1.15	14	0.06	3.55	84	2.5
538	Soil	<0.05	1.36	15	0.07	3.90	90	2.7
539	Soil	<0.05	1.28	14	0.07	3.77	84	2.5
540	Soil	<0.05	0.84	15	0.07	3.14	89	2.3
541	Soil	<0.05	1.11	14	0.07	3.66	80	2.4
542	Soil	<0.05	1.07	13	0.07	3.89	83	2.5
543	Soil	<0.05	1.36	14	0.06	3.81	80	2.4
544	Soil	<0.05	0.95	13	0.06	3.13	79	2.1
545	Soil	<0.05	1.09	14	0.05	3.58	82	2.2
546	Soil	<0.05	1.09	15	0.07	4.29	83	2.7
547	Soil	<0.05	1.10	14	0.06	3.70	82	2.4
611	Soil	0.10	2.83	15	0.06	7.53	155	2.7
612	Soil	0.12	2.43	16	<0.05	8.39	162	3.1
613	Soil	0.11	2.85	15	0.06	9.04	169	2.6
614	Soil	0.07	1.65	15	0.06	7.21	134	2.7
615	Soil	<0.05	1.88	15	0.05	16.66	102	6.6
616	Soil	0.06	1.88	19	0.09	9.91	124	4.0
617	Soil	<0.05	3.06	18	0.07	11.18	113	4.3
618	Soil	<0.05	1.69	16	<0.05	7.41	91	5.1
619	Soil	<0.05	2.60	15	<0.05	9.29	82	4.8
620	Soil	<0.05	2.45	15	0.05	8.86	83	4.9
621	Soil	<0.05	8.93	13	<0.05	7.40	79	3.5
622	Soil	<0.05	5.03	13	0.18	9.64	92	3.9
623	Soil	<0.05	7.45	12	0.07	7.78	91	4.1
624	Soil	<0.05	11.03	13	0.05	7.60	94	4.3
625	Soil	<0.05	9.50	12	<0.05	8.18	83	5.1
626	Soil	<0.05	6.51	12	0.05	7.62	76	4.5
627	Soil	<0.05	4.40	11	<0.05	6.28	70	3.4
628	Soil	<0.05	9.89	13	0.06	6.73	75	3.5
629	Soil	<0.05	4.41	14	0.37	5.61	73	2.7
630	Soil	<0.05	1.31	14	<0.05	7.80	95	3.6
631	Soil	<0.05	2.08	14	<0.05	9.41	92	3.1
632	Soil	<0.05	1.90	14	0.06	7.04	72	1.4
633	Soil	<0.05	1.05	13	<0.05	6.77	86	2.6
634	Soil	<0.05	1.22	13	<0.05	7.58	87	2.8
635	Soil	<0.05	1.96	14	0.21	8.05	93	3.5
636	Soil	<0.05	1.29	14	0.12	6.59	88	3.1
637	Soil	<0.05	1.18	14	0.15	5.57	80	2.7
638	Soil	<0.05	1.81	14	0.15	5.60	77	2.9

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Vol 5-47
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Certificate of Analysis

11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
639	Soil	<0.05	4.28	16	0.06	5.79	90	2.6
640	Soil	<0.05	6.39	19	0.15	7.72	88	3.3
641	Soil	<0.05	3.69	17	1.96	7.24	91	3.2
642	Soil	0.05	4.31	17	0.12	8.40	97	3.1
643	Soil	0.05	2.15	19	0.12	7.05	101	2.9
644	Soil	0.06	2.14	20	0.24	7.56	96	3.1
645	Soil	0.05	1.51	20	0.25	5.45	82	2.4
646	Soil	<0.05	0.81	16	0.10	4.87	108	2.2
647	Soil	<0.05	0.97	16	0.13	5.03	96	2.3
180	Soil	0.05	3.78	14	0.05	17.83	101	5.0
181	Soil	<0.05	1.53	12	<0.05	11.10	103	3.4
182	Soil	0.05	1.77	13	0.06	11.62	115	3.6
183	Soil	<0.05	3.72	12	<0.05	9.38	87	4.5
184	Soil	<0.05	1.65	12	<0.05	9.91	103	4.0
185	Soil	<0.05	1.34	12	0.05	9.59	103	3.7
186	Soil	<0.05	1.38	12	<0.05	8.35	96	3.7
187	Soil	0.09	1.82	16	<0.05	7.07	152	2.9
188	Soil	<0.05	2.86	14	0.11	8.03	83	4.4
189	Soil	<0.05	2.38	15	0.07	6.37	90	3.7
190	Soil	<0.05	1.56	15	0.09	5.12	80	3.1
191	Soil	<0.05	1.92	15	0.07	6.08	84	4.2
270	Soil	<0.05	1.51	14	<0.05	6.70	135	2.2
271	Soil	<0.05	1.93	15	0.05	11.01	170	3.6
272	Soil	<0.05	1.71	13	0.07	5.98	83	2.3
273	Soil	<0.05	2.05	16	<0.05	7.07	143	3.1
274	Soil	<0.05	1.50	15	<0.05	6.39	135	2.6
275	Soil	0.09	1.86	15	0.05	6.63	128	3.2
276	Soil	0.10	3.69	16	0.08	8.60	147	3.0
277	Soil	0.10	3.27	16	<0.05	8.23	164	3.0
278	Soil	<0.05	0.98	21	0.06	6.35	91	2.2

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
71	Soil		0.30	1.80	9.7	51	0.87	0.47	0.47	0.12	50.64	21.0	20	1.92	49.4
71 Dup			0.29	1.90	9.6	51	0.86	0.48	0.49	0.13	52.44	21.9	20	1.93	50.9
QCV1108-00351-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.31					8.56				21.3			>10000
255	Soil		0.13	1.57	36.0	34	0.43	0.29	0.68	0.12	32.80	12.4	22	1.27	33.8
255 Dup			0.13	1.56	35.9	34	0.44	0.28	0.70	0.12	32.46	12.5	22	1.28	34.0
QCV1108-00351-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.47				21.6			>10000
282	Soil		0.15	2.20	52.1	42	1.32	0.48	0.49	1.04	27.51	59.9	20	0.90	46.4
282 Dup			0.15	2.19	52.7	43	1.37	0.48	0.50	1.08	28.51	60.1	20	0.90	48.6
QCV1108-00351-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6486.1
40	Soil		0.15	0.94	27.2	46	0.90	0.48	0.56	0.09	34.02	22.0	12	1.00	39.3
40 Dup			0.15	0.94	28.0	46	1.00	0.47	0.56	0.08	35.05	22.3	12	1.01	39.7
QCV1108-00351-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.15												6463.5
58	Soil		0.14	1.68	42.0	22	0.40	0.42	0.53	0.10	13.45	15.1	24	0.56	40.6
58 Dup			0.14	1.70	42.0	22	0.40	0.42	0.54	0.10	14.58	15.3	24	0.57	40.5
QCV1108-00351-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.29					8.64				21.4			>10000
546	Soil		0.07	1.26	36.4	22	0.31	0.31	0.75	0.09	11.83	13.0	20	0.42	27.0
546 Dup			0.07	1.21	36.2	23	0.31	0.30	0.69	0.09	11.82	12.7	20	0.41	25.8
QCV1108-00351-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.90												6377.2
627	Soil		0.07	1.38	6.0	25	0.44	0.33	0.72	0.05	27.70	9.7	18	0.32	21.9
627 Dup			0.07	1.40	6.0	25	0.44	0.33	0.76	0.05	30.58	9.7	18	0.33	22.6
QCV1108-00351-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6698.5
645	Soil		0.11	1.41	37.1	47	0.41	0.44	0.49	0.17	32.74	12.1	22	0.91	21.1
645 Dup			0.11	1.39	36.8	47	0.41	0.44	0.50	0.18	32.58	12.0	22	0.90	21.4
QCV1108-00351-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6704.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
273	Soil		0.21	1.15	51.7	30	0.58	0.56	0.20	0.47	15.31	31.8	20	1.18	57.4
273 Dup			0.21	1.16	51.8	30	0.59	0.56	0.20	0.48	15.43	32.1	20	1.21	57.8
QCV1108-00351-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1108-00351-0027-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.50		7459.8							9.2			27.0
71	Soil	<0.005													
71 Dup		0.014													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.955													
QCV1108-00352-0004-BLK		0.008													
282	Soil	0.017													
282 Dup		0.020													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.441													
40	Soil	0.009													
40 Dup		0.009													
QCV1108-00352-0008-BLK		0.009													
58	Soil	0.015													
58 Dup		0.013													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.944													
QCV1108-00352-0012-BLK		<0.005													
627	Soil	<0.005													
627 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.947													
645	Soil	0.009													
645 Dup		<0.005													
QCV1108-00352-0016-BLK		<0.005													
273	Soil	0.005													
273 Dup		0.014													
QCV1108-00352-0018-BLK		<0.005													

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
71	Soil	3.77	4.92	<0.05	0.13	0.03	0.07	24.4	38.5	0.64	600	0.47	0.01	0.22	44.1
71 Dup		3.87	5.09	<0.05	0.12	0.03	0.08	25.2	39.0	0.67	624	0.47	0.01	0.22	45.0
QCV1108-00351-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
255	Soil	3.01	4.58	<0.05	0.09	0.02	0.07	16.7	45.7	0.67	482	0.33	0.01	0.41	31.8
255 Dup		2.98	4.50	<0.05	0.09	0.02	0.07	16.3	44.9	0.66	487	0.33	0.01	0.41	31.6
QCV1108-00351-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
282	Soil	4.60	3.73	<0.05	0.11	0.03	0.05	15.0	45.8	0.62	2117	0.46	<0.01	0.08	90.6
282 Dup		4.56	3.80	<0.05	0.11	0.03	0.05	15.4	46.0	0.63	2207	0.46	<0.01	0.08	90.8
QCV1108-00351-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
40	Soil	3.80	2.56	<0.05	0.14	0.03	0.03	15.5	26.5	0.36	599	0.37	<0.01	0.08	40.2
40 Dup		3.85	2.60	<0.05	0.14	0.03	0.03	15.7	27.0	0.36	617	0.37	<0.01	0.08	41.2
QCV1108-00351-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
58	Soil	3.56	5.02	<0.05	0.17	0.02	0.02	6.8	54.6	0.76	549	0.34	<0.01	0.10	35.4
58 Dup		3.57	5.03	<0.05	0.16	0.02	0.02	7.1	55.4	0.77	554	0.34	<0.01	0.10	36.8
QCV1108-00351-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
546	Soil	3.20	4.17	<0.05	0.08	0.02	0.02	5.8	48.5	0.59	534	0.30	<0.01	0.14	30.9
546 Dup		3.16	4.12	<0.05	0.08	0.02	0.02	5.8	47.9	0.58	496	0.29	<0.01	0.14	30.1
QCV1108-00351-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
627	Soil	2.71	4.07	<0.05	0.12	0.02	0.04	13.5	37.3	0.52	283	0.24	0.01	0.11	23.1
627 Dup		2.73	4.07	<0.05	0.12	0.01	0.04	14.0	37.9	0.52	294	0.24	0.01	0.12	23.3
QCV1108-00351-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
645	Soil	2.85	4.56	<0.05	0.08	0.02	0.06	16.1	40.1	0.73	514	0.41	0.01	0.51	27.2
645 Dup		2.92	4.52	<0.05	0.08	0.02	0.06	16.2	39.9	0.73	508	0.42	0.01	0.50	27.4
QCV1108-00351-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
273	Soil	4.64	3.76	<0.05	0.08	0.03	0.02	7.2	41.9	0.59	2416	0.56	<0.01	<0.05	61.7
273 Dup		4.77	3.79	<0.05	0.08	0.03	0.02	7.3	41.6	0.59	2446	0.56	<0.01	<0.05	64.2
QCV1108-00351-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00351-0027-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76					48.7
STD-DS-1 result										2.50					48.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
71	Soil	660	54.2	7.2	<0.01	0.04	0.65	2.3	0.7	<0.2	39.5	<0.01	0.01	11.5	<0.005
71 Dup		695	54.8	7.2	<0.01	0.05	0.66	2.3	0.8	<0.2	40.5	<0.01	0.01	11.5	<0.005
QCV1108-00351-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.6				1.50		13.3	16.4					
255	Soil	612	20.9	5.5	<0.01	0.05	0.53	1.8	1.4	<0.2	39.3	<0.01	<0.01	5.9	<0.005
255 Dup		603	20.9	5.6	<0.01	0.05	0.54	1.9	1.4	<0.2	38.5	<0.01	<0.01	5.8	<0.005
QCV1108-00351-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				1.52		13.5	16.6					
282	Soil	730	43.4	2.8	<0.01	0.06	1.62	2.9	0.8	<0.2	75.5	<0.01	<0.01	7.0	<0.005
282 Dup		726	43.8	2.9	<0.01	0.06	1.62	2.9	0.8	<0.2	76.0	<0.01	<0.01	7.1	<0.005
QCV1108-00351-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
40	Soil	787	45.8	2.6	<0.01	0.02	2.27	3.3	0.3	<0.2	52.9	<0.01	<0.01	10.0	<0.005
40 Dup		804	46.5	2.6	<0.01	0.02	2.30	3.3	0.3	<0.2	53.4	<0.01	<0.01	9.9	<0.005
QCV1108-00351-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
58	Soil	623	25.1	2.3	<0.01	0.03	0.59	1.8	0.6	<0.2	31.1	<0.01	0.02	4.6	<0.005
58 Dup		633	25.6	2.4	<0.01	0.03	0.60	1.8	0.7	<0.2	31.6	<0.01	0.02	4.6	<0.005
QCV1108-00351-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.0				1.75		12.2	16.6					
546	Soil	461	23.4	1.8	<0.01	0.02	0.61	1.9	<0.2	<0.2	45.5	<0.01	<0.01	5.7	<0.005
546 Dup		448	23.0	1.8	<0.01	0.02	0.59	1.8	<0.2	<0.2	45.3	<0.01	<0.01	5.7	<0.005
QCV1108-00351-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
627	Soil	586	18.5	3.5	<0.01	0.04	0.48	1.4	0.5	<0.2	49.3	<0.01	<0.01	7.9	<0.005
627 Dup		588	18.6	3.4	<0.01	0.04	0.49	1.4	0.5	<0.2	50.5	<0.01	<0.01	7.9	<0.005
QCV1108-00351-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
645	Soil	638	20.6	6.7	<0.01	0.02	0.55	2.2	0.3	0.3	38.0	<0.01	<0.01	7.1	0.008
645 Dup		634	20.4	6.8	<0.01	0.02	0.56	2.3	0.3	0.3	38.2	<0.01	<0.01	7.1	0.008
QCV1108-00351-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
273	Soil	629	68.5	1.6	<0.01	0.03	2.35	2.4	<0.2	<0.2	22.3	<0.01	0.05	7.1	<0.005
273 Dup		642	68.8	1.6	<0.01	0.03	2.42	2.4	<0.2	<0.2	23.0	<0.01	0.05	6.9	<0.005
QCV1108-00351-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1108-00351-0027-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		323	11.5												

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
71	Soil	0.06	5.66	14	0.08	14.62	124	4.8
71 Dup		0.06	5.67	14	0.08	14.80	127	4.8
QCV1108-00351-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
255	Soil	<0.05	2.53	16	0.15	5.15	83	3.2
255 Dup		<0.05	2.53	16	0.15	5.01	82	3.1
QCV1108-00351-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
282	Soil	0.21	2.39	15	0.06	14.45	224	3.0
282 Dup		0.22	2.41	15	0.06	14.78	231	3.2
QCV1108-00351-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5118	
40	Soil	<0.05	1.48	10	<0.05	11.99	110	5.4
40 Dup		0.05	1.48	10	<0.05	12.07	110	5.5
QCV1108-00351-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5339	
58	Soil	<0.05	3.49	15	0.05	5.49	90	4.9
58 Dup		<0.05	3.52	15	0.05	5.50	93	5.0
QCV1108-00351-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
546	Soil	<0.05	1.09	15	0.07	4.29	83	2.7
546 Dup		<0.05	1.08	14	0.07	4.25	81	2.6
QCV1108-00351-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5293	
627	Soil	<0.05	4.40	11	<0.05	6.28	70	3.4
627 Dup		<0.05	4.50	12	<0.05	6.29	71	3.5
QCV1108-00351-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5305	
645	Soil	0.05	1.51	20	0.25	5.45	82	2.4
645 Dup		0.05	1.49	20	0.25	5.51	83	2.4
QCV1108-00351-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5573	

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11-360-05632-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
273	Soil	<0.05	2.05	16	<0.05	7.07	143	3.1
273 Dup		<0.05	1.94	16	<0.05	7.10	148	3.0
QCV1108-00351-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1108-00351-0027-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		17.08					213	

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11-360-08518-01

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Phone: 604-272-7818

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EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Silt 2**
Client Reference: **Silt 2**
Description: **3 ACE**

Date Received: 11/08/2011
Date Completed: 11/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	3	Silt	

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3910	Silt	0.014	0.15	1.84	2.4	53	0.50	0.32	7.31	0.11	37.99	18.2	28	2.84	35.9
3911	Silt	<0.005	0.07	1.54	4.8	41	0.57	0.33	7.73	0.09	40.01	16.9	20	2.25	44.2
3912	Silt	0.008	0.06	1.84	1.6	48	0.48	0.30	8.32	0.08	45.01	17.0	21	2.64	32.7

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3910	Silt	3.28	5.49	0.06	0.10	0.03	0.43	19.9	22.8	0.93	624	0.95	0.06	0.38	33.1
3911	Silt	3.21	4.46	0.05	0.08	0.02	0.34	20.9	18.1	0.77	518	0.49	0.05	0.43	28.7
3912	Silt	2.75	5.23	<0.05	0.09	0.02	0.42	21.9	22.1	0.93	560	0.47	0.06	0.38	29.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3910	Silt	481	10.0	39.1	<0.01	0.19	0.10	4.2	0.9	0.6	344.9	<0.01	0.06	9.3	0.078
3911	Silt	559	9.3	31.5	<0.01	0.30	0.12	3.4	0.8	0.4	327.0	<0.01	0.03	9.6	0.065
3912	Silt	519	9.4	36.8	<0.01	0.08	0.07	4.0	0.6	0.5	368.6	<0.01	0.06	8.8	0.068

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3910	Silt	0.30	0.94	61	0.63	8.80	78	2.6
3911	Silt	0.27	0.84	47	0.11	8.65	66	2.4
3912	Silt	0.27	0.73	52	0.10	9.03	68	2.8

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3910	Silt		0.15	1.84	2.4	53	0.50	0.32	7.31	0.11	37.99	18.2	28	2.84	35.9
3910 Dup			0.09	1.82	2.1	54	0.54	0.40	7.94	0.11	39.91	18.2	29	2.82	35.3
QCV1111-00807-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS92-2A expected			0.74					2.56				16.1			2352.0
STD-OREAS92-2A result			0.73					2.61				15.8			2494.7
3910	Silt	0.014													
3910 Dup		0.015													
QCV1111-00808-0002-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.398													

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3910	Silt	3.28	5.49	0.06	0.10	0.03	0.43	19.9	22.8	0.93	624	0.95	0.06	0.38	33.1
3910 Dup		3.45	5.58	0.08	0.09	0.03	0.40	20.6	23.1	0.95	598	1.17	0.05	0.43	33.8
QCV1111-00807-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3910	Silt	481	10.0	39.1	<0.01	0.19	0.10	4.2	0.9	0.6	344.9	<0.01	0.06	9.3	0.078
3910 Dup		509	9.9	39.7	<0.01	0.19	0.12	4.1	0.5	0.6	334.2	<0.01	0.03	9.4	0.076
QCV1111-00807-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS92-2A expected			9.2			0.31	0.68		3.1	4.5					
STD-OREAS92-2A result			9.3			0.33	0.40		3.3	4.0					

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11-360-08518-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3910	Silt	0.30	0.94	61	0.63	8.80	78	2.6
3910 Dup		0.31	0.86	58	0.13	8.85	79	2.7
QCV1111-00807-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS92-2A expected							81	
STD-OREAS92-2A result							88	

Rock Certificates

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#200 - 11620 Horseshoe Way
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Attention: Melanie Debnam
EMail: mdebnam@firestonereventures.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 1**
Description: **3 ACE**

Date Received: 08/03/2011
Date Completed: 08/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	55	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS
Vancouver, BC	Pb-4A-OR-AA	Pb, Ore Grade, 4 Acid, AA

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20401	Rock		0.080		0.25	1.84	126.5	78	0.61	0.09	0.01	0.12	17.43	5.2	196
20402	Rock		0.308		0.08	0.30	193.9	21	0.16	0.07	0.01	<0.02	5.48	1.2	274
20403	Rock		0.125		0.11	0.14	4.6	6	0.07	0.17	0.06	<0.02	2.46	1.3	293
20404	Rock		0.141		0.01	0.31	4.2	10	<0.05	0.06	0.19	<0.02	2.18	1.7	234
20405	Rock		0.256		0.23	2.62	4.8	151	0.46	0.13	0.03	<0.02	33.96	2.7	211
20406	Rock		0.137		0.21	3.65	2.1	131	0.62	0.15	0.13	0.08	71.29	4.1	168
20407	Rock		0.082		0.12	1.82	7.4	90	0.35	0.20	0.01	<0.02	24.72	3.2	237
20651	Rock	11.172	>10		0.87	1.31	>10000	67	0.25	0.55	0.02	0.09	21.83	2.2	264
20652	Rock		0.143		0.09	0.14	30.9	16	0.07	0.06	>10	0.47	31.93	1.2	137
20653	Rock		0.164		0.47	1.28	2155.5	76	0.36	0.25	0.03	0.38	25.04	1.6	281
20654	Rock		0.257		0.11	2.28	453.4	100	0.55	0.09	<0.01	0.14	22.74	1.6	271
20655	Rock		0.204		0.37	2.30	60.6	119	0.75	0.11	0.02	<0.02	34.96	2.6	237
20656	Rock		0.163		0.10	1.40	25.3	59	0.34	0.11	<0.01	0.10	18.53	2.9	301
20657	Rock		0.181		0.05	1.27	117.3	35	0.28	0.11	0.04	0.04	9.78	1.1	284
20658	Rock		0.182		0.08	1.64	28.2	68	0.28	0.16	0.14	<0.02	20.01	1.0	218
20659	Rock		0.153		0.19	0.29	7.4	8	0.05	0.31	0.08	<0.02	2.36	2.3	259
20660	Rock		0.138		0.13	0.22	8.6	<5	0.08	0.10	0.05	<0.02	1.74	2.2	213
20661	Rock		0.128		0.23	0.34	2.5	13	0.09	0.08	0.03	0.03	6.73	2.8	197
20662	Rock		0.179		0.20	1.09	8.4	37	0.25	0.13	0.05	<0.02	14.16	5.8	269
20663	Rock		0.081		0.09	0.10	8.4	<5	<0.05	0.09	0.02	0.02	1.35	1.8	287
20664	Rock		0.108		0.09	1.51	2430.1	67	0.25	0.71	0.03	0.03	20.02	3.3	248
20665	Rock		0.155		0.86	1.83	2203.8	70	0.32	0.53	0.03	0.10	25.69	3.4	223
20666	Rock		0.228		0.14	1.65	3662.5	70	0.35	1.13	0.03	0.07	25.16	5.7	250
20667	Rock		0.097		0.24	1.57	1877.2	84	0.27	0.65	0.02	<0.02	25.98	3.0	177
20668	Rock		0.189		0.16	2.22	149.9	159	0.58	0.40	<0.01	<0.02	31.46	1.4	172
20669	Rock		0.197		0.05	0.12	44.4	8	<0.05	0.15	<0.01	<0.02	1.23	1.1	235
20670	Rock		0.341		0.83	1.67	3116.4	110	0.44	7.51	0.02	<0.02	41.58	2.4	193
20671	Rock		0.296		0.31	0.58	18.9	26	<0.05	1.82	0.02	<0.02	4.23	1.6	259
20672	Rock		0.377		0.26	2.01	133.2	139	0.50	1.32	0.02	<0.02	18.45	2.6	261
20673	Rock		0.275		0.32	>10	19.7	1108	3.04	2.56	0.03	<0.02	85.14	6.7	129
20674	Rock		0.462		0.18	7.87	17.8	807	2.51	1.00	0.05	<0.02	67.52	5.1	209
20801	Rock		2.242		0.25	2.56	371.9	79	0.71	0.11	1.02	0.02	26.92	5.5	211
20802	Rock		0.505		0.27	2.42	1345.7	72	0.33	0.10	0.02	0.06	21.95	7.1	245
20803	Rock		0.458	1.70	5.24	1.66	13.0	95	0.43	4.36	0.02	0.59	15.97	1.9	272
20804	Rock		0.620		0.28	0.13	1369.2	10	<0.05	1.74	0.01	0.02	1.74	1.2	268
20805	Rock		0.400		0.24	2.09	9235.3	108	0.42	2.80	0.03	0.02	33.35	6.2	284
20806	Rock		0.386		0.27	1.02	>10000	56	0.11	11.33	0.02	<0.02	34.76	31.3	249
20807	Rock		0.233		0.52	0.81	>10000	47	0.17	3.66	<0.01	<0.02	10.12	5.5	211
20808	Rock		0.854		2.94	0.21	>10000	16	0.05	59.72	0.02	0.09	2.54	146.6	174
21151	Rock		0.261		0.56	2.50	623.8	158	0.50	0.16	0.36	0.03	37.62	5.0	243

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
21152	Rock		0.292		0.13	1.79	149.9	87	0.51	0.22	<0.01	<0.02	20.67	1.2	245
21153	Rock		0.190		0.14	0.15	9283.5	10	<0.05	0.10	<0.01	<0.02	2.07	8.9	303
21154	Rock		0.227		0.25	3.24	41.5	103	0.83	12.01	0.41	<0.02	61.38	11.2	161
21155	Rock		0.256		0.19	0.10	19.7	<5	<0.05	0.13	0.02	<0.02	1.10	2.0	288
21156	Rock		0.075		0.07	3.69	39.9	74	0.58	0.17	0.38	0.06	26.73	7.3	177
21157	Rock		0.152		0.21	1.33	82.1	63	0.19	0.32	0.27	0.14	35.22	18.1	219
21158	Rock		0.113		0.15	2.06	20.1	61	0.29	0.73	0.02	<0.02	29.42	1.3	229
21159	Rock		0.376		0.65	1.56	8298.0	72	0.48	17.76	0.05	<0.02	23.91	15.1	263
21160	Rock		0.145		3.75	2.02	3567.1	93	0.28	1.10	0.02	<0.02	29.13	5.3	228
21161	Rock		0.388		0.48	3.07	3724.6	123	0.69	0.66	0.02	0.03	39.95	5.5	187
21162	Rock	34.190	>10		10.69	0.12	>10000	29	<0.05	2046.66	<0.01	0.11	1.31	44.1	78
21163	Rock		0.260		0.46	1.48	>10000	34	0.27	10.16	0.01	<0.02	20.96	4.9	247
21164	Rock		0.216		0.15	2.07	2518.2	84	0.48	8.86	0.01	<0.02	23.24	2.9	228
21165	Rock		0.401		0.46	0.76	>10000	56	0.15	6.40	0.01	<0.02	18.60	27.7	260
21166	Rock		0.435		4.38	1.11	>10000	89	0.56	103.98	0.05	0.38	21.72	83.5	184

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11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20401	Rock	1.78	6.7	1.48	4.59	0.91	1.5	0.01	0.53	8.0	11.2	0.05	311	0.47	0.02
20402	Rock	0.39	3.0	0.27	0.96	1.50	0.3	<0.01	0.11	2.7	1.0	<0.01	21	0.60	<0.01
20403	Rock	0.13	7.2	0.33	0.39	1.35	<0.1	<0.01	0.03	1.1	13.2	<0.01	29	0.62	<0.01
20404	Rock	0.13	2.4	0.31	0.49	1.00	<0.1	<0.01	0.03	0.9	2.8	0.02	62	0.52	0.12
20405	Rock	1.28	6.2	1.89	6.70	0.88	1.7	0.01	0.65	15.9	6.6	0.05	31	0.52	0.70
20406	Rock	1.42	10.0	1.90	7.92	1.17	1.5	0.02	0.44	32.1	29.5	0.33	403	0.41	1.53
20407	Rock	1.04	7.6	1.56	4.56	0.82	1.2	<0.01	0.40	10.9	6.6	0.02	43	0.67	0.57
20651	Rock	1.26	4.8	2.26	3.67	1.95	1.4	0.02	0.29	9.9	2.5	0.03	40	0.86	0.47
20652	Rock	0.20	2.1	1.01	0.60	0.34	0.1	0.06	0.04	9.8	3.1	0.27	2216	0.30	0.01
20653	Rock	1.12	7.8	1.38	3.39	1.28	1.1	0.03	0.43	10.9	12.7	0.04	42	1.17	0.02
20654	Rock	1.13	16.9	0.99	5.51	1.05	0.8	0.02	0.55	10.3	14.7	0.04	29	0.58	0.04
20655	Rock	1.25	5.4	0.98	5.60	1.12	1.5	0.01	0.56	16.1	23.9	0.04	87	0.51	0.04
20656	Rock	0.58	6.8	0.75	3.12	0.90	0.8	<0.01	0.24	8.3	4.9	0.02	62	0.63	0.02
20657	Rock	0.59	3.5	0.51	1.80	1.40	0.7	<0.01	0.12	4.7	9.6	0.01	26	0.58	0.01
20658	Rock	0.60	4.0	0.60	3.65	1.27	0.7	0.01	0.30	8.0	5.2	0.02	30	0.45	0.01
20659	Rock	0.12	9.2	0.64	0.93	1.18	<0.1	<0.01	0.04	1.1	7.4	0.09	72	0.61	<0.01
20660	Rock	0.08	4.8	0.57	0.64	1.41	<0.1	<0.01	0.01	0.8	5.4	0.08	122	0.71	<0.01
20661	Rock	0.20	14.6	0.54	0.84	1.13	<0.1	<0.01	0.07	3.5	18.7	0.03	91	0.53	0.02
20662	Rock	0.36	10.0	1.54	3.43	1.54	0.6	0.01	0.18	7.5	21.4	0.37	470	0.72	0.02
20663	Rock	0.05	6.9	0.40	0.21	1.00	<0.1	<0.01	<0.01	0.7	1.9	0.02	86	0.54	<0.01
20664	Rock	0.60	7.4	0.85	3.22	1.22	0.7	0.02	0.52	9.3	9.3	0.07	154	0.55	0.02
20665	Rock	0.61	8.2	1.06	3.86	1.14	0.9	0.03	0.58	12.0	12.7	0.09	277	0.42	0.02
20666	Rock	0.64	6.9	0.96	3.59	1.30	0.8	0.03	0.53	11.9	12.3	0.08	210	0.61	0.02
20667	Rock	0.56	4.7	0.75	4.13	1.48	1.0	0.01	0.56	12.1	18.4	0.07	54	0.52	0.02
20668	Rock	0.94	10.5	0.64	6.47	1.13	1.4	0.02	0.85	14.7	5.9	0.09	31	0.78	0.03
20669	Rock	0.11	4.3	0.42	0.43	1.36	<0.1	<0.01	0.03	0.6	2.7	<0.01	36	0.66	<0.01
20670	Rock	0.83	20.6	2.39	5.57	1.80	1.1	0.04	0.62	20.3	4.7	0.14	50	0.54	0.04
20671	Rock	0.21	29.2	1.78	1.37	1.32	<0.1	<0.01	0.18	2.1	6.2	0.14	83	0.55	<0.01
20672	Rock	0.87	30.7	2.00	5.90	1.41	0.8	0.02	0.79	8.9	20.7	0.22	136	0.61	0.02
20673	Rock	4.53	27.4	4.35	33.63	1.93	2.9	0.07	4.08	44.1	52.9	1.10	234	0.54	0.16
20674	Rock	3.48	29.2	3.28	22.92	1.72	1.5	0.05	3.10	37.8	34.4	0.69	160	0.61	0.11
20801	Rock	1.14	22.7	1.97	6.33	1.30	1.2	0.02	0.48	12.5	10.6	0.19	481	0.41	1.04
20802	Rock	1.01	15.6	2.74	5.75	1.28	1.0	0.01	0.54	10.4	37.4	0.54	485	0.67	0.06
20803	Rock	0.72	5.9	0.88	3.91	0.92	0.8	0.09	0.47	7.4	5.7	0.03	222	0.67	0.02
20804	Rock	0.12	8.5	0.43	0.34	1.23	0.7	<0.01	0.05	0.9	2.4	<0.01	23	0.55	<0.01
20805	Rock	0.97	18.6	1.84	5.27	1.25	1.9	0.03	0.79	15.0	13.8	0.23	168	0.74	0.03
20806	Rock	0.50	18.9	4.25	3.14	1.70	0.7	0.03	0.36	16.4	4.4	0.12	43	0.51	0.02
20807	Rock	0.46	17.9	1.75	2.72	1.78	0.6	0.02	0.24	5.1	5.8	0.03	25	0.45	<0.01
20808	Rock	0.09	138.8	>10	0.63	2.34	<0.1	0.09	0.05	1.4	4.5	0.02	31	0.58	<0.01
21151	Rock	1.21	17.0	1.46	6.25	1.15	2.0	0.02	0.45	18.3	5.6	0.11	364	0.45	0.95

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11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
21152	Rock	1.09	4.4	0.37	3.82	0.68	0.8	0.01	0.54	9.6	9.7	0.04	46	0.45	0.02
21153	Rock	0.16	4.5	1.00	0.29	1.18	<0.1	0.01	0.05	1.0	1.1	<0.01	25	0.75	<0.01
21154	Rock	0.65	63.4	4.96	8.73	1.89	1.8	0.02	0.41	27.1	27.4	0.04	179	0.73	0.03
21155	Rock	0.06	19.9	0.48	0.32	1.00	<0.1	<0.01	0.01	0.6	5.0	0.02	42	0.66	<0.01
21156	Rock	0.74	19.2	2.90	8.62	1.26	1.0	0.02	0.37	13.3	48.4	0.96	987	0.48	0.92
21157	Rock	0.66	10.7	4.16	3.96	0.44	0.9	0.02	0.29	16.3	17.2	0.24	1671	0.93	0.04
21158	Rock	0.69	9.2	0.91	3.61	0.93	1.2	0.02	0.37	13.9	78.3	0.05	79	0.62	0.02
21159	Rock	0.63	44.0	2.09	4.71	1.23	0.7	0.02	0.31	11.5	17.6	0.06	79	1.22	0.02
21160	Rock	0.67	13.5	1.52	6.45	1.17	1.2	0.02	0.48	14.0	15.8	0.07	81	0.49	0.02
21161	Rock	0.79	18.9	3.00	9.79	1.57	1.4	0.02	0.59	19.7	24.3	0.06	130	0.34	0.02
21162	Rock	0.09	326.5	>10	0.50	1.77	<0.1	0.18	0.03	0.6	1.7	<0.01	7	0.58	<0.01
21163	Rock	0.31	21.7	1.43	4.35	0.96	1.1	0.02	0.15	9.8	16.4	0.02	26	0.52	<0.01
21164	Rock	0.54	8.8	0.80	5.54	0.94	1.2	0.02	0.43	10.6	7.1	0.05	24	0.51	0.02
21165	Rock	0.52	4.0	3.70	2.52	1.65	0.5	0.03	0.30	9.2	4.3	0.05	34	0.62	0.01
21166	Rock	0.75	113.7	>10	3.29	2.06	0.4	0.06	0.34	11.2	14.1	0.14	120	0.62	0.01

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20401	Rock	0.8	10.5	59	3.6	29.3	<0.002	<0.01	0.65	1.8	<1.0	0.6	7.0	0.19	0.10
20402	Rock	0.3	4.6	49	2.5	5.9	<0.002	<0.01	0.62	0.2	<1.0	0.4	4.6	<0.05	0.15
20403	Rock	0.2	5.7	254	12.5	1.8	0.002	<0.01	0.40	<0.1	7.9	0.4	5.9	<0.05	<0.05
20404	Rock	0.2	4.6	45	1.6	1.7	<0.002	<0.01	0.09	<0.1	11.3	0.3	17.0	<0.05	0.10
20405	Rock	1.7	7.3	93	24.8	35.6	<0.002	0.490	1.18	1.8	1.6	0.8	53.5	0.27	0.06
20406	Rock	4.9	14.7	233	13.1	31.4	<0.002	0.107	0.34	3.7	2.5	1.0	62.8	0.49	0.09
20407	Rock	0.9	5.6	82	21.7	23.7	0.002	0.119	2.16	1.7	<1.0	0.6	36.8	0.15	0.15
20651	Rock	0.7	7.9	64	34.2	17.0	<0.002	1.065	12.32	0.8	4.1	0.6	41.7	0.10	0.45
20652	Rock	0.2	4.8	41	14.6	3.0	0.003	<0.01	0.08	5.3	2.4	0.3	280.0	<0.05	0.10
20653	Rock	0.7	4.5	335	100.3	24.6	0.002	0.026	7.43	1.8	1.4	2.2	20.4	0.09	<0.05
20654	Rock	0.9	9.0	121	6.3	28.6	0.003	<0.01	1.83	2.0	1.3	0.7	9.2	0.14	0.10
20655	Rock	1.3	7.3	102	6.6	30.3	<0.002	<0.01	1.13	1.8	1.4	0.7	14.2	0.20	<0.05
20656	Rock	0.8	8.8	83	7.7	13.2	0.003	<0.01	0.46	1.0	9.4	0.5	7.1	0.11	<0.05
20657	Rock	0.5	4.7	363	5.2	6.3	<0.002	0.011	0.83	0.6	1.9	0.5	20.9	0.06	0.09
20658	Rock	0.5	4.6	720	13.6	16.0	<0.002	<0.01	1.53	1.3	2.7	0.5	28.2	0.09	0.10
20659	Rock	0.3	7.3	357	13.4	2.2	<0.002	<0.01	0.15	0.2	10.7	0.4	5.2	<0.05	0.16
20660	Rock	0.3	6.5	168	4.2	0.6	<0.002	0.023	0.45	<0.1	9.4	0.3	2.0	<0.05	<0.05
20661	Rock	0.3	7.2	99	8.1	3.5	<0.002	<0.01	0.17	0.3	<1.0	0.4	6.9	<0.05	<0.05
20662	Rock	0.9	13.5	183	5.7	9.5	<0.002	0.025	0.55	1.8	7.3	0.5	7.5	0.06	0.17
20663	Rock	0.2	4.7	43	3.1	0.3	<0.002	0.037	0.49	<0.1	15.3	0.3	1.3	<0.05	0.14
20664	Rock	0.6	6.3	88	12.7	26.8	0.003	0.317	4.48	0.9	2.7	6.7	8.6	0.07	0.16
20665	Rock	0.7	8.4	99	14.8	29.0	<0.002	0.355	4.10	1.3	11.5	6.6	11.2	0.09	0.15
20666	Rock	0.8	7.7	87	7.0	27.9	0.002	0.315	6.75	1.1	13.9	6.2	9.7	0.08	0.22
20667	Rock	0.8	6.9	72	14.9	28.7	<0.002	0.107	1.71	0.9	5.7	6.1	3.9	0.10	<0.05
20668	Rock	2.1	4.3	69	6.0	42.1	<0.002	0.148	0.91	1.8	4.2	8.4	15.2	0.22	0.06
20669	Rock	0.3	5.5	<10	2.1	1.4	<0.002	<0.01	0.31	<0.1	1.8	0.5	1.6	<0.05	<0.05
20670	Rock	1.7	6.0	79	11.6	32.1	0.003	1.487	3.75	1.7	2.3	8.7	8.8	0.16	0.11
20671	Rock	0.3	11.5	67	6.3	8.7	<0.002	0.945	1.08	0.3	1.8	2.3	2.6	<0.05	0.10
20672	Rock	0.9	6.2	58	6.2	38.2	0.003	0.592	1.35	1.4	2.0	6.3	6.2	0.08	0.08
20673	Rock	6.8	33.1	298	9.4	239.6	0.004	0.055	2.22	17.6	1.1	8.7	65.4	0.90	0.27
20674	Rock	4.0	23.2	272	7.6	162.7	<0.002	0.126	1.68	11.9	<1.0	5.9	44.1	0.51	0.10
20801	Rock	0.9	16.2	96	5.9	24.9	0.002	0.185	1.32	2.5	6.8	0.6	67.8	0.10	0.07
20802	Rock	1.0	18.5	99	13.4	30.6	0.003	0.369	2.70	2.4	5.0	8.1	8.4	0.11	0.15
20803	Rock	0.7	5.8	96	>10000	23.1	0.002	0.118	6.27	1.2	19.8	0.7	8.3	0.08	0.31
20804	Rock	0.3	3.5	45	14.6	2.4	0.004	0.081	1.41	<0.1	<1.0	0.7	2.2	<0.05	0.24
20805	Rock	1.3	9.8	74	45.2	37.1	0.003	0.621	5.18	1.8	<1.0	5.8	6.3	0.21	0.14
20806	Rock	0.6	14.5	45	22.9	16.2	0.004	2.754	17.22	0.8	3.6	3.5	8.4	0.07	0.29
20807	Rock	0.5	4.6	52	10.3	11.7	0.002	0.638	6.06	1.0	1.6	2.4	8.0	0.06	0.18
20808	Rock	0.4	24.8	58	100.0	2.8	<0.002	9.543	80.64	0.2	7.1	1.1	2.8	<0.05	2.45
21151	Rock	1.2	12.6	88	11.7	25.5	0.003	0.298	1.21	2.4	<1.0	0.8	34.4	0.16	0.13

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11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
21152	Rock	0.9	4.1	37	7.1	30.6	<0.002	<0.01	0.64	1.0	<1.0	1.3	8.9	0.11	0.09
21153	Rock	0.3	15.1	<10	11.4	3.1	0.002	0.455	6.14	<0.1	2.2	0.9	1.7	<0.05	0.45
21154	Rock	1.7	17.1	2647	12.7	19.9	0.002	1.247	1.66	5.4	2.2	1.2	56.1	0.18	0.13
21155	Rock	0.2	6.0	50	5.2	0.7	0.002	0.031	0.19	<0.1	1.2	0.3	1.3	<0.05	<0.05
21156	Rock	0.9	21.6	316	7.7	19.8	<0.002	0.063	0.53	5.8	1.0	0.7	35.9	0.11	0.15
21157	Rock	1.1	24.3	298	104.5	17.3	0.005	2.280	3.19	3.9	<1.0	0.5	14.6	0.10	0.22
21158	Rock	0.9	6.7	107	8.5	19.1	<0.002	0.255	1.21	1.1	<1.0	2.9	6.3	0.09	0.05
21159	Rock	0.9	17.3	237	38.7	17.2	0.003	1.286	8.73	1.2	1.2	2.2	14.4	0.09	0.33
21160	Rock	1.0	9.1	100	7.9	23.9	0.002	0.490	2.68	1.2	1.2	4.1	4.9	0.11	0.14
21161	Rock	1.1	13.8	150	7.4	28.8	0.002	0.425	4.25	2.1	<1.0	2.5	30.6	0.13	0.12
21162	Rock	0.6	7.4	68	603.1	1.8	<0.002	>10	179.17	0.1	41.5	0.8	1.2	<0.05	5.61
21163	Rock	0.7	4.4	121	9.0	7.4	<0.002	0.403	5.45	1.0	<1.0	1.7	7.2	0.09	0.22
21164	Rock	0.8	5.8	86	7.8	20.5	0.002	0.197	2.00	1.5	1.2	3.7	8.3	0.08	0.16
21165	Rock	0.5	15.5	41	14.6	15.2	<0.002	2.039	18.00	0.7	4.2	4.1	4.4	<0.05	0.51
21166	Rock	0.8	26.8	115	138.7	19.4	0.002	7.390	57.79	1.8	4.1	2.9	22.7	0.06	1.32

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11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20401	Rock	5.9	0.018	0.17	0.9	34	1.5	2.3	29	32.3
20402	Rock	1.1	0.007	0.04	0.2	28	0.3	0.8	3	10.3
20403	Rock	0.2	<0.005	0.02	<0.1	27	0.2	0.6	4	1.1
20404	Rock	0.5	<0.005	<0.02	<0.1	24	0.1	0.8	3	2.4
20405	Rock	8.9	0.050	0.22	1.1	44	0.2	3.9	6	59.8
20406	Rock	14.5	0.129	0.18	1.9	45	0.5	11.9	41	56.0
20407	Rock	5.5	0.019	0.16	0.9	38	0.2	2.3	5	35.5
20651	Rock	7.2	0.015	0.10	1.1	32	1.4	2.6	6	49.3
20652	Rock	0.4	<0.005	0.02	<0.1	28	0.1	53.0	6	6.5
20653	Rock	9.9	0.016	0.15	1.6	36	1.3	3.5	84	46.3
20654	Rock	6.9	0.021	0.16	1.2	40	0.9	1.7	21	27.7
20655	Rock	7.2	0.033	0.17	1.2	44	1.7	2.8	17	51.7
20656	Rock	4.6	0.016	0.08	1.1	35	0.4	2.0	37	30.3
20657	Rock	3.4	0.010	0.04	1.0	30	0.6	1.9	6	25.8
20658	Rock	4.1	0.015	0.10	1.0	38	3.0	2.7	11	27.8
20659	Rock	0.4	<0.005	<0.02	<0.1	28	0.1	0.9	9	1.7
20660	Rock	0.4	<0.005	<0.02	<0.1	29	0.1	0.7	7	4.4
20661	Rock	0.7	0.007	0.03	0.3	28	0.1	0.8	14	4.1
20662	Rock	3.0	0.023	0.07	0.7	40	0.2	2.6	32	25.1
20663	Rock	0.3	<0.005	<0.02	<0.1	26	0.2	0.3	6	1.5
20664	Rock	5.8	0.015	0.13	0.7	36	0.7	1.8	13	23.9
20665	Rock	7.1	0.018	0.14	0.9	38	0.7	2.6	24	30.7
20666	Rock	6.4	0.020	0.15	0.8	37	0.8	2.3	17	28.6
20667	Rock	6.5	0.022	0.12	1.0	38	0.8	2.5	16	38.5
20668	Rock	5.4	0.037	0.20	1.1	44	0.9	3.9	9	53.6
20669	Rock	0.5	<0.005	<0.02	<0.1	29	<0.1	0.3	5	3.3
20670	Rock	7.4	0.051	0.15	0.8	41	1.7	3.8	8	40.9
20671	Rock	0.8	<0.005	0.05	0.2	30	0.2	1.3	8	2.9
20672	Rock	4.7	0.020	0.17	0.8	38	0.6	2.9	15	23.9
20673	Rock	21.2	0.214	1.07	3.6	135	1.4	8.9	74	103.7
20674	Rock	13.3	0.132	0.78	2.2	98	1.0	6.2	43	56.3
20801	Rock	6.4	0.027	0.12	1.0	45	1.2	5.7	25	42.3
20802	Rock	5.0	0.027	0.18	0.9	45	0.5	2.9	65	34.9
20803	Rock	4.5	0.017	0.17	1.0	34	0.4	2.1	229	30.2
20804	Rock	0.7	<0.005	0.02	<0.1	24	0.2	0.2	3	2.0
20805	Rock	8.7	0.027	0.17	1.3	39	0.7	3.6	11	50.3
20806	Rock	4.2	0.013	0.08	0.6	31	2.0	2.1	5	22.2
20807	Rock	4.8	0.013	0.07	0.5	33	0.4	1.4	3	22.4
20808	Rock	0.5	<0.005	0.07	<0.1	28	0.5	0.5	5	2.9
21151	Rock	11.2	0.033	0.14	1.6	47	1.2	5.0	21	67.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21152	Rock	4.0	0.019	0.20	0.9	31	0.4	1.9	6	26.5
21153	Rock	0.4	<0.005	0.02	<0.1	28	0.3	0.2	2	4.1
21154	Rock	10.4	0.051	0.13	2.3	56	0.6	10.6	25	72.4
21155	Rock	<0.2	<0.005	<0.02	<0.1	28	0.1	0.2	6	1.1
21156	Rock	5.9	0.026	0.10	1.0	50	0.3	4.3	49	33.5
21157	Rock	8.7	0.037	0.13	0.9	38	0.2	4.1	38	33.6
21158	Rock	6.3	0.023	0.11	0.9	34	0.5	3.0	4	43.8
21159	Rock	5.5	0.020	0.16	1.0	37	0.8	2.7	14	23.1
21160	Rock	9.0	0.026	0.14	1.0	39	1.2	2.9	15	36.1
21161	Rock	14.0	0.030	0.15	1.3	53	0.9	3.9	39	46.3
21162	Rock	0.5	<0.005	0.04	0.1	25	0.1	0.2	4	2.2
21163	Rock	7.6	0.016	0.05	1.3	33	0.8	2.4	10	37.4
21164	Rock	6.8	0.023	0.10	1.2	36	0.7	2.6	7	43.7
21165	Rock	3.0	0.010	0.07	0.4	34	0.5	1.6	6	17.6
21166	Rock	2.8	0.020	0.10	0.6	40	1.0	3.1	23	15.2

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11-360-05633-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20401	Rock				0.25	1.84	126.5	78	0.61	0.09	0.01	0.12	17.43	5.2	196
20401 Dup					0.30	1.95	135.6	80	0.68	0.09	0.01	0.10	24.11	5.4	220
QCV1108-00422-0002-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					61.24										
20662	Rock				0.20	1.09	8.4	37	0.25	0.13	0.05	<0.02	14.16	5.8	269
20662 Dup					0.08	1.07	8.7	38	0.28	0.14	0.05	0.04	13.72	5.0	299
QCV1108-00422-0005-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-OREAS94-4A expected					3.37					8.02				23.1	
STD-OREAS94-4A result					3.39		10.0	387	2.25	8.06		0.13	82.04	22.8	
20806	Rock				0.27	1.02	>10000	56	0.11	11.33	0.02	<0.02	34.76	31.3	249
20806 Dup					0.33	1.07	>10000	59	0.16	12.27	0.02	<0.02	36.80	32.7	259
QCV1108-00422-0008-BLK					<0.01	<0.01	0.5	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					60.58										
21166	Rock				4.38	1.11	>10000	89	0.56	103.98	0.05	0.38	21.72	83.5	184
21166 Dup					4.46	1.11	>10000	87	0.49	100.42	0.05	0.39	20.76	83.2	187
QCV1108-00422-0011-BLK					<0.01	<0.01	0.5	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-OREAS94-4A expected					3.37					8.02				23.1	
STD-OREAS94-4A result					3.54		11.0	448	2.91	8.06		0.15	92.46	23.1	
20401	Rock		0.080												
20401 Dup			0.094												
20662	Rock		0.179												
20662 Dup			0.165												
QCV1108-01226-0004-BLK			<0.005												
20806	Rock		0.386												
20806 Dup			0.395												
21166	Rock		0.435												
21166 Dup			0.418												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20401	Rock	1.78	6.7	1.48	4.59	0.91	1.5	0.01	0.53	8.0	11.2	0.05	311	0.47	0.02
20401 Dup		1.93	8.7	1.64	5.08	0.88	1.2	0.01	0.54	10.9	12.6	0.06	342	0.60	0.02
QCV1108-00422-0002-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1000.0												
20662	Rock	0.36	10.0	1.54	3.43	1.54	0.6	0.01	0.18	7.5	21.4	0.37	470	0.72	0.02
20662 Dup		0.36	10.3	1.54	3.27	1.51	0.7	0.01	0.17	7.4	20.0	0.36	464	0.72	0.02
QCV1108-00422-0005-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-OREAS94-4A expected			11400												
STD-OREAS94-4A result		6.23	>10000		18.18		3.3	1.11		40.1	26.6			0.78	
20806	Rock	0.50	18.9	4.25	3.14	1.70	0.7	0.03	0.36	16.4	4.4	0.12	43	0.51	0.02
20806 Dup		0.53	19.0	4.35	3.22	1.82	0.7	0.03	0.36	17.7	4.6	0.13	46	0.57	0.02
QCV1108-00422-0008-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1021.7												
21166	Rock	0.75	113.7	>10	3.29	2.06	0.4	0.06	0.34	11.2	14.1	0.14	120	0.62	0.01
21166 Dup		0.73	115.0	>10	3.29	2.02	0.4	0.05	0.34	10.7	13.5	0.14	123	0.65	0.01
QCV1108-00422-0011-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-OREAS94-4A expected			11400												
STD-OREAS94-4A result		7.61	>10000		20.20		3.4	1.19		45.1	27.7			0.85	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20401	Rock	0.8	10.5	59	3.6	29.3	<0.002	<0.01	0.65	1.8	<1.0	0.6	7.0	0.19	0.10
20401 Dup		1.0	11.8	61	3.8	31.5	0.002	0.014	0.67	1.9	1.4	0.6	7.9	0.19	<0.05
QCV1108-00422-0002-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20662	Rock	0.9	13.5	183	5.7	9.5	<0.002	0.025	0.55	1.8	7.3	0.5	7.5	0.06	0.17
20662 Dup		0.8	12.6	186	5.2	9.1	<0.002	0.025	0.52	1.7	8.7	0.5	7.4	0.05	<0.05
QCV1108-00422-0005-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-OREAS94-4A expected					30.9			1.380	2.36		12.9	22.6			
STD-OREAS94-4A result		13.0	41.6		30.5	177.7	0.004	1.337	2.37	11.8	13.8	20.5	32.3	1.26	0.10
20806	Rock	0.6	14.5	45	22.9	16.2	0.004	2.754	17.22	0.8	3.6	3.5	8.4	0.07	0.29
20806 Dup		0.6	14.3	49	25.6	17.1	0.004	2.808	17.81	0.8	2.4	3.8	8.7	0.07	0.31
QCV1108-00422-0008-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
21166	Rock	0.8	26.8	115	138.7	19.4	0.002	7.390	57.79	1.8	4.1	2.9	22.7	0.06	1.32
21166 Dup		0.7	26.2	116	137.2	18.9	<0.002	7.532	56.47	1.7	4.9	2.8	22.2	0.05	1.17
QCV1108-00422-0011-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-OREAS94-4A expected					30.9			1.380	2.36		12.9	22.6			
STD-OREAS94-4A result		14.3	43.1		31.8	188.9	0.004	1.325	2.50	12.3	13.7	22.9	35.1	1.25	0.22

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20401	Rock	5.9	0.018	0.17	0.9	34	1.5	2.3	29	32.3
20401 Dup		6.3	0.025	0.18	1.1	39	1.6	2.9	31	42.0
QCV1108-00422-0002-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20662	Rock	3.0	0.023	0.07	0.7	40	0.2	2.6	32	25.1
20662 Dup		3.0	0.020	0.06	0.7	39	0.2	2.5	30	22.2
QCV1108-00422-0005-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected									171	
STD-OREAS94-4A result		16.7		0.82	3.3			24.1	171	117.0
20806	Rock	4.2	0.013	0.08	0.6	31	2.0	2.1	5	22.2
20806 Dup		4.7	0.014	0.10	0.7	33	2.1	2.3	5	26.7
QCV1108-00422-0008-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
21166	Rock	2.8	0.020	0.10	0.6	40	1.0	3.1	23	15.2
21166 Dup		2.8	0.018	0.13	0.6	40	0.9	3.1	21	13.9
QCV1108-00422-0011-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected									171	
STD-OREAS94-4A result		17.4		0.88	3.4			25.8	170	126.9

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Inspectorate Exploration & Mining Services Ltd.
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Richmond, British Columbia V7A 4V5 Canada
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Distribution List

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EMail: ghayes@northern-tiger.com

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Attention: Melanie Debnam

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 1**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	88	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS
Vancouver, BC	Pb-4A-OR-AA	Pb, Ore Grade, 4 Acid, AA

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20809	Rock	0.296		2.19	1.76	>10000	58	0.39	87.81	0.03	0.12	21.00	28.3	119	0.52
20810	Rock	<0.005		0.36	0.23	217.4	26	0.06	0.53	<0.01	<0.02	5.60	1.2	257	0.10
20811	Rock	<0.005		0.17	3.28	145.1	71	0.59	1.45	0.02	0.02	33.58	10.8	158	0.31
20812	Rock	0.009		0.14	3.72	60.3	91	0.59	1.39	0.06	0.07	28.12	8.1	165	0.76
20813	Rock	0.053		0.17	2.48	33.6	44	0.30	1.46	0.01	<0.02	16.56	2.0	214	0.66
20814	Rock	0.078		0.17	1.82	262.8	182	0.24	0.35	0.01	<0.02	22.30	1.7	199	0.93
20815	Rock	0.753		0.23	2.28	7321.4	32	0.28	0.17	0.08	0.16	21.70	4.1	221	0.42
20816	Rock	0.913		0.17	5.31	5907.4	99	0.57	0.17	0.31	0.11	54.08	7.5	181	1.05
20817	Rock	3.888		0.36	3.40	4647.2	27	0.34	0.96	0.08	0.03	38.58	11.2	181	0.22
20818	Rock	0.060		0.15	2.04	320.7	21	0.26	0.07	0.14	0.03	27.67	2.6	276	0.28
20819	Rock	0.128		0.30	7.67	184.8	508	1.85	0.58	0.06	0.02	70.84	1.1	72	3.74
20820	Rock	0.058		0.13	1.88	2305.0	53	0.34	5.21	0.05	0.03	23.19	9.7	222	0.98
20821	Rock	<0.005		0.08	2.08	20.8	83	0.29	0.34	0.02	<0.02	22.30	1.2	220	0.84
20822	Rock	<0.005		0.12	2.85	11.4	91	0.42	0.24	0.04	0.02	29.21	4.5	192	0.72
20823	Rock	<0.005		0.09	3.12	18.3	165	0.29	0.20	0.43	<0.02	52.42	5.4	246	0.63
20824	Rock	<0.005		0.15	3.54	74.9	81	1.46	1.21	0.07	<0.02	38.66	15.9	201	0.75
20825	Rock	0.050		0.08	1.51	1915.8	46	0.32	0.07	0.03	0.05	16.00	1.8	236	0.46
20826	Rock	<0.005		0.25	1.10	12.1	23	0.13	0.10	0.44	0.12	3.51	4.7	263	0.42
20827	Rock	0.014		0.10	2.54	63.4	21	0.15	0.11	0.08	<0.02	30.97	4.0	171	0.47
20828	Rock	0.045		0.14	1.25	1444.4	12	0.17	0.13	0.02	0.13	10.25	2.8	253	0.37
20829	Rock	0.510		0.34	5.51	>10000	83	0.97	0.35	0.08	0.06	46.85	3.8	194	1.23
20830	Rock	0.350		2.13	0.20	1218.1	24	<0.05	2.01	0.02	0.32	3.46	24.4	287	0.14
20831	Rock	0.386		0.43	2.26	>10000	119	0.24	0.44	0.20	0.07	22.39	4.4	199	0.66
20832	Rock	0.578		0.38	0.13	>10000	14	<0.05	0.30	0.49	0.02	1.94	4.3	290	0.13
20833	Rock	0.410		21.95	0.23	225.2	17	0.08	0.40	0.27	54.43	8.03	3.7	241	0.15
20834	Rock	0.303		0.57	0.73	8444.8	52	0.23	0.11	0.15	0.12	9.87	5.9	269	0.50
20835	Rock	3.199		1.25	2.01	>10000	91	0.42	0.29	0.44	0.20	23.12	7.3	195	1.10
20836	Rock	0.060		0.18	3.09	867.7	131	0.39	0.08	0.46	0.02	32.82	5.2	232	1.01
20837	Rock	0.039		0.19	3.39	422.2	204	0.53	0.08	0.82	0.06	42.51	6.3	230	1.40
20838	Rock	<0.005		0.11	3.16	40.2	68	0.47	0.08	0.07	0.04	29.81	6.7	227	0.69
20839	Rock	0.550		0.46	1.44	9956.4	47	0.42	0.68	0.02	0.23	9.42	1.5	240	0.94
20840	Rock	0.009		1.35	0.21	78.4	12	0.12	0.71	<0.01	0.07	0.63	0.6	235	0.18
21167	Rock	0.999		4.07	0.29	>10000	10	0.13	153.58	0.01	0.12	5.76	43.6	84	0.07
21168	Rock	0.026		2.09	0.66	>10000	41	0.21	48.66	0.02	0.12	9.44	97.7	221	0.22
21169	Rock	0.355		9.25	1.79	>10000	97	0.24	328.12	0.02	0.07	22.78	4.5	200	0.65
21170	Rock	<0.005		0.51	2.17	251.5	100	0.37	2.07	0.28	<0.02	21.45	8.7	242	0.86
21171	Rock	<0.005		0.25	0.59	48.4	27	0.18	0.65	0.01	<0.02	8.47	2.2	279	0.36
21172	Rock	0.328		0.35	1.87	899.3	22	0.20	1.19	0.04	0.02	9.69	4.6	222	0.29
21173	Rock	0.716		0.80	3.23	809.8	38	0.35	1.12	0.02	0.02	34.84	12.0	193	0.43
21174	Rock	0.136		0.47	8.21	402.1	484	1.45	2.48	0.06	<0.02	68.74	2.5	88	3.86

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
21175	Rock	0.007		1.18	6.09	13.6	249	1.16	1.40	0.18	0.03	39.54	9.5	193	2.95
21176	Rock	0.161		0.61	8.98	273.5	433	1.55	1.13	0.04	0.03	76.10	0.9	72	18.26
21177	Rock	<0.005		0.24	2.55	16.5	89	0.35	0.33	0.77	0.03	29.14	4.3	219	0.69
21178	Rock	<0.005		0.57	2.90	27.0	129	0.62	1.03	0.09	<0.02	27.72	6.7	187	1.35
21179	Rock	0.126		0.41	1.95	>10000	62	0.39	0.27	0.04	0.28	15.57	2.8	241	0.66
21180	Rock	0.009		0.16	2.72	324.1	122	0.75	0.21	0.27	0.07	21.74	6.5	285	1.15
21181	Rock	0.044		0.18	2.08	4157.7	72	0.40	0.12	0.03	0.07	22.84	3.2	206	0.88
21182	Rock	0.013		0.82	7.99	39.1	509	2.10	11.00	0.07	<0.02	77.79	20.1	122	2.94
21183	Rock	0.026		0.25	3.78	1859.6	21	0.28	0.12	0.05	0.06	25.52	2.4	220	0.41
21184	Rock	0.052		0.40	3.44	1582.0	21	0.21	0.13	0.04	<0.02	36.07	3.1	203	0.38
21185	Rock	<0.005		0.30	5.04	19.7	151	0.49	0.32	0.24	<0.02	46.16	31.0	144	0.91
21186	Rock	<0.005		1.28	3.38	20.2	313	0.65	1.58	1.26	0.15	24.58	24.4	146	1.03
21187	Rock	0.779	1.10	22.02	2.38	7073.4	83	0.41	1.18	0.26	60.35	22.26	6.8	143	0.80
21188	Rock	2.794	1.64	38.76	2.30	2866.8	104	0.38	1.47	0.02	19.08	20.52	3.8	164	0.84
21189	Rock	0.079		4.13	0.49	124.8	34	0.10	0.88	0.50	11.80	7.61	4.4	241	0.25
21190	Rock	0.011		0.30	2.41	48.3	62	0.41	0.35	0.03	0.14	18.58	4.9	227	0.83
20675	Rock	0.011		0.72	7.99	66.3	257	1.66	0.71	0.07	0.11	53.91	140.8	148	2.40
20676	Rock	<0.005		0.24	2.56	29.1	123	0.45	0.11	0.01	0.03	33.28	1.2	157	1.10
20677	Rock	<0.005		0.24	2.34	11.3	122	0.27	0.43	0.02	0.03	27.06	0.8	116	1.04
20678	Rock	<0.005		0.48	2.70	41.1	73	0.51	0.69	0.02	1.25	23.46	8.2	188	0.44
20679	Rock	<0.005		0.26	1.76	33.0	80	0.33	0.38	0.02	0.03	21.68	1.1	233	0.83
20680	Rock	0.005		0.22	4.13	65.2	254	0.54	0.97	0.01	<0.02	37.62	0.9	143	2.43
20681	Rock	<0.005		0.43	0.76	6.7	21	0.21	0.05	0.02	<0.02	11.82	8.5	291	0.28
20682	Rock	<0.005		0.22	0.41	111.8	7	0.07	0.15	0.04	0.03	3.41	1.4	180	0.16
20683	Rock	0.009		0.59	0.30	11.2	24	0.08	0.41	0.02	0.13	3.55	1.0	240	0.27
20684	Rock	<0.005		0.33	2.44	180.4	74	0.34	0.36	0.01	<0.02	18.97	0.9	189	1.05
20685	Rock	<0.005		1.93	0.10	61.2	6	<0.05	0.04	<0.01	0.03	0.76	0.9	247	0.06
20686	Rock	<0.005		0.71	0.23	41.6	7	0.07	0.04	0.01	0.02	2.36	1.6	200	0.11
20687	Rock	<0.005		2.22	0.23	62.2	13	<0.05	0.05	0.14	0.04	1.60	3.2	334	0.19
20688	Rock	0.008		0.73	0.09	287.4	7	<0.05	0.08	0.02	0.02	0.95	1.0	186	0.12
20689	Rock	<0.005		0.62	0.70	64.4	37	0.15	0.05	0.05	<0.02	7.54	2.3	281	0.83
20690	Rock	<0.005		0.61	0.79	15.0	46	0.20	0.13	0.04	0.12	10.57	2.4	303	0.70
20691	Rock	0.007		0.23	1.95	225.2	18	0.17	0.07	0.02	<0.02	27.44	2.2	255	0.46
20692	Rock	<0.005		0.12	1.46	428.4	16	0.07	0.05	0.02	0.03	16.18	1.5	293	0.18
20693	Rock	<0.005		0.81	3.92	31.3	120	1.01	6.13	0.65	0.03	17.42	37.3	208	1.49
20694	Rock	0.078		0.26	0.08	23.7	6	<0.05	0.16	0.03	0.02	0.88	28.8	264	0.06
20695	Rock	0.132		0.37	0.09	908.0	8	0.06	0.14	0.02	0.03	0.81	1.2	234	0.08
20696	Rock	<0.005		8.47	2.68	>10000	163	0.42	0.28	0.14	2.49	26.90	6.6	194	1.58
20697	Rock	0.043		0.64	2.65	143.3	125	0.42	0.08	1.79	0.02	35.61	4.9	234	0.98
20698	Rock	0.057		0.33	3.17	566.1	160	0.41	0.09	0.72	0.06	49.33	5.8	220	1.32

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20699	Rock	<0.005		0.10	0.76	14.9	80	0.20	0.05	>10	0.03	15.44	1.5	11	0.46
20700	Rock	<0.005		0.32	0.54	13.9	46	0.16	0.05	>10	<0.02	8.14	1.9	10	0.34
20701	Rock	<0.005		0.09	2.06	22.2	83	0.46	0.09	0.10	0.03	21.47	3.7	282	2.40
20702	Rock	0.023		0.15	3.42	69.3	103	0.79	0.12	0.05	0.04	24.16	9.5	230	3.34
20703	Rock	<0.005		0.27	1.87	100.1	64	0.41	0.09	0.02	0.04	20.95	1.6	255	1.27
20704	Rock	<0.005		0.41	2.03	20.1	20	0.20	0.09	0.35	0.10	13.72	5.8	275	0.31
20705	Rock	0.006		0.19	1.08	51.2	10	0.11	0.04	0.03	0.03	3.92	2.1	278	0.13
20706	Rock	0.007		2.40	0.90	10.5	60	0.27	0.09	0.02	4.10	3.36	7.4	249	0.69

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20809	Rock	226.8	>10	4.42	1.48	0.8	0.09	0.85	9.7	9.6	0.11	49	0.38	0.03	1.1
20810	Rock	102.8	0.42	0.54	0.84	0.3	0.03	0.05	2.6	1.1	<0.01	41	0.73	<0.01	0.3
20811	Rock	44.7	3.97	7.63	1.21	1.7	0.02	0.38	16.0	26.7	0.03	244	0.40	0.01	1.0
20812	Rock	107.1	4.65	7.61	1.06	1.2	0.03	0.82	12.7	12.5	0.16	337	0.53	0.03	1.0
20813	Rock	11.9	1.43	5.61	1.02	1.0	0.03	0.42	7.5	10.4	0.05	39	0.93	0.01	1.8
20814	Rock	12.8	0.92	4.49	0.97	0.9	0.03	0.64	10.2	6.4	0.10	28	0.68	0.04	0.8
20815	Rock	6.7	1.75	4.21	0.95	1.0	0.02	0.13	10.3	20.1	0.34	338	0.70	1.00	0.7
20816	Rock	12.2	3.20	11.20	1.00	3.1	0.03	0.52	25.4	44.0	0.95	879	0.43	1.85	1.5
20817	Rock	5.7	1.38	4.61	1.30	1.9	0.01	0.05	17.3	23.3	0.28	279	0.59	2.03	1.4
20818	Rock	4.0	0.76	2.80	0.91	1.4	0.01	0.06	12.6	20.0	0.09	489	0.82	1.07	1.2
20819	Rock	4.8	1.69	15.09	1.32	3.7	0.03	2.65	33.7	7.9	0.16	21	2.49	1.67	9.5
20820	Rock	14.3	1.43	3.60	0.54	1.0	0.01	0.44	10.8	16.2	0.03	66	1.00	0.03	0.6
20821	Rock	17.2	1.71	4.75	0.98	1.5	0.02	0.81	10.3	6.6	0.06	62	0.59	0.03	0.9
20822	Rock	11.7	2.25	6.15	1.10	0.9	0.02	0.62	12.9	22.9	0.44	190	0.45	0.47	1.0
20823	Rock	19.5	1.54	5.75	0.82	1.2	0.02	0.52	24.1	18.8	0.35	272	0.69	1.08	1.3
20824	Rock	99.0	4.24	8.21	1.33	1.2	0.07	0.56	18.3	13.1	0.45	128	0.56	0.18	2.6
20825	Rock	4.4	0.72	2.99	1.07	0.9	<0.01	0.28	7.2	1.4	0.02	48	0.69	0.68	0.6
20826	Rock	6.0	1.76	3.02	1.33	0.1	<0.01	0.09	1.8	44.9	0.33	434	0.63	0.02	0.4
20827	Rock	3.5	1.15	3.25	0.13	1.6	0.01	0.07	13.7	7.4	0.02	639	1.03	1.68	0.8
20828	Rock	5.0	0.80	1.91	1.29	0.5	0.03	0.03	4.8	64.0	0.02	268	0.58	0.64	0.5
20829	Rock	3.0	1.84	8.63	1.25	3.2	0.03	0.55	21.6	1.9	0.04	44	0.82	2.93	1.4
20830	Rock	109.1	1.89	0.69	0.08	0.2	0.02	0.07	1.7	7.7	<0.01	52	0.68	0.01	0.3
20831	Rock	4.2	2.30	4.03	0.58	0.8	0.03	0.43	10.6	3.9	0.06	117	0.59	0.77	0.5
20832	Rock	4.9	2.00	0.54	0.37	<0.1	0.02	0.06	0.8	0.8	0.10	349	0.79	0.01	0.2
20833	Rock	38.4	2.96	0.83	0.92	<0.1	0.32	0.09	3.3	0.9	0.01	362	0.66	0.04	0.2
20834	Rock	18.7	1.59	2.02	0.21	0.2	0.01	0.31	4.4	1.3	0.04	166	0.60	0.06	0.3
20835	Rock	8.0	7.51	4.37	0.75	0.7	0.07	0.61	10.3	2.8	0.10	185	0.61	0.34	0.6
20836	Rock	8.1	1.61	6.51	0.71	1.0	0.02	0.71	15.1	14.1	0.16	148	0.51	0.82	0.8
20837	Rock	6.8	1.39	8.48	0.48	2.0	0.02	1.03	19.4	12.0	0.14	353	0.57	0.65	1.1
20838	Rock	9.2	1.99	6.16	0.47	1.6	0.01	0.41	13.3	25.9	0.33	244	0.56	0.93	0.9
20839	Rock	20.7	1.12	2.23	1.07	0.5	0.01	0.18	4.1	19.3	0.02	34	0.77	0.03	0.4
20840	Rock	9.4	0.30	0.71	1.24	<0.1	0.02	0.07	<0.5	1.5	<0.01	22	0.58	<0.01	0.2
21167	Rock	50.2	>10	0.89	1.34	0.2	0.18	0.05	2.8	3.5	0.03	9	0.43	0.01	0.5
21168	Rock	19.5	7.75	2.02	2.33	0.2	0.09	0.24	4.9	6.6	0.09	37	0.61	<0.01	0.6
21169	Rock	207.4	4.14	5.94	1.46	1.9	0.07	0.55	10.7	8.7	0.04	27	0.69	0.02	1.1
21170	Rock	9.3	0.60	5.15	0.90	1.4	0.01	0.58	9.8	5.9	0.03	22	0.84	0.02	1.3
21171	Rock	9.3	0.68	1.66	0.93	0.2	0.01	0.17	4.4	10.0	0.05	59	0.91	0.02	0.5
21172	Rock	52.3	2.60	2.69	1.34	0.7	0.02	0.08	4.6	14.5	0.05	94	0.73	<0.01	1.0
21173	Rock	26.7	6.13	9.81	1.42	1.7	0.02	0.23	16.9	103.3	1.01	439	0.64	0.02	1.1
21174	Rock	4.1	2.72	17.01	1.66	4.6	0.04	2.57	33.6	7.9	0.17	30	0.58	2.13	7.0

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
21175	Rock	41.4	3.48	15.39	1.51	4.6	0.05	1.65	20.0	51.2	0.66	455	3.07	0.37	5.6
21176	Rock	12.9	1.51	17.61	2.04	3.3	0.04	3.51	37.7	43.5	0.18	33	0.66	0.08	6.8
21177	Rock	19.1	2.09	5.30	0.95	1.0	0.02	0.50	13.9	27.8	0.37	534	0.51	0.51	0.8
21178	Rock	39.7	2.95	6.79	1.10	1.1	0.02	0.82	12.8	16.8	0.18	205	0.55	0.02	1.2
21179	Rock	3.9	1.18	4.24	1.81	0.9	0.02	0.30	7.1	2.3	0.02	45	0.63	0.94	0.6
21180	Rock	7.1	1.47	6.24	1.48	1.0	0.01	0.67	10.9	8.9	0.10	537	0.80	0.82	1.0
21181	Rock	4.2	0.87	5.04	1.37	1.7	0.01	0.51	10.6	2.8	0.04	67	0.81	0.70	0.9
21182	Rock	115.6	8.94	20.46	2.84	1.9	0.08	2.61	37.7	55.5	0.78	328	0.35	0.15	7.6
21183	Rock	4.3	1.05	4.36	1.37	1.0	0.01	0.09	11.5	81.2	0.02	1131	0.74	2.28	0.6
21184	Rock	6.2	0.87	3.96	1.05	2.4	0.01	0.12	17.5	9.7	0.02	196	0.52	2.49	1.2
21185	Rock	11.1	5.34	10.30	1.21	1.6	0.03	1.05	19.8	46.2	0.79	308	0.33	1.20	1.5
21186	Rock	29.7	3.82	7.60	1.73	1.6	0.03	1.28	12.3	39.1	0.86	1253	0.54	0.09	1.6
21187	Rock	22.3	2.60	4.10	1.31	0.6	0.33	0.65	10.2	3.0	0.14	121	0.38	0.62	0.6
21188	Rock	36.2	4.92	4.68	1.26	0.7	0.69	0.75	9.4	3.0	0.06	15	0.38	0.42	0.5
21189	Rock	23.1	2.05	1.35	0.90	0.2	0.13	0.18	3.4	5.0	0.02	381	0.59	0.07	0.3
21190	Rock	19.1	2.40	5.23	0.92	1.1	0.01	0.44	9.1	81.7	0.11	83	0.85	0.59	0.7
20675	Rock	33.5	7.03	18.37	1.45	3.1	0.05	2.85	27.0	45.1	0.87	416	3.76	0.44	4.2
20676	Rock	7.5	0.70	5.06	0.83	1.0	0.02	0.66	15.1	14.9	0.03	20	0.46	0.02	1.4
20677	Rock	6.5	0.40	4.92	1.06	1.1	0.03	0.79	11.8	4.6	0.07	25	0.51	0.02	0.9
20678	Rock	18.3	1.86	6.03	0.98	1.1	0.03	0.28	11.0	15.1	0.02	230	0.58	0.05	0.8
20679	Rock	4.8	0.62	3.98	0.91	0.7	0.01	0.40	9.6	5.8	0.03	24	0.61	0.01	0.8
20680	Rock	6.7	0.74	10.40	1.20	1.6	0.05	1.84	17.5	7.5	0.15	29	0.40	0.04	1.8
20681	Rock	14.7	0.94	2.05	1.11	0.1	<0.01	0.16	6.4	25.8	0.12	121	0.59	0.02	0.4
20682	Rock	4.1	0.42	0.77	0.91	0.1	<0.01	0.04	1.6	20.8	<0.01	39	0.57	<0.01	0.2
20683	Rock	5.0	0.40	0.98	1.16	0.2	<0.01	0.08	1.7	2.4	<0.01	24	0.63	<0.01	0.4
20684	Rock	5.9	0.70	5.35	0.79	1.3	0.02	0.65	8.8	7.9	0.05	36	0.50	0.05	0.9
20685	Rock	4.0	0.32	0.39	1.52	<0.1	<0.01	0.02	<0.5	0.5	<0.01	25	0.68	0.03	0.2
20686	Rock	4.2	0.35	0.52	1.31	<0.1	<0.01	0.03	1.1	3.1	<0.01	74	0.53	<0.01	0.2
20687	Rock	5.2	0.52	0.57	1.01	1.0	<0.01	0.03	0.7	11.5	<0.01	229	0.70	0.05	0.5
20688	Rock	3.5	0.28	0.41	1.76	<0.1	<0.01	0.04	<0.5	0.6	<0.01	24	0.65	<0.01	0.2
20689	Rock	4.9	0.61	1.88	1.14	0.4	0.02	0.26	3.4	10.4	0.02	73	0.59	0.01	0.5
20690	Rock	9.2	0.76	2.19	1.20	0.3	0.04	0.27	4.7	10.7	0.06	892	0.74	0.04	0.6
20691	Rock	6.3	0.92	3.06	1.10	1.2	0.01	0.09	11.9	19.3	0.02	89	0.59	1.14	0.8
20692	Rock	4.3	0.74	1.87	0.98	0.8	<0.01	0.02	7.2	11.0	0.01	474	0.61	0.91	0.7
20693	Rock	32.4	5.50	9.97	1.76	1.7	0.04	1.50	8.9	38.1	0.66	539	0.59	0.10	2.5
20694	Rock	34.6	0.96	0.37	0.60	<0.1	<0.01	0.02	<0.5	0.8	<0.01	70	0.57	0.02	0.2
20695	Rock	4.9	0.49	0.37	1.06	<0.1	<0.01	0.03	<0.5	0.9	<0.01	31	0.62	<0.01	0.2
20696	Rock	9.3	6.62	6.63	1.58	1.2	0.09	0.99	12.1	4.9	0.08	117	0.47	0.41	0.7
20697	Rock	5.9	1.51	5.58	0.77	1.1	0.02	0.59	15.9	21.0	0.10	372	0.53	0.68	0.8
20698	Rock	6.8	1.41	6.82	1.16	1.2	0.01	0.92	22.5	9.2	0.13	290	0.52	0.76	1.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20699	Rock	2.9	0.16	1.82	<0.05	0.2	0.01	0.25	8.5	3.6	0.35	53	0.08	0.08	0.5
20700	Rock	2.9	0.21	1.39	<0.05	0.2	<0.01	0.16	4.8	5.2	0.37	25	0.10	0.06	0.4
20701	Rock	6.0	0.94	4.48	0.85	1.1	0.01	0.59	9.5	26.4	0.05	165	0.62	0.05	0.7
20702	Rock	16.3	2.68	7.32	0.76	1.3	0.01	0.75	11.3	344.1	0.07	251	0.54	0.17	0.8
20703	Rock	6.2	0.96	3.77	1.19	0.9	0.01	0.52	9.2	15.0	0.03	74	0.57	0.03	0.6
20704	Rock	13.1	0.88	2.77	1.17	0.5	0.01	0.10	6.5	10.8	0.11	394	0.59	1.10	0.5
20705	Rock	3.9	0.48	1.09	1.79	0.2	<0.01	0.04	1.8	1.3	<0.01	49	0.58	0.63	0.3
20706	Rock	3145.0	1.00	2.46	1.14	<0.1	0.52	0.37	1.7	3.2	0.02	31	0.54	0.03	0.3

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Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20809	Rock	13.2	34	100.3	27.8	<0.002	>10	62.80	1.3	6.2	6.0	6.6	0.14	0.35	4.8
20810	Rock	4.4	22	17.5	1.9	0.006	0.067	0.68	0.2	<1.0	0.4	4.5	<0.05	0.10	1.3
20811	Rock	17.5	151	8.2	11.4	0.005	1.005	1.32	2.1	1.2	1.2	51.4	0.17	0.06	14.9
20812	Rock	25.6	73	5.5	30.3	0.003	2.915	1.40	4.5	1.5	4.8	11.5	0.13	0.10	7.4
20813	Rock	3.6	140	4.4	18.6	0.003	0.284	7.24	1.5	2.1	3.7	99.9	0.20	0.11	4.3
20814	Rock	5.5	46	5.2	23.4	<0.002	0.431	3.13	1.5	1.6	5.6	17.4	0.10	0.33	4.5
20815	Rock	10.1	66	23.1	4.6	<0.002	0.343	7.21	1.7	<1.0	0.4	25.8	0.08	0.24	6.3
20816	Rock	21.7	96	6.4	18.2	<0.002	0.338	6.09	5.2	<1.0	0.7	50.5	0.19	0.19	17.3
20817	Rock	10.9	121	7.5	1.8	0.002	0.200	4.79	2.5	1.2	0.5	61.0	0.16	0.18	9.9
20818	Rock	7.5	58	2.9	2.3	<0.002	0.014	1.37	1.3	<1.0	0.4	28.4	0.13	0.06	7.6
20819	Rock	1.9	213	14.5	93.7	<0.002	1.088	3.56	3.7	1.4	4.5	109.8	0.87	0.14	14.1
20820	Rock	8.7	298	4.7	15.3	<0.002	0.438	3.61	1.9	1.1	2.3	17.6	0.07	0.07	6.1
20821	Rock	5.7	146	3.6	31.7	<0.002	0.147	1.66	1.8	<1.0	17.7	12.7	0.11	0.06	6.0
20822	Rock	17.2	126	10.1	22.3	<0.002	0.145	0.79	3.1	1.2	1.0	17.5	0.11	0.10	6.3
20823	Rock	10.5	93	3.5	19.4	<0.002	0.251	0.53	3.3	1.8	2.7	51.8	0.15	<0.05	14.3
20824	Rock	19.9	210	5.6	22.7	<0.002	2.278	3.74	3.9	2.1	19.1	58.5	0.27	0.09	8.4
20825	Rock	6.1	54	5.7	11.1	<0.002	0.076	2.26	0.8	<1.0	0.5	25.5	0.07	0.05	5.3
20826	Rock	10.8	183	23.4	4.4	<0.002	<0.01	0.20	0.8	1.0	0.5	7.3	<0.05	0.13	0.7
20827	Rock	7.5	111	4.7	2.9	<0.002	0.061	0.90	1.7	<1.0	0.4	52.4	0.11	0.08	7.6
20828	Rock	7.6	56	18.9	1.5	<0.002	0.071	1.94	1.1	<1.0	0.4	24.4	<0.05	0.09	2.9
20829	Rock	11.0	183	7.0	22.2	0.004	0.785	12.49	2.6	2.6	0.7	213.4	0.16	0.72	14.5
20830	Rock	91.7	42	148.5	2.6	<0.002	1.696	2.33	0.2	1.3	0.4	4.7	<0.05	0.22	1.0
20831	Rock	8.9	64	13.8	17.5	<0.002	0.930	20.98	1.9	3.8	0.6	65.7	<0.05	0.42	5.8
20832	Rock	7.7	<10	16.6	2.4	<0.002	0.898	17.76	0.4	1.3	0.4	16.5	<0.05	0.06	0.4
20833	Rock	7.0	21	7551.4	3.5	<0.002	2.228	11.38	2.9	<1.0	0.4	13.8	<0.05	0.09	1.0
20834	Rock	19.5	13	51.5	13.6	<0.002	0.746	8.96	0.9	1.1	0.7	12.1	<0.05	0.13	1.9
20835	Rock	10.9	54	128.7	27.5	<0.002	4.424	94.59	2.0	2.0	0.7	59.3	<0.05	0.23	5.3
20836	Rock	13.4	105	6.6	30.4	<0.002	0.117	1.67	2.8	1.2	1.3	49.0	0.09	0.09	8.3
20837	Rock	11.4	95	12.2	47.1	0.003	0.289	1.17	3.6	1.0	0.9	45.4	0.12	<0.05	16.9
20838	Rock	15.8	140	11.1	18.7	<0.002	0.043	0.43	2.7	1.2	0.5	39.0	0.08	0.15	7.3
20839	Rock	4.9	<10	24.7	8.6	<0.002	0.262	10.08	1.0	1.5	0.4	13.8	<0.05	0.45	3.0
20840	Rock	4.9	<10	589.6	3.0	0.003	0.012	1.45	0.1	1.4	2.3	2.1	<0.05	0.08	0.2
21167	Rock	9.5	13	117.3	2.4	<0.002	9.283	169.01	0.3	15.6	1.3	3.2	<0.05	0.95	1.0
21168	Rock	19.6	<10	74.9	10.0	0.003	4.793	72.16	1.0	7.8	6.1	3.5	<0.05	2.19	1.3
21169	Rock	4.4	33	229.4	21.7	<0.002	1.274	34.03	3.1	4.8	3.1	33.3	0.35	0.56	8.7
21170	Rock	8.0	1492	7.4	25.0	0.007	0.245	1.02	2.1	1.7	0.8	44.3	0.29	0.11	8.3
21171	Rock	6.7	11	37.6	7.6	0.008	0.045	0.46	0.8	<1.0	0.5	6.1	<0.05	<0.05	1.4
21172	Rock	7.3	79	47.9	3.1	0.003	1.401	2.46	1.0	1.8	0.5	34.2	0.16	0.26	4.2
21173	Rock	30.3	85	135.4	8.6	0.003	1.483	1.41	2.0	2.2	0.5	4.5	0.27	0.16	11.2
21174	Rock	2.4	348	31.0	96.0	0.002	2.295	2.34	3.5	2.1	5.8	129.9	0.91	0.22	14.4

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
21175	Rock	24.9	986	95.5	68.6	<0.002	0.476	0.38	13.6	1.4	1.3	66.6	0.60	0.22	14.9
21176	Rock	1.9	331	29.2	151.0	0.003	0.443	27.70	4.9	1.3	4.3	11.5	0.97	0.08	15.9
21177	Rock	12.1	85	25.8	19.2	<0.002	0.498	0.62	2.5	<1.0	0.8	50.3	0.11	0.17	7.2
21178	Rock	12.6	155	9.1	32.3	<0.002	0.883	4.57	3.5	1.5	3.7	7.7	0.15	0.11	7.8
21179	Rock	7.1	35	51.5	13.8	<0.002	0.328	7.90	1.1	2.1	0.6	48.5	0.08	0.17	4.9
21180	Rock	13.3	1144	7.5	29.0	0.003	0.014	1.22	3.1	1.2	0.7	55.4	0.17	0.20	6.7
21181	Rock	6.3	32	13.9	20.6	<0.002	0.142	3.19	1.7	1.2	0.7	28.8	0.11	0.09	8.4
21182	Rock	31.6	1186	236.3	101.5	<0.002	0.329	1.41	11.7	2.7	1.6	56.3	0.70	1.54	10.9
21183	Rock	9.0	46	5.3	3.3	0.004	0.035	2.14	2.7	1.8	0.3	105.9	0.11	0.07	7.0
21184	Rock	6.6	53	5.2	3.6	0.002	0.082	1.77	2.0	<1.0	0.5	60.4	0.15	0.17	14.2
21185	Rock	29.7	172	17.2	29.4	<0.002	2.661	0.33	5.7	1.6	0.9	61.7	0.14	0.16	8.5
21186	Rock	29.7	335	48.8	38.4	<0.002	1.016	0.39	7.6	1.4	0.8	64.1	0.13	0.37	4.9
21187	Rock	11.0	66	>10000	22.5	0.004	2.198	13.74	2.1	2.9	0.7	52.1	0.07	0.16	5.5
21188	Rock	6.6	55	>10000	26.7	0.002	3.284	15.19	1.9	3.5	0.8	44.7	0.07	0.22	5.8
21189	Rock	6.1	76	1735.3	6.9	0.003	1.155	2.27	2.7	<1.0	0.4	19.2	<0.05	<0.05	1.5
21190	Rock	8.9	183	66.4	16.5	<0.002	0.031	2.54	2.3	1.5	0.6	24.5	0.09	0.18	5.8
20675	Rock	59.0	97	229.8	109.3	<0.002	4.532	3.52	10.1	2.2	2.1	47.5	0.47	0.20	14.4
20676	Rock	4.5	118	11.7	24.3	<0.002	0.063	0.39	1.7	<1.0	0.9	8.1	0.16	0.09	7.4
20677	Rock	4.5	95	20.3	29.1	<0.002	0.096	1.22	1.5	1.0	6.5	78.9	0.12	0.10	5.2
20678	Rock	17.5	185	26.7	10.8	<0.002	0.160	1.19	3.3	1.6	0.7	121.7	0.11	0.08	6.6
20679	Rock	4.8	198	10.2	15.2	<0.002	0.014	0.80	1.1	1.7	0.7	44.4	0.09	0.07	4.8
20680	Rock	4.9	23	11.4	71.4	<0.002	0.416	2.15	4.1	<1.0	10.6	18.0	0.18	<0.05	6.2
20681	Rock	12.9	55	3.4	6.7	<0.002	<0.01	0.40	0.9	<1.0	0.8	4.7	<0.05	0.09	1.0
20682	Rock	5.2	96	17.6	1.5	0.003	<0.01	1.11	0.2	<1.0	0.4	2.8	<0.05	0.12	0.7
20683	Rock	5.2	27	22.7	3.6	0.002	<0.01	0.56	0.3	1.2	0.8	17.9	<0.05	0.09	0.6
20684	Rock	5.0	69	7.2	24.8	<0.002	0.104	1.20	1.8	<1.0	6.8	9.4	0.08	<0.05	6.4
20685	Rock	5.1	<10	9.0	0.8	<0.002	<0.01	0.58	<0.1	<1.0	0.4	2.1	<0.05	0.06	<0.2
20686	Rock	4.7	<10	5.6	1.1	<0.002	<0.01	0.42	0.1	<1.0	0.6	1.7	<0.05	0.07	0.5
20687	Rock	8.1	157	4.0	1.2	0.003	<0.01	0.36	0.2	<1.0	0.4	5.5	0.07	0.11	0.8
20688	Rock	4.7	<10	60.6	1.9	0.004	<0.01	1.18	<0.1	<1.0	0.6	1.6	<0.05	0.08	0.3
20689	Rock	5.9	62	7.5	10.7	0.007	<0.01	0.67	1.3	1.2	0.5	4.1	<0.05	0.06	2.2
20690	Rock	8.7	122	25.6	12.5	0.006	<0.01	0.50	3.2	<1.0	0.5	10.5	0.05	0.09	1.4
20691	Rock	6.4	105	6.0	4.1	0.004	0.011	1.57	1.4	<1.0	0.4	40.9	0.11	0.07	6.6
20692	Rock	7.1	84	5.0	0.7	<0.002	0.021	0.94	0.8	<1.0	0.4	29.8	0.08	<0.05	5.0
20693	Rock	33.8	253	198.6	59.3	0.002	3.026	0.78	7.2	1.9	1.1	33.3	0.20	1.29	5.7
20694	Rock	14.4	126	31.2	0.8	<0.002	0.306	0.68	0.1	1.2	0.4	4.8	<0.05	0.11	0.2
20695	Rock	5.3	<10	26.3	1.2	<0.002	0.036	1.79	<0.1	<1.0	0.4	4.9	<0.05	0.08	0.2
20696	Rock	14.2	47	1223.0	44.4	<0.002	4.090	77.61	3.0	2.2	1.0	41.7	0.08	0.11	10.0
20697	Rock	9.6	68	9.2	25.2	0.002	<0.01	0.65	2.7	<1.0	0.7	55.7	0.07	0.08	8.9
20698	Rock	11.2	113	18.3	40.9	<0.002	0.305	1.61	3.0	<1.0	0.9	49.3	0.79	0.07	9.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20699	Rock	1.6	44	7.4	12.4	0.004	<0.01	0.28	1.2	3.0	0.4	1751.7	<0.05	0.12	1.5
20700	Rock	2.5	281	5.5	7.9	0.004	<0.01	0.10	0.7	2.2	0.4	1867.8	<0.05	0.27	1.0
20701	Rock	8.4	78	9.4	26.3	0.005	<0.01	0.65	1.2	<1.0	0.6	15.4	0.08	0.16	6.1
20702	Rock	20.7	110	18.3	31.5	<0.002	<0.01	0.68	2.2	1.2	0.7	16.5	0.12	0.09	7.2
20703	Rock	6.1	34	17.9	21.2	<0.002	0.023	1.04	0.8	<1.0	0.7	9.1	0.07	0.15	4.5
20704	Rock	11.5	119	8.9	4.4	<0.002	0.041	0.45	1.4	<1.0	0.7	64.1	0.05	0.10	3.1
20705	Rock	8.0	43	5.1	1.6	<0.002	<0.01	0.81	0.3	<1.0	0.7	44.2	<0.05	0.11	1.0
20706	Rock	6.2	<10	266.4	15.7	<0.002	0.379	0.68	0.8	<1.0	1.4	8.4	<0.05	0.14	0.6

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20809	Rock	0.026	0.19	0.5	39	0.9	2.4	8	19.0
20810	Rock	<0.005	<0.02	0.2	33	0.2	0.7	4	8.3
20811	Rock	0.031	0.07	1.2	54	0.6	4.3	45	46.7
20812	Rock	0.033	0.18	1.4	65	1.1	3.6	13	36.8
20813	Rock	0.048	0.20	0.9	52	2.2	2.7	6	30.7
20814	Rock	0.026	0.24	0.8	52	1.2	2.6	5	26.4
20815	Rock	0.018	0.06	0.9	50	1.0	2.8	31	30.3
20816	Rock	0.042	0.14	2.5	70	1.9	7.5	63	91.2
20817	Rock	0.039	<0.02	1.6	49	2.5	4.4	17	55.3
20818	Rock	0.032	0.02	1.0	46	1.4	3.2	11	41.8
20819	Rock	0.084	0.49	3.1	47	0.6	12.1	9	118.0
20820	Rock	0.015	0.14	1.1	46	0.5	3.0	11	29.9
20821	Rock	0.024	0.18	1.1	51	0.6	3.0	11	39.8
20822	Rock	0.028	0.12	0.8	59	0.6	2.9	28	23.3
20823	Rock	0.039	0.10	1.2	59	0.4	4.4	13	38.0
20824	Rock	0.092	0.13	1.5	66	0.3	3.7	18	38.2
20825	Rock	0.013	0.07	0.9	42	0.9	2.0	10	28.9
20826	Rock	0.007	0.03	0.2	44	0.1	1.7	42	4.1
20827	Rock	0.018	0.02	1.3	43	1.4	3.1	10	47.8
20828	Rock	0.009	<0.02	0.5	41	0.7	1.3	58	17.0
20829	Rock	0.037	0.12	2.4	59	3.6	6.7	6	105.6
20830	Rock	<0.005	<0.02	0.2	37	0.3	0.8	37	4.5
20831	Rock	0.015	0.12	0.9	48	0.4	3.0	6	26.9
20832	Rock	<0.005	0.02	<0.1	38	0.1	1.5	5	1.4
20833	Rock	<0.005	0.04	0.4	40	0.1	5.3	8973	2.7
20834	Rock	0.007	0.09	0.3	44	0.3	1.3	19	6.9
20835	Rock	0.015	0.20	1.1	48	0.5	3.2	23	23.0
20836	Rock	0.022	0.16	0.8	61	0.4	3.7	21	30.2
20837	Rock	0.037	0.26	1.5	66	0.5	5.8	26	60.1
20838	Rock	0.025	0.11	1.1	56	0.4	3.6	29	44.1
20839	Rock	0.009	0.06	0.9	43	1.7	1.7	9	17.8
20840	Rock	<0.005	0.02	<0.1	42	0.1	<0.1	27	0.7
21167	Rock	0.007	0.03	0.1	37	0.6	0.6	6	5.1
21168	Rock	0.013	0.05	0.2	45	0.9	1.0	11	6.3
21169	Rock	0.017	0.15	1.1	46	0.6	2.6	10	31.9
21170	Rock	0.028	0.26	1.7	56	0.6	4.8	5	36.9
21171	Rock	0.010	0.05	0.3	46	0.1	0.6	8	5.2
21172	Rock	0.021	0.03	0.6	49	2.2	1.7	10	21.3
21173	Rock	0.029	0.06	1.4	61	0.6	3.1	90	45.5
21174	Rock	0.077	0.53	3.3	52	1.4	13.2	8	152.4

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21175	Rock	0.153	0.37	6.7	86	0.5	12.1	50	142.1
21176	Rock	0.097	1.08	4.0	60	3.0	11.4	22	81.5
21177	Rock	0.021	0.12	0.8	56	0.3	3.7	27	28.7
21178	Rock	0.032	0.21	0.9	59	0.5	4.0	20	30.5
21179	Rock	0.012	0.09	0.9	50	1.0	2.1	31	27.2
21180	Rock	0.021	0.18	1.2	57	1.0	5.4	19	29.3
21181	Rock	0.023	0.13	1.4	54	1.2	3.4	10	48.3
21182	Rock	0.156	0.53	1.9	102	1.2	8.3	65	65.9
21183	Rock	0.014	0.03	1.0	44	1.0	3.7	11	31.7
21184	Rock	0.030	0.04	1.7	46	1.4	4.5	8	74.6
21185	Rock	0.038	0.17	1.2	76	0.3	4.8	74	44.8
21186	Rock	0.074	0.21	1.4	84	0.4	6.6	65	48.2
21187	Rock	0.016	0.16	1.0	50	0.7	2.8	6461	20.8
21188	Rock	0.014	0.17	1.1	50	0.4	1.9	2775	22.3
21189	Rock	<0.005	0.04	0.5	42	0.1	4.2	1418	5.0
21190	Rock	0.016	0.31	1.3	54	0.2	2.1	43	31.1
20675	Rock	0.126	0.99	2.7	104	0.6	11.4	88	89.4
20676	Rock	0.042	0.18	1.1	50	0.5	2.8	11	29.2
20677	Rock	0.030	0.20	1.1	52	1.3	3.3	11	31.5
20678	Rock	0.020	0.08	1.3	54	0.8	3.5	83	32.1
20679	Rock	0.019	0.26	0.9	46	0.6	2.1	7	18.2
20680	Rock	0.074	0.46	1.4	71	2.1	4.8	9	48.5
20681	Rock	0.007	0.04	0.3	43	0.1	0.9	14	4.8
20682	Rock	<0.005	<0.02	0.2	41	0.2	0.6	5	4.4
20683	Rock	0.007	0.03	0.1	42	0.2	0.5	21	5.2
20684	Rock	0.024	0.13	0.9	52	0.4	2.8	8	38.2
20685	Rock	<0.005	<0.02	<0.1	40	0.1	0.1	5	1.3
20686	Rock	<0.005	<0.02	0.1	38	0.2	0.4	5	3.1
20687	Rock	<0.005	<0.02	0.2	39	0.2	1.0	11	3.3
20688	Rock	<0.005	<0.02	<0.1	44	0.2	0.2	5	1.7
20689	Rock	0.006	0.06	0.4	48	2.0	1.3	11	9.8
20690	Rock	0.010	0.07	0.6	49	0.3	5.6	16	6.9
20691	Rock	0.015	0.02	1.0	47	1.1	2.6	13	40.0
20692	Rock	0.013	<0.02	0.7	43	0.6	1.9	7	24.2
20693	Rock	0.105	0.29	1.5	86	0.6	5.6	54	54.8
20694	Rock	<0.005	<0.02	0.2	41	0.1	0.6	7	0.8
20695	Rock	<0.005	<0.02	<0.1	39	<0.1	0.2	3	0.9
20696	Rock	0.018	0.27	1.3	62	0.6	3.4	254	32.9
20697	Rock	0.020	0.13	1.2	58	0.3	4.1	23	30.3
20698	Rock	0.024	0.22	1.0	65	0.5	4.5	27	37.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20699	Rock	0.011	0.07	2.3	49	0.1	4.8	10	6.2
20700	Rock	0.007	0.04	2.3	50	0.1	2.2	9	7.0
20701	Rock	0.015	0.16	1.0	50	1.0	2.3	12	31.1
20702	Rock	0.018	0.19	1.4	53	0.9	3.1	48	36.9
20703	Rock	0.015	0.13	0.9	48	1.3	2.0	13	29.1
20704	Rock	0.011	0.03	0.5	44	0.5	3.1	25	14.9
20705	Rock	<0.005	<0.02	0.3	43	0.3	0.8	11	11.4
20706	Rock	0.005	0.09	0.1	47	0.3	0.4	1294	3.4

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11-360-05908-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20809	Rock			2.19	1.76	>10000	58	0.39	87.81	0.03	0.12	21.00	28.3	119	0.52
20809 Dup				2.15	1.80	>10000	58	0.41	86.64	0.03	0.13	21.43	28.9	121	0.53
QCV1108-00898-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				64.03											
20827	Rock			0.10	2.54	63.4	21	0.15	0.11	0.08	<0.02	30.97	4.0	171	0.47
20827 Dup				0.10	2.60	62.7	20	0.15	0.11	0.08	<0.02	31.72	3.9	180	0.47
QCV1108-00898-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				66.04											
21171	Rock			0.25	0.59	48.4	27	0.18	0.65	0.01	<0.02	8.47	2.2	279	0.36
21171 Dup				0.25	0.58	48.2	27	0.19	0.62	0.01	<0.02	8.41	2.2	281	0.35
QCV1108-00898-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				63.39											
21189	Rock			4.13	0.49	124.8	34	0.10	0.88	0.50	11.80	7.61	4.4	241	0.25
21189 Dup				4.06	0.49	125.5	33	0.10	0.90	0.50	12.11	7.67	4.5	239	0.25
QCV1108-00898-0011-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS 94 expected				3.37					8.00				23.1		
STD-OREAS 94 result				3.88					7.86				23.7		
20691	Rock			0.23	1.95	225.2	18	0.17	0.07	0.02	<0.02	27.44	2.2	255	0.46
20691 Dup				0.22	2.01	228.0	18	0.17	0.06	0.02	<0.02	27.08	2.2	251	0.46
QCV1108-00898-0014-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				65.51											
QCV1108-00898-0016-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS 94 expected				3.37					8.00				23.1		
STD-OREAS 94 result				4.18					8.28				23.0		
20809	Rock	0.296													
20809 Dup		0.293													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.380													
20827	Rock	0.014													
20827 Dup		0.041													
21171	Rock	<0.005													
21171 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.892													
21189	Rock	0.079													
21189 Dup		0.066													

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		Au	Pb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
		Au-2AT-AA	Pb-4A-OR-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
QCV1108-01234-0008-BLK		<0.005													
20691	Rock	0.007													
20691 Dup		0.011													

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Northern Tiger Resources
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Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20809	Rock	226.8	>10	4.42	1.48	0.8	0.09	0.85	9.7	9.6	0.11	49	0.38	0.03	1.1
20809 Dup		229.6	>10	4.35	1.49	0.8	0.09	0.86	10.9	9.6	0.12	49	0.41	0.03	1.2
QCV1108-00898-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1022.3													
20827	Rock	3.5	1.15	3.25	0.13	1.6	0.01	0.07	13.7	7.4	0.02	639	1.03	1.68	0.8
20827 Dup		3.5	1.15	3.18	0.13	1.6	0.01	0.07	13.9	7.3	0.02	637	1.01	1.71	0.8
QCV1108-00898-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1010.4													
21171	Rock	9.3	0.68	1.66	0.93	0.2	0.01	0.17	4.4	10.0	0.05	59	0.91	0.02	0.5
21171 Dup		9.5	0.69	1.70	0.94	0.2	0.01	0.17	4.3	9.3	0.05	60	0.89	0.02	0.5
QCV1108-00898-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1127.3													
21189	Rock	23.1	2.05	1.35	0.90	0.2	0.13	0.18	3.4	5.0	0.02	381	0.59	0.07	0.3
21189 Dup		22.7	2.04	1.41	0.96	0.2	0.13	0.17	3.6	5.1	0.02	381	0.59	0.07	0.3
QCV1108-00898-0011-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS 94 expected		11400													
STD-OREAS 94 result		>10000													
20691	Rock	6.3	0.92	3.06	1.10	1.2	0.01	0.09	11.9	19.3	0.02	89	0.59	1.14	0.8
20691 Dup		6.4	0.92	3.06	1.05	1.2	0.01	0.09	11.8	20.0	0.02	88	0.57	1.19	0.8
QCV1108-00898-0014-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1040.8													
QCV1108-00898-0016-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS 94 expected		11400													
STD-OREAS 94 result		>10000													

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Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20809	Rock	13.2	34	100.3	27.8	<0.002	>10	62.80	1.3	6.2	6.0	6.6	0.14	0.35	4.8
20809 Dup		14.4	35	105.4	28.0	0.003	>10	63.29	1.3	6.2	6.0	6.6	0.13	0.37	4.3
QCV1108-00898-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
20827	Rock	7.5	111	4.7	2.9	<0.002	0.061	0.90	1.7	<1.0	0.4	52.4	0.11	0.08	7.6
20827 Dup		7.5	104	4.7	2.9	<0.002	0.060	0.89	1.6	<1.0	0.4	52.6	0.12	0.08	7.9
QCV1108-00898-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
21171	Rock	6.7	11	37.6	7.6	0.008	0.045	0.46	0.8	<1.0	0.5	6.1	<0.05	<0.05	1.4
21171 Dup		6.6	12	37.1	7.6	0.004	0.045	0.43	0.8	<1.0	0.5	6.3	<0.05	0.05	1.4
QCV1108-00898-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
21189	Rock	6.1	76	1735.3	6.9	0.003	1.155	2.27	2.7	<1.0	0.4	19.2	<0.05	<0.05	1.5
21189 Dup		6.0	76	1728.1	6.9	<0.002	1.139	2.32	2.8	<1.0	0.4	19.1	<0.05	<0.05	1.5
QCV1108-00898-0011-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS 94 expected				30.9			1.380	2.40		12.9	22.6				
STD-OREAS 94 result				29.9			1.301	2.48		15.8	21.6				
20691	Rock	6.4	105	6.0	4.1	0.004	0.011	1.57	1.4	<1.0	0.4	40.9	0.11	0.07	6.6
20691 Dup		6.5	108	6.0	4.2	0.005	0.012	1.60	1.4	<1.0	0.4	40.9	0.11	0.07	6.1
QCV1108-00898-0014-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
QCV1108-00898-0016-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS 94 expected				30.9			1.380	2.40		12.9	22.6				
STD-OREAS 94 result				32.7			1.274	2.52		15.5	20.5				

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Northern Tiger Resources
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Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20809	Rock	0.026	0.19	0.5	39	0.9	2.4	8	19.0
20809 Dup		0.027	0.18	0.6	41	1.0	2.4	8	19.3
QCV1108-00898-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
20827	Rock	0.018	0.02	1.3	43	1.4	3.1	10	47.8
20827 Dup		0.018	0.02	1.3	43	1.4	3.1	9	47.0
QCV1108-00898-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
21171	Rock	0.010	0.05	0.3	46	0.1	0.6	8	5.2
21171 Dup		0.011	0.05	0.3	46	0.1	0.6	8	5.3
QCV1108-00898-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
21189	Rock	<0.005	0.04	0.5	42	0.1	4.2	1418	5.0
21189 Dup		<0.005	0.04	0.5	44	0.1	4.1	1459	5.1
QCV1108-00898-0011-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS 94 expected								171	
STD-OREAS 94 result								161	
20691	Rock	0.015	0.02	1.0	47	1.1	2.6	13	40.0
20691 Dup		0.015	0.02	1.0	47	1.1	2.7	13	39.5
QCV1108-00898-0014-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
QCV1108-00898-0016-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS 94 expected								171	
STD-OREAS 94 result								163	

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Attention: Melanie Debnam

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/17/2011
Date Completed: 09/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	64	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Ag-4A-OR	Ag, 4 Acid, AA, Ore Grade
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS
Vancouver, BC	Pb-4A-OR-AA	Pb, Ore Grade, 4 Acid, AA

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06071-01

Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20841	Rock	0.294			3.44	0.28	16.6	18	0.11	0.44	0.01	8.50	0.94	6.1	322
20842	Rock	0.098			0.35	2.01	53.7	157	0.57	0.20	0.01	0.04	22.58	1.0	250
20843	Rock	0.046			1.46	2.81	123.2	141	0.56	0.12	0.03	2.26	38.68	12.1	252
20844	Rock	0.089			1.30	2.49	13.7	93	0.96	21.00	0.02	0.03	35.97	6.3	244
20845	Rock	0.052			0.17	1.94	5.3	42	0.80	0.24	0.05	0.03	27.73	3.5	245
20846	Rock	0.074			0.78	7.60	106.5	555	2.01	1.18	0.01	0.04	40.48	21.1	155
20847	Rock	0.041			0.59	8.43	76.6	602	2.09	0.89	0.02	0.04	42.61	10.6	142
20848	Rock	0.190			19.66	3.07	5828.9	179	0.64	29.89	0.03	15.63	36.08	4.9	200
20849	Rock	0.070			0.30	2.63	515.0	58	0.43	0.16	0.03	0.11	33.42	3.2	207
20850	Rock	0.303			1.03	1.74	>10000	104	0.35	1.59	0.02	0.49	27.63	3.4	233
20851	Rock	0.114		1.35	24.81	2.52	1341.3	122	0.47	0.61	0.02	40.65	34.09	3.4	228
20852	Rock	0.832			1.38	1.42	>10000	84	0.32	4.63	0.02	0.25	18.79	17.0	239
20853	Rock	0.783			0.70	1.90	>10000	79	0.46	0.30	0.03	0.41	28.38	4.4	273
20854	Rock	0.027			0.55	3.84	86.7	172	0.54	2.38	0.02	0.06	24.77	13.7	206
20855	Rock	0.050			0.12	0.20	47.9	15	0.06	0.11	2.75	0.07	1.54	2.9	242
20856	Rock	0.040			0.15	2.08	402.4	104	0.42	2.51	0.02	0.03	15.14	3.4	256
20857	Rock	0.081			0.14	1.91	319.6	76	0.27	1.46	0.02	0.03	20.19	2.5	240
20858	Rock	0.049			0.46	5.14	15.9	183	0.88	0.57	0.51	0.24	46.88	12.5	167
20859	Rock	0.100			0.08	1.93	>10000	123	0.29	2.79	0.01	0.04	23.18	4.0	227
20860	Rock	0.158			0.11	1.87	>10000	127	0.31	4.25	<0.01	<0.02	16.74	14.0	238
20861	Rock	0.024			0.09	2.67	>10000	174	0.41	3.41	0.01	0.03	23.52	10.5	239
20862	Rock	0.006			0.13	3.02	76.6	135	0.35	0.42	0.01	<0.02	29.64	2.2	217
20863	Rock	2.229			0.30	0.75	>10000	29	0.28	115.25	<0.01	0.04	22.89	63.5	288
20864	Rock	0.006			0.10	0.22	66.4	10	0.06	0.53	0.29	0.04	1.97	3.5	255
21191	Rock	0.013			0.53	5.05	235.2	211	1.18	2.88	0.19	0.06	47.83	43.4	193
21192	Rock	0.007			0.10	2.37	38.4	43	0.35	0.11	0.06	0.04	21.75	5.3	273
21193	Rock	<0.005			0.07	0.89	50.6	27	0.13	0.26	0.06	0.04	8.99	3.0	210
21194	Rock	0.040			0.15	1.22	32.9	53	0.27	0.27	<0.01	<0.02	19.13	3.0	365
21195	Rock	0.012			0.14	0.15	79.0	15	<0.05	0.17	0.02	0.06	0.86	1.8	344
21196	Rock	0.059			2.28	0.13	59.3	7	0.06	1.24	0.05	0.91	0.82	1.2	340
21197	Rock	0.231			0.20	1.10	874.1	141	0.62	0.15	0.02	0.22	13.01	2.8	143
21198	Rock	0.020			7.53	2.76	109.2	195	0.58	0.28	0.02	0.52	35.75	2.3	282
21199	Rock	0.353			0.50	2.20	239.6	107	0.62	0.46	0.02	0.05	66.35	3.6	289
21200	Rock	0.050			0.31	2.38	182.5	100	0.35	0.27	0.02	0.14	28.69	6.7	249
21101	Rock	0.132			0.53	2.20	>10000	128	0.44	0.98	0.04	0.28	28.78	8.2	238
21102	Rock	5.777	164.5	3.31	>100	0.72	>10000	65	0.28	297.23	0.02	4.51	4.79	2.4	60
21103	Rock	0.090			1.30	2.14	3281.1	87	0.42	0.67	0.02	1.76	31.93	3.7	245
21104	Rock	1.006			0.97	1.33	>10000	77	0.32	6.15	0.04	0.16	23.56	24.8	226
21105	Rock	0.014			0.60	2.79	678.9	90	0.56	0.36	0.01	0.46	35.79	3.6	235
21106	Rock	0.010			12.42	2.36	92.5	126	0.47	0.34	0.03	3.23	25.13	1.8	275

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
21107	Rock	<0.005			0.30	2.23	45.3	67	0.34	0.10	>10	0.11	28.08	2.7	134
21108	Rock	<0.005			0.64	2.27	74.3	151	0.62	1.01	>10	1.09	26.64	6.9	31
21109	Rock	0.022			0.61	8.83	77.8	405	2.51	1.75	0.05	0.03	39.51	8.0	154
21110	Rock	0.015			0.39	6.21	30.2	150	0.70	0.91	0.06	0.03	50.78	5.4	167
21111	Rock	0.075			0.13	1.10	76.7	45	0.42	0.31	0.05	0.06	17.81	30.2	308
21112	Rock	0.063			0.12	2.04	>10000	190	0.35	30.56	0.02	<0.02	16.44	4.6	222
21113	Rock	0.043			0.19	3.37	181.3	139	0.60	2.03	0.12	0.02	41.33	5.1	271
21114	Rock	0.083			0.21	4.81	446.9	133	0.58	4.10	0.04	0.03	59.25	13.2	154
20707	Rock	0.138			0.24	0.20	62.6	14	0.06	0.16	0.03	1.16	1.92	1.6	232
20708	Rock	0.102			0.10	0.16	42.4	7	0.08	0.06	0.01	<0.02	0.80	1.1	204
20709	Rock	0.166			0.27	0.11	18.9	10	<0.05	0.06	0.04	0.54	0.55	2.3	237
20710	Rock	0.038			0.30	2.09	17.7	97	0.34	0.20	0.02	0.07	21.96	1.2	258
20711	Rock	0.370			0.14	1.59	22.0	51	0.23	1.51	0.01	0.04	18.32	0.7	281
20712	Rock	0.008			0.10	2.62	15.7	114	0.44	0.19	0.01	0.03	27.32	0.8	246
20713	Rock	0.014			0.07	0.53	12.2	10	<0.05	0.18	<0.01	0.03	7.60	4.1	254
20714	Rock	0.027			0.14	1.89	44.4	102	0.38	0.29	0.01	0.03	47.78	19.7	223
20715	Rock	0.016			0.15	1.95	30.5	89	0.46	0.34	0.01	<0.02	55.94	4.5	257
20716	Rock	0.015			0.08	0.06	14.8	5	<0.05	0.04	<0.01	0.05	0.64	1.2	208
20717	Rock	0.006			0.41	3.68	11.2	141	0.52	0.86	9.60	0.75	41.85	7.9	100
20718	Rock	0.038			1.25	0.40	7990.8	31	0.06	3.15	0.02	<0.02	1.56	2.3	308
20719	Rock	0.013			0.13	2.09	256.6	108	0.47	11.42	0.03	0.05	19.78	23.9	219
20720	Rock	<0.005			0.10	2.30	68.5	67	0.27	0.44	0.01	<0.02	28.49	1.6	262
20721	Rock	<0.005			0.36	0.85	7.3	36	0.18	0.25	0.02	0.02	7.75	2.8	229
20722	Rock	<0.005			0.11	2.96	642.3	222	0.37	0.41	0.02	<0.02	35.13	2.4	189

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Vol 5-99
Buchanan et al., 2011

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3Ace Property, Northern Tiger Resources Inc.

Vol 5-100

Buchanan et al., 2011

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20841	Rock	0.21	6914.2	1.62	0.83	<0.05	0.3	1.46	0.08	<0.5	1.7	<0.01	29	1.11	<0.01
20842	Rock	2.30	30.8	1.07	5.62	0.11	3.9	0.02	0.51	10.0	7.8	0.03	21	0.71	0.02
20843	Rock	0.84	27.2	2.54	6.46	<0.05	2.2	0.21	0.65	17.9	25.3	0.45	1081	0.55	0.05
20844	Rock	1.25	44.0	2.85	5.86	0.72	1.9	0.08	0.50	16.1	43.4	0.17	461	0.94	0.40
20845	Rock	0.83	10.6	1.80	5.47	0.57	1.1	0.04	0.37	12.6	22.0	0.24	501	3.39	0.56
20846	Rock	2.96	21.0	5.81	18.79	1.61	4.1	0.06	2.07	20.4	62.6	0.88	320	3.47	0.56
20847	Rock	3.20	32.1	6.36	20.23	1.52	3.3	0.07	2.19	21.7	79.1	1.15	414	2.78	<0.01
20848	Rock	1.42	22.2	2.69	7.37	0.05	1.2	0.64	0.87	16.6	26.6	0.66	255	0.65	0.03
20849	Rock	0.49	13.8	2.93	6.06	0.11	1.1	0.02	0.47	15.2	36.7	0.87	221	0.51	0.02
20850	Rock	0.86	46.4	2.32	4.09	0.25	1.1	0.04	0.58	12.6	6.9	0.16	69	0.76	0.03
20851	Rock	0.75	18.9	2.15	5.80	0.17	1.4	1.94	0.71	12.8	29.3	0.66	284	0.61	0.03
20852	Rock	0.78	10.8	4.48	3.44	0.92	1.1	0.06	0.50	8.6	5.4	0.10	55	0.52	0.02
20853	Rock	0.83	9.0	4.31	4.30	0.61	1.5	0.06	0.58	14.4	17.3	0.42	121	0.64	0.02
20854	Rock	1.66	55.1	3.43	8.18	0.78	1.9	0.04	0.77	12.2	38.0	0.41	776	2.74	0.69
20855	Rock	0.08	5.3	0.63	0.65	0.24	<0.1	0.01	0.03	0.6	4.6	0.17	170	0.66	<0.01
20856	Rock	1.03	27.0	1.49	4.68	1.06	0.8	0.01	0.67	7.6	4.9	0.05	72	0.69	0.05
20857	Rock	0.53	34.6	1.69	3.74	0.52	1.0	0.02	0.39	9.0	7.9	0.04	79	0.56	0.02
20858	Rock	1.59	296.7	2.56	13.19	0.69	3.7	0.05	0.98	19.2	42.0	0.69	1676	2.01	2.07
20859	Rock	0.78	37.9	1.61	5.20	0.26	1.1	0.02	0.62	11.0	7.0	0.05	33	0.60	0.03
20860	Rock	1.01	72.9	2.19	4.93	0.21	1.1	0.04	0.67	7.6	4.8	0.06	29	0.59	0.02
20861	Rock	1.10	14.1	1.84	6.33	<0.05	1.5	0.03	0.80	10.8	8.5	0.06	39	0.56	0.03
20862	Rock	0.94	50.5	1.46	7.60	<0.05	1.4	0.02	0.67	13.1	12.6	0.05	36	0.48	0.03
20863	Rock	0.30	27.0	3.85	1.54	0.10	0.3	0.03	0.12	13.4	10.0	0.02	33	0.80	0.02
20864	Rock	0.08	15.8	0.71	0.64	<0.05	<0.1	<0.01	0.03	1.2	4.8	0.06	156	0.77	0.02
21191	Rock	3.14	56.6	8.51	13.45	0.24	2.6	0.06	1.08	23.3	48.1	0.59	426	1.42	0.36
21192	Rock	0.42	10.6	1.63	3.47	0.09	1.1	0.02	0.20	9.8	11.8	0.15	646	0.60	1.22
21193	Rock	0.38	8.6	0.84	1.69	0.08	0.4	<0.01	0.13	4.0	16.9	0.05	339	0.67	0.37
21194	Rock	0.71	11.5	1.78	3.29	<0.05	0.4	0.01	0.25	8.8	25.2	0.25	119	0.69	0.03
21195	Rock	0.21	6.1	0.47	0.47	<0.05	0.7	<0.01	0.05	<0.5	0.9	<0.01	110	0.69	<0.01
21196	Rock	0.12	20.6	0.42	0.36	<0.05	0.4	0.04	0.03	<0.5	1.3	0.01	106	0.68	<0.01
21197	Rock	2.34	67.7	>10	8.40	1.00	3.1	0.05	0.23	6.3	17.0	0.01	27	3.24	0.01
21198	Rock	1.18	14.7	2.04	7.00	0.97	2.5	0.78	1.05	17.4	11.0	0.28	170	0.59	0.04
21199	Rock	0.93	13.4	1.51	5.13	<0.05	1.5	0.03	0.56	29.7	8.6	0.12	57	0.68	0.05
21200	Rock	0.78	12.7	2.72	5.08	0.64	1.2	0.03	0.56	13.2	17.7	0.32	337	1.01	0.32
21101	Rock	1.07	10.0	2.05	4.95	1.41	1.2	0.04	0.80	13.1	11.3	0.24	111	0.53	0.03
21102	Rock	0.36	73.9	>10	2.35	1.09	0.2	2.01	0.32	2.5	1.7	0.03	13	0.36	0.01
21103	Rock	0.97	47.4	2.93	4.79	<0.05	1.0	0.09	0.54	13.5	26.3	0.60	190	1.67	0.02
21104	Rock	0.79	10.3	4.99	3.32	0.58	0.6	0.06	0.45	11.0	7.6	0.17	80	0.52	0.02
21105	Rock	0.89	38.1	3.84	6.69	0.12	1.2	0.06	0.55	14.4	42.9	0.93	324	1.62	0.03
21106	Rock	0.70	18.5	1.88	5.45	0.40	0.9	1.90	0.71	12.1	15.6	0.38	129	0.54	0.13

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
21107	Rock	0.32	4.1	0.85	3.24	<0.05	1.1	0.03	0.22	12.7	3.2	0.13	645	0.34	1.16
21108	Rock	0.62	456.0	1.36	3.99	<0.05	1.0	0.04	0.37	12.9	7.1	2.03	756	20.01	0.88
21109	Rock	4.45	59.5	4.88	21.71	1.37	4.6	0.07	1.95	16.9	89.8	1.02	466	2.39	0.63
21110	Rock	1.33	77.7	3.47	11.32	0.50	2.9	0.03	0.65	22.6	29.6	0.21	111	13.99	3.18
21111	Rock	0.43	55.8	1.49	2.70	<0.05	0.2	0.02	0.21	9.0	25.7	0.23	723	0.64	0.04
21112	Rock	1.70	124.2	2.03	6.76	0.14	1.4	0.03	0.78	8.0	7.3	0.08	30	0.67	0.03
21113	Rock	1.28	69.0	4.37	9.08	0.32	1.3	0.03	0.67	20.2	56.1	1.17	331	0.78	0.20
21114	Rock	1.10	116.8	7.76	13.33	0.50	3.1	0.04	0.63	28.1	103.1	2.01	1032	0.72	0.08
20707	Rock	0.21	11.3	0.39	0.63	<0.05	<0.1	0.07	0.07	0.7	1.9	0.01	70	0.61	<0.01
20708	Rock	0.15	5.2	0.40	0.33	<0.05	<0.1	<0.01	0.02	<0.5	1.1	<0.01	49	0.75	0.03
20709	Rock	0.08	7.3	0.43	0.26	<0.05	<0.1	0.25	0.03	<0.5	2.0	<0.01	168	0.79	<0.01
20710	Rock	1.55	10.1	0.42	4.38	<0.05	0.9	<0.01	0.43	10.1	13.0	0.03	23	0.61	0.02
20711	Rock	0.96	6.5	0.44	3.52	<0.05	0.6	<0.01	0.29	8.4	6.6	0.03	23	0.56	0.01
20712	Rock	2.28	6.6	0.46	5.73	<0.05	1.1	0.01	0.48	13.1	29.7	0.04	24	0.61	0.03
20713	Rock	0.24	14.1	1.74	1.71	<0.05	0.2	<0.01	0.05	3.7	15.1	0.19	132	1.10	0.02
20714	Rock	1.23	35.0	4.78	5.47	0.08	0.8	0.03	0.45	23.6	21.5	0.22	146	1.06	0.12
20715	Rock	1.22	36.7	3.91	6.15	<0.05	1.3	0.02	0.40	27.0	23.4	0.29	180	0.81	0.12
20716	Rock	0.08	4.8	0.30	0.20	<0.05	<0.1	<0.01	<0.01	<0.5	1.8	<0.01	29	0.69	<0.01
20717	Rock	0.55	623.1	1.88	5.33	<0.05	0.9	0.05	0.30	20.1	3.3	3.41	779	3.30	2.00
20718	Rock	0.39	17.7	0.99	1.07	0.15	<0.1	0.01	0.15	0.7	1.3	0.02	25	0.70	0.01
20719	Rock	0.71	223.5	8.84	5.36	<0.05	0.9	0.03	0.42	9.9	11.7	0.05	501	0.67	0.03
20720	Rock	0.46	18.9	1.19	4.02	0.35	1.1	0.01	0.25	12.5	8.7	0.03	34	0.64	0.01
20721	Rock	0.40	124.4	1.02	2.22	0.39	2.3	0.03	0.18	4.0	9.4	0.16	97	0.59	0.07
20722	Rock	1.04	16.5	0.81	8.12	0.66	3.6	0.03	1.11	15.2	8.3	0.10	37	0.53	0.04

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20841	Rock	0.8	17.2	<10	400.2	4.5	<0.002	1.196	1.06	0.4	1.8	1.8	2.8	<0.05	<0.05
20842	Rock	8.1	5.0	66	15.5	27.9	<0.002	0.062	4.33	1.6	1.1	1.0	55.1	0.42	<0.05
20843	Rock	6.6	16.9	84	343.6	36.3	<0.002	0.065	2.30	3.3	<1.0	5.3	13.8	0.31	<0.05
20844	Rock	4.8	9.9	78	47.4	40.7	<0.002	0.117	2.38	3.2	1.2	4.8	14.4	0.27	<0.05
20845	Rock	3.9	9.1	68	4.8	38.0	<0.002	0.262	2.49	1.7	1.1	4.0	20.4	0.20	<0.05
20846	Rock	16.2	37.5	125	173.3	136.6	<0.002	1.020	2.72	11.4	1.6	2.3	84.2	1.26	0.16
20847	Rock	12.2	42.1	154	143.7	141.5	<0.002	0.478	1.82	12.0	2.0	2.5	87.0	1.06	0.10
20848	Rock	2.4	13.2	89	4884.8	50.2	<0.002	0.227	10.35	3.9	1.5	7.2	28.6	0.18	<0.05
20849	Rock	1.9	12.1	72	17.0	24.1	<0.002	0.070	1.43	3.0	<1.0	8.7	7.8	0.14	<0.05
20850	Rock	1.6	6.8	83	146.3	33.8	<0.002	0.533	8.33	1.6	1.3	4.6	22.5	0.12	<0.05
20851	Rock	2.7	12.0	85	>10000	38.0	<0.002	0.298	29.37	2.5	1.6	6.4	13.0	0.19	<0.05
20852	Rock	1.5	5.8	45	164.8	29.2	<0.002	2.441	41.57	1.5	3.5	5.4	31.2	0.10	<0.05
20853	Rock	1.7	11.6	63	128.1	31.6	0.003	2.144	44.14	2.3	1.5	6.1	34.9	0.14	<0.05
20854	Rock	3.5	19.4	79	93.2	43.4	<0.002	1.088	1.80	5.5	<1.0	1.1	34.1	0.27	0.15
20855	Rock	0.2	8.2	33	17.5	1.7	<0.002	0.088	0.23	0.8	1.1	0.4	95.4	<0.05	<0.05
20856	Rock	1.9	11.4	57	8.1	35.4	<0.002	0.391	1.95	2.5	<1.0	4.5	33.8	0.14	<0.05
20857	Rock	1.4	8.6	96	8.4	17.0	<0.002	0.354	1.63	1.8	1.1	2.1	32.3	0.12	<0.05
20858	Rock	4.4	23.3	110	121.5	35.4	<0.002	0.109	0.33	8.4	<1.0	1.4	53.3	0.47	<0.05
20859	Rock	1.0	4.9	64	4.4	28.9	<0.002	0.339	10.98	2.2	1.1	3.7	58.7	0.09	0.16
20860	Rock	1.1	8.6	32	4.8	34.9	<0.002	0.947	15.79	2.8	1.6	6.3	25.2	0.12	0.24
20861	Rock	1.3	10.4	58	4.6	35.6	0.003	0.562	6.60	2.7	1.3	4.8	41.5	0.11	0.14
20862	Rock	1.9	5.5	71	3.9	31.8	<0.002	0.354	0.72	3.4	1.6	4.0	14.1	0.15	<0.05
20863	Rock	0.5	18.8	39	32.5	5.8	<0.002	1.935	15.92	1.1	4.3	0.9	12.1	<0.05	2.31
20864	Rock	0.2	6.5	<10	7.5	1.6	<0.002	0.231	0.29	0.6	<1.0	0.4	8.3	<0.05	<0.05
21191	Rock	3.0	31.8	150	270.8	64.1	<0.002	0.042	7.88	11.3	1.7	1.5	81.9	0.25	0.43
21192	Rock	1.1	12.4	136	9.6	10.3	<0.002	0.060	0.44	2.1	<1.0	0.6	57.2	0.11	<0.05
21193	Rock	0.6	7.4	56	17.3	7.0	<0.002	0.020	0.67	1.0	<1.0	0.6	23.1	0.05	<0.05
21194	Rock	1.1	13.0	60	98.6	14.4	<0.002	0.018	0.36	1.3	<1.0	0.6	11.4	0.09	<0.05
21195	Rock	0.2	7.7	<10	16.0	2.8	<0.002	0.028	0.72	0.3	<1.0	1.2	2.3	<0.05	<0.05
21196	Rock	0.2	5.7	15	1677.5	1.8	<0.002	0.011	2.10	0.3	2.3	0.6	3.1	<0.05	<0.05
21197	Rock	0.9	7.9	1614	19.6	14.0	0.002	0.129	80.29	2.0	3.1	0.7	45.8	0.09	<0.05
21198	Rock	2.1	8.7	84	1813.0	57.9	<0.002	0.088	8.58	3.7	1.1	12.7	12.1	0.25	<0.05
21199	Rock	1.8	6.8	83	141.3	33.2	<0.002	0.016	2.99	2.8	1.0	3.8	17.2	0.16	<0.05
21200	Rock	1.3	14.1	76	87.8	31.8	<0.002	1.001	1.74	2.8	<1.0	4.7	13.9	0.15	<0.05
21101	Rock	0.9	8.8	99	54.7	43.5	<0.002	0.656	12.84	2.4	<1.0	7.1	19.9	0.09	<0.05
21102	Rock	0.3	1.3	61	>10000	16.1	0.004	3.845	237.16	1.5	15.7	5.4	9.7	<0.05	0.08
21103	Rock	0.7	12.8	97	377.5	29.8	0.003	0.681	7.14	2.5	<1.0	4.3	18.7	0.07	<0.05
21104	Rock	0.5	8.2	54	61.9	26.2	<0.002	2.676	43.02	1.5	1.9	4.0	36.8	<0.05	0.10
21105	Rock	0.9	15.0	84	175.0	29.5	<0.002	0.175	2.99	3.2	<1.0	3.0	7.6	0.09	<0.05
21106	Rock	1.0	8.4	64	4435.9	39.3	<0.002	0.155	14.07	2.3	<1.0	12.7	15.7	0.09	<0.05

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11-360-06071-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
21107	Rock	0.7	4.8	77	38.7	13.1	0.004	<0.01	0.77	1.9	<1.0	0.5	305.1	0.07	<0.05
21108	Rock	1.7	6.4	354	263.2	19.1	0.003	<0.01	0.27	5.0	<1.0	0.7	260.2	0.14	0.13
21109	Rock	4.4	33.2	109	218.8	112.5	0.003	0.088	7.82	14.8	1.3	1.9	117.9	0.47	0.39
21110	Rock	2.4	14.0	121	414.8	33.6	0.002	0.721	0.57	5.5	1.1	0.9	61.9	0.26	0.13
21111	Rock	0.5	26.7	178	11.2	11.9	0.003	0.020	0.69	1.9	<1.0	0.5	9.1	<0.05	<0.05
21112	Rock	0.9	5.0	80	8.7	36.7	0.002	0.277	6.38	4.2	1.2	6.0	53.1	0.08	0.26
21113	Rock	1.6	14.8	436	16.0	34.4	<0.002	1.649	2.91	6.2	1.2	2.4	37.0	0.13	<0.05
21114	Rock	2.7	37.9	191	14.0	31.4	0.004	1.820	4.31	9.2	1.6	1.7	15.0	0.23	<0.05
20707	Rock	0.1	5.2	<10	62.0	3.9	0.002	0.015	0.65	0.2	<1.0	0.3	2.6	<0.05	<0.05
20708	Rock	0.1	6.6	12	6.1	1.1	<0.002	<0.01	0.66	0.2	<1.0	0.3	3.5	<0.05	<0.05
20709	Rock	0.1	6.2	14	74.7	1.8	<0.002	<0.01	0.64	0.2	<1.0	1.6	2.7	<0.05	<0.05
20710	Rock	1.2	5.9	155	7.9	22.9	<0.002	<0.01	0.42	1.1	<1.0	0.6	142.5	0.15	<0.05
20711	Rock	1.0	4.3	18	6.5	19.4	<0.002	<0.01	0.56	1.1	<1.0	0.6	8.0	0.08	0.13
20712	Rock	1.6	5.3	74	8.4	30.6	<0.002	<0.01	0.55	1.5	1.1	0.7	76.8	0.17	<0.05
20713	Rock	0.3	8.4	42	20.3	2.8	<0.002	0.488	0.50	0.8	<1.0	0.3	3.9	<0.05	<0.05
20714	Rock	0.9	19.6	71	73.6	24.8	<0.002	3.351	1.84	2.7	1.8	0.5	26.7	0.09	<0.05
20715	Rock	1.1	12.4	82	79.6	22.9	0.002	0.483	1.57	4.0	<1.0	0.6	25.1	0.11	<0.05
20716	Rock	0.1	5.1	<10	6.7	0.6	<0.002	<0.01	0.47	0.1	<1.0	<0.2	1.4	<0.05	<0.05
20717	Rock	2.2	13.7	512	11.0	17.3	<0.002	<0.01	0.67	5.8	1.5	0.9	137.9	0.18	0.10
20718	Rock	0.2	6.0	<10	5.8	8.4	<0.002	0.353	5.83	0.5	1.2	1.7	5.6	<0.05	<0.05
20719	Rock	0.8	28.7	140	7.7	21.6	<0.002	0.231	1.83	2.5	1.2	2.1	51.8	0.08	<0.05
20720	Rock	0.9	7.3	55	4.7	12.7	0.002	0.154	0.70	1.9	<1.0	1.3	36.1	0.10	<0.05
20721	Rock	0.7	8.8	28	13.8	10.2	<0.002	0.023	0.39	1.3	<1.0	1.0	8.0	0.06	<0.05
20722	Rock	1.6	7.6	95	3.8	49.9	0.002	0.245	1.39	2.3	1.1	7.1	17.9	0.20	<0.05

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20841	Rock	1.2	<0.005	0.03	<0.1	28	0.3	0.2	3162	2.4
20842	Rock	8.6	0.037	0.38	1.2	49	1.9	3.3	15	41.8
20843	Rock	10.5	0.033	0.21	1.1	53	0.3	4.2	879	41.8
20844	Rock	8.9	0.034	0.19	2.0	51	5.2	5.6	33	42.1
20845	Rock	7.0	0.035	0.14	0.9	43	3.4	3.0	24	25.4
20846	Rock	12.4	0.118	0.95	2.5	110	0.6	5.8	81	80.5
20847	Rock	14.7	0.124	0.88	2.9	115	0.7	6.3	103	80.2
20848	Rock	7.8	0.036	0.30	1.2	50	0.6	6.2	479	33.3
20849	Rock	7.6	0.025	0.13	1.2	47	0.7	2.9	37	31.6
20850	Rock	8.0	0.020	0.20	0.9	39	0.3	2.6	26	32.2
20851	Rock	9.6	0.032	0.22	1.3	48	0.7	4.2	3186	41.3
20852	Rock	6.0	0.017	0.15	0.8	41	0.3	2.9	17	28.5
20853	Rock	10.5	0.030	0.20	1.7	44	0.9	3.8	34	46.3
20854	Rock	8.6	0.047	0.23	1.4	59	0.3	3.6	36	50.4
20855	Rock	<0.2	<0.005	<0.02	<0.1	37	0.2	2.6	8	<0.5
20856	Rock	3.0	0.017	0.19	0.8	43	1.0	1.7	14	16.1
20857	Rock	6.0	0.017	0.10	1.2	41	0.8	2.3	14	29.8
20858	Rock	18.0	0.071	0.29	2.9	78	0.6	6.4	68	112.0
20859	Rock	5.3	0.020	0.23	0.9	40	0.7	2.9	13	37.2
20860	Rock	6.2	0.019	0.23	1.1	41	0.6	2.5	7	33.5
20861	Rock	9.5	0.027	0.19	1.7	44	0.8	3.9	12	50.5
20862	Rock	8.3	0.039	0.30	1.3	53	0.9	3.3	8	43.3
20863	Rock	1.3	0.011	0.04	0.4	30	0.4	1.5	7	9.0
20864	Rock	<0.2	<0.005	<0.02	<0.1	30	0.2	1.1	10	1.1
21191	Rock	11.0	0.055	0.83	2.3	81	0.4	6.1	60	87.5
21192	Rock	4.9	0.017	0.07	0.9	39	0.6	3.5	24	32.5
21193	Rock	2.2	0.010	0.05	0.4	35	0.7	1.3	18	14.1
21194	Rock	2.3	0.023	0.07	0.5	37	0.6	1.0	34	13.6
21195	Rock	0.5	<0.005	<0.02	<0.1	27	0.4	0.3	31	1.2
21196	Rock	0.4	<0.005	<0.02	<0.1	25	0.2	0.3	292	0.8
21197	Rock	25.8	0.016	0.50	2.3	85	10.6	1.5	30	26.3
21198	Rock	8.9	0.038	0.33	1.0	54	0.5	3.1	256	41.6
21199	Rock	5.7	0.042	0.17	1.0	42	0.9	6.2	37	43.1
21200	Rock	7.1	0.028	0.25	1.1	51	0.4	3.4	45	34.4
21101	Rock	7.7	0.022	0.25	1.0	48	0.3	3.9	23	35.0
21102	Rock	2.3	0.010	0.18	0.2	32	0.3	0.5	178	7.6
21103	Rock	7.1	0.021	0.20	1.2	44	0.4	3.7	112	27.8
21104	Rock	4.9	0.013	0.16	0.6	37	0.3	2.6	15	19.3
21105	Rock	7.7	0.025	0.19	1.1	51	0.4	3.9	166	35.5
21106	Rock	6.1	0.025	0.19	0.9	46	0.4	2.4	383	31.5

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11-360-06071-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21107	Rock	5.0	0.023	0.07	1.1	40	0.3	5.9	10	33.4
21108	Rock	4.9	0.042	0.09	1.3	63	0.3	16.8	28	33.2
21109	Rock	17.9	0.129	0.65	5.6	113	0.6	9.6	95	132.1
21110	Rock	13.5	0.059	0.20	1.7	66	0.4	5.3	29	83.4
21111	Rock	1.9	0.010	0.06	0.9	35	0.3	3.6	41	7.5
21112	Rock	6.2	0.025	0.29	1.1	43	0.9	3.2	12	39.0
21113	Rock	7.0	0.044	0.16	1.5	63	0.7	5.8	32	40.1
21114	Rock	15.8	0.072	0.16	3.3	76	0.9	9.5	91	97.0
20707	Rock	0.2	<0.005	0.02	<0.1	29	0.4	0.2	410	0.9
20708	Rock	<0.2	<0.005	<0.02	<0.1	20	0.2	0.3	6	0.9
20709	Rock	0.2	<0.005	<0.02	0.2	23	0.2	0.4	80	0.7
20710	Rock	5.5	0.029	0.26	1.3	33	1.3	2.9	8	25.2
20711	Rock	3.1	0.027	0.25	0.6	37	0.6	1.6	7	17.6
20712	Rock	5.3	0.041	0.35	1.1	41	1.3	2.7	6	33.2
20713	Rock	1.7	0.007	0.02	0.2	29	0.3	0.8	21	6.5
20714	Rock	4.7	0.025	0.20	0.7	40	0.1	2.8	31	22.8
20715	Rock	8.4	0.036	0.32	0.9	45	0.3	3.8	33	37.7
20716	Rock	<0.2	<0.005	<0.02	<0.1	28	0.1	<0.1	8	0.6
20717	Rock	8.2	0.060	0.08	0.9	63	0.3	11.6	39	29.5
20718	Rock	0.5	<0.005	0.05	0.1	31	0.3	0.3	4	3.1
20719	Rock	6.1	0.021	0.10	1.8	34	0.6	3.9	45	30.2
20720	Rock	7.3	0.021	0.06	1.2	40	0.7	2.7	11	37.3
20721	Rock	2.8	0.017	0.05	0.4	36	0.2	0.9	15	10.3
20722	Rock	11.1	0.034	0.24	1.7	45	1.2	4.7	7	64.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Pb Pb-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20841	Rock				3.44	0.28	16.6	18	0.11	0.44	0.01	8.50	0.94	6.1	322
20841 Dup					3.44	0.28	14.9	18	0.15	0.42	0.01	8.26	1.17	5.2	288
QCV1108-01617-0002-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					61.22										
20859	Rock				0.08	1.93	>10000	123	0.29	2.79	0.01	0.04	23.18	4.0	227
20859 Dup					0.08	2.16	>10000	129	0.30	2.88	0.01	<0.02	24.16	4.3	231
QCV1108-01617-0005-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					63.92										
21103	Rock				1.30	2.14	3281.1	87	0.42	0.67	0.02	1.76	31.93	3.7	245
21103 Dup					1.23	2.17	3324.9	83	0.44	0.65	0.02	1.68	32.86	3.9	237
QCV1108-01617-0008-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					66.60										
20713	Rock				0.07	0.53	12.2	10	<0.05	0.18	<0.01	0.03	7.60	4.1	254
20713 Dup					0.07	0.53	13.5	10	0.05	0.19	<0.01	<0.02	7.44	3.8	240
QCV1108-01617-0011-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
QCV1108-01617-0012-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-OREAS94-4A expected					3.37					8.02				23.1	
STD-OREAS94-4A result					3.93		12.2	447	2.63	8.45		0.16	93.98	23.6	
20841	Rock	0.294													
20841 Dup		0.264													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.772													
20859	Rock	0.100													
20859 Dup		0.109													
QCV1108-01618-0004-BLK		<0.005													
21103	Rock	0.090													
21103 Dup		0.093													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.823													
20713	Rock	0.014													
20713 Dup		0.018													
QCV1108-01618-0008-BLK		<0.005													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20841	Rock	0.21	6914.2	1.62	0.83	<0.05	0.3	1.46	0.08	<0.5	1.7	<0.01	29	1.11	<0.01
20841 Dup		0.22	6774.6	1.59	0.76	<0.05	0.2	1.50	0.08	<0.5	1.6	<0.01	29	0.80	<0.01
QCV1108-01617-0002-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1037.3												
20859	Rock	0.78	37.9	1.61	5.20	0.26	1.1	0.02	0.62	11.0	7.0	0.05	33	0.60	0.03
20859 Dup		0.77	41.8	1.78	5.42	0.45	1.2	0.02	0.67	11.5	7.5	0.06	36	0.62	0.03
QCV1108-01617-0005-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1027.5												
21103	Rock	0.97	47.4	2.93	4.79	<0.05	1.0	0.09	0.54	13.5	26.3	0.60	190	1.67	0.02
21103 Dup		0.92	48.2	2.93	4.98	<0.05	1.0	0.09	0.57	13.5	25.4	0.61	188	1.68	0.02
QCV1108-01617-0008-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1032.8												
20713	Rock	0.24	14.1	1.74	1.71	<0.05	0.2	<0.01	0.05	3.7	15.1	0.19	132	1.10	0.02
20713 Dup		0.22	13.5	1.73	1.75	<0.05	0.2	<0.01	0.05	3.5	14.9	0.19	134	1.20	0.01
QCV1108-01617-0011-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
QCV1108-01617-0012-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-OREAS94-4A expected			11400												
STD-OREAS94-4A result		7.13	>10000		18.41		4.0	1.20		45.5	26.6			1.09	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20841	Rock	0.8	17.2	<10	400.2	4.5	<0.002	1.196	1.06	0.4	1.8	1.8	2.8	<0.05	<0.05
20841 Dup		0.6	11.4	<10	397.9	4.3	<0.002	1.078	0.99	0.3	1.7	1.4	2.8	<0.05	<0.05
QCV1108-01617-0002-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20859	Rock	1.0	4.9	64	4.4	28.9	<0.002	0.339	10.98	2.2	1.1	3.7	58.7	0.09	0.16
20859 Dup		1.2	5.2	73	4.8	31.6	<0.002	0.380	12.00	2.3	1.1	4.0	63.3	0.11	0.08
QCV1108-01617-0005-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
21103	Rock	0.7	12.8	97	377.5	29.8	0.003	0.681	7.14	2.5	<1.0	4.3	18.7	0.07	<0.05
21103 Dup		0.8	12.2	97	361.8	30.4	0.003	0.716	7.15	2.6	<1.0	4.3	18.0	0.08	<0.05
QCV1108-01617-0008-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20713	Rock	0.3	8.4	42	20.3	2.8	<0.002	0.488	0.50	0.8	<1.0	0.3	3.9	<0.05	<0.05
20713 Dup		0.3	8.4	36	19.1	2.9	<0.002	0.497	0.48	0.8	1.7	0.2	4.3	<0.05	<0.05
QCV1108-01617-0011-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
QCV1108-01617-0012-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-OREAS94-4A expected					30.9			1.380	2.36		12.9	22.6			
STD-OREAS94-4A result		14.3	44.3		34.4	192.6	0.003	1.344	2.86	13.1	14.2	21.8	34.7	1.38	<0.05

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Northern Tiger Resources
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Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20841	Rock	1.2	<0.005	0.03	<0.1	28	0.3	0.2	3162	2.4
20841 Dup		0.8	<0.005	0.03	<0.1	30	0.3	0.2	3121	1.6
QCV1108-01617-0002-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20859	Rock	5.3	0.020	0.23	0.9	40	0.7	2.9	13	37.2
20859 Dup		5.4	0.021	0.24	1.0	45	0.6	3.3	13	34.6
QCV1108-01617-0005-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
21103	Rock	7.1	0.021	0.20	1.2	44	0.4	3.7	112	27.8
21103 Dup		7.4	0.019	0.20	1.1	44	0.4	3.8	111	29.1
QCV1108-01617-0008-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20713	Rock	1.7	0.007	0.02	0.2	29	0.3	0.8	21	6.5
20713 Dup		1.8	0.007	<0.02	0.2	29	0.2	0.9	21	7.3
QCV1108-01617-0011-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1108-01617-0012-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected									171	
STD-OREAS94-4A result		18.0		0.90	3.4			25.9	181	117.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 4**
Description: **3 ACE**

Date Received: 08/31/2011
Date Completed: 09/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	36	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20101	Rock	<0.005	0.22	1.97	3.0	100	0.47	0.09	5.49	0.34	15.25	5.8	117	1.51	12.5
20102	Rock	0.021	0.08	0.46	44.9	22	0.09	0.02	0.02	0.16	4.04	4.4	189	0.50	13.7
20103	Rock	0.284	0.45	>10	358.6	849	7.32	0.39	0.03	1.54	122.57	1427.0	131	20.63	1456.6
20104	Rock	0.010	0.04	0.17	22.8	7	<0.05	<0.01	0.02	<0.02	0.64	3.0	161	0.28	7.7
20105	Rock	<0.005	3.34	2.22	3.6	85	0.33	0.06	1.79	0.10	18.99	4.7	134	0.90	5300.2
20408	Rock	<0.005	0.14	0.36	28.6	20	0.07	0.03	0.11	0.05	4.11	1.6	129	0.58	15.3
20409	Rock	0.033	0.32	2.27	406.8	119	0.42	0.05	0.05	0.45	23.39	1.2	209	2.20	22.1
20410	Rock	<0.005	0.21	2.56	91.0	137	0.58	0.29	0.06	0.04	25.16	5.1	185	1.87	10.4
21451	Rock	0.009	0.11	1.23	1317.1	85	0.53	0.03	0.04	0.07	16.74	1.6	152	0.81	9.3
21452	Rock	<0.005	0.08	0.98	1141.0	59	0.43	0.05	0.02	0.32	11.46	1.4	170	0.61	7.8
21453	Rock	0.008	0.05	0.22	697.4	12	0.10	0.01	0.04	0.05	2.52	0.8	125	0.21	7.1
21454	Rock	0.045	0.04	0.25	3004.6	17	0.11	0.05	0.01	0.07	3.36	1.0	161	0.28	4.3
21455	Rock	0.252	0.14	0.98	>10000	58	0.41	0.13	0.04	0.14	8.39	3.4	202	0.64	6.8
21456	Rock	2.453	0.05	0.44	521.5	29	0.17	0.02	0.03	0.10	4.07	1.6	250	0.35	7.0
21457	Rock	<0.005	0.05	0.41	125.0	26	0.15	0.02	0.06	0.03	4.93	1.4	234	0.39	6.6
21458	Rock	0.016	0.18	0.62	1392.7	36	0.20	0.02	0.02	0.13	8.09	1.4	187	0.40	8.2
21459	Rock	0.021	0.17	0.51	1325.2	31	0.24	0.04	0.01	0.11	5.45	0.8	189	0.40	5.6
21460	Rock	<0.005	0.40	0.72	309.5	48	0.31	0.02	0.02	0.09	7.82	0.6	177	0.50	7.0
21461	Rock	<0.005	0.09	0.30	521.3	21	0.17	0.02	0.03	0.04	3.69	1.1	145	0.28	7.2
21462	Rock	0.049	0.06	0.85	3333.5	42	0.31	0.05	0.03	0.09	12.89	2.2	158	0.63	5.4
21463	Rock	0.031	0.20	1.14	1951.8	65	0.45	0.15	0.03	0.09	15.44	2.3	158	0.69	9.8
21464	Rock	0.021	0.18	0.87	2268.6	54	0.28	0.22	0.02	0.18	8.91	1.0	168	0.68	6.3
21465	Rock	0.011	0.06	0.92	1827.7	49	0.40	0.03	0.02	0.16	10.39	1.5	197	0.63	5.5
IO34672	Rock	0.211	0.08	0.35	1344.7	21	0.23	0.02	0.01	0.04	3.63	1.4	208	0.40	9.1
IO34673	Rock	1.837	0.19	0.84	2050.2	48	0.33	0.07	0.03	0.18	11.29	0.8	140	2.11	6.1
21351	Rock	0.012	0.15	1.70	26.8	125	0.59	0.08	0.03	<0.02	17.73	1.0	213	1.06	11.5
21352	Rock	<0.005	0.54	2.04	7.1	63	0.34	0.27	0.08	0.05	19.83	4.5	183	0.95	79.3
21353	Rock	0.007	0.11	2.96	674.8	40	0.27	0.05	0.02	0.06	33.55	3.1	193	0.61	10.9
21354	Rock	0.060	0.09	1.92	1478.3	18	0.16	0.06	0.03	0.02	18.24	2.2	169	0.42	6.5
21355	Rock	<0.005	0.47	0.08	6.1	10	<0.05	0.84	0.02	0.03	1.07	1.2	193	0.15	6.1
21356	Rock	0.153	0.15	3.90	874.0	147	0.78	0.12	0.02	<0.02	40.60	3.7	153	12.62	15.0
21401	Rock	0.128	0.13	3.15	4894.4	59	0.30	0.03	0.04	0.06	17.83	3.3	161	0.80	6.0
21402	Rock	0.015	0.71	6.46	49.2	196	1.75	10.91	0.08	0.02	70.86	66.7	92	2.53	44.9
21403	Rock	<0.005	0.15	5.88	11.4	411	1.42	0.13	0.15	0.06	54.10	7.5	177	2.43	16.6
21404	Rock	0.268	11.87	0.17	602.4	22	0.06	0.23	<0.01	3.71	3.89	0.6	167	0.22	60.2
21405	Rock	0.013	0.46	0.03	37.0	5	<0.05	0.03	<0.01	<0.02	0.48	1.3	183	0.12	12.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20101	Rock	1.65	5.37	1.38	7.4	0.03	0.43	8.2	71.9	0.29	2287	0.41	0.12	2.6	12.5
20102	Rock	1.00	1.49	1.08	0.2	<0.01	0.13	1.8	13.8	0.04	618	0.43	<0.01	0.2	8.2
20103	Rock	5.83	34.86	2.01	5.2	0.09	4.09	50.7	217.7	0.35	>10000	0.52	0.29	8.1	266.6
20104	Rock	0.30	0.60	1.38	<0.1	<0.01	0.02	<0.5	24.1	<0.01	36	0.55	<0.01	0.1	5.2
20105	Rock	1.08	4.32	0.86	1.0	0.13	0.44	8.7	3.2	0.05	254	0.43	0.99	0.9	6.3
20408	Rock	0.44	1.02	0.89	0.2	<0.01	0.09	1.8	5.2	0.01	217	0.32	0.01	0.2	4.0
20409	Rock	0.70	5.74	1.22	2.0	0.03	0.85	10.8	6.4	0.06	39	0.46	0.07	1.4	4.2
20410	Rock	1.40	7.01	0.97	1.6	0.01	0.70	11.2	22.2	0.28	609	0.40	0.20	1.3	16.7
21451	Rock	0.63	4.39	1.26	1.0	<0.01	0.46	7.6	4.3	0.06	40	0.54	0.05	0.9	10.1
21452	Rock	0.57	3.04	1.17	0.7	0.02	0.32	5.4	4.3	0.05	42	0.43	0.05	0.7	5.2
21453	Rock	0.30	0.63	1.23	<0.1	<0.01	0.05	1.1	0.8	<0.01	36	0.46	0.05	0.2	3.7
21454	Rock	0.54	0.83	1.31	0.2	<0.01	0.07	1.6	1.8	<0.01	27	0.55	<0.01	0.3	3.8
21455	Rock	1.58	3.41	1.63	0.7	0.01	0.30	4.1	3.1	0.04	43	0.69	0.22	0.6	9.6
21456	Rock	0.48	1.62	1.32	0.2	<0.01	0.14	2.0	1.8	0.02	54	0.58	0.06	0.4	5.4
21457	Rock	0.41	1.49	1.24	0.2	<0.01	0.12	2.5	2.6	0.03	49	0.68	0.02	0.4	5.7
21458	Rock	0.52	1.72	1.21	0.4	<0.01	0.15	3.6	2.0	0.02	38	0.62	<0.01	0.4	5.2
21459	Rock	0.42	1.78	1.38	0.4	<0.01	0.15	2.6	2.3	0.02	30	0.48	<0.01	0.4	4.4
21460	Rock	0.37	2.78	1.26	0.5	0.01	0.26	3.8	2.5	0.03	28	0.46	0.01	0.5	3.8
21461	Rock	0.34	1.03	1.28	0.2	<0.01	0.09	1.8	1.0	0.01	27	0.51	0.02	0.2	4.2
21462	Rock	0.78	2.18	1.19	1.0	<0.01	0.19	6.0	4.0	0.03	49	0.49	0.01	0.6	5.5
21463	Rock	0.76	3.58	1.07	1.1	<0.01	0.33	7.3	6.9	0.04	59	0.45	0.03	0.8	5.6
21464	Rock	0.68	2.68	1.14	0.7	0.01	0.25	4.1	5.3	0.03	47	0.48	<0.01	0.6	4.4
21465	Rock	0.57	2.57	1.13	0.8	<0.01	0.24	4.8	6.4	0.03	34	0.49	<0.01	0.5	5.9
IO34672	Rock	0.81	1.44	1.75	0.1	<0.01	0.13	1.6	1.2	0.02	56	0.45	<0.01	0.2	6.0
IO34673	Rock	0.48	3.52	2.59	0.9	<0.01	0.27	5.2	67.3	0.03	28	0.36	0.01	0.6	3.3
21351	Rock	0.84	5.22	1.52	0.8	0.01	0.60	8.9	17.6	0.14	68	0.53	0.03	1.9	7.1
21352	Rock	2.10	5.69	2.02	0.5	0.02	0.36	9.5	46.5	0.41	285	0.41	0.11	1.4	16.1
21353	Rock	1.09	5.16	1.13	2.4	<0.01	0.12	15.7	24.4	0.06	408	0.47	1.71	1.3	9.0
21354	Rock	0.83	3.25	1.37	1.3	<0.01	0.05	8.5	2.2	0.01	123	0.45	1.40	1.3	6.5
21355	Rock	0.33	0.31	1.00	<0.1	<0.01	0.02	0.5	0.9	<0.01	207	0.53	0.01	0.1	4.5
21356	Rock	1.85	10.24	1.16	2.5	0.02	1.08	19.3	7.4	0.16	196	0.36	0.13	1.2	8.2
21401	Rock	1.45	5.15	1.37	1.7	0.01	0.36	8.1	1.6	0.04	393	0.43	1.78	1.0	7.9
21402	Rock	>10	16.26	2.50	2.7	0.05	1.61	34.0	72.8	1.09	507	0.40	0.11	10.8	69.6
21403	Rock	3.21	15.00	1.29	3.2	0.04	1.78	25.0	37.1	0.64	549	0.42	0.71	2.6	23.6
21404	Rock	0.71	0.67	1.00	0.1	0.14	0.07	1.9	1.3	<0.01	24	0.50	<0.01	1.6	3.4
21405	Rock	0.38	0.14	1.07	<0.1	<0.01	<0.01	<0.5	0.4	<0.01	22	0.46	<0.01	0.9	7.0

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11-360-06447-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20101	Rock	76	37.4	24.6	<0.002	0.050	0.39	4.3	<1.0	0.6	260.5	0.34	0.06	7.5	0.013
20102	Rock	22	5.9	8.1	0.002	<0.01	0.33	0.7	<1.0	0.5	2.9	<0.05	<0.05	1.1	<0.005
20103	Rock	356	33.8	259.0	0.004	0.037	2.71	21.4	<1.0	2.9	110.9	1.11	0.13	25.0	0.135
20104	Rock	<10	2.4	1.4	<0.002	<0.01	0.35	0.2	<1.0	0.3	2.1	<0.05	<0.05	0.3	<0.005
20105	Rock	90	4.7	22.7	<0.002	0.207	0.59	1.8	<1.0	0.9	121.4	0.09	<0.05	4.9	0.011
20408	Rock	52	9.8	5.1	<0.002	<0.01	0.18	0.5	<1.0	0.3	4.0	<0.05	<0.05	1.0	<0.005
20409	Rock	102	125.9	46.2	0.002	0.070	1.24	2.1	<1.0	5.7	16.2	0.15	<0.05	7.6	0.021
20410	Rock	72	61.1	36.5	<0.002	<0.01	0.34	3.2	<1.0	0.7	15.9	0.15	<0.05	6.7	0.027
21451	Rock	95	3.9	23.0	<0.002	0.041	0.96	1.6	<1.0	0.6	8.0	0.07	<0.05	4.6	0.019
21452	Rock	25	13.9	16.1	<0.002	0.042	0.84	1.4	<1.0	0.4	5.6	0.07	<0.05	3.7	0.013
21453	Rock	<10	4.3	2.5	<0.002	0.028	0.61	0.3	<1.0	0.2	2.8	<0.05	<0.05	0.5	<0.005
21454	Rock	14	2.6	4.5	<0.002	0.056	3.16	0.3	<1.0	0.3	4.2	<0.05	0.09	1.1	<0.005
21455	Rock	117	7.9	16.2	<0.002	0.540	6.76	1.2	<1.0	0.5	14.2	<0.05	0.11	3.6	0.010
21456	Rock	54	8.9	7.4	<0.002	0.017	0.69	0.6	<1.0	0.4	7.0	<0.05	<0.05	1.0	0.007
21457	Rock	19	3.1	6.8	<0.002	<0.01	0.45	0.6	<1.0	0.3	5.0	<0.05	<0.05	1.3	0.007
21458	Rock	36	4.5	8.4	<0.002	0.040	1.10	0.8	<1.0	0.4	4.6	<0.05	<0.05	2.5	0.007
21459	Rock	16	9.3	8.1	<0.002	0.041	0.90	0.6	<1.0	0.3	3.3	<0.05	<0.05	1.9	0.006
21460	Rock	13	5.7	13.7	<0.002	<0.01	0.48	0.9	<1.0	0.4	4.0	<0.05	<0.05	2.5	0.011
21461	Rock	<10	3.8	5.1	<0.002	0.017	0.56	0.4	<1.0	0.3	2.2	<0.05	<0.05	0.9	<0.005
21462	Rock	45	7.2	10.2	<0.002	0.121	1.90	1.0	<1.0	0.4	6.6	0.05	0.05	5.2	0.011
21463	Rock	54	40.9	17.8	<0.002	0.062	1.20	1.5	<1.0	0.5	6.8	0.07	0.05	5.6	0.016
21464	Rock	29	65.6	13.8	<0.002	0.044	2.03	1.1	<1.0	0.4	9.6	<0.05	0.09	4.0	0.011
21465	Rock	36	3.8	13.2	<0.002	0.044	1.31	1.0	<1.0	0.4	12.1	0.06	<0.05	4.2	0.009
IO34672	Rock	26	6.7	8.0	<0.002	0.076	1.72	0.7	<1.0	0.4	3.3	<0.05	<0.05	0.7	<0.005
IO34673	Rock	66	15.7	17.9	<0.002	0.064	2.64	1.0	<1.0	0.5	16.0	0.05	0.05	4.2	0.011
21351	Rock	94	17.9	34.1	<0.002	<0.01	0.72	2.8	<1.0	0.7	13.7	0.13	0.05	3.8	0.025
21352	Rock	244	976.2	20.4	0.002	0.021	0.80	3.2	<1.0	0.6	24.7	0.10	<0.05	4.2	0.019
21353	Rock	61	10.2	6.5	<0.002	0.029	1.28	2.5	<1.0	0.4	68.5	0.14	<0.05	12.3	0.022
21354	Rock	88	7.2	3.0	<0.002	0.081	2.24	1.1	<1.0	0.3	65.9	0.08	<0.05	6.7	0.011
21355	Rock	<10	464.8	1.2	<0.002	<0.01	0.13	0.2	<1.0	0.3	2.3	<0.05	<0.05	0.2	<0.005
21356	Rock	74	17.0	79.1	<0.002	0.207	1.54	4.3	<1.0	0.8	19.9	0.15	<0.05	13.4	0.025
21401	Rock	80	12.0	19.1	<0.002	0.347	4.12	2.2	<1.0	1.2	61.5	0.11	0.07	8.8	0.018
21402	Rock	666	464.8	79.8	<0.002	5.250	0.98	10.7	1.5	1.4	45.6	0.81	1.22	12.3	0.166
21403	Rock	102	17.2	90.0	<0.002	0.032	0.53	7.6	<1.0	1.6	53.7	0.30	0.12	15.9	0.065
21404	Rock	<10	3507.5	3.5	<0.002	0.282	10.19	0.3	1.9	0.6	3.3	<0.05	<0.05	0.6	<0.005
21405	Rock	<10	12.1	0.4	<0.002	0.039	0.39	0.1	2.5	0.3	1.3	<0.05	<0.05	<0.2	<0.005

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11-360-06447-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20101	Rock	0.15	0.9	28	0.3	4.9	60	17.7
20102	Rock	0.05	0.2	6	0.3	0.9	38	5.3
20103	Rock	1.76	8.4	173	8.6	17.6	336	107.2
20104	Rock	<0.02	0.1	3	0.2	0.2	6	0.8
20105	Rock	0.15	0.7	17	0.2	5.1	27	20.8
20408	Rock	0.03	0.2	4	0.1	1.1	10	5.0
20409	Rock	0.29	1.1	25	0.8	2.9	34	48.9
20410	Rock	0.21	1.0	38	0.3	4.1	39	37.0
21451	Rock	0.13	0.6	17	0.8	2.0	14	21.8
21452	Rock	0.08	0.4	12	0.7	1.3	85	15.2
21453	Rock	<0.02	0.1	3	0.1	0.3	9	2.6
21454	Rock	0.02	0.2	4	0.3	0.4	7	4.0
21455	Rock	0.08	0.4	12	0.8	1.3	13	14.0
21456	Rock	0.04	0.2	6	0.3	0.6	13	4.4
21457	Rock	0.03	0.2	6	0.4	0.6	11	5.4
21458	Rock	0.05	0.3	7	0.4	0.9	11	10.4
21459	Rock	0.04	0.3	7	0.4	0.7	19	8.6
21460	Rock	0.07	0.3	11	0.5	1.2	14	12.4
21461	Rock	0.03	0.2	4	0.2	0.5	10	10.2
21462	Rock	0.05	0.7	10	0.4	1.6	17	20.8
21463	Rock	0.08	0.7	15	0.7	1.8	23	23.8
21464	Rock	0.07	0.5	11	0.5	1.2	26	14.9
21465	Rock	0.06	0.6	9	0.5	1.6	24	17.2
IO34672	Rock	0.04	0.3	4	0.4	1.6	13	3.1
IO34673	Rock	0.10	0.5	11	1.4	2.2	8	21.2
21351	Rock	0.19	0.7	24	1.5	1.9	15	16.4
21352	Rock	0.10	0.7	33	0.2	2.1	56	12.3
21353	Rock	0.04	1.2	27	1.1	3.6	25	57.0
21354	Rock	0.02	0.8	12	0.9	2.0	12	37.7
21355	Rock	<0.02	0.2	2	0.1	0.3	8	0.8
21356	Rock	0.44	1.9	50	0.8	3.9	24	58.5
21401	Rock	0.10	0.9	23	1.3	3.0	17	40.7
21402	Rock	0.41	2.0	98	1.1	8.6	103	75.8
21403	Rock	0.45	2.0	90	0.4	5.5	66	74.4
21404	Rock	0.03	0.1	4	0.1	0.3	312	3.5
21405	Rock	<0.02	<0.1	2	0.2	<0.1	7	0.5

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11-360-06447-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20101	Rock		0.22	1.97	3.0	100	0.47	0.09	5.49	0.34	15.25	5.8	117	1.51	12.5
20101 Dup			0.22	1.93	3.4	102	0.54	0.09	5.37	0.32	15.96	5.4	116	1.52	12.5
QCV1109-00124-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.21												1011.2
21461	Rock		0.09	0.30	521.3	21	0.17	0.02	0.03	0.04	3.69	1.1	145	0.28	7.2
21461 Dup			0.07	0.30	526.4	21	0.17	0.02	0.05	0.05	3.72	1.3	156	0.29	7.1
QCV1109-00124-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.76												1025.4
QCV1109-00124-0007-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.69		8.3	393	2.52	8.21		0.11	83.37	22.7		6.47	>10000
20101	Rock	<0.005													
20101 Dup		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.382													
21461	Rock	<0.005													
21461 Dup		<0.005													
QCV1109-00125-0004-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.847													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20101	Rock	1.65	5.37	1.38	7.4	0.03	0.43	8.2	71.9	0.29	2287	0.41	0.12	2.6	12.5
20101 Dup		1.66	5.53	1.57	1.3	0.04	0.40	8.6	71.8	0.28	2284	0.39	0.11	1.7	13.9
QCV1109-00124-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
21461	Rock	0.34	1.03	1.28	0.2	<0.01	0.09	1.8	1.0	0.01	27	0.51	0.02	0.2	4.2
21461 Dup		0.34	0.98	1.28	0.2	<0.01	0.09	1.8	1.0	0.01	25	0.41	0.02	0.2	3.8
QCV1109-00124-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result												5.29			
QCV1109-00124-0007-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.15		4.8	1.04		40.7	24.8			0.90		15.0	41.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20101	Rock	76	37.4	24.6	<0.002	0.050	0.39	4.3	<1.0	0.6	260.5	0.34	0.06	7.5	0.013
20101 Dup		110	36.6	24.9	0.003	0.050	0.36	3.8	<1.0	0.6	264.1	0.17	0.05	4.7	0.019
QCV1109-00124-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
21461	Rock	<10	3.8	5.1	<0.002	0.017	0.56	0.4	<1.0	0.3	2.2	<0.05	<0.05	0.9	<0.005
21461 Dup		<10	3.9	5.0	<0.002	0.018	0.57	0.4	<1.0	0.3	2.2	<0.05	<0.05	1.0	<0.005
QCV1109-00124-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1109-00124-0007-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.9	176.2	0.004	1.253	2.30	13.4	13.5	20.8	31.6	1.29	0.07	22.3	

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11-360-06447-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20101	Rock	0.15	0.9	28	0.3	4.9	60	17.7
20101 Dup		0.16	0.9	29	0.3	5.1	58	17.6
QCV1109-00124-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
21461	Rock	0.03	0.2	4	0.2	0.5	10	10.2
21461 Dup		0.02	0.2	4	0.3	0.5	11	4.7
QCV1109-00124-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1109-00124-0007-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.82	3.1			24.2	182	115.2

INSPECTORATE
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Inspectorate Exploration & Mining Services Ltd.
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 5**
Description: **3 ACE**

Date Received: 09/08/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20865	Rock		0.039	0.33	2.12	4.0	78	0.32	0.17	0.04	<0.02	17.55	4.8	161	0.64
20866	Rock		0.018	0.91	2.05	6.9	75	0.41	0.21	0.01	<0.02	19.02	1.3	178	1.08
20867	Rock		0.010	0.11	1.27	19.5	63	0.18	0.20	0.01	<0.02	14.37	1.5	185	0.60
20868	Rock		0.089	0.42	1.99	25.7	120	0.51	0.35	0.02	<0.02	13.46	1.4	144	1.81
20869	Rock		0.011	0.15	1.17	18.6	53	0.26	0.26	0.01	<0.02	16.09	0.6	217	0.76
20870	Rock		0.021	0.11	2.17	8.7	77	0.49	0.30	0.01	<0.02	22.75	1.1	159	1.10
20871	Rock		0.059	0.36	1.04	30.3	70	0.36	0.20	0.01	<0.02	7.06	1.1	178	1.99
20872	Rock		0.051	0.14	3.69	20.9	234	0.80	0.98	0.01	<0.02	41.89	1.4	152	2.68
20873	Rock		0.108	0.29	1.39	20.4	100	0.49	1.83	0.01	<0.02	14.41	1.3	172	1.19
20874	Rock		0.017	0.08	0.45	4.2	13	0.06	0.23	<0.01	<0.02	4.93	1.0	148	0.33
20875	Rock		0.023	0.06	2.05	3.9	70	0.32	0.41	0.01	<0.02	23.52	0.7	235	0.90
20876	Rock		0.028	0.11	2.34	16.6	72	0.44	0.34	0.01	<0.02	25.65	1.5	186	1.09
20877	Rock		0.064	0.18	0.59	13.4	34	0.16	0.67	0.02	<0.02	11.78	1.7	174	0.58
20878	Rock		0.026	0.12	2.55	34.9	60	0.43	0.77	0.02	<0.02	19.84	3.7	179	0.91
20879	Rock		0.054	0.32	2.17	17.6	58	0.50	0.78	0.01	<0.02	22.91	1.5	166	2.18
20880	Rock		0.061	0.96	2.03	155.6	124	0.42	2.94	0.02	0.03	16.50	0.8	102	1.43
21115	Rock		0.013	0.10	0.85	6.7	25	0.12	0.37	0.05	<0.02	6.57	3.2	206	0.32
21116	Rock		<0.005	0.34	2.04	18.5	125	0.29	0.78	0.01	0.09	21.97	0.6	162	1.19
21117	Rock		0.010	0.12	2.42	18.2	73	0.54	0.63	0.04	<0.02	26.92	16.2	136	1.14
21118	Rock		0.006	0.08	2.14	193.8	45	0.38	0.25	0.01	<0.02	20.26	0.9	192	0.88
21119	Rock		7.229	1.68	0.10	>10000	14	<0.05	1115.85	0.02	0.04	5.24	2.1	178	0.33
21120	Rock	17.927	>10	6.37	0.29	>10000	31	0.10	575.13	0.01	0.05	4.63	2.8	53	0.46
21121	Rock		0.042	0.44	3.24	542.6	45	0.53	5.37	0.03	0.10	32.30	22.6	142	0.62
21122	Rock		0.040	0.15	2.10	179.6	96	0.33	0.77	0.01	<0.02	18.60	2.2	152	1.42
21123	Rock		0.008	0.11	1.52	50.9	99	0.34	1.46	0.01	<0.02	19.28	0.8	121	0.85
21124	Rock		0.020	0.43	1.90	54.3	93	0.41	0.58	<0.01	<0.02	20.37	0.6	160	2.01
21125	Rock		0.014	0.10	2.11	50.6	118	0.45	0.55	0.01	<0.02	30.78	1.1	140	1.13
21126	Rock		0.015	0.09	1.53	20.6	79	0.45	0.24	0.05	0.04	17.36	7.7	173	0.64
21127	Rock		0.008	0.08	2.83	36.2	154	0.60	0.34	0.01	<0.02	34.22	1.9	143	1.58
21128	Rock		0.033	0.54	0.93	71.4	36	0.19	2.85	<0.01	<0.02	12.97	1.1	187	0.66
21129	Rock		0.628	0.26	0.67	3340.5	18	0.20	3.12	0.02	0.05	8.58	2.4	258	0.28
21130	Rock		<0.005	0.07	1.97	54.0	69	0.38	0.22	0.01	<0.02	26.82	1.0	153	1.44
20723	Rock		0.099	0.13	2.38	>10000	178	0.32	11.49	0.02	<0.02	63.00	32.2	219	1.13
20724	Rock		<0.005	0.17	0.49	42.6	32	0.13	0.22	0.08	0.10	4.69	2.4	138	0.37
20725	Rock		0.008	0.34	1.19	55.5	46	0.27	2.73	0.11	<0.02	8.93	5.1	260	0.40
20726	Rock		<0.005	0.14	0.31	10.8	16	0.07	0.30	0.04	<0.02	3.77	3.0	186	0.16
20727	Rock		0.005	0.17	0.66	10.4	35	0.22	0.17	0.05	<0.02	5.29	2.3	186	0.29
20728	Rock		<0.005	0.10	2.59	36.8	76	0.30	0.14	0.02	<0.02	28.76	1.7	204	1.24
20729	Rock		0.658	0.50	1.27	8310.2	78	0.22	29.34	<0.01	0.04	13.65	3.5	210	1.37
20730	Rock		0.026	0.55	8.60	900.1	436	2.09	6.55	0.27	0.05	77.26	57.8	140	4.63

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Certificate of Analysis

11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20731	Rock		<0.005	0.12	1.76	38.4	43	0.34	0.32	0.02	<0.02	24.17	1.1	223	0.59
20732	Rock		5.917	2.75	0.21	>10000	14	<0.05	303.64	<0.01	<0.02	4.22	6.3	65	0.30
20733	Rock		1.499	0.49	1.28	>10000	72	0.19	42.68	0.01	<0.02	5.09	1.1	187	0.82
20734	Rock		7.005	1.33	1.01	>10000	72	0.14	116.83	0.01	0.02	3.38	5.3	158	1.02
20735	Rock		0.039	0.12	2.29	434.4	93	0.55	0.86	0.01	<0.02	20.35	1.0	196	0.68
20736	Rock		0.418	0.68	1.54	263.9	79	0.47	0.68	0.02	<0.02	9.00	0.8	165	1.82
20737	Rock		0.026	0.10	0.36	89.2	10	0.15	0.46	0.01	<0.02	5.61	0.5	150	0.22
20738	Rock		1.013	0.41	1.66	3658.3	164	0.51	8.98	0.01	0.05	16.00	0.6	170	1.08

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20865	Rock	9.4	3.03	3.74	0.95	8.2	<0.01	0.14	7.7	15.6	0.02	34	0.54	0.01	3.8
20866	Rock	5.2	0.59	4.08	1.29	3.1	<0.01	0.30	8.6	9.4	0.03	17	0.46	0.01	1.4
20867	Rock	5.3	0.84	2.53	1.02	1.3	<0.01	0.25	5.9	4.3	0.02	21	0.45	<0.01	0.7
20868	Rock	7.1	1.78	4.76	1.39	2.0	<0.01	0.40	6.1	20.9	0.04	19	0.36	0.02	1.3
20869	Rock	7.1	0.73	2.62	1.18	1.1	<0.01	0.22	7.3	8.5	0.02	20	0.54	0.01	0.7
20870	Rock	6.7	0.52	4.52	1.05	2.3	<0.01	0.37	10.5	10.7	0.04	20	0.32	<0.01	2.0
20871	Rock	5.0	1.08	2.13	1.46	0.6	<0.01	0.11	3.3	30.7	0.02	18	0.46	0.01	0.4
20872	Rock	10.2	1.48	9.64	1.41	3.7	0.02	1.08	18.5	13.7	0.11	22	0.40	0.04	2.1
20873	Rock	7.2	1.64	3.38	1.34	1.6	<0.01	0.38	6.9	16.6	0.03	18	0.48	0.02	0.9
20874	Rock	4.8	0.65	0.80	1.29	0.2	<0.01	0.04	2.4	2.6	<0.01	21	0.44	<0.01	0.3
20875	Rock	5.8	0.80	4.30	1.17	2.1	<0.01	0.35	10.3	8.0	0.04	21	0.49	<0.01	1.2
20876	Rock	8.7	0.68	4.33	1.31	3.1	<0.01	0.21	11.4	12.5	0.02	16	0.39	<0.01	1.3
20877	Rock	12.8	1.38	1.71	1.28	0.7	<0.01	0.09	5.2	5.9	0.01	24	0.41	<0.01	0.8
20878	Rock	37.2	2.12	4.54	0.95	2.3	0.01	0.34	8.5	10.0	0.03	77	0.46	0.02	1.3
20879	Rock	10.0	1.60	4.06	1.11	1.7	<0.01	0.38	9.9	15.1	0.03	17	0.36	0.02	1.7
20880	Rock	4.9	0.48	3.77	0.84	1.5	0.04	0.55	7.4	6.3	0.04	17	0.32	0.02	0.9
21115	Rock	53.3	1.80	2.07	1.15	0.4	<0.01	0.09	3.6	20.2	0.29	193	0.55	0.05	0.7
21116	Rock	18.9	0.70	3.95	0.91	1.6	0.02	0.41	9.2	12.9	0.04	18	0.36	0.02	1.0
21117	Rock	13.0	1.25	5.07	0.84	2.0	0.01	0.37	12.1	14.6	0.02	117	0.90	0.04	1.3
21118	Rock	13.1	0.89	3.86	0.92	1.7	0.01	0.29	8.9	9.1	0.02	21	0.41	0.02	1.0
21119	Rock	13.7	4.78	0.30	2.33	<0.1	0.03	0.04	2.7	5.4	<0.01	15	0.49	<0.01	0.1
21120	Rock	40.0	>10	1.11	3.89	0.1	0.13	0.11	2.4	6.8	<0.01	14	0.41	<0.01	0.3
21121	Rock	45.5	6.31	9.29	1.61	3.0	0.02	0.19	16.1	88.6	1.47	1333	0.66	0.02	1.6
21122	Rock	17.3	1.65	3.97	1.17	1.6	<0.01	0.34	8.9	31.1	0.03	29	0.65	0.02	1.6
21123	Rock	8.6	0.43	2.95	1.05	1.0	<0.01	0.42	8.7	5.7	0.03	22	0.41	0.02	0.7
21124	Rock	7.8	0.69	4.40	1.08	1.3	<0.01	0.40	9.2	21.9	0.04	17	0.52	0.01	0.9
21125	Rock	6.8	1.00	4.83	1.05	2.1	<0.01	0.46	14.1	8.3	0.05	21	0.37	0.01	1.4
21126	Rock	6.3	1.78	2.64	0.87	0.8	<0.01	0.32	7.7	12.7	0.06	263	0.49	0.01	0.9
21127	Rock	8.1	0.59	6.76	1.01	2.2	<0.01	0.62	14.8	13.8	0.06	18	0.34	0.03	1.2
21128	Rock	6.6	0.45	1.79	1.37	0.9	<0.01	0.12	5.8	4.6	0.01	21	0.53	<0.01	0.6
21129	Rock	15.4	1.46	1.90	1.37	0.4	<0.01	<0.01	3.9	1.6	0.12	30	0.60	0.05	0.3
21130	Rock	8.8	0.52	4.45	1.14	1.5	<0.01	0.33	11.7	6.5	0.07	20	0.38	0.03	0.9
20723	Rock	33.5	3.10	6.63	1.74	2.4	0.03	0.94	29.2	6.5	0.10	25	0.58	0.03	1.1
20724	Rock	396.0	0.52	1.12	1.05	0.1	0.03	0.12	2.5	6.6	0.08	68	0.40	0.03	0.3
20725	Rock	48.2	2.06	2.99	1.37	8.1	<0.01	0.15	4.8	26.2	0.34	224	0.58	0.08	1.0
20726	Rock	42.6	0.79	0.74	1.02	0.2	<0.01	0.05	2.0	6.2	0.06	56	0.41	0.03	0.2
20727	Rock	17.7	0.90	1.46	1.11	0.5	<0.01	0.12	2.7	11.0	0.14	84	0.64	0.10	0.3
20728	Rock	9.2	0.94	4.75	1.12	3.2	0.02	0.55	13.0	11.1	0.04	62	0.40	0.03	1.4
20729	Rock	17.4	1.31	3.34	1.82	1.3	0.01	0.48	6.4	4.3	0.04	21	0.50	0.02	0.6
20730	Rock	35.6	9.13	18.10	2.73	4.2	0.06	1.88	36.6	97.0	1.75	988	0.38	0.10	11.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20731	Rock	5.4	0.49	3.03	0.81	1.9	<0.01	0.23	10.6	6.4	0.02	25	0.57	0.01	0.9
20732	Rock	29.4	>10	0.60	3.73	0.1	0.10	0.06	2.1	2.0	<0.01	7	0.53	<0.01	0.2
20733	Rock	17.5	1.77	3.35	1.83	0.7	0.02	0.34	2.2	2.9	0.13	28	0.37	0.05	0.5
20734	Rock	36.5	6.26	2.61	2.32	0.8	0.06	0.38	1.6	3.4	0.04	18	0.45	0.02	0.4
20735	Rock	4.7	0.72	4.07	0.90	1.5	<0.01	0.36	9.0	11.5	0.03	22	0.49	0.01	1.3
20736	Rock	12.4	2.55	3.33	1.60	0.9	<0.01	0.24	4.1	23.9	0.03	20	0.37	0.03	0.6
20737	Rock	3.6	0.42	0.82	1.36	0.2	<0.01	0.03	2.6	1.8	0.03	22	0.53	0.02	0.2
20738	Rock	16.8	1.35	4.80	1.61	1.1	<0.01	0.67	7.7	5.0	0.06	26	0.42	0.02	1.1

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20865	Rock	12.7	398	13.2	8.3	<0.002	3.108	2.92	3.4	1.0	0.9	152.1	0.90	<0.05	11.1
20866	Rock	3.9	69	2.5	18.2	<0.002	0.402	1.38	1.9	<1.0	0.9	43.3	0.34	<0.05	5.9
20867	Rock	4.2	72	3.7	13.3	<0.002	0.566	1.37	1.4	1.3	0.5	84.1	0.15	<0.05	3.3
20868	Rock	3.5	48	5.3	20.2	<0.002	1.309	39.04	1.9	2.4	0.8	21.3	0.26	<0.05	3.7
20869	Rock	3.5	54	3.8	13.2	<0.002	0.196	2.29	1.0	2.8	0.7	36.6	0.12	<0.05	3.2
20870	Rock	3.1	54	5.4	26.1	<0.002	0.253	0.78	2.4	1.8	0.9	26.8	0.28	<0.05	6.8
20871	Rock	4.3	26	3.5	7.1	<0.002	0.913	25.55	0.7	5.4	0.5	23.0	0.05	<0.05	2.0
20872	Rock	5.9	101	6.2	63.5	<0.002	0.874	10.13	5.5	2.6	4.5	88.3	0.30	<0.05	8.7
20873	Rock	3.8	58	6.0	19.7	<0.002	1.229	23.49	1.3	<1.0	0.8	49.2	0.15	<0.05	3.6
20874	Rock	3.5	36	1.5	3.3	<0.002	0.379	3.69	0.3	3.1	0.3	31.6	<0.05	<0.05	0.8
20875	Rock	3.3	107	2.9	23.3	<0.002	0.371	2.67	2.2	3.3	1.6	118.7	0.19	<0.05	6.1
20876	Rock	3.3	66	2.6	12.8	<0.002	0.371	0.87	1.9	2.3	0.6	53.4	0.21	<0.05	10.1
20877	Rock	3.8	76	2.9	6.3	<0.002	0.668	4.89	0.8	3.3	0.6	49.1	0.07	0.05	2.3
20878	Rock	8.9	80	3.6	17.7	<0.002	1.006	0.76	3.2	2.1	2.0	13.0	0.24	<0.05	7.9
20879	Rock	3.7	59	34.6	25.1	<0.002	1.074	10.83	2.0	2.3	2.2	36.7	0.22	<0.05	4.6
20880	Rock	3.9	139	122.3	29.9	<0.002	0.158	1.50	1.8	1.5	1.1	27.3	0.13	<0.05	5.2
21115	Rock	7.3	185	3.9	5.8	<0.002	0.478	0.68	2.8	1.7	0.3	9.7	0.07	<0.05	1.7
21116	Rock	3.0	70	43.9	26.2	<0.002	0.095	0.88	1.9	1.5	2.8	37.8	0.16	<0.05	6.3
21117	Rock	12.4	113	8.9	19.8	<0.002	0.410	1.25	3.0	1.1	0.5	21.9	0.18	0.17	6.4
21118	Rock	4.3	100	3.1	15.9	<0.002	0.215	1.11	1.9	2.5	2.2	16.9	0.15	<0.05	7.7
21119	Rock	2.6	164	150.6	1.9	<0.002	0.860	42.33	0.3	4.8	0.4	10.6	<0.05	1.01	2.0
21120	Rock	1.0	261	150.1	5.1	<0.002	2.293	122.68	1.4	9.7	0.8	8.7	<0.05	1.52	6.1
21121	Rock	41.0	113	131.4	10.0	<0.002	0.561	2.35	3.5	<1.0	0.7	5.9	0.18	0.11	13.2
21122	Rock	6.7	117	16.2	19.8	<0.002	0.828	2.41	0.8	2.3	0.6	69.2	0.21	<0.05	4.8
21123	Rock	3.5	39	6.6	22.0	<0.002	0.133	0.79	0.9	2.3	1.1	25.5	0.12	<0.05	3.0
21124	Rock	4.1	59	5.0	26.4	<0.002	0.113	1.21	1.8	1.9	0.7	30.2	0.11	<0.05	5.0
21125	Rock	5.2	84	3.8	27.3	<0.002	0.638	2.08	2.1	2.5	0.7	85.9	0.17	<0.05	7.3
21126	Rock	16.5	200	12.1	16.9	<0.002	0.656	0.53	2.4	<1.0	0.5	69.3	0.11	<0.05	3.9
21127	Rock	5.1	50	3.0	38.5	<0.002	0.356	0.90	2.9	1.8	1.1	39.2	0.16	<0.05	5.6
21128	Rock	3.4	34	4.8	7.5	<0.002	0.102	1.25	0.8	2.1	0.4	28.7	0.07	<0.05	3.5
21129	Rock	5.3	49	4.2	0.6	<0.002	0.156	7.04	0.6	2.8	0.5	22.8	<0.05	1.02	2.4
21130	Rock	3.9	76	2.2	21.3	<0.002	0.163	0.84	1.9	2.1	0.8	57.6	0.10	<0.05	9.0
20723	Rock	16.0	162	3.9	50.0	<0.002	1.742	20.86	2.7	1.8	9.7	25.5	0.15	0.65	13.5
20724	Rock	5.8	237	11.1	6.8	<0.002	0.046	0.15	0.7	<1.0	0.4	10.0	<0.05	<0.05	0.7
20725	Rock	11.4	78	17.1	9.4	<0.002	0.484	0.51	3.0	<1.0	0.4	17.8	0.18	0.19	3.8
20726	Rock	5.1	59	2.8	3.0	<0.002	0.304	0.27	0.9	<1.0	0.3	6.4	<0.05	<0.05	0.6
20727	Rock	6.9	176	3.2	6.6	<0.002	0.044	0.43	0.9	<1.0	0.4	13.8	<0.05	<0.05	1.0
20728	Rock	5.5	81	2.5	27.8	<0.002	<0.01	1.09	1.9	<1.0	6.7	15.9	0.30	<0.05	5.1
20729	Rock	3.1	35	19.5	28.0	<0.002	0.582	9.16	2.0	1.1	4.8	17.0	0.11	0.22	3.1
20730	Rock	69.8	1296	132.6	104.9	0.004	3.404	9.52	12.2	1.3	2.2	42.1	1.43	1.66	14.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20731	Rock	4.5	108	3.4	10.4	<0.002	0.033	0.91	1.3	<1.0	0.6	9.0	0.16	<0.05	7.8
20732	Rock	1.3	47	47.1	3.4	<0.002	6.727	164.05	0.5	7.1	1.1	2.9	<0.05	2.60	1.4
20733	Rock	2.9	65	26.4	20.0	<0.002	0.105	12.36	1.9	<1.0	6.0	11.9	0.07	1.09	1.8
20734	Rock	2.6	74	77.3	20.7	<0.002	0.738	68.80	2.2	4.3	7.1	7.4	<0.05	5.27	1.9
20735	Rock	4.7	35	4.2	17.3	<0.002	0.390	1.96	2.0	<1.0	0.6	22.5	0.17	<0.05	4.9
20736	Rock	3.5	54	6.7	13.0	<0.002	0.556	217.81	1.1	2.6	1.0	24.3	0.08	<0.05	2.9
20737	Rock	3.6	20	3.0	1.8	<0.002	0.015	1.88	0.3	<1.0	0.5	7.8	<0.05	<0.05	0.7
20738	Rock	3.3	43	13.4	38.6	<0.002	0.046	6.12	2.4	<1.0	2.7	33.6	0.11	0.23	4.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20865	Rock	0.040	0.19	1.2	18	3.9	3.3	17	35.8
20866	Rock	0.022	0.14	1.0	23	1.3	2.4	9	37.4
20867	Rock	0.011	0.13	0.5	11	0.8	1.5	10	13.4
20868	Rock	0.031	0.29	0.6	21	1.5	1.8	11	27.6
20869	Rock	0.017	0.09	0.6	12	0.7	1.5	10	20.5
20870	Rock	0.052	0.18	1.0	23	1.2	2.9	8	39.0
20871	Rock	0.008	0.11	0.3	8	0.7	0.9	9	10.8
20872	Rock	0.063	0.51	1.7	51	3.2	5.6	12	76.5
20873	Rock	0.022	0.31	0.8	14	1.3	2.2	11	28.8
20874	Rock	0.005	<0.02	0.2	4	0.5	0.7	9	5.3
20875	Rock	0.027	0.20	1.0	24	1.2	2.8	9	42.8
20876	Rock	0.027	0.09	1.4	22	1.7	3.4	8	50.7
20877	Rock	0.026	0.09	0.4	9	1.4	2.8	11	18.3
20878	Rock	0.028	0.07	1.1	28	0.9	2.8	20	40.5
20879	Rock	0.038	0.28	0.9	24	1.4	2.6	11	33.8
20880	Rock	0.024	0.15	1.1	18	0.9	2.6	13	30.1
21115	Rock	0.020	<0.02	0.5	17	0.2	1.1	23	10.0
21116	Rock	0.024	0.15	0.8	18	0.9	2.1	37	30.8
21117	Rock	0.034	0.19	1.0	25	0.6	3.5	23	43.3
21118	Rock	0.021	0.06	1.1	17	0.7	2.5	12	33.8
21119	Rock	<0.005	<0.02	0.2	<1	0.4	0.2	17	0.9
21120	Rock	<0.005	0.04	0.3	2	0.3	0.3	43	3.2
21121	Rock	0.041	0.03	1.4	64	0.2	5.4	110	68.1
21122	Rock	0.041	0.25	0.9	17	1.2	2.3	14	28.7
21123	Rock	0.019	0.24	0.6	13	0.5	1.5	9	17.6
21124	Rock	0.026	0.12	0.8	21	1.1	2.1	9	27.0
21125	Rock	0.034	0.23	1.1	23	1.2	3.3	11	47.9
21126	Rock	0.027	0.16	0.7	16	0.6	2.6	29	18.9
21127	Rock	0.037	0.20	1.1	34	1.7	3.8	8	46.2
21128	Rock	0.013	0.05	0.5	8	0.8	1.6	8	22.1
21129	Rock	0.015	0.76	0.4	11	2.2	1.0	14	9.7
21130	Rock	0.026	0.12	1.0	24	2.5	2.7	9	32.6
20723	Rock	0.030	0.17	1.7	25	0.9	5.2	15	54.5
20724	Rock	0.006	<0.02	0.2	8	0.2	1.0	15	3.8
20725	Rock	0.009	0.03	0.2	20	0.1	1.1	32	6.2
20726	Rock	<0.005	<0.02	0.2	5	<0.1	0.5	12	2.1
20727	Rock	0.006	<0.02	0.3	10	0.2	0.8	13	3.7
20728	Rock	0.023	0.11	1.1	23	0.5	2.6	14	30.9
20729	Rock	0.015	0.17	0.5	16	0.6	1.4	10	19.8
20730	Rock	0.206	0.45	2.5	137	1.4	12.0	131	60.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20731	Rock	0.017	0.03	1.3	16	0.3	2.8	11	39.8
20732	Rock	<0.005	<0.02	0.3	1	0.3	0.3	38	3.8
20733	Rock	0.016	0.13	0.3	16	0.6	0.9	13	15.2
20734	Rock	0.013	0.13	0.4	13	0.7	0.9	18	19.0
20735	Rock	0.037	0.14	0.8	25	1.3	2.1	9	30.6
20736	Rock	0.014	0.25	0.5	15	1.0	1.2	14	18.3
20737	Rock	0.007	0.04	0.2	5	0.5	0.4	9	3.4
20738	Rock	0.033	1.01	0.7	22	1.2	1.7	11	22.3

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20865	Rock			0.33	2.12	4.0	78	0.32	0.17	0.04	<0.02	17.55	4.8	161	0.64
20865 Dup				0.30	2.14	4.1	65	0.35	0.09	0.03	<0.02	17.61	4.7	168	0.61
QCV1109-00875-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.57		10.2	410	2.55	8.53		0.24	77.37	22.4		6.19
21117	Rock			0.12	2.42	18.2	73	0.54	0.63	0.04	<0.02	26.92	16.2	136	1.14
21117 Dup				0.12	2.46	20.2	76	0.54	0.68	0.04	<0.02	19.98	18.0	197	1.18
QCV1109-00875-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.74		10.0	445	2.91	8.37		0.21	89.61	22.5		7.90
20727	Rock			0.17	0.66	10.4	35	0.22	0.17	0.05	<0.02	5.29	2.3	186	0.29
20727 Dup				0.10	0.66	12.3	38	0.14	0.17	0.06	<0.02	4.96	2.3	200	0.28
QCV1109-00875-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
QCV1109-00875-0009-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.61			404	2.55	8.11		0.23	83.89	23.6		6.75
20865	Rock		0.039												
20865 Dup			0.028												
21117	Rock		0.010												
21117 Dup			0.021												
QCV1109-00876-0004-BLK			<0.005												
20727	Rock		0.005												
20727 Dup			<0.005												
QCV1109-00876-0006-BLK			0.007												
STD-OxD87 expected			0.417												
STD-OxD87 result			0.438												
21120	Rock	17.927													
21120 Dup		18.114													

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Northern Tiger Resources
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Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20865	Rock	9.4	3.03	3.74	0.95	8.2	<0.01	0.14	7.7	15.6	0.02	34	0.54	0.01	3.8
20865 Dup		7.9	3.07	3.61	0.79	4.4	<0.01	0.14	7.6	13.3	0.02	34	0.54	0.01	2.5
QCV1109-00875-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		15.60		5.8	1.18		35.8	25.6			0.84		14.6
21117	Rock	13.0	1.25	5.07	0.84	2.0	0.01	0.37	12.1	14.6	0.02	117	0.90	0.04	1.3
21117 Dup		14.0	1.27	5.19	1.03	1.9	<0.01	0.36	8.8	13.9	0.02	117	0.88	0.04	1.4
QCV1109-00875-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.59		5.6	1.22		43.1	27.6			0.87		15.1
20727	Rock	17.7	0.90	1.46	1.11	0.5	<0.01	0.12	2.7	11.0	0.14	84	0.64	0.10	0.3
20727 Dup		17.2	0.92	1.42	1.22	0.4	<0.01	0.11	2.6	10.1	0.14	85	0.62	0.10	0.3
QCV1109-00875-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
QCV1109-00875-0009-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.32		5.8	1.10		40.2	24.8			0.91		14.4

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20865	Rock	12.7	398	13.2	8.3	<0.002	3.108	2.92	3.4	1.0	0.9	152.1	0.90	<0.05	11.1
20865 Dup		11.6	400	12.2	8.2	<0.002	3.094	2.82	1.7	1.2	0.7	149.0	0.57	<0.05	8.8
QCV1109-00875-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		40.2		30.4	186.5	0.005	1.410	2.49	12.5	13.3	22.5	33.5	1.57	0.07	16.6
21117	Rock	12.4	113	8.9	19.8	<0.002	0.410	1.25	3.0	1.1	0.5	21.9	0.18	0.17	6.4
21117 Dup		13.8	106	9.4	19.8	<0.002	0.430	1.37	3.3	2.0	0.6	22.0	0.19	0.17	6.5
QCV1109-00875-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		42.6		30.7	204.5	0.004	1.311	2.55	13.9	13.6	23.2	34.9	1.45	0.06	17.7
20727	Rock	6.9	176	3.2	6.6	<0.002	0.044	0.43	0.9	<1.0	0.4	13.8	<0.05	<0.05	1.0
20727 Dup		7.0	182	2.6	6.3	0.003	0.042	0.42	1.0	<1.0	0.4	13.5	<0.05	<0.05	1.0
QCV1109-00875-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
QCV1109-00875-0009-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		40.2		30.2	192.2	0.005	1.424	2.64	12.7	12.8	22.3	34.0	1.49	<0.05	17.8

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20865	Rock	0.040	0.19	1.2	18	3.9	3.3	17	35.8
20865 Dup		0.045	0.20	1.2	18	4.2	3.6	16	36.6
QCV1109-00875-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.89	3.2			22.0	177	123.5
21117	Rock	0.034	0.19	1.0	25	0.6	3.5	23	43.3
21117 Dup		0.033	0.20	1.0	25	0.7	3.5	23	41.4
QCV1109-00875-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.85	3.2			25.1	184	120.4
20727	Rock	0.006	<0.02	0.3	10	0.2	0.8	13	3.7
20727 Dup		0.006	<0.02	0.3	10	0.2	0.9	13	3.5
QCV1109-00875-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-00875-0009-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.85	3.1			24.9	178	116.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 6**
Client Reference: **Rock 6**
Description: **3 ACE**

Date Received: 09/20/2011
Date Completed: 10/13/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	80	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20739	Rock	0.014	0.20	2.56	7.0	190	0.55	0.23	0.01	<0.02	15.54	2.4	163	1.55	10.3
20740	Rock	0.009	0.11	1.95	5.8	158	0.39	0.29	<0.01	<0.02	26.84	0.9	153	1.00	11.7
20741	Rock	0.345	0.22	0.77	774.5	35	0.30	5.58	0.01	0.03	11.96	0.9	181	1.12	12.6
20742	Rock	0.023	0.20	2.08	12.7	102	0.43	0.88	0.01	<0.02	21.81	1.5	164	1.14	10.4
20743	Rock	0.014	0.09	1.09	43.9	48	0.23	0.57	<0.01	<0.02	13.54	0.7	207	0.74	11.3
20744	Rock	0.007	0.10	1.79	17.8	78	0.30	0.09	<0.01	<0.02	19.45	0.7	178	0.92	6.9
20745	Rock	<0.005	0.10	1.88	7.9	106	0.41	0.12	<0.01	<0.02	26.65	0.6	176	2.18	5.6
20746	Rock	<0.005	0.21	0.25	12.1	11	0.07	0.06	0.04	0.13	1.75	1.0	222	0.22	6.8
20747	Rock	<0.005	0.50	1.33	10.9	41	0.26	1.08	0.12	0.06	17.81	2.5	276	0.66	43.7
20748	Rock	<0.005	0.14	0.71	3.1	19	0.07	0.26	<0.01	<0.02	7.90	1.2	158	0.33	17.2
20749	Rock	<0.005	0.72	0.12	8.5	<5	<0.05	1.33	<0.01	0.04	1.42	1.3	172	0.15	17.3
20750	Rock	<0.005	0.97	0.32	14.5	9	0.07	1.99	<0.01	<0.02	17.10	0.6	160	0.23	54.6
20751	Rock	<0.005	0.09	0.78	26.7	25	0.21	0.08	0.01	<0.02	8.76	1.1	225	0.33	8.2
20752	Rock	<0.005	0.06	0.30	1.5	13	<0.05	0.05	0.01	<0.02	3.69	0.7	218	0.26	10.9
20753	Rock	0.013	0.10	1.26	975.9	53	0.18	0.39	<0.01	<0.02	12.70	2.7	222	0.82	13.5
20754	Rock	0.007	0.12	1.59	12.1	78	0.25	0.22	<0.01	<0.02	15.93	0.5	189	0.72	4.0
20755	Rock	<0.005	0.52	0.29	6.7	8	0.13	15.11	0.01	<0.02	5.31	1.0	133	0.23	22.1
20756	Rock	0.017	0.54	2.05	5479.9	151	0.37	1.19	0.02	<0.02	131.85	5.9	188	0.95	4.0
20757	Rock	0.013	0.25	1.94	2405.8	117	0.30	2.44	0.01	<0.02	36.06	1.1	187	1.41	15.7
20758	Rock	0.017	0.93	2.37	1690.4	71	0.38	61.76	0.03	<0.02	27.53	56.6	152	1.83	366.9
20759	Rock	<0.005	0.23	0.50	45.0	21	0.14	8.51	0.08	<0.02	4.85	2.7	185	0.42	39.5
20760	Rock	0.047	1.22	2.25	1009.9	94	0.51	19.86	0.06	<0.02	24.15	15.4	139	1.39	140.6
20761	Rock	0.010	0.44	2.43	177.8	57	0.44	20.22	0.06	<0.02	39.15	18.6	138	1.73	206.3
20762	Rock	0.040	0.67	2.22	817.7	58	0.35	36.00	0.03	0.02	20.48	35.3	127	1.94	388.3
20763	Rock	0.022	0.77	2.18	1411.1	42	0.70	48.08	0.05	<0.02	34.52	46.1	125	1.55	370.3
20764	Rock	0.127	0.27	1.42	>10000	65	0.18	4.56	0.06	<0.02	15.94	38.1	192	0.65	15.2
20765	Rock	0.007	0.45	0.73	238.2	42	0.16	8.67	<0.01	<0.02	7.88	1.1	167	0.48	11.3
20766	Rock	0.488	0.85	0.07	>10000	18	<0.05	31.10	<0.01	<0.02	0.31	1.2	196	0.16	4.5
20767	Rock	<0.005	0.08	2.44	43.7	113	0.33	0.18	<0.01	<0.02	17.81	1.5	180	1.01	3.1
20768	Rock	<0.005	0.07	1.67	83.0	75	0.37	0.18	0.11	0.04	31.89	2.1	189	0.80	4.2
20769	Rock	0.049	0.05	0.45	8.6	25	0.10	0.10	<0.01	0.02	4.80	0.8	158	0.40	7.1
20770	Rock	<0.005	0.04	0.38	14.5	18	0.12	0.24	0.01	<0.02	4.82	1.9	248	0.29	16.5
20881	Rock	0.050	0.10	1.28	33.8	56	0.54	0.05	0.15	0.39	13.34	4.8	169	0.64	14.5
20882	Rock	0.054	0.78	2.57	132.1	107	0.43	0.10	0.55	6.63	20.64	1.7	166	1.13	14.1
20883	Rock	0.043	0.18	2.10	3742.3	49	0.30	1.31	0.03	<0.02	19.13	3.1	211	0.77	21.1
20884	Rock	<0.005	0.13	2.61	500.1	64	0.47	0.73	0.06	0.20	21.55	4.7	197	0.73	45.3
20885	Rock	<0.005	0.09	2.35	50.7	58	0.49	0.57	0.02	0.25	22.41	3.1	126	0.77	28.6
20886	Rock	<0.005	0.07	1.36	23.3	67	0.38	0.97	0.07	<0.02	10.25	1.9	203	0.74	16.8
20887	Rock	<0.005	0.09	0.66	35.3	51	0.25	0.10	0.02	<0.02	7.98	0.9	224	0.48	9.2
20888	Rock	<0.005	0.08	2.34	132.7	114	0.71	0.52	0.07	<0.02	20.37	3.5	215	1.14	32.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20889	Rock	0.006	0.10	2.99	405.2	77	0.44	1.06	<0.01	<0.02	16.49	1.7	157	0.95	38.7
20890	Rock	0.005	0.27	2.05	10.0	104	0.22	0.18	0.74	18.02	26.70	4.7	196	0.76	26.9
20891	Rock	0.011	5.07	1.25	151.6	39	0.21	0.05	0.02	4.04	10.11	1.1	196	0.59	64.5
20892	Rock	<0.005	0.20	2.56	42.4	111	0.47	0.06	0.02	0.21	29.26	4.7	122	1.32	5.5
20893	Rock	<0.005	0.12	1.70	9.9	69	0.28	0.07	0.03	0.11	18.46	2.9	186	0.88	6.0
20894	Rock	0.005	0.06	2.09	14.2	71	0.44	0.05	0.08	0.23	24.41	6.9	173	0.85	11.4
20895	Rock	0.090	0.10	2.97	605.3	147	0.55	0.03	<0.01	0.02	25.59	1.1	175	1.59	5.4
20896	Rock	<0.005	0.31	5.07	10.1	57	0.40	0.07	6.84	0.18	21.79	23.4	164	0.44	5.4
20897	Rock	<0.005	0.08	3.30	30.8	204	0.65	0.12	0.02	<0.02	33.65	4.3	131	1.02	6.6
20898	Rock	0.009	0.13	1.89	349.6	112	0.28	4.97	0.01	<0.02	41.44	0.6	132	0.84	26.4
20899	Rock	0.108	1.47	1.30	>10000	93	0.27	4.26	0.01	8.30	22.41	1.2	149	0.73	27.8
20900	Rock	0.320	5.07	1.61	>10000	108	0.30	324.84	0.02	0.13	36.72	11.2	157	0.71	11.0
20901	Rock	0.026	0.25	1.01	4375.6	28	0.41	3.85	0.02	<0.02	32.48	1.2	151	0.41	18.1
20902	Rock	<0.005	0.11	2.28	351.3	87	0.36	1.48	0.01	<0.02	32.09	1.4	166	1.12	27.1
20903	Rock	<0.005	0.15	2.70	36.7	165	0.43	2.68	0.13	<0.02	21.12	3.1	150	1.16	36.0
20904	Rock	<0.005	0.23	1.99	26.2	147	0.31	3.22	0.01	<0.02	13.35	0.8	137	1.19	32.0
21131	Rock	8.458	6.17	1.18	>10000	44	0.25	770.91	0.01	0.05	21.92	2.0	96	1.05	59.2
21132	Rock	0.032	0.26	2.54	294.1	87	0.32	4.91	<0.01	0.02	30.17	0.7	85	1.33	10.6
21133	Rock	0.045	0.20	4.48	708.0	246	0.86	2.35	0.37	0.10	31.39	2.7	93	2.24	5.1
21134	Rock	0.005	1.56	0.26	28.1	11	<0.05	2.59	<0.01	0.34	5.36	1.8	110	0.18	278.9
21135	Rock	0.007	1.32	0.10	55.0	<5	<0.05	5.25	0.01	0.06	1.05	5.5	135	0.14	112.8
21136	Rock	<0.005	0.14	0.68	16.5	26	0.16	0.55	0.01	<0.02	12.99	0.9	168	0.36	11.9
21137	Rock	0.007	0.13	2.83	51.4	42	0.43	0.64	0.02	<0.02	28.69	5.9	157	0.56	65.4
21138	Rock	<0.005	0.30	5.38	77.6	187	0.99	1.03	0.03	0.02	43.36	7.5	172	1.76	27.8
21139	Rock	<0.005	0.08	2.28	47.9	74	0.29	0.49	<0.01	<0.02	20.20	2.5	168	0.67	26.8
21140	Rock	<0.005	0.22	3.03	182.6	124	0.48	5.59	0.02	<0.02	32.74	2.0	173	1.01	50.3
21141	Rock	0.009	0.11	2.70	167.9	90	0.35	0.47	0.01	<0.02	32.24	0.9	135	1.09	19.2
21142	Rock	<0.005	0.12	1.80	17.4	93	0.34	0.20	0.02	<0.02	21.77	1.9	173	0.71	7.1
21143	Rock	0.014	1.93	2.27	48.4	118	0.31	0.72	0.79	2.79	23.05	6.0	170	0.90	46.2
21144	Rock	0.306	1.29	1.98	>10000	142	0.32	35.28	0.01	0.04	29.34	54.5	158	0.92	110.4
21145	Rock	0.005	0.25	2.19	148.9	82	0.25	0.12	0.02	0.34	20.10	6.0	156	1.04	5.8
21146	Rock	0.006	0.17	2.62	73.6	86	0.32	0.15	0.04	1.37	20.27	9.8	207	0.99	15.6
21147	Rock	1.253	0.23	3.45	1948.2	159	1.12	0.04	0.01	0.07	47.50	3.9	182	2.72	9.3
21148	Rock	0.005	0.28	3.11	84.5	88	0.35	0.42	4.49	0.17	33.42	19.6	145	0.79	154.7
21149	Rock	0.129	1.52	0.87	>10000	51	0.13	46.31	0.01	<0.02	6.53	14.5	172	0.54	53.7
21150	Rock	0.006	0.33	1.32	297.6	63	0.28	3.31	0.01	<0.02	28.14	0.7	174	0.71	13.1
21051	Rock	0.038	0.23	1.85	7543.6	110	0.28	3.45	0.02	<0.02	22.79	3.8	188	0.76	8.2
21052	Rock	<0.005	0.88	2.15	451.6	126	0.32	10.54	0.02	<0.02	29.90	1.6	151	1.05	57.9
21053	Rock	<0.005	0.42	2.30	30.0	182	0.40	3.08	0.01	<0.02	25.10	1.6	159	1.06	16.9
21054	Rock	0.005	1.04	2.06	22.5	112	0.33	26.80	0.01	<0.02	20.40	1.9	141	0.84	265.3

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20739	Rock	0.97	8.11	1.30	1.7	0.01	0.77	7.4	14.3	0.07	17	0.49	0.02	1.9	7.7
20740	Rock	0.78	5.97	1.08	1.0	<0.01	0.55	12.8	8.6	0.04	16	0.42	0.02	1.2	4.8
20741	Rock	1.17	2.98	1.38	0.4	<0.01	0.14	5.9	6.3	0.04	18	0.57	0.02	0.7	3.4
20742	Rock	1.22	6.80	1.38	1.4	<0.01	0.41	9.5	12.3	0.04	19	0.42	0.01	1.2	4.6
20743	Rock	1.02	3.60	1.80	0.8	<0.01	0.21	6.4	5.1	0.02	19	0.66	<0.01	0.7	3.7
20744	Rock	0.52	4.71	1.11	0.8	<0.01	0.31	9.1	8.2	0.04	17	0.44	0.01	0.8	3.8
20745	Rock	0.37	5.75	1.22	0.8	0.02	0.50	12.8	11.9	0.05	20	0.59	0.03	0.8	4.1
20746	Rock	0.50	0.71	1.78	<0.1	<0.01	0.04	0.9	5.3	0.09	193	0.45	<0.01	0.2	5.7
20747	Rock	1.70	3.71	1.89	0.4	0.01	0.18	8.3	29.1	0.29	157	0.72	0.05	0.5	10.2
20748	Rock	0.66	1.69	1.09	0.3	<0.01	0.09	3.8	9.4	<0.01	54	0.49	<0.01	0.2	5.2
20749	Rock	0.38	0.30	1.25	<0.1	<0.01	<0.01	0.7	3.7	<0.01	20	0.58	<0.01	0.1	4.4
20750	Rock	0.46	0.81	1.18	0.7	0.03	0.05	8.3	14.5	<0.01	18	0.41	<0.01	0.4	4.0
20751	Rock	0.73	1.89	1.17	0.5	<0.01	0.15	4.0	4.4	0.01	28	0.50	<0.01	0.3	3.7
20752	Rock	0.39	0.92	1.18	0.1	<0.01	0.07	1.6	6.2	0.02	22	0.41	<0.01	0.2	3.8
20753	Rock	1.09	3.46	1.53	0.8	0.01	0.32	5.7	9.7	0.02	55	0.61	0.02	0.8	5.3
20754	Rock	0.35	4.14	0.99	0.9	<0.01	0.30	7.7	6.6	0.03	17	0.44	<0.01	1.1	3.1
20755	Rock	0.60	0.90	1.39	<0.1	<0.01	0.04	2.4	7.1	0.07	62	0.70	0.01	0.2	4.9
20756	Rock	0.95	6.74	1.89	1.6	0.02	0.85	66.9	15.9	0.10	30	0.43	0.02	1.9	5.6
20757	Rock	2.02	5.38	1.60	1.2	0.02	0.74	16.6	9.2	0.11	35	0.73	0.02	1.8	4.8
20758	Rock	9.89	7.82	1.41	1.2	0.07	0.78	12.4	14.0	0.27	126	0.74	0.03	2.1	6.7
20759	Rock	2.95	1.77	1.33	0.2	0.03	0.15	2.1	4.6	0.05	245	0.47	0.08	0.4	3.4
20760	Rock	>10	9.56	1.32	1.0	0.09	0.97	12.0	11.1	0.13	135	0.44	0.05	3.4	4.8
20761	Rock	6.68	8.42	1.57	1.9	0.07	0.82	18.7	22.5	0.43	193	0.53	0.04	3.2	6.8
20762	Rock	>10	7.25	1.35	1.1	0.05	0.71	8.8	11.6	0.21	93	0.54	0.13	2.0	6.6
20763	Rock	>10	7.37	1.49	1.0	0.05	0.75	15.0	16.3	0.22	233	1.06	0.02	2.3	8.1
20764	Rock	3.80	4.39	1.84	0.6	0.03	0.50	7.7	13.1	0.22	92	0.43	0.02	1.0	10.2
20765	Rock	2.24	2.19	1.47	0.3	0.01	0.24	3.9	8.6	0.04	29	0.46	<0.01	0.4	4.7
20766	Rock	3.00	0.25	2.14	<0.1	0.01	0.02	<0.5	2.8	<0.01	21	0.36	<0.01	0.2	2.9
20767	Rock	1.75	5.24	1.05	1.3	<0.01	0.56	7.1	93.7	0.07	81	0.38	0.03	1.1	8.0
20768	Rock	1.32	3.92	1.10	0.9	<0.01	0.31	13.4	13.5	0.19	132	0.45	0.01	0.8	7.9
20769	Rock	0.42	1.24	1.13	<0.1	<0.01	0.15	2.7	4.8	0.03	27	0.44	0.01	0.2	4.1
20770	Rock	0.74	1.05	1.04	<0.1	<0.01	0.09	2.6	13.5	0.06	55	0.40	0.01	0.2	6.4
20881	Rock	5.56	2.18	1.01	0.6	0.02	0.16	7.0	18.4	0.05	1069	0.52	0.01	0.5	32.7
20882	Rock	1.27	4.87	0.91	1.2	0.05	0.52	10.1	31.7	0.10	212	0.33	0.76	1.0	5.3
20883	Rock	1.89	4.34	1.24	0.9	0.01	0.32	8.3	15.3	0.26	127	0.52	0.53	0.7	5.7
20884	Rock	3.02	6.14	1.33	1.0	0.02	0.45	9.3	26.9	0.27	277	0.46	0.02	0.8	15.4
20885	Rock	2.04	5.48	1.22	0.8	0.01	0.37	10.0	26.2	0.20	125	0.44	0.02	0.7	10.9
20886	Rock	1.02	3.56	1.30	0.5	<0.01	0.43	5.2	10.6	0.18	87	0.48	0.04	0.6	8.8
20887	Rock	0.53	1.86	0.77	0.2	<0.01	0.23	4.0	4.0	0.05	33	0.57	0.02	0.4	4.9
20888	Rock	2.06	6.15	1.23	0.9	0.01	0.69	10.7	19.2	0.35	216	0.45	0.04	0.8	13.5

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Vol 5-136

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20889	Rock	2.18	6.26	1.01	1.2	0.02	0.46	7.3	11.7	0.03	30	0.39	0.03	0.7	7.2
20890	Rock	1.54	4.28	1.06	1.2	1.20	0.42	12.2	12.4	0.33	501	0.40	0.51	0.8	4.6
20891	Rock	1.27	1.79	1.21	0.5	0.35	0.26	5.5	7.4	0.10	77	0.44	0.20	0.4	5.8
20892	Rock	0.96	5.68	0.93	1.3	<0.01	0.53	12.7	13.7	0.14	264	0.50	0.62	1.1	9.4
20893	Rock	0.86	3.86	0.99	1.2	<0.01	0.33	8.8	17.0	0.11	160	0.40	0.43	0.9	7.5
20894	Rock	2.16	4.63	1.01	1.6	0.01	0.32	11.4	26.9	0.25	560	0.45	0.37	1.1	17.4
20895	Rock	0.95	7.14	1.22	1.5	0.02	1.21	11.8	3.2	0.10	59	0.32	0.05	1.1	5.0
20896	Rock	3.50	5.25	0.89	0.4	0.04	0.10	11.0	5.0	3.28	999	0.19	3.31	16.0	48.1
20897	Rock	1.54	7.62	1.05	1.0	0.01	0.96	15.5	21.9	0.23	71	0.47	0.03	1.7	10.8
20898	Rock	1.64	4.80	1.09	1.3	0.02	0.66	19.9	8.1	0.13	47	0.41	0.02	1.2	4.0
20899	Rock	1.67	3.38	1.65	0.8	3.72	0.53	10.4	27.5	0.06	23	0.39	0.02	1.2	3.7
20900	Rock	2.62	4.51	1.67	1.4	0.04	0.47	17.1	7.8	0.19	72	0.49	0.13	1.7	11.0
20901	Rock	1.30	2.57	1.88	0.6	0.02	0.16	14.6	4.7	0.12	37	0.38	0.04	0.6	3.8
20902	Rock	1.67	5.81	1.23	1.6	0.03	0.87	16.0	10.3	0.33	83	0.52	0.02	1.5	5.1
20903	Rock	2.24	6.95	1.17	1.4	0.02	0.82	8.7	25.5	0.54	202	0.37	0.05	1.8	10.6
20904	Rock	2.59	5.36	1.01	1.0	0.04	0.68	5.2	10.9	0.20	73	0.38	0.02	1.1	4.8
21131	Rock	6.16	3.50	2.39	0.5	0.04	0.20	10.6	13.9	0.13	19	0.63	0.05	0.3	1.5
21132	Rock	0.67	5.73	0.91	1.4	0.02	0.58	13.5	13.2	0.04	22	0.33	0.04	1.3	3.1
21133	Rock	1.84	10.01	0.90	2.0	0.01	1.19	15.1	35.9	0.17	181	0.27	0.56	1.8	10.8
21134	Rock	0.58	0.60	1.02	0.2	0.15	0.04	2.6	2.8	<0.01	21	0.36	<0.01	0.2	4.8
21135	Rock	1.16	0.25	0.60	<0.1	0.01	0.01	<0.5	1.4	<0.01	43	0.45	<0.01	0.1	7.9
21136	Rock	0.54	1.74	1.07	0.8	<0.01	0.16	5.7	3.5	<0.01	22	0.40	0.01	0.5	4.1
21137	Rock	3.71	7.65	1.10	1.6	0.02	0.23	13.2	22.5	0.03	236	0.58	0.01	1.1	13.0
21138	Rock	4.28	13.61	1.50	3.1	0.03	1.08	20.3	45.2	0.73	541	0.40	0.66	2.2	26.9
21139	Rock	1.73	5.14	1.30	1.1	0.01	0.40	9.0	4.9	0.03	61	0.49	0.02	0.9	9.5
21140	Rock	2.14	7.55	1.16	1.4	0.03	0.71	14.5	9.5	0.15	67	0.41	0.05	1.2	10.0
21141	Rock	1.36	6.84	1.38	1.6	0.02	0.53	14.3	9.1	0.04	20	0.40	0.03	1.3	3.9
21142	Rock	1.77	3.82	0.68	1.1	0.01	0.46	10.3	3.7	0.06	24	0.42	0.56	0.8	5.4
21143	Rock	2.78	5.12	1.21	1.2	0.19	0.51	10.4	9.5	0.21	384	0.36	0.65	0.6	8.6
21144	Rock	3.56	5.40	2.20	1.0	0.08	0.84	14.5	4.6	0.08	20	0.46	0.02	0.7	5.6
21145	Rock	0.96	4.83	1.00	0.9	0.01	0.40	8.5	19.8	0.11	347	0.42	0.62	0.5	10.9
21146	Rock	2.42	5.38	1.17	1.0	0.01	0.40	9.9	26.3	0.39	849	0.51	0.49	0.7	24.2
21147	Rock	1.44	10.72	1.71	2.3	0.01	1.05	22.1	9.3	0.11	74	0.40	0.03	1.0	9.2
21148	Rock	5.35	6.63	1.00	0.9	0.03	0.30	15.7	28.8	2.43	668	30.88	1.29	2.9	61.2
21149	Rock	2.75	2.74	2.01	0.3	0.02	0.31	3.3	3.7	0.05	30	0.54	0.01	0.4	9.3
21150	Rock	1.32	3.77	1.44	0.5	0.02	0.42	14.0	14.7	0.08	39	0.48	0.01	0.4	3.3
21051	Rock	1.31	4.93	1.55	0.9	0.02	0.69	10.7	7.7	0.19	59	0.42	0.02	1.2	5.9
21052	Rock	2.24	6.39	1.22	1.1	0.03	0.78	13.8	10.4	0.30	78	0.50	0.02	1.0	9.1
21053	Rock	2.46	5.69	1.03	1.1	0.02	0.88	10.7	9.7	0.26	56	0.34	0.02	1.2	5.6
21054	Rock	7.82	5.28	1.08	1.0	0.02	0.64	8.4	12.6	0.38	72	0.34	0.02	0.9	5.7

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20739	Rock	47	5.5	59.6	<0.002	0.782	5.69	2.8	<1.0	1.7	32.0	0.30	<0.05	6.0	0.021
20740	Rock	80	3.8	35.6	<0.002	0.298	1.99	2.3	<1.0	0.8	76.6	0.16	<0.05	6.9	0.026
20741	Rock	54	6.9	11.9	<0.002	0.246	3.72	0.8	<1.0	1.2	18.2	0.06	0.18	5.8	0.016
20742	Rock	96	4.3	36.4	<0.002	0.619	5.48	2.6	<1.0	0.9	55.5	0.16	<0.05	10.7	0.021
20743	Rock	116	2.5	17.6	<0.002	0.043	3.24	1.4	<1.0	0.7	45.8	0.08	<0.05	5.6	0.015
20744	Rock	51	3.1	25.2	<0.002	0.042	3.14	1.4	<1.0	0.9	23.0	0.11	<0.05	6.6	0.016
20745	Rock	63	3.0	39.3	<0.002	<0.01	2.35	1.8	<1.0	5.4	32.8	0.09	<0.05	6.3	0.017
20746	Rock	75	28.7	3.0	<0.002	0.017	0.68	0.4	<1.0	0.6	3.5	<0.05	<0.05	0.5	<0.005
20747	Rock	791	299.5	12.5	<0.002	0.117	0.83	2.2	<1.0	0.5	20.3	<0.05	0.13	4.1	0.008
20748	Rock	27	15.0	5.6	<0.002	0.023	0.53	0.9	<1.0	0.5	2.9	<0.05	<0.05	2.2	<0.005
20749	Rock	22	268.6	0.6	<0.002	0.116	0.39	0.2	<1.0	0.3	1.1	<0.05	<0.05	0.4	<0.005
20750	Rock	20	230.9	3.1	<0.002	0.060	0.77	0.5	<1.0	0.5	2.0	<0.05	<0.05	2.4	0.012
20751	Rock	78	3.7	8.9	<0.002	0.054	0.39	1.2	<1.0	0.5	4.9	<0.05	<0.05	3.5	0.008
20752	Rock	37	1.8	4.3	<0.002	0.017	0.34	0.5	<1.0	0.5	1.9	<0.05	<0.05	1.2	<0.005
20753	Rock	71	2.9	17.8	<0.002	0.091	1.07	2.1	<1.0	1.3	13.5	0.07	<0.05	6.7	0.014
20754	Rock	129	4.5	19.5	<0.002	0.011	0.89	1.5	<1.0	0.6	32.9	0.16	<0.05	6.0	0.018
20755	Rock	66	22.2	2.7	<0.002	<0.01	1.02	0.6	<1.0	0.3	2.6	<0.05	0.61	1.0	<0.005
20756	Rock	97	5.2	48.0	<0.002	0.176	4.41	2.2	<1.0	8.7	6.5	0.20	0.06	24.4	0.046
20757	Rock	78	11.7	47.3	<0.002	0.055	21.92	2.1	<1.0	19.6	9.7	0.17	<0.05	9.8	0.046
20758	Rock	81	37.3	67.6	<0.002	9.228	3.48	2.3	1.4	25.4	3.5	0.23	0.29	11.4	0.045
20759	Rock	56	4.3	12.4	<0.002	0.095	0.96	0.8	<1.0	3.2	3.7	<0.05	0.06	2.8	0.009
20760	Rock	98	30.4	71.5	<0.002	8.442	3.03	2.0	1.2	14.1	5.9	0.30	0.21	10.6	0.078
20761	Rock	119	15.5	77.9	<0.002	5.734	1.15	2.7	<1.0	16.9	5.3	0.31	0.08	24.7	0.083
20762	Rock	67	27.2	62.6	<0.002	9.856	2.29	1.8	1.5	15.0	4.2	0.21	0.24	9.8	0.044
20763	Rock	90	21.4	72.0	<0.002	>10	3.40	1.8	1.3	11.7	3.7	0.24	0.25	8.0	0.053
20764	Rock	63	8.0	34.3	<0.002	2.003	26.30	1.6	<1.0	12.8	3.7	0.08	0.44	7.5	0.022
20765	Rock	52	15.0	15.1	<0.002	1.498	3.08	0.9	<1.0	4.6	3.4	<0.05	<0.05	2.6	0.010
20766	Rock	18	29.1	1.2	<0.002	0.784	55.32	0.2	1.6	0.5	2.5	<0.05	0.13	0.6	<0.005
20767	Rock	87	1.6	31.1	<0.002	0.016	0.46	2.1	<1.0	0.8	4.8	0.13	<0.05	13.2	0.024
20768	Rock	91	2.7	20.4	<0.002	0.010	0.62	1.9	<1.0	0.7	4.1	0.08	<0.05	15.2	0.020
20769	Rock	50	2.8	7.9	<0.002	0.013	0.45	0.6	<1.0	0.6	4.0	<0.05	<0.05	1.3	0.006
20770	Rock	81	1.6	4.8	<0.002	0.048	0.76	0.7	<1.0	0.4	3.8	<0.05	<0.05	1.2	<0.005
20881	Rock	692	6.1	11.2	<0.002	0.431	0.72	2.1	<1.0	0.4	74.9	<0.05	<0.05	8.0	0.008
20882	Rock	106	439.6	32.6	<0.002	0.671	1.80	2.0	<1.0	0.8	42.1	0.12	<0.05	10.7	0.020
20883	Rock	98	15.1	18.6	<0.002	0.563	3.85	2.5	<1.0	1.9	12.0	0.09	0.07	12.1	0.017
20884	Rock	148	7.8	27.7	<0.002	0.561	0.72	2.9	<1.0	4.2	6.4	0.10	<0.05	12.1	0.019
20885	Rock	198	5.2	22.7	<0.002	0.449	0.65	2.6	<1.0	1.4	5.9	0.08	<0.05	9.0	0.017
20886	Rock	295	3.3	24.1	<0.002	0.167	0.60	2.3	<1.0	0.7	10.1	0.06	<0.05	3.9	0.015
20887	Rock	87	3.9	13.0	<0.002	0.032	0.44	1.2	<1.0	0.4	6.9	<0.05	<0.05	1.7	0.008
20888	Rock	339	2.8	39.7	<0.002	0.093	0.70	4.4	<1.0	1.2	15.0	0.08	<0.05	7.2	0.019

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20889	Rock	112	6.6	25.7	<0.002	0.830	1.55	3.3	<1.0	1.4	24.5	0.10	<0.05	14.2	0.018
20890	Rock	76	63.9	23.7	<0.002	0.099	0.82	1.8	<1.0	2.3	45.3	0.09	<0.05	11.5	0.018
20891	Rock	148	948.0	18.6	<0.002	0.189	3.52	0.8	<1.0	6.0	10.8	<0.05	<0.05	3.2	0.009
20892	Rock	115	19.8	35.6	<0.002	<0.01	0.46	1.8	<1.0	0.6	19.8	0.14	<0.05	11.6	0.023
20893	Rock	93	14.9	21.5	<0.002	<0.01	0.44	1.4	<1.0	0.5	12.4	0.10	<0.05	10.3	0.018
20894	Rock	217	3.9	21.3	<0.002	<0.01	0.42	2.3	<1.0	0.5	11.6	0.14	<0.05	12.5	0.020
20895	Rock	70	11.2	67.7	<0.002	0.060	1.69	2.7	<1.0	5.5	10.7	0.14	<0.05	10.0	0.031
20896	Rock	929	15.3	5.9	0.002	0.028	1.55	12.7	<1.0	0.6	127.3	1.03	<0.05	4.1	0.297
20897	Rock	122	5.2	59.2	<0.002	0.132	1.19	3.6	<1.0	1.2	8.1	0.18	<0.05	13.6	0.040
20898	Rock	103	6.0	41.4	<0.002	0.560	1.18	1.9	<1.0	5.2	4.6	0.11	<0.05	17.3	0.036
20899	Rock	79	887.7	29.1	<0.002	0.385	23.11	1.8	<1.0	8.3	15.6	0.10	<0.05	8.1	0.025
20900	Rock	88	76.5	28.8	<0.002	1.005	21.67	2.5	2.5	5.1	13.8	0.16	0.15	11.0	0.030
20901	Rock	47	5.9	9.6	<0.002	0.214	5.47	2.6	<1.0	8.5	8.1	0.05	<0.05	5.4	0.014
20902	Rock	79	4.2	64.2	<0.002	0.230	1.59	2.2	<1.0	73.8	7.5	0.16	<0.05	13.9	0.030
20903	Rock	118	10.9	52.9	<0.002	0.221	0.93	3.2	<1.0	12.9	13.6	0.19	<0.05	11.4	0.037
20904	Rock	116	24.6	40.6	<0.002	0.375	0.74	2.2	<1.0	8.8	4.7	0.11	<0.05	7.6	0.029
21131	Rock	149	534.8	13.4	<0.002	0.133	119.92	2.3	4.1	3.7	33.2	<0.05	8.62	4.6	0.010
21132	Rock	88	9.1	35.0	<0.002	0.055	1.88	2.6	<1.0	6.8	17.8	0.17	<0.05	8.7	0.034
21133	Rock	162	12.6	76.9	<0.002	0.960	3.52	3.7	<1.0	1.5	39.2	0.22	<0.05	14.2	0.036
21134	Rock	18	363.9	2.4	<0.002	0.183	0.41	0.3	<1.0	0.5	1.5	<0.05	<0.05	1.2	<0.005
21135	Rock	36	235.8	0.6	<0.002	0.480	0.52	0.2	<1.0	0.6	1.1	<0.05	0.07	0.6	<0.005
21136	Rock	49	8.5	8.8	<0.002	0.111	0.51	1.0	<1.0	0.5	3.6	<0.05	<0.05	4.3	0.012
21137	Rock	217	9.4	14.8	<0.002	0.354	1.13	2.9	<1.0	1.5	10.7	0.14	<0.05	13.2	0.017
21138	Rock	141	24.3	68.0	<0.002	0.392	0.70	8.7	<1.0	1.3	25.9	0.28	<0.05	19.5	0.052
21139	Rock	102	3.1	23.8	<0.002	0.115	1.53	2.8	<1.0	1.8	11.8	0.10	<0.05	7.5	0.018
21140	Rock	151	17.2	44.0	<0.002	0.762	1.75	4.7	<1.0	2.9	34.7	0.13	<0.05	13.8	0.037
21141	Rock	156	4.2	32.3	<0.002	0.462	0.78	2.9	<1.0	2.8	31.0	0.16	<0.05	11.5	0.029
21142	Rock	116	19.0	25.4	<0.002	0.885	0.95	1.1	<1.0	0.7	26.5	0.10	<0.05	5.7	0.017
21143	Rock	112	525.5	31.9	<0.002	1.454	1.28	2.8	<1.0	2.9	60.6	0.07	<0.05	11.8	0.015
21144	Rock	246	24.0	50.4	<0.002	1.470	25.95	4.7	2.0	12.1	29.0	0.08	0.35	13.2	0.022
21145	Rock	114	11.4	26.9	<0.002	<0.01	0.50	1.9	<1.0	0.5	19.5	0.07	<0.05	9.7	0.009
21146	Rock	202	3.7	26.5	<0.002	0.025	0.50	3.0	<1.0	0.5	15.1	0.10	<0.05	9.6	0.016
21147	Rock	116	13.2	75.0	<0.002	0.016	5.96	3.7	<1.0	1.0	17.4	0.13	<0.05	27.6	0.027
21148	Rock	571	8.1	18.2	<0.002	4.335	0.74	8.7	1.2	0.4	70.6	0.33	0.16	7.4	0.048
21149	Rock	71	40.2	18.9	<0.002	0.992	19.84	1.0	1.0	6.1	3.4	<0.05	0.23	4.7	0.011
21150	Rock	103	8.4	24.9	<0.002	0.425	1.36	1.4	<1.0	5.8	7.1	<0.05	<0.05	6.6	0.015
21051	Rock	91	3.8	39.6	<0.002	0.291	6.27	2.6	<1.0	15.3	11.4	0.11	<0.05	11.0	0.033
21052	Rock	111	9.0	51.6	<0.002	1.140	1.07	2.6	<1.0	22.4	4.3	0.12	<0.05	15.5	0.026
21053	Rock	218	6.7	55.5	<0.002	1.197	0.87	2.5	<1.0	12.9	5.0	0.14	<0.05	10.8	0.032
21054	Rock	73	29.4	39.6	<0.002	6.140	1.62	2.5	<1.0	8.0	6.6	0.11	<0.05	11.9	0.025

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20739	Rock	0.48	0.7	25	0.7	2.3	4	29.8
20740	Rock	0.24	0.9	20	1.0	2.0	3	27.8
20741	Rock	0.23	0.5	8	2.5	1.3	6	13.2
20742	Rock	0.38	1.1	20	1.0	2.9	4	42.0
20743	Rock	0.29	0.8	13	1.5	1.9	6	27.1
20744	Rock	0.16	0.8	14	0.8	1.9	3	25.2
20745	Rock	0.23	0.7	16	1.5	2.0	3	22.8
20746	Rock	0.03	<0.1	5	<0.1	0.4	19	3.1
20747	Rock	0.08	0.6	17	<0.1	2.2	28	12.3
20748	Rock	0.02	0.3	6	<0.1	0.8	5	10.4
20749	Rock	<0.02	<0.1	2	<0.1	0.1	<2	2.0
20750	Rock	<0.02	0.9	4	0.6	1.7	3	26.5
20751	Rock	0.04	0.4	8	0.2	1.2	6	19.3
20752	Rock	0.02	<0.1	4	<0.1	0.3	<2	4.4
20753	Rock	0.14	0.5	14	0.4	1.6	5	24.2
20754	Rock	0.27	0.9	12	0.6	1.9	<2	26.8
20755	Rock	<0.02	0.2	5	<0.1	0.4	7	2.3
20756	Rock	0.17	1.3	21	1.6	6.4	8	49.0
20757	Rock	0.32	0.9	19	1.2	3.0	11	34.2
20758	Rock	0.29	1.2	23	8.3	5.1	22	33.7
20759	Rock	0.06	0.3	5	3.5	2.3	6	8.8
20760	Rock	0.28	0.8	19	18.9	4.5	20	33.6
20761	Rock	0.30	1.6	28	8.8	6.7	26	65.2
20762	Rock	0.26	1.0	20	7.2	3.5	28	33.4
20763	Rock	0.36	1.1	20	20.3	5.4	26	29.1
20764	Rock	0.13	0.6	16	1.0	1.6	12	18.5
20765	Rock	0.07	0.3	8	0.5	0.9	6	8.6
20766	Rock	<0.02	<0.1	<1	0.3	<0.1	5	0.7
20767	Rock	0.16	1.0	23	0.2	2.4	18	35.3
20768	Rock	0.09	1.0	19	0.2	2.6	15	30.7
20769	Rock	0.04	0.2	5	<0.1	0.3	6	2.3
20770	Rock	0.02	0.3	5	<0.1	0.5	5	2.9
20881	Rock	0.21	1.2	11	0.1	6.8	29	36.9
20882	Rock	0.24	0.8	18	0.1	3.0	656	29.5
20883	Rock	0.11	0.9	24	0.3	2.4	14	29.1
20884	Rock	0.15	1.1	26	0.4	3.1	42	34.0
20885	Rock	0.12	0.9	23	0.2	2.4	27	25.8
20886	Rock	0.12	0.8	17	0.1	1.7	10	15.5
20887	Rock	0.06	0.3	8	<0.1	0.7	4	5.5
20888	Rock	0.17	1.2	30	0.2	2.8	26	27.3

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20889	Rock	0.13	1.5	27	0.4	3.0	11	34.4
20890	Rock	0.11	1.0	22	0.1	3.9	1556	42.0
20891	Rock	0.10	0.8	8	<0.1	1.1	547	17.3
20892	Rock	0.16	1.2	21	0.3	3.6	39	44.0
20893	Rock	0.11	1.0	15	0.3	2.4	26	41.3
20894	Rock	0.11	1.5	23	0.6	4.4	67	44.6
20895	Rock	0.31	1.0	29	1.7	3.0	14	45.8
20896	Rock	0.03	0.5	120	0.4	7.4	49	4.9
20897	Rock	0.25	0.9	36	0.2	2.9	28	36.2
20898	Rock	0.18	0.9	18	0.6	3.7	7	41.4
20899	Rock	0.14	0.6	15	0.7	2.0	292	23.9
20900	Rock	0.12	0.9	20	0.6	4.2	18	33.7
20901	Rock	0.05	0.4	12	1.0	2.7	8	15.8
20902	Rock	0.26	1.1	22	1.2	3.7	11	41.6
20903	Rock	0.24	0.9	32	0.4	3.4	25	37.2
20904	Rock	0.20	0.6	20	0.4	2.3	25	31.0
21131	Rock	0.19	0.4	14	0.7	1.6	13	14.0
21132	Rock	0.24	1.0	24	0.8	2.8	6	39.2
21133	Rock	0.36	1.2	34	0.3	5.4	29	62.7
21134	Rock	0.02	0.2	2	<0.1	0.5	14	7.0
21135	Rock	<0.02	<0.1	1	<0.1	0.2	4	2.3
21136	Rock	0.04	0.7	8	0.3	1.7	3	26.9
21137	Rock	0.08	1.4	23	0.2	3.4	42	48.5
21138	Rock	0.31	2.3	70	0.3	6.4	57	90.9
21139	Rock	0.11	0.8	21	0.8	2.5	9	35.1
21140	Rock	0.27	1.2	37	0.9	4.8	14	47.2
21141	Rock	0.17	1.2	25	0.7	3.8	7	48.2
21142	Rock	0.11	0.7	16	<0.1	2.0	18	31.6
21143	Rock	0.15	1.0	24	0.1	5.6	286	42.9
21144	Rock	0.35	0.6	22	0.4	2.3	9	29.4
21145	Rock	0.13	1.0	16	0.2	3.4	45	30.2
21146	Rock	0.13	0.9	26	0.3	3.2	124	28.3
21147	Rock	0.35	1.8	33	3.0	4.7	65	74.9
21148	Rock	0.08	0.5	96	0.2	7.1	38	29.9
21149	Rock	0.08	0.3	9	0.4	1.0	6	10.3
21150	Rock	0.11	0.4	13	0.5	2.0	10	15.9
21051	Rock	0.16	0.7	24	0.7	2.6	8	28.0
21052	Rock	0.21	1.1	25	0.7	3.1	11	34.3
21053	Rock	0.24	0.7	22	0.7	3.0	10	35.4
21054	Rock	0.21	0.8	23	0.6	2.6	21	28.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20739	Rock		0.20	2.56	7.0	190	0.55	0.23	0.01	<0.02	15.54	2.4	163	1.55	10.3
20739 Dup			0.15	2.48	7.6	191	0.53	0.23	0.01	<0.02	23.37	2.3	171	1.55	9.5
QCV1109-02082-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.27												1012.3
20757	Rock		0.25	1.94	2405.8	117	0.30	2.44	0.01	<0.02	36.06	1.1	187	1.41	15.7
20757 Dup			0.22	1.89	2260.9	120	0.37	2.33	0.01	0.03	34.57	1.1	184	1.37	15.5
QCV1109-02082-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.77		10.1	411	2.48	8.12		0.18	89.26	22.6		6.72	>10000
20885	Rock		0.09	2.35	50.7	58	0.49	0.57	0.02	0.25	22.41	3.1	126	0.77	28.6
20885 Dup			0.08	2.37	49.3	55	0.51	0.53	0.02	0.22	20.92	3.1	164	0.75	28.2
QCV1109-02082-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.17												1000.1
20903	Rock		0.15	2.70	36.7	165	0.43	2.68	0.13	<0.02	21.12	3.1	150	1.16	36.0
20903 Dup			0.14	2.75	35.3	171	0.54	2.75	0.13	0.04	22.71	3.0	151	1.20	36.7
QCV1109-02082-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.58												1044.4
21147	Rock		0.23	3.45	1948.2	159	1.12	0.04	0.01	0.07	47.50	3.9	182	2.72	9.3
21147 Dup			0.50	3.35	1922.1	149	1.25	0.05	0.01	0.07	47.00	4.0	181	2.63	9.1
QCV1109-02082-0014-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-02082-0015-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.83		9.6	370	2.06	8.16		0.20	85.16	22.2		6.21	>10000
20739	Rock	0.014													
20739 Dup		0.014													
20757	Rock	0.013													
20757 Dup		0.015													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.909													
QCV1109-02083-0004-BLK		<0.005													
20885	Rock	<0.005													
20885 Dup		<0.005													
20903	Rock	<0.005													
20903 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.378													
QCV1109-02083-0008-BLK		<0.005													

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
21147	Rock	1.253													
21147 Dup		1.457													
QCV1109-02083-0010-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.949													

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20739	Rock	0.97	8.11	1.30	1.7	0.01	0.77	7.4	14.3	0.07	17	0.49	0.02	1.9	7.7
20739 Dup		0.94	7.87	1.27	1.5	<0.01	0.77	11.2	15.1	0.07	17	0.96	0.02	1.5	7.3
QCV1109-02082-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
20757	Rock	2.02	5.38	1.60	1.2	0.02	0.74	16.6	9.2	0.11	35	0.73	0.02	1.8	4.8
20757 Dup		1.94	5.27	1.57	1.0	0.02	0.73	16.3	8.9	0.10	33	0.70	0.02	1.5	4.9
QCV1109-02082-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.10		3.9	1.15		43.8	26.9			0.88		15.7	41.2
20885	Rock	2.04	5.48	1.22	0.8	0.01	0.37	10.0	26.2	0.20	125	0.44	0.02	0.7	10.9
20885 Dup		2.05	5.45	1.18	0.8	0.01	0.37	9.3	25.1	0.20	124	0.47	0.02	0.7	10.9
QCV1109-02082-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
20903	Rock	2.24	6.95	1.17	1.4	0.02	0.82	8.7	25.5	0.54	202	0.37	0.05	1.8	10.6
20903 Dup		2.31	6.90	1.21	1.5	0.02	0.82	9.3	25.1	0.55	205	0.38	0.05	1.8	10.6
QCV1109-02082-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
21147	Rock	1.44	10.72	1.71	2.3	0.01	1.05	22.1	9.3	0.11	74	0.40	0.03	1.0	9.2
21147 Dup		1.43	10.76	1.68	2.2	0.01	1.02	22.2	9.1	0.11	74	0.40	0.03	1.1	9.3
QCV1109-02082-0014-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-02082-0015-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.16		3.9	1.06		43.0	23.2			0.97		15.1	39.3

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11-360-07184-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20739	Rock	47	5.5	59.6	<0.002	0.782	5.69	2.8	<1.0	1.7	32.0	0.30	<0.05	6.0	0.021
20739 Dup		49	4.2	57.4	<0.002	0.752	4.82	3.0	<1.0	1.7	31.5	0.26	<0.05	6.8	0.026
QCV1109-02082-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
20757	Rock	78	11.7	47.3	<0.002	0.055	21.92	2.1	<1.0	19.6	9.7	0.17	<0.05	9.8	0.046
20757 Dup		73	11.3	46.0	<0.002	0.052	21.59	2.0	<1.0	19.5	9.5	0.15	<0.05	8.6	0.040
QCV1109-02082-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.0	215.4	0.003	1.386	2.79	2.4	13.7	22.6	32.4	1.48	0.05		
20885	Rock	198	5.2	22.7	<0.002	0.449	0.65	2.6	<1.0	1.4	5.9	0.08	<0.05	9.0	0.017
20885 Dup		186	4.7	22.4	<0.002	0.427	0.65	2.6	<1.0	1.4	5.4	0.09	<0.05	8.8	0.015
QCV1109-02082-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
20903	Rock	118	10.9	52.9	<0.002	0.221	0.93	3.2	<1.0	12.9	13.6	0.19	<0.05	11.4	0.037
20903 Dup		116	10.6	53.5	<0.002	0.225	0.91	3.1	<1.0	13.2	13.7	0.19	<0.05	11.4	0.041
QCV1109-02082-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
21147	Rock	116	13.2	75.0	<0.002	0.016	5.96	3.7	<1.0	1.0	17.4	0.13	<0.05	27.6	0.027
21147 Dup		119	12.8	72.0	<0.002	0.017	5.99	3.9	<1.0	1.0	17.5	0.13	<0.05	24.9	0.030
QCV1109-02082-0014-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-02082-0015-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.2	201.7	<0.002	1.307	2.51	13.3	13.5	21.2	33.9	1.46	<0.05		

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20739	Rock	0.48	0.7	25	0.7	2.3	4	29.8
20739 Dup		0.55	1.0	24	1.0	2.8	4	32.1
QCV1109-02082-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
20757	Rock	0.32	0.9	19	1.2	3.0	11	34.2
20757 Dup		0.31	0.8	18	1.0	2.9	10	30.4
QCV1109-02082-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.91	3.3			24.8	188	122.2
20885	Rock	0.12	0.9	23	0.2	2.4	27	25.8
20885 Dup		0.12	0.9	22	0.3	2.2	27	24.4
QCV1109-02082-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
20903	Rock	0.24	0.9	32	0.4	3.4	25	37.2
20903 Dup		0.24	1.0	33	0.5	3.6	26	40.5
QCV1109-02082-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
21147	Rock	0.35	1.8	33	3.0	4.7	65	74.9
21147 Dup		0.32	1.7	33	2.8	5.0	63	79.7
QCV1109-02082-0014-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-02082-0015-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.2			25.4	182	119.0

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 7**
Client Reference: **Rock 7**
Description: **3 ACE**

Date Received: 10/05/2011
Date Completed: 10/24/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	17	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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11-360-07342-01

Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20106	Rock	0.120	0.28	0.75	91.0	36	0.25	0.02	0.04	0.06	13.61	2.3	223	0.71	9.6
20107	Rock	0.007	0.19	0.92	93.5	43	0.10	0.03	0.01	0.09	18.41	0.5	195	1.21	4.3
20108	Rock	<0.005	0.34	1.03	981.5	61	0.17	0.02	0.01	0.47	6.63	0.6	245	0.88	6.3
20109	Rock	0.042	0.18	0.68	306.7	38	0.33	0.03	0.01	0.10	6.41	0.5	218	0.78	3.3
20110	Rock	0.016	0.08	0.15	56.8	10	<0.05	0.02	<0.01	0.05	1.29	0.5	311	0.33	3.9
20111	Rock	<0.005	0.14	2.05	135.2	125	0.46	0.09	0.01	0.10	25.41	0.5	196	2.04	11.3
20112	Rock	0.011	0.08	0.13	84.5	16	<0.05	0.03	<0.01	0.08	1.39	0.6	162	0.26	14.7
20113	Rock	<0.005	0.05	0.06	12.6	7	0.06	0.01	0.06	<0.02	0.92	1.2	122	0.19	6.3
20114	Rock	<0.005	0.05	0.02	16.2	<5	<0.05	<0.01	<0.01	<0.02	0.09	0.4	203	0.18	3.4
20115	Rock	<0.005	0.06	2.04	15.0	75	0.29	0.07	0.03	<0.02	25.68	5.5	199	0.86	13.2
21357	Rock	<0.005	0.06	0.71	522.4	58	0.26	0.08	<0.01	0.35	5.77	1.4	242	0.83	9.5
21466	Rock	<0.005	0.11	0.51	68.5	36	0.26	0.17	<0.01	0.09	5.42	0.7	257	0.52	3.6
21467	Rock	<0.005	0.04	0.57	5.0	10	0.07	0.03	0.14	0.05	6.01	1.0	224	0.24	6.6
21468	Rock	0.005	0.07	0.07	11.1	5	0.05	0.02	<0.01	<0.02	0.72	0.6	237	0.21	6.1
21469	Rock	0.013	0.07	1.30	9.5	18	0.21	0.09	0.03	0.02	3.53	6.8	307	0.36	14.1
21470	Rock	0.012	0.16	0.42	14.4	14	<0.05	0.32	0.02	<0.02	4.28	1.5	266	0.27	6.8
21001	Rock	<0.005	0.41	0.60	>10000	35	0.18	0.16	0.07	<0.02	7.87	3.6	235	0.49	6.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20106	Rock	0.55	1.65	1.55	0.9	<0.01	0.19	5.6	5.1	0.04	155	0.55	0.07	0.4	7.2
20107	Rock	0.32	1.82	<0.05	1.4	0.01	0.22	8.2	9.6	0.01	22	0.64	0.02	0.5	3.1
20108	Rock	0.50	2.12	1.57	1.0	0.13	0.41	2.9	3.7	0.04	31	0.59	0.02	0.5	3.6
20109	Rock	0.43	1.62	1.21	0.4	<0.01	0.23	2.9	3.2	0.02	21	0.73	0.01	0.2	3.2
20110	Rock	0.31	0.36	1.40	0.1	0.01	0.04	0.6	3.1	<0.01	25	0.67	<0.01	0.2	3.8
20111	Rock	0.43	4.61	1.11	2.0	0.04	0.67	11.1	11.4	0.04	20	0.67	0.04	0.9	3.0
20112	Rock	0.41	0.34	<0.05	<0.1	0.02	0.03	0.7	3.7	<0.01	27	0.53	<0.01	0.2	4.1
20113	Rock	0.24	0.15	1.49	<0.1	<0.01	0.01	<0.5	0.8	<0.01	58	0.54	0.01	0.1	4.2
20114	Rock	0.23	0.10	0.89	<0.1	<0.01	<0.01	<0.5	0.5	<0.01	24	0.84	<0.01	0.1	2.7
20115	Rock	2.19	3.81	0.98	1.8	0.01	0.33	11.4	30.7	0.46	382	0.47	0.05	0.6	11.8
21357	Rock	0.56	1.81	1.57	0.2	<0.01	0.20	2.8	6.3	0.02	28	0.59	<0.01	0.3	5.6
21466	Rock	0.35	1.16	1.46	0.3	<0.01	0.16	2.5	4.7	0.01	34	0.43	<0.01	0.2	3.6
21467	Rock	0.43	0.85	1.26	0.4	0.01	0.03	2.7	4.5	0.06	467	0.49	0.32	0.2	3.9
21468	Rock	0.32	0.21	0.96	<0.1	<0.01	0.01	<0.5	1.9	<0.01	24	0.55	<0.01	0.1	3.4
21469	Rock	2.25	3.28	1.29	0.2	<0.01	0.07	1.6	37.4	0.50	342	0.60	0.01	0.3	16.2
21470	Rock	0.40	0.66	0.88	0.2	<0.01	0.05	1.9	4.2	0.03	54	0.45	0.16	0.2	4.1
21001	Rock	1.47	1.23	1.54	0.3	<0.01	0.19	3.5	3.3	0.04	80	0.55	0.02	0.3	6.2

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11-360-07342-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20106	Rock	69	5.5	12.4	<0.002	0.015	1.12	0.7	<1.0	0.4	6.6	<0.05	<0.05	3.4	0.011
20107	Rock	68	39.2	12.9	0.002	<0.01	1.66	0.7	<1.0	0.4	29.4	<0.05	<0.05	4.2	0.013
20108	Rock	53	69.0	22.4	<0.002	0.050	3.12	0.8	<1.0	3.3	20.9	<0.05	<0.05	3.4	0.012
20109	Rock	40	8.2	12.8	<0.002	0.016	4.29	0.5	<1.0	0.4	16.6	<0.05	<0.05	1.0	0.005
20110	Rock	24	5.6	2.2	<0.002	<0.01	1.43	0.2	1.1	0.4	5.6	<0.05	<0.05	0.7	<0.005
20111	Rock	143	11.6	37.1	<0.002	0.053	0.98	1.9	<1.0	0.9	90.7	0.08	<0.05	6.6	0.023
20112	Rock	53	7.0	1.8	0.003	0.015	0.71	0.2	<1.0	0.5	38.6	<0.05	0.07	0.8	<0.005
20113	Rock	270	2.6	0.6	<0.002	<0.01	0.25	0.1	<1.0	0.3	2.6	<0.05	<0.05	0.4	<0.005
20114	Rock	13	3.3	0.3	<0.002	<0.01	0.40	<0.1	<1.0	0.3	1.2	<0.05	<0.05	<0.2	<0.005
20115	Rock	96	9.3	19.4	<0.002	0.031	0.66	1.7	<1.0	0.4	12.0	<0.05	0.07	8.0	0.016
21357	Rock	86	18.1	10.1	<0.002	<0.01	1.98	0.8	<1.0	0.4	79.1	<0.05	<0.05	2.2	0.008
21466	Rock	46	53.2	8.6	<0.002	<0.01	1.15	0.4	<1.0	0.4	31.4	<0.05	<0.05	1.1	0.006
21467	Rock	29	2.5	1.9	<0.002	<0.01	0.11	0.3	<1.0	0.3	9.4	<0.05	0.06	1.8	<0.005
21468	Rock	29	2.2	0.7	<0.002	<0.01	0.39	0.2	<1.0	0.3	1.3	<0.05	<0.05	0.7	<0.005
21469	Rock	102	30.4	3.8	<0.002	<0.01	0.17	1.0	<1.0	0.3	2.8	<0.05	<0.05	2.8	<0.005
21470	Rock	32	110.1	2.8	<0.002	<0.01	0.16	0.3	<1.0	0.2	7.0	<0.05	<0.05	1.1	<0.005
21001	Rock	59	15.9	11.0	<0.002	0.561	15.91	0.7	<1.0	0.4	37.7	<0.05	<0.05	2.2	0.007

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11-360-07342-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20106	Rock	0.05	0.4	10	0.7	1.6	16	19.3
20107	Rock	0.18	0.6	9	1.2	1.4	11	24.4
20108	Rock	0.25	0.6	11	1.0	1.1	13	19.0
20109	Rock	0.35	0.4	6	0.8	0.7	9	6.7
20110	Rock	0.02	<0.1	2	0.4	0.1	6	1.9
20111	Rock	0.24	0.8	21	1.1	2.4	19	38.4
20112	Rock	0.09	0.1	2	0.4	0.3	8	2.4
20113	Rock	<0.02	<0.1	1	0.3	0.7	5	0.9
20114	Rock	<0.02	<0.1	<1	0.2	<0.1	5	<0.5
20115	Rock	0.09	1.5	26	0.4	2.9	39	30.5
21357	Rock	0.07	0.7	8	1.2	0.8	24	5.5
21466	Rock	0.08	0.3	5	0.6	0.6	12	6.4
21467	Rock	<0.02	0.2	5	0.2	0.6	9	7.0
21468	Rock	<0.02	0.1	1	0.4	0.7	6	1.5
21469	Rock	<0.02	0.3	23	0.2	0.8	48	4.8
21470	Rock	<0.02	0.2	4	0.2	0.4	8	3.2
21001	Rock	0.06	0.7	6	0.3	1.6	8	6.0

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20106	Rock		0.28	0.75	91.0	36	0.25	0.02	0.04	0.06	13.61	2.3	223	0.71	9.6
20106 Dup			0.20	0.77	103.3	37	0.26	0.02	0.04	0.08	13.33	2.3	306	0.77	8.5
QCV1110-00517-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.45			393	2.61	8.23		0.16	87.28	22.7		6.73	>10000
QCV1110-00517-0004-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
20106	Rock	0.120													
20106 Dup		0.123													
QCV1110-00518-0002-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20106	Rock	0.55	1.65	1.55	0.9	<0.01	0.19	5.6	5.1	0.04	155	0.55	0.07	0.4	7.2
20106 Dup		0.57	1.80	1.56	0.9	<0.01	0.20	5.6	5.4	0.04	131	0.54	0.08	0.3	7.3
QCV1110-00517-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.17	1.72		1.08		40.5	24.1					14.5	39.7
QCV1110-00517-0004-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20106	Rock	69	5.5	12.4	<0.002	0.015	1.12	0.7	<1.0	0.4	6.6	<0.05	<0.05	3.4	0.011
20106 Dup		68	8.4	12.5	<0.002	0.015	1.32	0.8	<1.0	0.4	6.5	<0.05	<0.05	3.8	0.010
QCV1110-00517-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380			12.9	22.6					
STD-OREAS94-4A result			30.3	197.4	0.005	1.300		13.0	12.2	22.3	32.0	1.12	0.07		
QCV1110-00517-0004-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20106	Rock	0.05	0.4	10	0.7	1.6	16	19.3
20106 Dup		0.05	0.4	9	0.7	1.5	18	19.4
QCV1110-00517-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.83	3.1			24.4	178	113.6
QCV1110-00517-0004-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 8**
Client Reference: **Rock 8**
Description: **3 ACE**

Date Received: 10/04/2011
Date Completed: 10/21/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	111	Rock	

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-GV	Au, 2AT, Gravimetric
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS
Vancouver, BC	Cu-4A-OR-AA	Cu, Ore Grade, 4 Acid, AA

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au Au-2AT-GV g/ton 1.000	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20771	Rock	<0.005			0.40	2.46	17.3	163	0.44	9.40	0.02	<0.02	61.11	0.6	168
20772	Rock	<0.005			0.35	2.33	27.2	150	0.45	7.55	0.02	<0.02	18.56	1.0	181
20773	Rock	<0.005			0.19	2.58	104.5	177	0.44	1.06	0.02	<0.02	54.33	2.1	166
20774	Rock	<0.005			0.20	1.67	302.2	101	0.29	1.48	0.01	<0.02	32.87	2.6	173
20775	Rock	0.036			0.17	2.53	9.6	187	0.50	0.68	0.04	<0.02	77.54	1.2	205
20776	Rock	<0.005			0.18	2.02	444.8	114	0.27	5.83	0.03	<0.02	60.45	5.1	188
20777	Rock	0.081			4.20	1.49	>10000	66	0.22	127.17	0.02	0.02	52.55	2.6	163
20778	Rock	<0.005			0.57	1.74	>10000	99	0.19	16.26	0.02	<0.02	73.80	4.1	158
20779	Rock	0.047			0.31	1.03	>10000	62	0.22	6.52	0.02	<0.02	9.30	12.3	205
20780	Rock	<0.005			0.50	0.06	>10000	<5	<0.05	14.78	<0.01	<0.02	<0.01	6.8	211
20781	Rock	<0.005			0.12	2.07	71.4	135	0.25	0.50	0.02	<0.02	21.91	1.5	198
20782	Rock	0.006			0.11	1.72	60.3	134	0.28	0.71	0.03	<0.02	28.38	1.6	312
20783	Rock	0.009			0.16	1.75	9158.2	73	0.18	4.57	0.01	<0.02	31.24	4.4	198
20784	Rock	<0.005			0.22	0.97	2304.2	48	0.18	6.63	0.01	0.05	42.69	5.3	239
20785	Rock	0.009			0.97	6.24	>10000	352	1.52	25.75	0.05	0.58	51.70	44.5	172
20786	Rock	<0.005			0.15	2.16	107.8	52	0.35	0.21	0.22	<0.02	31.53	2.4	168
20787	Rock	<0.005			0.36	1.32	>10000	38	0.14	0.28	0.04	0.08	29.21	2.1	312
20788	Rock	0.006			1.17	2.89	48.6	67	0.40	0.09	0.23	0.04	22.19	2.7	151
20789	Rock	<0.005			0.28	0.77	15.3	36	0.36	0.03	0.04	0.02	16.51	1.4	91
20790	Rock	<0.005			0.12	0.15	11.2	5	<0.05	0.01	0.03	<0.02	<0.01	0.6	157
20791	Rock	<0.005			0.12	4.11	14.3	136	1.11	0.08	2.98	<0.02	7.66	10.6	155
20792	Rock	<0.005			0.54	>10	994.6	554	3.25	0.27	0.04	<0.02	197.88	4.1	142
20793	Rock	<0.005			0.09	0.66	32.7	23	0.09	0.25	0.05	<0.02	<0.01	4.4	199
20794	Rock	<0.005			0.22	0.48	8.6	68	0.15	0.03	0.31	0.04	3.47	1.1	107
20905	Rock	0.013			0.27	1.83	3370.1	160	0.27	6.28	0.05	0.03	35.56	2.1	346
20906	Rock	<0.005			0.33	3.27	6.9	224	0.77	0.06	1.78	0.10	45.03	4.4	246
20907	Rock	<0.005			0.04	2.92	5.7	65	0.25	0.02	1.99	0.03	12.84	1.8	128
20908	Rock	<0.005			0.10	2.34	6.1	191	0.67	0.06	0.14	<0.02	84.54	7.7	245
20909	Rock	<0.005			0.15	1.23	11.9	88	0.43	0.03	1.90	0.04	27.45	20.8	237
20910	Rock	0.085			0.40	1.50	795.0	40	0.12	0.16	0.06	<0.02	33.64	1.2	151
20911	Rock	0.010			0.75	2.91	>10000	74	0.52	0.13	0.20	1.05	42.94	4.7	168
20912	Rock	0.098			0.41	0.45	42.1	10	0.06	0.49	0.41	0.04	2.19	1.2	219
20913	Rock	0.018			0.11	0.90	35.6	42	0.15	0.02	0.02	0.04	14.48	1.3	234
20914	Rock	<0.005			0.06	0.27	18.9	12	<0.05	0.01	0.02	<0.02	10.04	1.0	213
20915	Rock	<0.005			1.18	5.04	15.6	146	0.58	0.07	0.68	0.03	60.23	5.7	161
20916	Rock	0.006			0.27	2.25	9.9	97	0.45	0.05	7.85	<0.02	41.99	2.4	140
20917	Rock	<0.005			0.39	1.02	2.0	64	0.36	0.03	1.45	0.07	90.48	133.6	215
20918	Rock	<0.005			0.53	5.60	4.9	74	1.62	6.06	1.04	<0.02	137.35	70.3	157
20919	Rock	0.010			0.55	4.08	9.2	79	0.79	8.07	0.17	<0.02	100.77	51.1	172
20920	Rock	<0.005			2.59	0.30	3.1	12	0.10	4.20	0.33	1.29	3.68	1.7	149

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au Au-2AT-GV g/ton 1.000	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20921	Rock	<0.005			0.22	0.96	4.0	21	0.19	0.06	0.14	0.05	5.70	1.4	229
20922	Rock	0.014			0.77	5.14	6.8	151	1.65	10.76	0.52	0.16	60.45	13.8	267
20923	Rock	0.021			0.11	3.74	78.4	146	0.59	0.10	0.23	<0.02	68.96	4.2	158
20924	Rock	0.120			0.13	2.77	525.6	133	0.49	0.07	0.98	<0.02	51.89	6.7	165
20925	Rock	0.101			0.48	2.21	174.0	82	0.36	0.21	1.04	<0.02	78.87	2.4	145
20926	Rock	3.255			2.64	1.29	>10000	85	0.21	0.54	0.01	0.02	14.63	1.2	96
20927	Rock	0.028			0.46	3.13	235.6	113	0.45	0.06	0.53	0.02	57.27	9.4	144
20928	Rock	0.054			0.19	1.88	1271.2	98	0.25	0.09	0.72	0.02	40.29	2.7	218
20929	Rock	0.006			1.51	8.81	26.4	60	1.46	8.78	0.22	<0.02	124.48	26.2	119
20930	Rock	0.077			0.19	8.58	415.4	577	1.52	0.10	0.05	<0.02	86.35	4.3	113
20931	Rock	0.086			0.21	5.37	606.9	271	0.94	0.30	0.03	<0.02	93.79	3.0	135
20932	Rock	0.015			1.12	2.25	1776.9	50	0.43	0.03	0.07	0.73	24.62	2.7	111
20933	Rock	0.015			0.34	1.78	80.7	66	0.28	0.04	0.11	0.19	<0.01	2.1	178
20934	Rock	0.044			0.16	2.45	415.2	48	0.35	0.04	0.02	0.16	39.94	2.1	96
20935	Rock	0.026			1.14	0.36	1103.9	15	<0.05	1.08	0.02	0.25	<0.01	0.5	274
20936	Rock	0.892			0.36	0.03	>10000	5	<0.05	0.26	<0.01	0.02	3.32	1.3	215
21002	Rock	0.007			1.57	7.45	43.4	57	1.41	11.13	0.33	0.03	104.04	55.8	120
21003	Rock	0.031			0.20	2.47	197.3	81	0.30	0.12	1.61	<0.02	75.51	7.5	175
21004	Rock	0.016			0.25	8.36	66.0	264	1.23	0.34	0.02	0.03	109.97	17.3	127
21005	Rock	0.035			0.10	2.06	860.7	52	0.38	0.08	0.30	0.69	26.48	2.9	181
21006	Rock	0.027			0.10	2.56	53.0	81	0.40	0.03	0.03	0.23	2.69	3.2	196
21007	Rock	0.492			0.44	0.46	>10000	15	0.05	0.12	0.01	0.23	9.38	1.3	206
21008	Rock	0.015			0.02	0.76	5574.8	9	0.13	0.04	0.01	0.06	<0.01	4.5	197
21009	Rock	0.237			0.48	0.60	6598.1	34	0.20	0.11	0.35	0.19	13.89	78.3	207
21010	Rock	1.395			0.38	0.31	>10000	18	0.10	0.28	0.06	0.03	27.03	26.4	214
21055	Rock	<0.005			0.67	2.18	54.3	165	0.32	2.42	0.02	<0.02	31.68	1.7	139
21056	Rock	<0.005			0.08	2.43	35.2	153	0.36	0.72	0.02	<0.02	16.58	1.3	154
21057	Rock	<0.005			0.03	0.74	16.0	47	0.12	0.03	0.05	<0.02	109.79	6.3	144
21058	Rock	<0.005			1.07	3.53	5.8	140	0.48	0.02	0.64	0.02	50.34	6.9	163
21059	Rock	<0.005			0.39	5.03	4.9	408	1.15	0.03	0.92	0.03	106.59	3.5	211
21060	Rock	0.067		2.89	25.96	1.59	4.3	42	0.20	0.10	0.02	0.10	24.93	13.8	149
21061	Rock	0.031			1.01	2.89	340.7	83	0.52	1.81	0.02	<0.02	29.92	0.7	119
21062	Rock	0.433			0.30	2.29	>10000	98	0.36	4.38	0.02	<0.02	33.95	35.0	119
21063	Rock	>10	11.599		12.03	0.26	>10000	20	0.13	272.30	<0.01	0.08	30.81	49.8	143
21064	Rock	0.007			0.63	0.50	192.0	14	0.10	0.46	0.02	<0.02	<0.01	2.4	166
21065	Rock	<0.005			0.20	1.09	32.4	40	0.28	0.24	0.05	<0.02	<0.01	2.8	161
21066	Rock	0.016			0.33	3.01	99.0	57	0.44	9.10	0.02	<0.02	33.63	3.2	152
21067	Rock	<0.005			0.13	0.78	24.5	25	0.13	0.07	>10	0.08	34.26	6.0	200
21068	Rock	0.006			0.12	0.41	42.3	34	0.21	0.04	0.98	<0.02	<0.01	40.2	164
21069	Rock	<0.005			0.11	0.41	3.7	26	0.11	0.04	0.26	<0.02	30.08	4.6	182

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au Au-2AT-GV g/ton 1.000	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
21070	Rock	<0.005			0.17	0.02	5.0	<5	<0.05	0.02	0.80	0.03	4.00	51.3	182
21071	Rock	0.324			0.26	0.61	10.8	27	0.20	0.07	0.08	<0.02	31.00	65.3	194
21072	Rock	0.006			0.71	6.77	20.3	70	1.48	12.68	0.44	<0.02	99.27	110.8	125
21073	Rock	<0.005			0.43	3.52	8.3	96	0.57	4.33	2.12	0.13	80.10	46.7	150
21074	Rock	<0.005			0.17	4.26	33.6	119	0.87	0.11	2.08	0.12	41.49	9.2	147
21075	Rock	<0.005			1.25	0.74	9.0	32	0.19	0.02	>10	0.05	<0.01	1.9	342
21076	Rock	<0.005			0.59	2.78	67.4	77	0.53	1.24	0.04	0.04	56.61	13.2	131
21077	Rock	1.047			0.32	0.90	9919.8	39	0.19	0.13	0.01	0.08	<0.01	0.8	196
21078	Rock	0.185			0.19	0.59	6915.5	27	0.19	0.08	0.02	<0.02	19.17	1.0	215
21079	Rock	0.013			0.63	7.77	119.7	332	1.39	1.54	0.39	0.05	48.98	23.5	178
21080	Rock	<0.005			2.00	0.39	16.7	18	<0.05	3.46	<0.01	0.23	<0.01	1.0	176
21081	Rock	0.008			0.22	1.93	20.0	76	0.36	0.30	0.05	<0.02	27.18	4.2	216
21082	Rock	<0.005			0.25	0.20	18.5	12	0.10	0.02	0.50	<0.02	<0.01	4.0	212
21083	Rock	<0.005			0.50	0.25	26.3	21	0.07	0.04	0.14	0.03	<0.01	6.9	135
21084	Rock	<0.005			0.24	2.88	10.9	293	0.56	0.06	0.11	0.03	70.29	5.1	239
21085	Rock	<0.005			0.12	0.48	3.2	18	0.15	0.06	0.20	0.06	69.49	1.6	230
21086	Rock	<0.005			0.15	0.95	5.7	56	0.22	0.35	0.36	0.02	21.83	2.7	221
21087	Rock	<0.005			0.05	2.09	4.9	6	0.15	0.11	0.06	0.03	36.50	3.1	144
21088	Rock	<0.005			0.13	1.44	6.0	63	0.56	0.17	0.23	0.04	12.84	5.5	262
21089	Rock	<0.005			0.18	3.40	3.9	152	0.77	0.36	0.52	0.03	61.46	8.5	152
21090	Rock	0.021			0.09	0.97	4.6	30	0.21	0.02	0.03	<0.02	30.91	0.6	269
21091	Rock	<0.005			0.05	1.23	1.5	35	0.51	0.19	0.48	0.03	2.29	2.3	281
21092	Rock	<0.005			1.22	0.92	2.3	39	0.30	0.13	1.38	0.07	25.29	5.3	264
21093	Rock	<0.005			0.67	7.61	5.2	180	3.34	0.47	2.77	0.19	155.01	21.5	210
21094	Rock	<0.005			0.38	5.28	1.9	191	2.40	0.69	4.39	0.10	64.32	24.3	232
21095	Rock	<0.005			0.35	2.11	1.7	67	0.87	0.22	0.90	<0.02	63.94	3.7	251
21096	Rock	0.011			0.45	1.03	1.6	26	0.25	8.32	0.60	<0.02	32.29	28.0	219
21097	Rock	0.025			0.16	3.98	87.0	152	0.65	0.13	0.23	<0.02	106.88	5.4	181
21098	Rock	0.149			0.37	1.73	576.4	52	0.30	0.41	0.94	<0.02	41.18	9.2	184
21099	Rock	0.005			0.30	2.81	17.7	203	0.71	0.07	2.13	<0.02	40.78	12.2	221
21100	Rock	0.241			0.23	2.49	6120.6	111	0.57	0.16	0.60	<0.02	34.84	6.3	212

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20771	Rock	1.20	8.4	1.74	11.06	1.43	12.1	0.02	0.89	9.3	6.5	0.13	47	0.59	0.02
20772	Rock	1.25	17.7	1.88	13.72	1.37	3.3	0.02	1.00	9.3	7.2	0.26	64	0.36	0.02
20773	Rock	1.20	16.3	2.01	1.78	1.35	3.4	0.02	1.09	16.6	7.7	0.18	64	0.34	0.02
20774	Rock	0.95	17.2	2.41	19.41	1.38	1.8	0.02	0.68	11.7	8.8	0.09	39	0.41	0.02
20775	Rock	1.28	10.2	0.99	10.96	1.27	3.9	0.02	1.10	20.5	7.2	0.21	74	0.38	0.02
20776	Rock	0.84	33.7	1.48	<0.05	1.44	2.2	0.02	0.86	18.0	6.9	0.15	55	0.45	0.02
20777	Rock	1.09	22.8	3.79	<0.05	1.72	1.5	0.05	0.50	20.7	6.8	0.15	50	0.94	0.05
20778	Rock	1.02	52.8	3.93	6.64	1.50	1.8	0.04	0.72	13.8	8.1	0.15	67	0.39	0.02
20779	Rock	0.63	29.9	2.15	<0.05	2.36	1.1	0.03	0.39	4.7	5.5	0.11	53	0.42	0.01
20780	Rock	0.20	45.3	3.99	16.90	2.78	<0.1	0.01	<0.01	<0.5	3.1	<0.01	20	0.44	<0.01
20781	Rock	0.87	23.0	1.94	18.12	1.40	2.1	0.02	0.83	10.9	6.0	0.17	59	0.34	0.02
20782	Rock	0.90	18.0	3.09	22.86	1.40	1.5	0.01	0.50	10.9	5.7	0.14	66	0.49	0.01
20783	Rock	0.75	52.4	3.46	1.52	1.72	1.3	0.01	0.45	9.2	18.2	0.53	124	0.38	0.02
20784	Rock	0.53	80.7	2.66	<0.05	2.10	0.7	<0.01	0.29	11.4	8.7	0.23	72	0.64	0.01
20785	Rock	2.32	37.8	5.13	27.58	3.34	3.7	0.07	2.34	11.8	29.4	0.88	160	0.44	0.06
20786	Rock	1.64	6.9	0.77	19.29	1.12	2.4	<0.01	0.37	13.7	7.9	0.11	238	0.46	0.70
20787	Rock	0.76	5.9	2.46	15.00	1.62	1.6	<0.01	0.23	7.1	4.2	0.03	37	1.95	0.53
20788	Rock	0.83	6.7	1.08	7.76	0.88	2.0	0.01	0.36	12.5	14.8	0.19	249	0.41	1.21
20789	Rock	0.41	5.6	0.39	<0.05	0.91	0.4	<0.01	0.18	4.3	7.1	0.01	52	0.37	0.02
20790	Rock	0.21	3.1	0.28	<0.05	0.84	<0.1	<0.01	0.02	<0.5	1.9	<0.01	25	0.41	<0.01
20791	Rock	1.18	14.5	3.44	10.21	0.87	2.4	0.03	0.74	9.2	22.6	0.59	472	1.40	1.30
20792	Rock	10.90	15.0	5.08	57.20	1.98	6.8	0.06	3.00	60.9	99.9	0.96	365	0.40	0.81
20793	Rock	0.46	6.7	1.02	<0.05	1.12	0.2	<0.01	0.15	2.5	8.4	0.09	234	0.38	0.03
20794	Rock	0.38	3.7	0.43	<0.05	1.33	<0.1	<0.01	0.27	1.8	1.7	0.13	113	0.54	0.05
20905	Rock	1.05	20.0	5.00	15.47	1.09	2.2	0.01	0.43	8.4	11.1	0.38	164	0.42	<0.01
20906	Rock	1.17	11.0	2.53	13.67	0.93	1.5	<0.01	0.47	16.4	18.1	0.38	350	0.58	0.73
20907	Rock	0.43	5.2	0.67	8.19	0.72	1.3	<0.01	0.25	10.0	5.3	0.12	173	0.42	1.84
20908	Rock	1.22	37.6	1.80	7.19	1.14	1.1	0.01	1.01	28.6	11.6	0.22	105	0.38	0.03
20909	Rock	0.75	68.7	2.52	15.30	0.95	0.4	0.02	0.44	10.8	9.0	0.16	264	0.54	0.03
20910	Rock	0.90	3.1	0.93	4.00	1.31	1.5	<0.01	0.24	9.5	4.5	0.07	79	0.31	0.49
20911	Rock	1.65	5.7	3.21	25.02	1.76	3.4	0.02	0.51	17.4	9.5	0.19	161	0.39	0.76
20912	Rock	0.25	6.2	0.65	<0.05	0.89	0.2	<0.01	0.03	1.5	6.8	0.06	233	0.38	0.16
20913	Rock	0.56	4.2	0.51	<0.05	0.96	0.5	<0.01	0.22	5.4	4.4	0.01	74	0.53	0.02
20914	Rock	0.34	5.6	0.36	16.57	0.90	0.2	<0.01	0.06	1.7	2.5	<0.01	31	0.36	<0.01
20915	Rock	0.93	13.0	1.59	2.32	0.99	11.3	0.01	0.56	18.2	11.0	0.27	127	0.38	<0.01
20916	Rock	0.85	3.4	2.09	17.98	1.09	1.4	0.01	0.49	11.2	3.9	0.44	497	0.32	0.80
20917	Rock	0.61	645.0	>10	19.91	0.92	0.6	<0.01	0.33	23.4	4.3	0.11	186	0.43	0.16
20918	Rock	2.56	39.6	>10	21.42	1.94	3.9	0.04	0.90	33.1	66.8	1.00	761	0.46	0.24
20919	Rock	1.54	65.1	>10	34.20	1.92	3.2	0.04	0.50	27.6	71.4	1.01	523	0.55	0.11
20920	Rock	0.30	586.6	0.47	1.74	1.18	0.1	0.03	0.06	1.2	3.6	0.03	125	0.58	0.06

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#220 17010 103rd Ave
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Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20921	Rock	0.41	419.7	0.59	<0.05	1.11	0.4	<0.01	0.15	2.9	4.8	0.05	84	0.48	0.37
20922	Rock	2.43	156.5	4.20	20.69	1.73	4.7	0.04	1.49	19.2	36.1	0.57	1005	4.48	0.35
20923	Rock	1.50	5.7	1.69	17.39	1.42	2.5	<0.01	0.77	21.4	20.0	0.27	83	0.39	0.91
20924	Rock	1.02	11.6	2.68	14.60	1.31	1.2	0.02	0.74	15.0	12.9	0.24	639	1.77	0.50
20925	Rock	0.83	6.7	1.70	9.51	1.11	1.2	0.02	0.42	17.9	1.9	0.14	241	0.33	0.79
20926	Rock	0.89	10.6	>10	21.88	2.58	1.0	0.04	0.46	5.9	2.2	0.04	14	0.26	0.08
20927	Rock	0.94	14.6	3.44	13.32	1.46	1.8	0.02	0.60	13.9	30.3	0.69	319	0.34	0.38
20928	Rock	0.87	4.6	1.34	<0.05	1.19	1.3	<0.01	0.52	12.1	5.4	0.12	195	0.34	0.32
20929	Rock	2.83	68.4	>10	14.57	1.48	5.1	0.05	2.18	31.1	76.5	1.16	357	0.21	0.94
20930	Rock	3.70	10.7	2.14	37.83	1.30	5.6	0.03	2.31	27.2	18.8	0.29	33	0.22	1.65
20931	Rock	3.21	5.0	1.58	37.37	1.35	4.4	0.01	1.45	23.5	5.5	0.12	19	0.32	0.99
20932	Rock	0.77	12.1	1.00	3.50	1.53	1.6	0.01	0.33	9.4	3.1	0.05	571	0.37	1.00
20933	Rock	0.99	6.2	1.05	9.21	1.26	0.9	0.01	0.64	6.3	2.7	0.07	680	0.41	0.09
20934	Rock	0.75	14.1	0.86	7.81	1.41	1.9	0.01	0.31	12.0	2.8	0.04	209	0.42	1.29
20935	Rock	0.33	2.6	0.58	<0.05	1.55	0.2	0.02	0.08	1.5	1.4	0.01	65	0.48	<0.01
20936	Rock	0.19	4.4	1.27	<0.05	1.82	<0.1	<0.01	<0.01	<0.5	0.5	<0.01	20	0.51	<0.01
21002	Rock	2.57	43.5	>10	40.53	1.48	4.8	0.05	1.73	33.0	82.2	1.11	540	0.24	0.69
21003	Rock	0.89	7.3	1.36	14.09	1.01	1.3	<0.01	0.37	16.4	7.6	0.18	256	0.45	1.04
21004	Rock	2.74	31.9	7.65	31.75	2.12	6.5	0.05	1.48	30.8	113.6	1.52	721	0.60	0.22
21005	Rock	0.73	9.5	1.26	<0.05	1.18	1.2	0.03	0.40	8.4	6.6	0.08	508	0.52	0.69
21006	Rock	1.35	9.8	1.30	<0.05	1.28	1.5	0.01	0.63	7.3	8.6	0.08	319	0.43	0.24
21007	Rock	0.31	12.9	1.76	<0.05	1.96	0.3	0.02	0.10	1.6	0.9	0.01	23	0.53	0.14
21008	Rock	0.21	3.9	0.79	<0.05	1.92	0.2	<0.01	0.03	0.9	0.8	<0.01	44	0.46	0.54
21009	Rock	0.45	265.9	1.32	4.43	1.72	0.4	0.04	0.27	3.2	2.0	0.03	556	0.49	0.01
21010	Rock	0.35	36.5	2.48	10.84	1.88	0.2	0.02	0.13	1.3	1.1	0.01	106	0.59	<0.01
21055	Rock	1.05	18.7	1.71	<0.05	1.67	1.2	0.02	0.90	10.7	9.2	0.18	56	0.42	0.02
21056	Rock	1.03	21.7	2.14	19.77	1.04	2.2	<0.01	0.81	8.1	13.7	0.55	96	0.33	0.02
21057	Rock	0.43	22.9	1.13	3.76	0.71	0.8	<0.01	0.21	42.0	3.2	0.07	41	0.42	0.16
21058	Rock	1.00	10.4	4.25	12.82	1.24	12.0	<0.01	0.65	8.5	44.9	1.02	140	0.35	0.46
21059	Rock	2.22	14.5	4.40	25.22	1.31	5.9	0.02	0.88	25.2	34.1	0.65	133	0.30	0.79
21060	Rock	0.66	>10000	>10	24.65	1.30	1.0	1.32	0.23	4.9	13.3	0.19	56	0.63	0.31
21061	Rock	1.03	47.8	1.38	1.02	1.19	2.5	0.04	0.64	16.8	12.1	0.07	35	0.57	0.03
21062	Rock	1.12	27.7	1.75	14.73	1.81	1.6	0.03	0.62	12.9	8.4	0.07	54	0.49	0.04
21063	Rock	0.27	174.2	>10	15.05	3.05	0.1	0.05	0.07	7.3	2.8	<0.01	37	0.72	<0.01
21064	Rock	0.30	14.1	1.09	<0.05	1.30	0.1	<0.01	0.08	3.9	8.4	0.16	93	0.48	0.01
21065	Rock	0.57	45.2	1.95	14.12	1.47	0.4	0.01	0.23	9.5	14.1	0.24	127	0.45	0.03
21066	Rock	0.80	39.9	2.72	7.40	1.26	1.9	0.02	0.31	10.2	12.6	0.02	74	0.43	0.02
21067	Rock	0.33	39.8	1.31	<0.05	0.47	0.4	0.02	0.09	22.6	5.3	0.19	1223	0.43	0.29
21068	Rock	0.43	56.9	2.84	14.64	0.90	0.2	<0.01	0.15	1.8	3.2	0.05	90	0.48	0.02
21069	Rock	0.38	29.8	0.81	<0.05	0.95	0.2	<0.01	0.13	14.2	3.8	0.07	73	0.46	0.02

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Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
21070	Rock	0.17	168.6	3.03	3.57	0.92	<0.1	0.01	<0.01	<0.5	0.5	<0.01	120	0.45	<0.01
21071	Rock	0.39	221.3	3.51	14.15	0.94	0.2	<0.01	0.15	8.9	7.3	0.15	62	0.54	0.01
21072	Rock	2.62	78.6	>10	35.46	1.97	3.2	0.04	1.64	30.0	73.9	1.22	572	0.77	0.27
21073	Rock	1.18	62.7	7.19	31.66	1.44	2.1	0.03	0.67	22.8	54.6	0.85	794	0.51	0.11
21074	Rock	1.03	19.7	3.18	10.73	1.06	1.9	0.03	0.55	13.0	50.7	0.75	480	0.30	1.51
21075	Rock	0.52	5.9	2.96	2.60	1.11	<0.1	<0.01	0.08	3.5	26.6	0.27	652	0.46	0.07
21076	Rock	1.20	72.6	>10	18.93	1.32	2.9	0.03	0.36	20.1	41.3	0.64	486	0.84	0.11
21077	Rock	1.61	7.6	1.20	1.64	2.83	0.9	<0.01	0.26	6.9	12.5	0.05	26	0.49	0.04
21078	Rock	1.46	7.7	0.93	4.90	2.51	0.5	<0.01	0.12	3.5	2.7	0.04	23	0.42	0.02
21079	Rock	4.22	19.4	5.46	20.64	1.54	5.2	0.05	1.72	11.4	63.9	0.77	328	15.78	0.46
21080	Rock	0.44	45.3	0.51	4.11	1.20	<0.1	0.10	0.10	1.8	4.6	0.04	33	0.57	0.03
21081	Rock	1.33	9.7	2.00	5.76	1.13	0.7	<0.01	0.51	9.7	23.1	0.20	193	0.60	0.09
21082	Rock	0.22	31.1	0.45	4.20	1.07	<0.1	<0.01	0.04	1.5	12.9	0.02	98	0.43	0.02
21083	Rock	0.30	47.5	0.60	<0.05	1.08	0.2	0.01	0.07	3.2	1.8	0.02	95	0.52	0.02
21084	Rock	1.20	6.8	2.16	8.96	1.11	1.4	0.01	0.94	15.4	7.4	0.11	82	0.45	0.45
21085	Rock	0.28	21.4	0.61	<0.05	1.16	<0.1	<0.01	0.11	16.5	1.8	0.13	160	0.50	0.06
21086	Rock	0.58	10.6	0.99	<0.05	0.99	0.3	<0.01	0.19	7.5	5.4	0.22	200	0.44	0.18
21087	Rock	0.17	15.2	0.65	<0.05	0.80	0.9	<0.01	0.04	9.3	1.5	0.09	42	0.89	1.45
21088	Rock	0.26	61.5	1.83	1.79	1.01	0.4	<0.01	0.14	5.4	3.4	0.18	155	0.51	0.66
21089	Rock	1.28	24.3	5.24	20.44	1.21	1.3	0.02	0.64	19.2	26.5	0.39	480	0.54	0.21
21090	Rock	0.45	3.1	2.00	11.14	0.72	0.3	<0.01	0.04	8.5	26.8	<0.01	33	0.42	<0.01
21091	Rock	2.01	12.4	0.86	0.91	0.95	0.4	<0.01	0.26	5.8	7.5	0.41	187	1.60	0.21
21092	Rock	0.92	23.9	1.35	7.47	1.18	8.4	<0.01	0.16	5.6	5.8	0.21	335	0.62	0.18
21093	Rock	6.50	57.2	3.96	22.07	1.87	11.5	0.08	2.26	51.3	38.2	1.53	1172	1.44	1.25
21094	Rock	2.22	85.5	5.00	41.36	1.62	3.0	0.05	0.67	22.6	12.0	1.13	930	0.99	0.60
21095	Rock	1.52	38.2	1.67	26.98	1.13	0.9	0.02	0.32	12.4	10.4	0.37	233	0.65	0.35
21096	Rock	0.46	299.8	6.16	14.33	0.96	0.4	0.28	0.17	12.1	9.7	0.34	357	0.53	0.06
21097	Rock	1.67	5.6	1.61	11.18	1.40	2.9	<0.01	0.83	34.4	25.7	0.26	75	0.45	0.99
21098	Rock	0.61	12.6	3.32	17.65	1.31	0.9	0.02	0.23	10.6	10.2	0.20	181	0.47	0.63
21099	Rock	1.25	14.9	2.50	4.00	1.02	1.6	0.02	0.82	16.0	18.6	0.29	206	0.54	0.13
21100	Rock	0.92	5.1	2.60	2.50	1.28	1.3	<0.01	0.60	10.4	3.3	0.14	358	0.39	0.77

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11-360-07344-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20771	Rock	4.5	3.7	<10	8.1	51.6	0.006	0.018	1.72	4.0	<1.0	13.3	5.6	0.35	<0.05
20772	Rock	1.6	4.1	78	16.5	56.0	<0.002	0.715	0.83	2.7	<1.0	25.4	6.5	0.16	<0.05
20773	Rock	1.7	5.4	95	3.5	55.7	<0.002	0.842	1.58	3.3	<1.0	14.7	4.8	0.15	<0.05
20774	Rock	1.2	5.4	63	3.8	39.1	<0.002	1.406	2.09	2.1	<1.0	23.0	4.3	0.10	<0.05
20775	Rock	1.8	5.1	105	3.2	65.5	<0.002	0.125	0.52	2.4	<1.0	21.4	5.3	0.17	<0.05
20776	Rock	1.3	7.2	79	6.7	41.5	<0.002	0.630	1.16	2.0	<1.0	14.7	3.8	0.12	<0.05
20777	Rock	1.0	6.3	85	136.6	27.6	0.003	1.593	15.98	2.0	<1.0	24.0	23.0	0.09	<0.05
20778	Rock	1.4	4.0	<10	17.0	44.6	0.004	2.519	13.68	1.7	1.4	42.1	11.3	0.12	<0.05
20779	Rock	0.9	8.9	<10	6.4	23.6	<0.002	1.330	8.95	1.4	1.5	13.5	3.0	0.06	<0.05
20780	Rock	0.2	5.7	<10	15.9	0.4	<0.002	2.829	25.04	0.2	1.8	0.5	1.4	<0.05	<0.05
20781	Rock	1.3	4.8	38	2.3	42.4	0.003	0.820	0.79	1.9	<1.0	8.8	3.3	0.11	<0.05
20782	Rock	1.1	6.1	73	3.0	47.0	<0.002	1.629	0.70	1.7	<1.0	14.3	4.0	0.08	<0.05
20783	Rock	0.8	9.2	77	4.6	19.3	0.002	1.363	5.02	2.1	<1.0	2.1	4.4	0.06	<0.05
20784	Rock	0.5	9.3	32	7.6	14.0	<0.002	1.453	2.01	1.5	<1.0	2.0	4.2	<0.05	<0.05
20785	Rock	3.1	34.1	221	24.9	120.9	<0.002	2.406	30.91	11.9	2.6	9.9	13.9	0.26	0.17
20786	Rock	0.8	7.4	91	19.0	23.1	0.002	0.023	0.88	1.8	<1.0	0.6	20.7	0.09	<0.05
20787	Rock	0.5	24.5	55	39.0	13.2	<0.002	1.290	14.11	1.2	<1.0	0.5	40.5	<0.05	0.20
20788	Rock	0.8	11.3	198	10.2	20.2	<0.002	<0.01	0.22	2.1	<1.0	0.5	25.6	0.09	<0.05
20789	Rock	0.2	4.0	175	2.5	9.2	<0.002	<0.01	0.17	0.6	<1.0	0.4	5.6	<0.05	<0.05
20790	Rock	0.2	3.2	38	1.7	1.2	<0.002	<0.01	0.10	0.2	<1.0	0.3	1.4	<0.05	<0.05
20791	Rock	1.7	23.3	117	22.8	40.8	0.004	1.606	0.58	4.7	<1.0	0.8	217.6	0.14	<0.05
20792	Rock	3.4	28.0	405	22.2	208.8	0.003	0.275	2.26	22.0	<1.0	2.5	163.4	0.61	<0.05
20793	Rock	0.1	6.0	187	25.9	8.6	<0.002	0.131	0.84	0.6	<1.0	0.3	5.5	<0.05	<0.05
20794	Rock	0.3	5.7	321	3.4	9.6	<0.002	0.023	0.09	0.7	1.1	0.3	18.5	<0.05	<0.05
20905	Rock	1.2	4.7	119	7.7	43.3	<0.002	0.403	3.08	2.8	<1.0	10.6	5.9	0.11	<0.05
20906	Rock	1.5	10.8	167	14.3	44.8	<0.002	0.090	0.20	2.8	<1.0	0.8	50.8	0.14	<0.05
20907	Rock	1.1	4.6	56	6.3	12.2	<0.002	0.076	<0.05	1.3	1.1	0.4	73.5	0.07	<0.05
20908	Rock	1.6	13.4	183	7.3	48.5	<0.002	0.239	0.17	3.4	<1.0	0.9	8.6	0.12	<0.05
20909	Rock	0.6	28.6	117	7.7	24.6	<0.002	0.844	0.25	2.0	<1.0	0.6	73.9	<0.05	<0.05
20910	Rock	0.7	3.9	53	14.0	15.2	<0.002	0.155	2.71	1.1	<1.0	0.5	20.7	0.09	<0.05
20911	Rock	0.9	8.3	91	33.4	33.0	<0.002	1.979	19.22	3.0	<1.0	0.7	68.0	0.09	<0.05
20912	Rock	0.1	3.7	374	206.0	1.7	<0.002	<0.01	0.36	0.4	<1.0	<0.2	9.1	<0.05	<0.05
20913	Rock	0.2	5.7	36	4.1	12.5	<0.002	<0.01	0.21	1.0	<1.0	0.5	7.1	<0.05	<0.05
20914	Rock	0.2	3.7	33	2.8	3.7	<0.002	<0.01	0.09	0.3	<1.0	0.2	5.9	<0.05	<0.05
20915	Rock	2.8	12.1	137	11.4	32.3	<0.002	0.382	0.63	5.1	<1.0	1.1	83.3	0.29	<0.05
20916	Rock	0.7	4.7	123	8.0	27.2	0.002	<0.01	0.89	2.0	<1.0	0.5	223.1	0.07	<0.05
20917	Rock	0.5	402.0	371	2.2	18.6	0.003	2.572	<0.05	2.0	1.4	0.6	61.9	<0.05	<0.05
20918	Rock	4.1	36.3	388	84.7	105.3	0.002	6.704	0.17	9.4	<1.0	1.6	62.0	0.41	0.16
20919	Rock	2.3	30.5	326	178.2	56.4	0.003	5.515	0.25	6.6	1.8	1.0	22.9	0.25	0.12
20920	Rock	0.2	4.5	18	5455.3	3.8	<0.002	0.051	0.36	0.3	3.5	0.4	10.7	<0.05	<0.05

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20921	Rock	0.4	4.8	46	33.9	8.6	<0.002	0.025	0.22	0.6	<1.0	0.5	17.6	<0.05	<0.05
20922	Rock	3.2	25.6	1341	280.3	87.9	<0.002	2.625	0.32	11.9	1.5	1.1	53.6	0.27	1.05
20923	Rock	1.0	13.5	98	5.9	48.7	0.002	0.333	0.95	4.0	<1.0	0.8	55.9	0.12	<0.05
20924	Rock	0.8	17.9	153	5.0	43.7	<0.002	0.752	1.50	4.2	<1.0	0.7	37.3	0.06	<0.05
20925	Rock	0.9	4.5	78	20.6	23.7	0.002	0.711	4.10	1.8	<1.0	0.5	84.0	0.08	<0.05
20926	Rock	0.5	3.0	28	34.1	30.0	<0.002	5.664	211.04	1.4	1.1	0.5	8.0	<0.05	0.15
20927	Rock	1.1	20.4	103	10.8	32.1	<0.002	0.378	1.74	2.6	<1.0	0.6	33.9	0.10	<0.05
20928	Rock	0.7	6.5	75	7.3	30.5	<0.002	0.453	3.07	1.3	<1.0	0.6	38.0	0.06	<0.05
20929	Rock	4.1	63.9	175	321.4	139.0	0.005	7.599	0.29	12.5	2.6	1.8	77.4	0.48	0.88
20930	Rock	2.5	15.7	138	4.7	141.6	0.002	1.024	1.22	9.5	<1.0	1.6	84.9	0.29	<0.05
20931	Rock	1.7	8.8	69	6.5	104.3	<0.002	0.989	2.41	6.6	<1.0	1.0	62.6	0.20	<0.05
20932	Rock	0.7	9.4	31	7.7	18.4	0.002	0.119	2.56	1.9	<1.0	0.4	31.6	0.08	<0.05
20933	Rock	0.5	5.4	52	28.5	34.7	<0.002	0.235	0.76	1.2	1.0	7.0	7.2	0.05	<0.05
20934	Rock	0.6	6.3	53	21.0	17.9	<0.002	0.048	1.43	1.9	<1.0	0.6	40.4	0.07	<0.05
20935	Rock	0.1	3.4	<10	777.0	7.3	<0.002	0.049	1.62	<0.1	<1.0	2.8	3.8	<0.05	<0.05
20936	Rock	0.1	5.7	<10	51.0	0.3	<0.002	0.502	16.35	<0.1	<1.0	0.2	1.0	<0.05	<0.05
21002	Rock	4.9	76.0	157	278.5	124.4	0.004	>10	0.22	11.4	3.8	1.8	67.8	0.42	0.62
21003	Rock	0.5	7.5	165	28.1	25.0	<0.002	0.604	1.49	2.0	<1.0	0.5	76.8	<0.05	<0.05
21004	Rock	3.6	53.0	238	42.3	81.6	0.003	0.371	2.16	13.3	<1.0	1.3	38.2	0.36	<0.05
21005	Rock	0.5	8.9	66	32.5	20.8	<0.002	0.267	1.16	1.5	<1.0	0.7	22.2	<0.05	<0.05
21006	Rock	0.8	8.7	91	13.3	34.8	<0.002	0.142	0.51	2.2	<1.0	0.8	11.8	0.08	<0.05
21007	Rock	0.2	5.9	<10	110.4	5.3	<0.002	0.927	18.17	0.4	<1.0	1.6	6.9	<0.05	<0.05
21008	Rock	0.2	16.4	19	3.3	1.3	0.003	0.310	3.88	0.2	<1.0	0.3	27.5	<0.05	<0.05
21009	Rock	0.2	25.2	63	11.8	12.8	<0.002	0.435	6.82	0.7	1.6	0.6	4.9	<0.05	0.27
21010	Rock	0.2	15.8	154	26.2	6.7	<0.002	1.476	16.72	0.4	2.8	0.4	5.4	<0.05	0.65
21055	Rock	1.1	4.6	68	3.3	46.1	<0.002	0.537	0.73	1.9	<1.0	10.4	4.6	0.08	<0.05
21056	Rock	1.1	6.8	75	3.2	43.6	<0.002	0.433	0.60	2.1	<1.0	9.1	4.3	0.07	<0.05
21057	Rock	0.4	10.8	145	2.0	9.8	<0.002	0.360	0.29	0.6	<1.0	0.3	5.5	<0.05	<0.05
21058	Rock	1.7	10.4	81	2.2	33.8	<0.002	0.130	0.15	2.8	<1.0	0.9	27.4	0.14	<0.05
21059	Rock	3.4	10.5	172	3.7	88.6	0.002	0.135	0.26	7.0	<1.0	1.5	45.3	0.33	<0.05
21060	Rock	0.6	38.5	65	9.5	14.1	<0.002	1.697	0.24	2.1	6.7	8.8	6.2	0.07	<0.05
21061	Rock	1.5	3.0	127	3.0	40.4	<0.002	0.022	0.92	3.0	<1.0	9.9	15.6	0.14	<0.05
21062	Rock	0.8	10.0	49	2.5	36.1	<0.002	0.532	7.07	3.7	<1.0	6.4	11.4	0.07	0.66
21063	Rock	0.3	9.0	244	88.3	4.1	0.002	4.205	77.60	1.9	19.9	0.7	3.5	<0.05	5.05
21064	Rock	0.2	7.9	49	1.4	4.0	<0.002	0.148	0.34	0.8	<1.0	0.5	4.0	<0.05	<0.05
21065	Rock	0.4	8.2	286	1.8	11.8	<0.002	0.450	0.37	1.7	<1.0	1.8	10.0	<0.05	<0.05
21066	Rock	1.0	8.4	145	5.7	16.4	<0.002	0.722	0.92	3.8	<1.0	2.1	16.3	0.10	<0.05
21067	Rock	0.5	14.1	1071	9.4	5.5	0.006	<0.01	<0.05	2.2	<1.0	0.3	472.3	<0.05	<0.05
21068	Rock	0.2	47.3	33	3.6	8.6	<0.002	1.886	0.62	1.0	<1.0	0.4	18.8	<0.05	<0.05
21069	Rock	0.4	12.6	114	4.6	7.8	<0.002	0.227	<0.05	0.6	<1.0	0.3	9.4	<0.05	<0.05

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Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
21070	Rock	0.2	133.9	16	1.2	0.1	<0.002	1.387	<0.05	0.5	<1.0	0.3	30.0	<0.05	<0.05
21071	Rock	0.4	162.0	57	6.6	8.5	<0.002	1.982	<0.05	0.7	<1.0	0.4	4.5	<0.05	<0.05
21072	Rock	4.0	51.2	167	98.2	99.6	<0.002	5.979	0.29	9.4	<1.0	1.6	54.6	0.30	0.65
21073	Rock	1.5	28.6	977	76.2	38.6	<0.002	2.607	0.21	4.9	<1.0	0.7	213.6	0.11	0.06
21074	Rock	1.7	23.8	121	18.3	32.2	<0.002	0.147	0.65	6.7	<1.0	0.7	163.8	0.14	<0.05
21075	Rock	0.1	9.0	98	17.4	8.6	0.003	<0.01	<0.05	1.5	<1.0	0.2	383.2	<0.05	<0.05
21076	Rock	1.4	28.3	584	98.0	22.7	0.004	0.684	2.05	6.1	1.4	0.5	23.5	0.09	<0.05
21077	Rock	0.4	3.9	14	19.1	17.6	<0.002	0.393	8.67	1.0	<1.0	0.5	11.9	<0.05	<0.05
21078	Rock	0.2	4.7	16	3.5	9.8	<0.002	0.425	6.33	0.4	<1.0	0.3	8.6	<0.05	<0.05
21079	Rock	4.1	38.7	1956	190.9	108.7	<0.002	2.281	3.35	14.7	1.6	1.4	87.3	0.30	0.15
21080	Rock	0.1	4.3	35	969.4	5.7	<0.002	0.020	0.27	0.4	1.0	0.5	5.6	<0.05	<0.05
21081	Rock	0.4	8.6	56	41.2	32.1	<0.002	0.680	1.32	1.9	<1.0	0.5	12.7	<0.05	<0.05
21082	Rock	0.1	15.5	<10	2.9	2.3	<0.002	0.024	0.44	0.5	<1.0	0.2	17.1	<0.05	<0.05
21083	Rock	0.2	14.5	148	3.8	4.5	<0.002	0.042	0.32	0.5	<1.0	0.3	6.3	<0.05	<0.05
21084	Rock	0.8	9.9	89	13.1	46.0	<0.002	0.388	0.43	3.0	<1.0	0.7	57.8	0.08	<0.05
21085	Rock	0.8	6.6	52	3.3	7.2	<0.002	0.037	<0.05	0.9	<1.0	0.5	11.2	<0.05	<0.05
21086	Rock	1.7	6.4	131	14.6	14.0	0.002	0.105	<0.05	0.8	<1.0	0.5	42.2	0.10	<0.05
21087	Rock	0.7	7.2	99	7.8	2.5	<0.002	0.141	<0.05	1.1	<1.0	0.2	9.6	<0.05	<0.05
21088	Rock	1.1	26.9	422	10.7	7.8	<0.002	1.141	<0.05	1.8	<1.0	0.5	69.5	0.07	<0.05
21089	Rock	1.6	20.1	128	61.9	36.1	<0.002	1.782	3.43	6.0	<1.0	2.0	46.6	0.11	<0.05
21090	Rock	0.2	4.1	16	3.3	4.0	<0.002	1.530	9.16	0.3	<1.0	0.3	5.7	<0.05	<0.05
21091	Rock	0.7	6.3	48	3.4	22.4	0.005	0.104	0.05	1.8	<1.0	0.6	30.8	<0.05	<0.05
21092	Rock	0.7	12.9	298	3.7	12.9	0.003	0.488	0.15	2.6	<1.0	0.6	77.5	<0.05	<0.05
21093	Rock	12.1	40.1	874	24.5	150.3	0.005	2.719	0.33	18.3	2.2	2.7	206.4	0.86	<0.05
21094	Rock	9.5	52.3	257	12.0	46.9	0.002	1.810	0.14	12.3	1.2	3.1	357.4	0.65	0.07
21095	Rock	7.2	7.6	146	9.9	25.5	<0.002	0.263	0.12	4.2	<1.0	1.0	87.9	0.49	<0.05
21096	Rock	2.8	8.1	99	7.5	11.3	<0.002	1.973	0.18	1.9	<1.0	8.7	25.6	0.18	0.30
21097	Rock	2.4	12.0	139	4.2	52.3	<0.002	0.388	1.03	4.0	<1.0	0.9	56.7	0.19	<0.05
21098	Rock	0.3	16.3	95	13.2	14.2	<0.002	2.503	1.63	1.7	<1.0	0.4	74.3	<0.05	<0.05
21099	Rock	1.0	25.4	92	25.9	50.2	<0.002	1.394	2.23	2.4	<1.0	0.7	118.6	0.07	<0.05
21100	Rock	0.6	10.0	160	7.5	33.7	<0.002	1.819	10.49	2.6	<1.0	0.7	50.3	0.06	<0.05

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Certificate of Analysis

11-360-07344-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20771	Rock	15.2	0.033	0.21	0.9	24	0.7	2.9	6	38.9
20772	Rock	7.6	0.031	0.23	0.5	24	0.7	2.4	7	23.9
20773	Rock	11.9	0.040	0.24	0.8	29	1.1	3.4	8	37.6
20774	Rock	5.6	0.025	0.15	0.5	14	1.0	1.9	6	20.9
20775	Rock	24.3	0.051	0.26	1.4	28	0.8	4.7	7	57.2
20776	Rock	13.7	0.035	0.16	1.0	20	1.0	2.7	9	32.0
20777	Rock	11.6	0.028	0.10	0.7	16	1.4	2.9	7	21.2
20778	Rock	11.7	0.038	0.19	0.8	18	1.3	2.7	6	24.5
20779	Rock	5.5	0.021	0.07	0.5	13	2.4	1.6	6	17.0
20780	Rock	0.4	<0.005	<0.02	<0.1	1	0.5	<0.1	<2	<0.5
20781	Rock	8.0	0.035	0.17	0.7	22	0.7	2.7	5	31.1
20782	Rock	6.2	0.032	0.15	0.5	26	0.8	2.4	5	25.4
20783	Rock	7.6	0.022	0.08	0.7	29	0.4	2.4	17	19.3
20784	Rock	4.7	0.014	0.04	0.6	16	0.3	2.1	9	12.4
20785	Rock	14.3	0.092	0.51	1.8	103	1.8	5.0	41	54.8
20786	Rock	10.4	0.016	0.09	1.3	22	0.3	3.5	12	45.5
20787	Rock	7.4	0.008	0.04	1.2	11	0.4	1.9	8	26.9
20788	Rock	8.3	0.017	0.06	0.9	28	<0.1	2.7	19	34.1
20789	Rock	1.7	0.008	0.02	0.6	8	0.2	1.0	5	8.3
20790	Rock	0.5	<0.005	<0.02	<0.1	1	<0.1	0.2	3	1.3
20791	Rock	12.2	0.042	0.27	1.3	49	0.2	6.7	40	39.4
20792	Rock	29.9	0.082	1.12	4.6	183	1.6	6.8	68	94.8
20793	Rock	1.0	<0.005	0.39	0.6	7	<0.1	1.1	14	3.7
20794	Rock	0.4	0.006	0.02	<0.1	9	<0.1	1.9	11	0.8
20905	Rock	10.6	0.054	0.17	1.1	44	1.7	3.5	12	34.7
20906	Rock	8.1	0.053	0.21	0.8	44	0.2	3.5	47	23.6
20907	Rock	8.3	0.026	0.02	0.6	20	0.1	2.6	9	22.2
20908	Rock	7.1	0.042	0.21	0.6	32	0.2	2.8	11	18.5
20909	Rock	3.1	0.017	0.08	0.5	17	<0.1	7.4	10	7.8
20910	Rock	6.8	0.016	0.05	0.7	15	0.4	2.4	7	31.8
20911	Rock	15.3	0.022	0.15	1.6	31	0.7	5.6	81	69.1
20912	Rock	0.8	<0.005	<0.02	0.6	5	<0.1	1.4	16	2.0
20913	Rock	3.1	0.007	0.03	0.6	9	0.2	1.6	9	11.0
20914	Rock	1.2	<0.005	<0.02	0.2	3	<0.1	0.4	5	3.7
20915	Rock	14.6	0.031	0.12	0.9	45	0.3	3.9	21	32.0
20916	Rock	6.6	0.018	0.11	0.8	26	0.1	5.5	10	22.7
20917	Rock	6.9	0.013	0.05	0.9	13	0.2	5.8	19	10.9
20918	Rock	22.8	0.116	0.45	2.5	113	0.5	7.8	171	45.9
20919	Rock	22.9	0.071	0.25	2.5	81	0.4	7.5	216	47.4
20920	Rock	0.5	<0.005	<0.02	0.4	3	<0.1	1.0	15	2.0

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11-360-07344-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20921	Rock	1.5	0.008	<0.02	0.4	9	<0.1	0.8	11	6.8
20922	Rock	11.3	0.085	0.39	3.1	81	0.3	9.2	45	89.3
20923	Rock	13.3	0.029	0.24	1.3	45	0.2	4.5	17	45.6
20924	Rock	8.5	0.024	0.15	0.9	33	0.3	5.7	20	21.8
20925	Rock	9.0	0.030	0.08	0.7	21	0.3	3.3	8	22.8
20926	Rock	5.2	0.012	0.16	0.4	13	0.3	1.3	3	17.1
20927	Rock	7.7	0.026	0.15	1.4	39	0.3	4.1	46	37.7
20928	Rock	7.2	0.021	0.15	0.6	20	0.2	3.1	9	22.2
20929	Rock	21.7	0.120	0.69	3.2	133	0.4	8.3	108	90.4
20930	Rock	18.6	0.063	0.81	2.6	89	0.4	8.0	18	103.0
20931	Rock	16.2	0.054	0.77	1.7	63	0.9	6.3	5	80.8
20932	Rock	5.8	0.016	0.06	0.8	20	0.8	2.8	45	29.7
20933	Rock	3.9	0.012	0.15	0.5	15	0.5	1.9	25	16.6
20934	Rock	7.5	0.018	0.05	1.0	21	1.0	2.8	36	38.5
20935	Rock	0.6	<0.005	<0.02	0.1	5	0.3	0.4	11	3.5
20936	Rock	0.4	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	1.1
21002	Rock	19.7	0.130	0.53	2.2	118	0.5	9.0	147	88.9
21003	Rock	5.7	0.012	0.11	1.0	23	0.2	4.0	12	26.2
21004	Rock	22.5	0.099	0.45	3.6	136	0.6	9.9	137	119.4
21005	Rock	5.5	0.013	0.07	0.8	17	0.5	3.1	79	21.9
21006	Rock	6.8	0.022	0.12	0.9	24	0.5	2.2	54	30.5
21007	Rock	1.1	<0.005	<0.02	0.2	3	0.2	0.5	9	6.8
21008	Rock	0.7	<0.005	<0.02	0.1	3	0.1	0.3	6	3.6
21009	Rock	1.6	0.006	0.03	0.3	8	0.4	1.6	23	7.5
21010	Rock	1.0	<0.005	<0.02	0.1	6	0.3	0.9	8	4.5
21055	Rock	4.6	0.037	0.15	0.5	23	0.8	2.3	9	26.7
21056	Rock	11.1	0.042	0.15	0.9	32	0.6	3.7	12	41.7
21057	Rock	6.8	0.010	<0.02	0.4	7	0.2	1.4	5	14.6
21058	Rock	18.0	0.034	0.12	1.1	53	0.2	2.6	57	30.4
21059	Rock	17.7	0.091	0.35	1.4	92	0.3	4.8	33	57.9
21060	Rock	5.2	0.016	0.03	1.3	21	0.1	3.4	179	18.2
21061	Rock	7.5	0.040	0.15	1.0	29	0.9	2.9	7	41.6
21062	Rock	4.3	0.026	0.12	0.6	26	0.8	2.4	8	25.4
21063	Rock	1.8	<0.005	<0.02	0.2	4	0.1	1.3	5	2.3
21064	Rock	0.6	<0.005	<0.02	0.2	9	<0.1	0.6	9	2.8
21065	Rock	3.1	0.011	<0.02	0.5	17	0.1	1.7	10	8.8
21066	Rock	7.6	0.025	0.05	1.0	32	0.6	3.3	18	32.0
21067	Rock	3.4	0.010	<0.02	0.7	9	0.1	40.8	17	7.6
21068	Rock	1.1	0.005	<0.02	0.4	6	<0.1	4.2	6	4.3
21069	Rock	2.2	0.008	<0.02	0.3	7	<0.1	1.7	6	4.6

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11-360-07344-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21070	Rock	0.9	<0.005	<0.02	0.4	<1	<0.1	3.7	8	1.0
21071	Rock	3.2	0.007	<0.02	1.6	10	<0.1	1.1	12	5.0
21072	Rock	20.2	0.096	0.41	4.6	88	0.5	7.9	174	50.6
21073	Rock	15.1	0.040	0.16	2.4	51	0.3	12.1	119	35.5
21074	Rock	11.1	0.044	0.12	1.2	49	0.2	7.4	95	37.1
21075	Rock	0.3	<0.005	<0.02	<0.1	21	<0.1	6.5	41	0.7
21076	Rock	13.2	0.041	0.10	2.4	58	0.2	7.7	134	54.0
21077	Rock	4.4	0.010	0.06	0.6	11	0.3	1.3	7	17.2
21078	Rock	2.2	0.005	<0.02	0.6	7	0.2	1.2	2	9.7
21079	Rock	17.2	0.091	0.73	3.1	117	0.7	8.5	68	98.2
21080	Rock	0.5	<0.005	<0.02	0.2	5	0.2	0.3	5	1.4
21081	Rock	4.7	0.011	0.31	0.4	20	0.1	1.3	21	12.4
21082	Rock	0.7	<0.005	<0.02	0.2	3	<0.1	0.9	5	1.4
21083	Rock	1.6	<0.005	<0.02	0.2	4	<0.1	1.3	6	4.3
21084	Rock	9.3	0.024	0.19	0.9	27	0.1	3.0	15	26.3
21085	Rock	4.9	0.017	<0.02	0.4	11	7.7	4.4	10	2.1
21086	Rock	6.0	0.041	0.06	0.6	12	0.4	3.4	13	5.2
21087	Rock	6.1	0.012	<0.02	0.5	14	<0.1	1.8	9	15.0
21088	Rock	3.4	0.032	<0.02	0.4	21	0.1	2.7	14	8.0
21089	Rock	12.9	0.036	0.24	1.1	47	1.6	4.0	52	23.7
21090	Rock	2.3	0.007	0.18	0.2	10	0.2	0.7	3	5.1
21091	Rock	2.0	0.032	0.14	0.4	33	<0.1	1.8	17	7.7
21092	Rock	3.6	0.026	0.06	0.3	19	0.4	6.0	17	5.1
21093	Rock	25.3	0.299	0.82	3.0	168	0.9	25.7	105	88.8
21094	Rock	14.9	0.261	0.23	2.0	118	1.0	18.1	55	45.1
21095	Rock	7.7	0.119	0.12	0.9	35	0.3	6.4	21	15.2
21096	Rock	4.5	0.082	0.03	0.8	21	0.5	5.9	17	6.1
21097	Rock	16.5	0.038	0.28	1.2	45	0.2	4.3	16	49.0
21098	Rock	6.7	0.008	0.05	0.7	18	<0.1	3.2	11	13.9
21099	Rock	12.8	0.028	0.26	1.0	29	0.2	5.0	21	29.2
21100	Rock	10.7	0.015	0.15	0.8	25	0.1	3.3	4	21.0

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Certificate of Analysis

11-360-07344-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au Au-2AT-GV g/ton 1.000	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20771	Rock				0.40	2.46	17.3	163	0.44	9.40	0.02	<0.02	61.11	0.6	168
20771 Dup					0.39	2.50	17.4	158	0.36	9.58	0.02	<0.02	63.84	0.5	180
QCV1110-00350-0002-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					61.35										
20789	Rock				0.28	0.77	15.3	36	0.36	0.03	0.04	0.02	16.51	1.4	91
20789 Dup					0.21	0.76	15.6	36	0.14	0.04	0.04	<0.02	7.88	1.5	125
QCV1110-00350-0005-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					62.43										
20917	Rock				0.39	1.02	2.0	64	0.36	0.03	1.45	0.07	90.48	133.6	215
20917 Dup					0.33	1.03	1.5	61	0.40	0.02	1.36	0.06	84.51	139.6	200
QCV1110-00350-0008-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					61.48										
20935	Rock				1.14	0.36	1103.9	15	<0.05	1.08	0.02	0.25	<0.01	0.5	274
20935 Dup					1.14	0.36	1013.7	15	<0.05	1.05	0.02	0.26	31.79	0.6	221
QCV1110-00350-0011-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-OREAS94-4A expected					3.37					8.02				23.1	
STD-OREAS94-4A result					3.77		10.1	412	2.55	8.28		0.25		23.1	
21062	Rock				0.30	2.29	>10000	98	0.36	4.38	0.02	<0.02	33.95	35.0	119
21062 Dup					0.29	2.30	>10000	95	0.32	4.53	0.02	<0.02	9.76	35.7	152
QCV1110-00350-0014-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					62.03										
21080	Rock				2.00	0.39	16.7	18	<0.05	3.46	<0.01	0.23	<0.01	1.0	176
21080 Dup					2.08	0.38	18.8	18	0.11	3.44	<0.01	0.24	<0.01	0.8	150
QCV1110-00350-0017-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-CDN-ME-8 expected					61.70										
STD-CDN-ME-8 result					61.19										
21098	Rock				0.37	1.73	576.4	52	0.30	0.41	0.94	<0.02	41.18	9.2	184
21098 Dup					0.50	1.72	621.3	55	0.31	0.42	0.95	<0.02	28.57	9.3	142
QCV1110-00350-0020-BLK					<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1
STD-OREAS94-4A expected					3.37					8.02				23.1	
STD-OREAS94-4A result					3.81		9.2	425	2.59	8.45		0.21		22.8	
20771	Rock	<0.005													
20771 Dup		<0.005													
QCV1110-00351-0004-BLK		<0.005													
20917	Rock	<0.005													
20917 Dup		<0.005													

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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au Au-2AT-GV g/ton 1.000	Cu Cu-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1
20935	Rock	0.026													
20935 Dup		0.027													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.429													
QCV1110-00351-0008-BLK		<0.005													
21062	Rock	0.433													
21062 Dup		0.405													
21080	Rock	<0.005													
21080 Dup		0.007													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.993													
QCV1110-00351-0012-BLK		<0.005													
21098	Rock	0.149													
21098 Dup		0.153													
QCV1110-00351-0014-BLK		<0.005													
21063	Rock		11.599												
21063 Dup			11.153												

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01
20771	Rock	1.20	8.4	1.74	11.06	1.43	12.1	0.02	0.89	9.3	6.5	0.13	47	0.59	0.02
20771 Dup		1.13	9.3	1.75	9.57	1.38	5.4	0.01	0.90	11.5	6.4	0.13	46	0.48	0.03
QCV1110-00350-0002-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1012.0												
20789	Rock	0.41	5.6	0.39	<0.05	0.91	0.4	<0.01	0.18	4.3	7.1	0.01	52	0.37	0.02
20789 Dup		0.44	5.0	0.39	1.77	0.96	0.4	<0.01	0.18	4.4	7.4	0.01	52	0.37	0.02
QCV1110-00350-0005-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1020.4												
20917	Rock	0.61	645.0	>10	19.91	0.92	0.6	<0.01	0.33	23.4	4.3	0.11	186	0.43	0.16
20917 Dup		0.59	654.6	>10	43.68	0.85	0.6	0.01	0.33	26.4	4.8	0.11	179	0.40	0.16
QCV1110-00350-0008-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1040.3												
20935	Rock	0.33	2.6	0.58	<0.05	1.55	0.2	0.02	0.08	1.5	1.4	0.01	65	0.48	<0.01
20935 Dup		0.32	3.0	0.54	<0.05	1.57	0.2	0.01	0.09	1.4	1.4	0.01	58	0.44	<0.01
QCV1110-00350-0011-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-OREAS94-4A expected			11400												
STD-OREAS94-4A result		6.82	>10000					1.16		42.6	24.8			0.83	
21062	Rock	1.12	27.7	1.75	14.73	1.81	1.6	0.03	0.62	12.9	8.4	0.07	54	0.49	0.04
21062 Dup		1.13	26.5	1.74	4.60	1.73	1.5	0.02	0.62	10.0	7.5	0.07	55	0.43	0.04
QCV1110-00350-0014-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			824.0												
21080	Rock	0.44	45.3	0.51	4.11	1.20	<0.1	0.10	0.10	1.8	4.6	0.04	33	0.57	0.03
21080 Dup		0.45	44.8	0.51	4.24	1.10	<0.1	0.09	0.09	1.7	4.8	0.04	34	0.53	0.02
QCV1110-00350-0017-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-CDN-ME-8 expected			1030.0												
STD-CDN-ME-8 result			1037.0												
21098	Rock	0.61	12.6	3.32	17.65	1.31	0.9	0.02	0.23	10.6	10.2	0.20	181	0.47	0.63
21098 Dup		0.62	13.1	3.36	14.38	1.28	0.9	0.02	0.22	11.2	10.0	0.20	184	0.39	0.61
QCV1110-00350-0020-BLK		<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01
STD-OREAS94-4A expected			11400												
STD-OREAS94-4A result		6.90	>10000					1.11		43.3	23.6			0.74	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05
20771	Rock	4.5	3.7	<10	8.1	51.6	0.006	0.018	1.72	4.0	<1.0	13.3	5.6	0.35	<0.05
20771 Dup		2.1	3.1	<10	7.9	48.2	<0.002	0.019	1.53	3.0	<1.0	12.7	5.7	0.22	<0.05
QCV1110-00350-0002-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20789	Rock	0.2	4.0	175	2.5	9.2	<0.002	<0.01	0.17	0.6	<1.0	0.4	5.6	<0.05	<0.05
20789 Dup		0.2	3.9	169	1.8	9.6	<0.002	<0.01	0.19	0.8	<1.0	0.4	5.8	<0.05	<0.05
QCV1110-00350-0005-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20917	Rock	0.5	402.0	371	2.2	18.6	0.003	2.572	<0.05	2.0	1.4	0.6	61.9	<0.05	<0.05
20917 Dup		0.5	391.8	368	2.2	17.7	<0.002	2.706	<0.05	1.9	<1.0	0.5	61.1	<0.05	<0.05
QCV1110-00350-0008-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
20935	Rock	0.1	3.4	<10	777.0	7.3	<0.002	0.049	1.62	<0.1	<1.0	2.8	3.8	<0.05	<0.05
20935 Dup		0.2	3.8	<10	669.1	7.2	<0.002	0.045	1.61	0.2	<1.0	2.8	3.7	<0.05	<0.05
QCV1110-00350-0011-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-OREAS94-4A expected					30.9			1.380	2.36		12.9	22.6			
STD-OREAS94-4A result		14.2	40.2		29.8	199.0	0.006	1.366	2.91	14.2	13.8	21.9	33.3	1.10	<0.05
21062	Rock	0.8	10.0	49	2.5	36.1	<0.002	0.532	7.07	3.7	<1.0	6.4	11.4	0.07	0.66
21062 Dup		0.8	9.8	40	2.7	36.8	<0.002	0.541	6.99	3.7	1.8	6.4	11.0	0.08	0.78
QCV1110-00350-0014-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
21080	Rock	0.1	4.3	35	969.4	5.7	<0.002	0.020	0.27	0.4	1.0	0.5	5.6	<0.05	<0.05
21080 Dup		0.1	4.3	35	986.1	5.5	<0.002	0.019	0.25	0.4	1.2	0.5	5.3	<0.05	<0.05
QCV1110-00350-0017-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-CDN-ME-8 expected					19400										
STD-CDN-ME-8 result					>10000										
21098	Rock	0.3	16.3	95	13.2	14.2	<0.002	2.503	1.63	1.7	<1.0	0.4	74.3	<0.05	<0.05
21098 Dup		0.4	13.5	94	13.5	14.4	<0.002	2.530	1.69	1.8	<1.0	0.4	74.9	<0.05	<0.05
QCV1110-00350-0020-BLK		<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05
STD-OREAS94-4A expected					30.9			1.380	2.36		12.9	22.6			
STD-OREAS94-4A result		15.4	40.5		29.6	202.3	0.004	1.337	2.42	14.0	13.2	22.1	33.9	1.18	<0.05

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20771	Rock	15.2	0.033	0.21	0.9	24	0.7	2.9	6	38.9
20771 Dup		13.3	0.038	0.22	1.0	25	0.7	3.3	6	41.7
QCV1110-00350-0002-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20789	Rock	1.7	0.008	0.02	0.6	8	0.2	1.0	5	8.3
20789 Dup		2.0	0.006	0.03	0.6	8	0.2	1.0	5	8.1
QCV1110-00350-0005-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20917	Rock	6.9	0.013	0.05	0.9	13	0.2	5.8	19	10.9
20917 Dup		7.0	0.012	0.05	0.9	12	<0.1	5.7	19	10.9
QCV1110-00350-0008-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
20935	Rock	0.6	<0.005	<0.02	0.1	5	0.3	0.4	11	3.5
20935 Dup		0.7	<0.005	<0.02	0.1	5	0.3	0.4	10	4.2
QCV1110-00350-0011-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected									171	
STD-OREAS94-4A result				0.87	3.4			26.1	198	115.0
21062	Rock	4.3	0.026	0.12	0.6	26	0.8	2.4	8	25.4
21062 Dup		4.6	0.025	0.14	0.7	26	0.9	2.1	8	24.9
QCV1110-00350-0014-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
21080	Rock	0.5	<0.005	<0.02	0.2	5	0.2	0.3	5	1.4
21080 Dup		0.5	<0.005	<0.02	0.2	6	<0.1	0.3	5	1.4
QCV1110-00350-0017-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected									19200	
STD-CDN-ME-8 result									>10000	
21098	Rock	6.7	0.008	0.05	0.7	18	<0.1	3.2	11	13.9
21098 Dup		7.2	0.009	0.05	0.7	19	<0.1	3.3	11	15.5
QCV1110-00350-0020-BLK		<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected									171	
STD-OREAS94-4A result				0.92	3.5			26.9	171	118.0

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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 09/27/2011
Date Completed: 10/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	68	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
21011	Rock	0.005	0.20	0.37	82.5	85	0.12	0.09	0.02	0.07	23.00	1.4	233	0.60	13.9
21012	Rock	<0.005	0.28	2.49	225.2	46	0.51	0.06	0.02	0.54	29.42	2.5	132	1.40	8.5
21013	Rock	0.091	0.23	1.88	171.2	139	0.46	0.13	0.02	<0.02	60.99	6.6	207	1.20	10.4
21014	Rock	0.086	0.15	2.03	133.8	150	0.37	0.16	0.07	<0.02	23.74	5.7	197	1.26	5.7
21015	Rock	0.063	0.17	1.67	159.1	83	0.33	0.08	0.16	<0.02	33.18	10.6	193	0.96	12.2
21016	Rock	0.346	0.15	1.29	4190.6	34	0.22	0.09	0.10	0.12	26.65	9.9	224	0.66	9.9
21017	Rock	0.006	0.08	2.05	23.3	69	0.40	0.10	0.03	<0.02	40.17	1.7	190	0.72	6.1
21018	Rock	1.065	0.17	1.36	3818.1	54	0.24	0.26	0.02	<0.02	20.94	3.5	198	0.59	4.1
21019	Rock	0.092	0.06	2.76	25.0	74	0.53	0.07	0.07	0.03	35.89	2.7	196	0.62	9.8
21020	Rock	0.039	0.16	2.04	38.1	92	0.33	1.36	0.10	<0.02	48.12	6.7	189	0.87	10.2
21021	Rock	0.047	0.06	0.06	30.6	<5	<0.05	0.04	<0.01	<0.02	3.69	2.7	211	0.14	8.8
21022	Rock	<0.005	0.23	4.62	3.2	437	1.24	0.39	1.51	0.18	107.06	11.7	191	2.72	61.6
21023	Rock	0.008	0.23	5.98	2.5	296	1.70	0.31	0.49	0.08	69.05	18.4	218	5.14	73.4
21024	Rock	0.008	0.36	>10	3.5	1112	3.85	0.18	3.47	0.03	291.88	27.4	143	5.64	45.5
21025	Rock	<0.005	0.15	0.95	2.6	105	0.56	0.05	0.28	0.54	17.29	29.5	263	0.64	57.3
21026	Rock	0.013	0.29	4.28	2.1	104	1.62	6.90	2.10	<0.02	93.27	22.8	192	6.61	87.7
21027	Rock	<0.005	0.78	3.82	1.8	373	1.29	0.49	1.83	<0.02	156.99	31.7	146	3.23	145.1
21028	Rock	0.046	0.71	0.06	3.1	14	0.07	303.56	0.02	0.12	10.34	18.5	184	0.16	429.6
21029	Rock	0.007	0.49	6.94	2.8	524	3.27	0.98	2.77	0.24	199.10	12.3	204	6.55	51.1
21030	Rock	0.006	0.33	8.62	2.2	930	3.07	1.05	2.41	0.53	188.19	15.6	197	5.71	54.1
21031	Rock	0.008	0.17	2.16	20.7	29	0.39	1.41	1.02	0.03	46.99	14.7	230	1.03	85.4
21032	Rock	0.007	0.39	6.68	3.3	588	3.03	0.68	2.70	0.20	153.77	10.6	191	6.52	43.2
21033	Rock	0.008	0.40	6.92	4.3	683	3.27	0.66	4.39	0.30	172.28	14.4	162	5.33	37.3
20937	Rock	1.078	0.21	3.71	>10000	72	0.67	0.17	0.05	0.09	79.79	5.3	217	0.77	11.4
20938	Rock	0.087	0.12	2.18	6584.3	69	0.50	0.26	0.12	0.62	38.88	2.8	224	0.78	8.9
20939	Rock	<0.005	0.04	1.36	36.3	>10000	0.10	0.12	0.08	0.17	14.81	2.1	158	0.63	17.6
20940	Rock	0.026	0.30	8.17	134.3	534	1.55	1.25	0.02	0.03	79.88	17.3	151	4.87	40.9
20941	Rock	0.033	0.20	4.50	69.4	104	0.27	0.31	0.03	0.03	72.26	30.3	131	0.96	26.1
20942	Rock	0.064	0.11	1.68	72.6	66	0.31	0.38	0.23	<0.02	56.53	6.6	216	0.83	9.6
20943	Rock	0.028	0.09	1.72	135.8	24	0.12	0.23	0.03	<0.02	46.92	2.8	180	0.17	11.6
20944	Rock	0.392	0.10	0.30	8650.5	5	0.07	0.44	<0.01	0.02	0.58	13.2	206	0.15	8.6
20945	Rock	0.122	0.27	1.03	200.6	27	0.16	0.57	0.04	0.07	22.49	3.6	252	0.32	16.9
20946	Rock	0.074	3.40	2.02	799.8	109	0.59	6.29	0.06	12.88	39.60	4.7	234	1.14	32.5
20947	Rock	0.007	0.15	2.51	21.0	104	0.39	0.16	0.03	0.04	40.41	2.5	203	0.93	12.2
20948	Rock	0.005	0.55	0.76	36.7	79	0.30	0.08	0.02	<0.02	27.72	3.8	243	0.47	26.0
20949	Rock	0.006	0.40	4.67	3.6	482	1.44	0.43	1.99	0.29	91.34	14.6	194	2.48	106.2
20950	Rock	0.010	0.30	0.19	2.8	9	0.15	1.58	0.28	0.06	21.70	3.5	226	0.27	45.5
20951	Rock	0.008	0.20	3.11	2.6	64	0.69	1.33	1.81	<0.02	46.04	69.3	195	2.55	194.9
20952	Rock	0.005	0.58	8.43	2.5	315	6.00	0.20	1.54	0.05	131.01	22.9	200	5.96	70.1
20953	Rock	<0.005	1.17	5.31	2.8	85	1.20	4.81	1.11	1.55	46.02	18.4	176	1.13	47.6

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
20954	Rock	0.005	0.07	0.04	1.6	<5	<0.05	0.02	0.10	<0.02	5.98	1.2	243	0.12	7.3
20955	Rock	0.005	0.34	2.81	2.4	34	1.13	0.70	1.05	0.07	106.33	79.0	215	1.64	707.0
20956	Rock	0.021	0.43	2.81	2.1	107	0.75	36.79	0.07	<0.02	62.48	15.4	141	2.46	220.7
20957	Rock	<0.005	0.36	2.51	2.5	244	1.14	0.74	1.78	<0.02	55.32	23.5	158	0.71	136.5
20958	Rock	0.008	0.53	8.43	4.7	821	4.03	0.95	1.92	0.28	257.41	16.5	142	6.43	50.4
20959	Rock	0.005	0.55	7.21	2.5	590	4.37	1.08	1.59	0.34	193.30	15.3	194	6.31	56.1
20960	Rock	0.008	0.46	8.55	4.3	748	4.26	0.70	2.41	0.28	207.07	24.7	166	7.44	61.0
20961	Rock	0.006	0.74	9.41	3.0	1081	4.95	0.60	2.14	0.11	231.97	19.9	154	8.34	62.8
20962	Rock	<0.005	0.41	6.40	4.5	413	3.87	0.41	2.64	0.13	184.08	17.8	205	5.14	69.3
20963	Rock	0.006	0.43	5.07	5.3	474	2.97	0.33	2.35	0.20	161.13	8.4	219	4.57	38.3
20795	Rock	0.006	0.18	0.17	2.0	<5	0.07	0.77	0.09	0.04	14.01	53.6	395	0.23	346.1
20796	Rock	<0.005	0.39	1.21	6.3	26	0.72	0.24	2.55	0.25	16.85	2.9	276	0.47	20.9
20797	Rock	0.005	0.30	0.41	2.7	15	0.15	1.03	0.11	0.03	22.84	4.9	221	0.19	76.2
20798	Rock	<0.005	0.18	4.84	2.8	29	0.87	0.16	3.68	0.18	26.33	8.6	178	0.81	63.6
20799	Rock	0.006	0.08	1.05	2.5	35	0.16	0.06	0.13	<0.02	>1000	10.3	227	0.51	31.2
20800	Rock	0.005	0.06	0.06	2.9	6	<0.05	0.05	0.40	0.36	8.75	22.4	222	0.14	52.7
20412	Rock	<0.005	0.05	0.99	135.9	36	0.19	0.03	0.02	0.15	26.67	1.6	212	0.50	6.1
20413	Rock	0.028	0.39	1.62	939.5	85	0.38	0.07	0.01	0.20	28.75	1.2	216	1.00	7.4
20414	Rock	0.010	0.09	2.72	37.1	44	0.41	0.04	0.44	0.40	35.25	2.7	204	0.57	12.0
20415	Rock	0.007	0.05	1.18	103.7	34	0.24	0.03	0.05	0.43	29.33	3.1	250	0.63	7.6
20416	Rock	0.013	0.64	3.35	4.3	412	0.85	0.41	6.54	0.31	86.16	15.4	109	1.31	2129.7
20417	Rock	<0.005	0.09	2.27	12.7	304	0.67	0.17	>10	0.48	42.92	7.9	36	0.76	15.2
20418	Rock	0.022	0.08	1.31	54.1	107	0.56	0.13	0.05	0.05	19.84	4.3	325	2.25	13.5
20419	Rock	<0.005	0.05	2.28	2.4	<5	<0.05	<0.01	0.03	<0.02	32.92	41.7	>10000	0.10	3.4
20601	Rock	0.008	1.18	8.88	2.0	1008	4.23	1.05	4.61	0.06	329.33	24.1	331	8.11	181.2
20602	Rock	0.010	1.28	8.70	2.9	677	3.36	0.46	8.41	0.03	272.98	26.7	171	2.19	153.6
20603	Rock	0.015	0.95	8.31	1.6	718	5.05	0.49	4.86	0.03	203.29	21.0	223	5.91	119.1
20604	Rock	0.010	0.41	>10	4.4	639	5.80	0.72	1.49	0.30	220.93	19.5	163	10.02	65.6

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
21011	Rock	5.85	1.03	1.30	3.1	<0.01	0.05	1.8	1.6	0.01	22	1.32	<0.01	1.3	8.9
21012	Rock	>10	4.48	0.58	7.2	0.02	0.70	2.2	6.7	0.16	35	22.88	0.07	4.9	25.6
21013	Rock	1.97	4.13	0.73	5.4	<0.01	0.54	11.5	1.8	0.03	33	5.01	0.42	1.7	9.2
21014	Rock	1.29	4.12	0.59	4.2	<0.01	0.61	7.2	1.5	0.03	28	1.73	0.40	1.4	8.0
21015	Rock	2.56	3.18	0.56	3.3	<0.01	0.43	7.2	3.2	0.06	76	10.13	0.42	0.8	13.5
21016	Rock	2.38	3.26	1.38	1.4	0.01	0.17	8.5	27.2	0.39	673	0.77	0.03	0.4	12.7
21017	Rock	1.14	3.71	0.96	1.6	0.01	0.30	7.3	9.4	0.02	115	0.54	0.03	0.7	6.5
21018	Rock	1.01	3.01	1.17	1.4	<0.01	0.24	5.9	4.8	0.02	79	0.51	0.01	0.5	6.8
21019	Rock	1.24	4.94	0.55	2.7	0.01	0.36	12.9	15.2	0.02	255	0.56	0.02	1.0	7.0
21020	Rock	1.34	3.87	0.22	2.8	0.01	0.36	9.1	7.2	0.02	87	0.96	0.04	0.8	10.0
21021	Rock	0.82	0.34	0.60	<0.1	<0.01	0.01	<0.5	0.5	<0.01	22	0.47	<0.01	<0.1	10.5
21022	Rock	2.69	9.96	0.65	2.0	0.02	1.74	29.7	19.2	0.69	193	1.46	0.33	9.9	19.7
21023	Rock	4.25	14.56	0.18	2.0	0.07	2.18	14.9	31.1	1.28	699	0.62	0.36	9.8	29.0
21024	Rock	5.02	26.70	1.68	4.7	0.13	3.66	89.0	44.7	1.45	331	1.55	2.10	28.4	47.0
21025	Rock	5.17	2.88	0.68	0.9	0.03	0.38	2.6	5.2	0.14	65	0.93	0.13	3.4	55.3
21026	Rock	4.25	12.13	0.25	2.5	0.04	1.08	28.1	19.9	0.72	275	0.97	0.55	25.5	28.9
21027	Rock	5.18	8.77	0.23	1.7	0.04	1.89	46.3	14.9	0.45	273	2.83	0.61	69.6	12.9
21028	Rock	1.67	0.32	<0.05	<0.1	<0.01	0.04	<0.5	0.4	<0.01	23	7.44	<0.01	0.2	14.1
21029	Rock	3.30	19.27	0.24	3.1	0.08	1.88	57.3	31.7	1.44	217	5.08	0.80	33.3	25.8
21030	Rock	4.35	20.98	0.84	4.6	0.16	3.65	58.0	27.7	1.27	488	4.24	0.79	19.7	32.1
21031	Rock	2.93	4.33	0.30	0.7	0.01	0.31	10.6	5.9	0.21	116	0.47	0.36	3.8	10.8
21032	Rock	3.54	17.07	0.30	3.4	0.07	1.93	42.3	33.1	1.79	357	3.38	0.84	25.9	23.0
21033	Rock	3.14	19.95	0.64	3.4	0.13	2.09	53.1	23.7	1.33	427	3.95	0.93	30.9	26.6
20937	Rock	1.68	6.19	1.16	5.5	0.01	0.36	24.0	2.6	0.05	169	0.60	2.10	1.8	13.1
20938	Rock	1.20	4.53	0.29	2.0	0.01	0.42	9.1	6.0	0.05	233	0.77	0.83	0.8	7.9
20939	Rock	0.48	2.07	0.07	0.7	0.02	0.02	1.3	0.4	<0.01	18	0.78	<0.01	0.6	12.9
20940	Rock	4.46	18.85	1.72	6.1	0.05	2.14	22.2	63.2	0.95	287	0.64	0.24	2.9	35.6
20941	Rock	8.46	8.95	1.54	3.9	0.02	0.38	15.2	93.5	1.45	655	0.79	0.06	1.2	29.6
20942	Rock	1.46	3.57	0.59	3.2	<0.01	0.32	16.7	7.7	0.12	222	0.52	0.50	0.6	9.3
20943	Rock	1.10	1.96	0.37	1.7	<0.01	<0.01	12.6	5.9	0.10	47	5.05	1.10	0.6	5.7
20944	Rock	0.90	0.70	0.88	0.2	<0.01	<0.01	1.5	1.7	0.01	20	0.69	<0.01	0.1	4.1
20945	Rock	1.85	2.12	0.09	1.1	<0.01	0.11	4.8	7.9	0.02	75	0.47	0.01	0.4	11.7
20946	Rock	1.27	5.06	0.26	1.1	0.72	0.53	7.9	7.5	0.04	265	0.50	0.05	0.7	9.6
20947	Rock	0.85	4.73	0.52	2.2	0.01	0.41	10.0	7.2	0.02	61	0.47	0.03	0.8	6.8
20948	Rock	1.24	2.06	0.97	24.8	0.01	0.27	3.8	4.6	0.05	42	0.65	0.02	2.6	12.7
20949	Rock	2.79	11.67	1.04	6.0	0.03	1.78	26.7	24.3	1.02	249	2.30	0.30	16.1	24.9
20950	Rock	0.74	0.70	0.42	<0.1	<0.01	0.05	0.8	2.7	0.05	95	0.52	0.02	0.4	7.9
20951	Rock	5.70	6.12	0.62	1.4	0.02	0.30	11.7	23.3	1.04	409	0.64	0.55	6.6	65.6
20952	Rock	5.48	18.83	1.84	2.9	0.07	1.91	34.4	47.9	1.53	926	0.98	1.42	53.5	38.7
20953	Rock	4.36	14.73	1.25	2.4	0.14	0.87	11.4	19.0	0.89	645	0.32	2.58	3.1	38.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
20954	Rock	0.50	0.39	0.70	<0.1	<0.01	<0.01	<0.5	0.7	<0.01	26	0.54	0.01	0.2	5.1
20955	Rock	6.64	7.65	1.15	0.8	0.02	0.31	27.6	21.6	0.78	479	0.64	0.28	5.8	46.8
20956	Rock	8.33	8.64	1.22	1.7	0.02	0.83	13.1	16.2	0.44	95	4.72	0.04	14.0	10.7
20957	Rock	4.43	6.60	1.11	0.2	0.14	1.06	16.4	5.7	0.85	356	0.92	0.29	14.2	9.5
20958	Rock	3.63	24.11	1.29	3.8	0.16	3.77	87.2	28.7	1.07	160	4.43	1.16	33.2	30.3
20959	Rock	3.60	22.00	1.06	4.2	0.14	2.97	55.3	37.5	1.23	239	4.88	0.53	37.4	35.2
20960	Rock	3.15	24.70	1.36	3.6	0.10	2.97	66.0	33.7	1.38	203	5.95	1.14	32.1	40.8
20961	Rock	4.40	27.30	1.35	4.3	0.12	3.55	74.7	40.2	1.25	232	5.42	0.86	27.3	42.9
20962	Rock	4.26	18.14	1.24	3.5	0.06	1.52	53.9	29.8	1.08	173	4.80	0.44	26.7	45.6
20963	Rock	3.27	13.03	0.97	2.7	0.07	1.64	45.1	24.9	1.36	300	2.56	0.66	34.0	20.0
20795	Rock	6.95	0.58	0.79	<0.1	<0.01	0.02	1.6	0.9	0.02	33	1.38	<0.01	0.5	137.1
20796	Rock	2.87	4.00	0.21	0.2	0.02	0.19	2.9	18.8	1.07	1608	0.74	0.05	0.6	22.8
20797	Rock	0.98	0.76	0.43	<0.1	<0.01	0.12	<0.5	3.6	0.07	109	0.55	0.05	0.4	10.2
20798	Rock	1.31	6.21	0.38	0.3	0.02	0.09	3.8	10.9	0.35	309	0.64	0.19	1.5	8.2
20799	Rock	1.08	3.76	1.17	0.6	<0.01	0.19	504.4	4.9	0.12	55	0.47	0.42	1.2	22.2
20800	Rock	3.05	0.41	1.02	<0.1	0.03	0.03	2.1	0.8	0.02	58	0.57	0.01	0.3	42.2
20412	Rock	0.87	2.18	0.55	1.4	<0.01	0.19	7.4	11.9	0.02	314	0.50	0.30	0.8	5.6
20413	Rock	0.76	3.33	1.05	1.0	0.04	0.56	7.0	3.9	0.05	42	0.55	0.02	0.6	5.3
20414	Rock	1.02	3.64	0.91	1.9	<0.01	0.18	9.5	4.0	0.06	717	0.65	1.65	1.2	17.5
20415	Rock	0.74	2.12	0.59	1.1	<0.01	0.16	6.3	4.3	0.02	196	0.62	0.40	0.6	15.5
20416	Rock	2.05	7.07	0.88	1.7	0.04	0.60	27.9	70.3	4.55	561	0.62	0.57	4.8	34.7
20417	Rock	1.46	5.01	<0.05	2.8	0.02	0.46	14.1	4.8	4.03	2452	3.38	0.88	1.3	9.9
20418	Rock	0.95	2.93	1.29	0.7	<0.01	0.43	8.1	35.6	0.04	240	0.57	0.03	0.6	11.8
20419	Rock	2.36	4.28	0.16	0.1	<0.01	<0.01	<0.5	0.4	5.79	488	0.30	<0.01	0.2	871.9
20601	Rock	5.56	22.98	1.46	3.3	0.12	3.12	103.5	116.3	1.39	694	4.60	2.09	106.5	44.1
20602	Rock	6.04	19.74	1.32	3.7	0.10	1.82	88.8	17.5	1.18	1231	2.64	2.73	128.6	29.3
20603	Rock	4.54	23.44	1.36	2.2	0.11	2.50	74.0	46.6	1.20	703	3.20	1.58	96.0	34.8
20604	Rock	5.00	25.44	1.52	5.2	0.15	4.07	70.0	48.1	1.82	234	7.43	0.78	24.4	54.4

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
21011	Rock	61	5.3	3.3	0.004	6.381	43.18	2.0	<1.0	0.6	12.6	0.09	0.16	10.6	0.009
21012	Rock	53	7.0	33.9	0.050	>10	68.87	3.3	2.4	0.6	16.4	0.49	0.05	4.9	0.043
21013	Rock	132	33.0	24.6	<0.002	1.023	8.47	1.7	<1.0	0.6	22.5	0.28	0.16	11.2	0.022
21014	Rock	474	17.6	28.7	<0.002	1.103	3.40	1.5	<1.0	0.6	22.3	0.25	<0.05	10.5	0.018
21015	Rock	573	26.5	20.0	<0.002	2.200	6.15	1.3	<1.0	0.5	18.7	0.16	0.12	11.2	0.012
21016	Rock	102	12.1	9.6	<0.002	0.216	5.88	0.8	<1.0	0.3	8.2	0.06	0.53	7.3	0.008
21017	Rock	212	9.5	16.8	<0.002	0.031	0.54	1.1	<1.0	0.4	8.3	0.14	<0.05	9.0	0.010
21018	Rock	86	11.6	13.6	<0.002	0.194	3.61	1.2	1.1	0.5	5.8	0.09	1.65	6.3	0.010
21019	Rock	476	9.4	17.1	<0.002	0.015	0.28	2.2	<1.0	0.6	13.2	0.16	<0.05	11.5	0.016
21020	Rock	554	40.0	18.1	<0.002	0.646	4.14	1.9	<1.0	0.5	16.2	0.16	0.34	9.2	0.015
21021	Rock	20	2.3	0.6	<0.002	0.608	0.32	<0.1	<1.0	0.2	0.9	<0.05	<0.05	0.2	<0.005
21022	Rock	432	25.0	93.7	<0.002	0.501	0.48	8.5	1.3	2.3	167.4	0.87	<0.05	17.8	0.217
21023	Rock	1060	27.6	113.8	0.002	0.989	0.09	13.7	1.3	2.6	50.8	0.86	0.06	12.5	0.237
21024	Rock	2074	12.8	178.3	0.006	1.398	0.37	15.7	1.8	3.1	374.3	2.42	0.07	25.8	0.407
21025	Rock	75	2.6	18.9	0.003	2.148	0.11	1.8	1.6	0.6	44.3	0.21	0.09	1.5	0.048
21026	Rock	845	5.4	84.1	0.005	1.802	0.09	6.9	1.4	5.6	180.4	2.07	0.11	17.3	0.244
21027	Rock	438	10.5	89.2	0.003	1.377	0.12	2.9	1.6	5.5	410.2	5.07	<0.05	15.2	0.230
21028	Rock	<10	2.1	2.0	0.004	1.189	0.21	<0.1	1.4	0.3	4.0	<0.05	3.04	<0.2	<0.005
21029	Rock	787	16.2	135.7	0.010	1.727	0.53	10.4	1.8	5.6	195.2	3.17	0.07	34.8	0.194
21030	Rock	725	29.9	199.3	0.005	1.485	0.38	14.3	1.4	5.7	226.9	1.77	0.06	33.9	0.256
21031	Rock	265	5.4	25.6	<0.002	1.226	0.18	2.5	1.1	1.5	130.8	0.36	0.15	10.3	0.088
21032	Rock	1089	21.7	132.6	0.009	1.371	0.56	10.2	1.7	4.9	195.1	2.28	0.07	25.8	0.206
21033	Rock	1553	19.0	135.3	0.007	1.405	1.17	10.0	1.6	7.4	294.4	2.57	0.10	34.2	0.194
20937	Rock	136	10.8	20.8	<0.002	0.640	17.27	2.7	1.1	0.7	94.4	0.24	<0.05	22.7	0.035
20938	Rock	85	39.5	22.4	<0.002	0.324	6.38	1.9	<1.0	0.9	25.3	0.11	<0.05	9.5	0.021
20939	Rock	390	3.5	1.4	<0.002	0.040	4.65	0.3	<1.0	0.2	51.2	0.07	<0.05	1.1	0.013
20940	Rock	147	45.1	127.5	<0.002	0.296	4.11	11.3	1.3	1.6	50.8	0.49	0.34	23.8	0.077
20941	Rock	149	63.2	20.8	<0.002	2.234	3.69	4.0	1.4	0.4	12.3	0.20	0.09	17.6	0.029
20942	Rock	174	28.1	17.7	<0.002	0.595	1.41	1.2	<1.0	0.4	20.8	0.11	<0.05	14.0	0.015
20943	Rock	136	5.3	0.4	<0.002	0.322	0.97	0.8	1.1	<0.2	40.0	0.10	<0.05	10.1	0.013
20944	Rock	40	4.1	0.5	<0.002	0.258	5.25	0.1	<1.0	<0.2	3.3	<0.05	0.73	0.8	<0.005
20945	Rock	229	63.8	5.7	<0.002	0.925	0.44	0.6	<1.0	0.3	5.7	<0.05	<0.05	6.8	0.007
20946	Rock	288	1904.4	29.9	<0.002	0.038	1.44	2.4	1.2	0.6	17.4	0.09	0.20	6.2	0.013
20947	Rock	311	17.1	22.3	<0.002	0.017	0.52	1.7	<1.0	0.5	13.4	0.21	<0.05	9.5	0.014
20948	Rock	43	10.6	15.3	<0.002	0.429	0.76	2.9	1.1	0.8	9.3	0.23	0.13	10.3	0.008
20949	Rock	481	24.5	100.7	0.005	0.923	0.59	10.4	1.4	2.8	134.9	1.59	0.05	20.1	0.244
20950	Rock	78	42.2	3.5	<0.002	0.115	0.10	0.3	<1.0	0.3	9.2	<0.05	0.20	0.3	0.008
20951	Rock	227	4.5	27.2	0.003	2.653	0.15	10.6	1.4	5.2	139.4	0.65	<0.05	9.1	0.294
20952	Rock	2048	26.0	128.9	0.004	0.280	0.10	18.9	1.6	2.4	168.0	4.11	<0.05	18.5	0.903
20953	Rock	129	101.6	48.4	0.002	0.431	0.14	11.7	<1.0	0.6	65.5	0.52	0.08	9.9	0.117

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
20954	Rock	15	1.3	0.6	<0.002	0.194	0.07	<0.1	<1.0	0.2	6.6	<0.05	<0.05	<0.2	<0.005
20955	Rock	1475	11.9	26.2	0.002	1.151	0.06	6.2	2.1	0.5	59.3	0.46	0.11	4.4	0.191
20956	Rock	328	9.8	58.9	0.003	3.770	0.39	4.3	1.4	5.0	15.5	1.25	0.22	12.6	0.123
20957	Rock	238	7.0	48.8	0.002	1.602	0.21	3.5	1.3	4.7	188.8	1.09	<0.05	10.1	0.127
20958	Rock	1009	40.8	219.5	0.009	1.959	1.04	12.8	1.7	8.5	317.5	3.10	0.07	45.6	0.182
20959	Rock	1240	20.2	202.8	0.008	1.804	0.33	13.1	2.2	7.6	167.0	3.43	0.08	36.6	0.269
20960	Rock	679	26.4	185.7	0.015	2.225	0.61	14.0	2.1	6.2	255.0	2.40	0.10	36.4	0.239
20961	Rock	1188	25.5	234.2	0.013	2.387	0.48	18.6	2.5	8.2	244.6	2.37	0.09	40.7	0.272
20962	Rock	801	13.8	123.2	0.011	3.050	0.77	12.0	2.3	6.8	189.4	2.34	0.05	30.8	0.239
20963	Rock	1063	13.8	101.5	0.004	0.988	0.67	6.7	1.6	4.8	179.0	3.35	<0.05	28.9	0.171
20795	Rock	21	2.3	1.4	<0.002	3.023	0.08	0.4	1.1	0.4	16.3	<0.05	<0.05	0.9	<0.005
20796	Rock	108	9.5	14.5	<0.002	1.158	0.10	2.1	<1.0	0.4	44.9	<0.05	<0.05	1.4	0.018
20797	Rock	28	55.6	5.5	<0.002	0.318	0.10	0.5	<1.0	0.3	13.0	<0.05	0.08	0.2	0.012
20798	Rock	432	16.1	6.3	<0.002	0.235	0.15	1.2	<1.0	0.4	325.9	0.28	<0.05	2.3	0.015
20799	Rock	644	4.5	9.8	0.013	0.255	0.27	1.0	1.4	0.4	24.7	0.13	<0.05	119.8	0.036
20800	Rock	13	2.4	1.2	<0.002	1.131	0.18	0.4	1.1	0.2	34.5	<0.05	0.07	11.4	<0.005
20412	Rock	65	6.5	10.2	<0.002	0.033	0.69	0.7	<1.0	0.4	12.2	0.08	<0.05	14.3	0.012
20413	Rock	70	190.6	31.0	<0.002	0.023	3.14	0.8	<1.0	5.4	9.0	0.07	<0.05	8.0	0.011
20414	Rock	846	5.3	9.1	<0.002	0.050	0.48	1.7	<1.0	0.4	92.4	0.19	<0.05	11.3	0.018
20415	Rock	127	4.9	7.6	<0.002	0.031	0.58	0.7	<1.0	0.3	15.1	0.07	<0.05	6.0	0.012
20416	Rock	550	8.7	31.2	<0.002	<0.01	1.41	8.0	1.3	0.8	120.9	0.48	0.06	14.6	0.106
20417	Rock	774	8.8	22.9	0.002	0.525	0.21	3.6	1.1	0.6	341.9	0.14	<0.05	8.5	0.030
20418	Rock	119	13.8	22.4	<0.002	<0.01	2.26	1.4	<1.0	0.5	9.5	0.09	<0.05	4.0	0.017
20419	Rock	12	1.5	0.2	<0.002	<0.01	0.21	3.2	1.8	<0.2	0.8	<0.05	<0.05	1.0	0.017
20601	Rock	2475	14.0	183.2	0.005	2.217	0.10	17.1	2.6	3.9	429.2	6.68	0.08	30.0	0.819
20602	Rock	1865	9.4	92.6	0.007	1.080	0.10	11.4	2.3	7.5	917.7	7.88	0.05	24.4	0.877
20603	Rock	833	15.2	155.3	0.005	1.200	0.06	15.2	2.1	4.5	502.2	5.17	<0.05	22.8	0.465
20604	Rock	868	22.9	257.3	0.015	3.139	1.01	20.2	2.9	8.8	213.4	1.91	0.08	34.7	0.351

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21011	Rock	14.91	0.4	8	0.3	2.9	15	6.6
21012	Rock	50.62	2.5	35	2.2	3.5	72	32.9
21013	Rock	0.60	1.6	20	0.2	3.6	5	63.5
21014	Rock	0.36	2.0	22	0.2	3.5	4	56.8
21015	Rock	0.21	1.7	16	0.1	3.5	8	48.1
21016	Rock	0.09	0.6	18	0.3	2.5	55	18.0
21017	Rock	0.13	1.0	15	0.4	2.0	16	20.7
21018	Rock	0.10	0.8	14	0.8	1.6	13	18.5
21019	Rock	0.13	1.3	22	0.5	3.7	20	37.5
21020	Rock	0.14	1.2	19	0.2	3.2	13	43.1
21021	Rock	<0.02	<0.1	1	<0.1	<0.1	3	0.6
21022	Rock	0.42	1.8	81	0.9	15.3	40	26.2
21023	Rock	0.52	0.9	129	1.1	5.6	78	29.3
21024	Rock	0.66	1.5	179	1.3	22.8	147	79.0
21025	Rock	0.08	0.3	20	0.2	2.3	128	16.7
21026	Rock	0.50	2.5	69	0.8	25.4	47	39.5
21027	Rock	0.38	1.5	39	2.4	19.9	46	24.9
21028	Rock	<0.02	<0.1	<1	0.2	0.2	17	<0.5
21029	Rock	0.75	4.3	131	1.5	29.8	88	46.2
21030	Rock	1.03	4.0	158	1.4	26.3	227	68.4
21031	Rock	0.17	0.9	21	0.8	8.9	15	9.7
21032	Rock	0.76	3.4	137	1.2	24.9	90	50.9
21033	Rock	0.74	3.9	115	1.3	26.5	124	49.1
20937	Rock	0.11	2.0	30	3.1	5.8	21	91.4
20938	Rock	0.11	0.8	24	1.0	2.5	60	31.8
20939	Rock	0.90	0.3	5	0.4	2.6	75	12.2
20940	Rock	0.69	2.9	102	0.8	6.0	81	90.0
20941	Rock	0.25	1.6	65	0.2	4.5	122	52.4
20942	Rock	0.09	1.3	17	0.3	3.4	11	48.3
20943	Rock	<0.02	0.8	10	0.4	1.7	9	28.1
20944	Rock	<0.02	0.2	3	0.1	0.3	3	2.8
20945	Rock	0.03	1.0	9	0.3	1.4	21	17.1
20946	Rock	0.16	0.8	21	0.6	2.4	1066	17.1
20947	Rock	0.14	1.5	19	0.4	2.5	13	30.6
20948	Rock	0.08	0.2	10	0.2	0.4	7	7.1
20949	Rock	0.56	2.2	103	1.3	17.7	57	33.5
20950	Rock	0.02	<0.1	5	<0.1	1.0	5	<0.5
20951	Rock	0.27	0.7	124	1.3	13.7	36	9.8
20952	Rock	0.61	1.5	180	1.5	15.3	101	36.7
20953	Rock	0.25	1.0	140	0.4	7.2	518	34.7

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20954	Rock	<0.02	<0.1	2	<0.1	0.2	3	0.8
20955	Rock	0.15	0.4	69	0.2	12.8	55	9.9
20956	Rock	0.39	1.4	49	0.6	6.2	34	24.4
20957	Rock	0.21	1.3	67	98.1	11.1	52	11.3
20958	Rock	1.17	4.9	123	3.5	27.6	132	51.8
20959	Rock	1.03	4.7	138	2.6	31.4	94	58.9
20960	Rock	1.02	4.6	155	2.0	30.3	88	53.8
20961	Rock	1.11	4.7	171	2.2	32.9	60	65.9
20962	Rock	0.60	4.2	132	1.6	26.0	56	53.4
20963	Rock	0.63	3.7	90	1.4	26.2	76	33.4
20795	Rock	<0.02	<0.1	3	0.2	1.0	19	0.5
20796	Rock	0.10	0.3	39	0.2	6.5	67	2.7
20797	Rock	0.03	<0.1	6	0.1	0.6	5	1.0
20798	Rock	0.03	0.2	26	0.2	2.7	34	2.1
20799	Rock	0.06	1.5	14	0.2	17.8	9	7.0
20800	Rock	<0.02	<0.1	1	<0.1	0.8	183	0.7
20412	Rock	0.05	0.6	9	0.4	2.0	20	22.8
20413	Rock	0.17	0.5	13	0.9	1.2	79	14.6
20414	Rock	0.08	0.8	14	0.7	5.4	23	27.4
20415	Rock	0.04	0.6	9	0.4	1.9	71	16.8
20416	Rock	0.15	1.0	131	0.5	8.4	90	25.9
20417	Rock	0.12	8.7	163	0.2	11.1	31	45.6
20418	Rock	0.13	0.4	14	0.8	1.3	20	9.5
20419	Rock	<0.02	<0.1	176	0.2	<0.1	62	0.9
20601	Rock	0.97	2.2	148	2.1	49.4	115	53.2
20602	Rock	0.48	1.4	121	2.5	43.5	127	52.5
20603	Rock	0.69	1.6	135	1.7	31.8	93	40.3
20604	Rock	1.21	5.3	236	3.6	38.8	136	86.4

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
21011	Rock		0.20	0.37	82.5	85	0.12	0.09	0.02	0.07	23.00	1.4	233	0.60	13.9
21011 Dup			0.18	0.37	86.7	80	0.11	0.09	0.02	0.08	21.45	1.4	230	0.63	13.7
QCV1109-02784-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.45												1015.2
21029	Rock		0.49	6.94	2.8	524	3.27	0.98	2.77	0.24	199.10	12.3	204	6.55	51.1
21029 Dup			0.45	7.05	3.4	636	3.65	1.08	2.75	0.23	193.82	12.6	206	6.81	51.8
QCV1109-02784-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			58.52												1032.3
20950	Rock		0.30	0.19	2.8	9	0.15	1.58	0.28	0.06	21.70	3.5	226	0.27	45.5
20950 Dup			0.28	0.19	2.8	12	0.12	1.68	0.28	0.06	20.67	3.5	229	0.26	43.2
QCV1109-02784-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.53												1002.5
20799	Rock		0.08	1.05	2.5	35	0.16	0.06	0.13	<0.02	>1000	10.3	227	0.51	31.2
20799 Dup			0.08	1.05	3.4	41	0.27	0.06	0.14	<0.02	>1000	11.2	216	0.57	32.6
QCV1109-02784-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.53		8.8	419	2.77	8.54		0.27		23.8		6.95	>10000
21011	Rock	0.005													
21011 Dup		0.007													
21029	Rock	0.007													
21029 Dup		0.013													
QCV1110-01217-0004-BLK		<0.005													
20950	Rock	0.010													
20950 Dup		0.011													
20799	Rock	0.006													
20799 Dup		0.011													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
21011	Rock	5.85	1.03	1.30	3.1	<0.01	0.05	1.8	1.6	0.01	22	1.32	<0.01	1.3	8.9
21011 Dup		5.69	1.07	1.36	2.4	<0.01	0.05	2.0	1.7	<0.01	21	1.27	<0.01	0.9	9.3
QCV1109-02784-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
21029	Rock	3.30	19.27	0.24	3.1	0.08	1.88	57.3	31.7	1.44	217	5.08	0.80	33.3	25.8
21029 Dup		3.31	20.05	0.32	3.5	0.09	1.94	59.5	32.6	1.45	215	5.00	0.81	35.0	26.2
QCV1109-02784-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
20950	Rock	0.74	0.70	0.42	<0.1	<0.01	0.05	0.8	2.7	0.05	95	0.52	0.02	0.4	7.9
20950 Dup		0.74	0.65	0.59	<0.1	<0.01	0.05	0.8	2.5	0.05	95	0.51	0.02	0.5	7.9
QCV1109-02784-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
20799	Rock	1.08	3.76	1.17	0.6	<0.01	0.19	504.4	4.9	0.12	55	0.47	0.42	1.2	22.2
20799 Dup		1.09	4.05	1.71	0.6	<0.01	0.19	529.6	5.2	0.12	55	0.52	0.42	1.5	24.0
QCV1109-02784-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.06			1.22		45.9	25.0			0.95		15.1	43.4

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11-360-07685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
21011	Rock	61	5.3	3.3	0.004	6.381	43.18	2.0	<1.0	0.6	12.6	0.09	0.16	10.6	0.009
21011 Dup		70	5.5	3.3	0.003	6.310	46.02	1.0	<1.0	0.4	12.9	0.06	0.07	2.0	0.012
QCV1109-02784-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
21029	Rock	787	16.2	135.7	0.010	1.727	0.53	10.4	1.8	5.6	195.2	3.17	0.07	34.8	0.194
21029 Dup		810	17.0	142.5	0.009	1.733	0.57	10.9	2.4	5.9	205.3	3.63	0.06	39.6	0.212
QCV1109-02784-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
20950	Rock	78	42.2	3.5	<0.002	0.115	0.10	0.3	<1.0	0.3	9.2	<0.05	0.20	0.3	0.008
20950 Dup		70	41.5	3.4	<0.002	0.113	0.10	0.3	<1.0	0.2	9.0	<0.05	0.16	0.3	0.008
QCV1109-02784-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
20799	Rock	644	4.5	9.8	0.013	0.255	0.27	1.0	1.4	0.4	24.7	0.13	<0.05	119.8	0.036
20799 Dup		649	4.9	10.6	0.016	0.259	0.28	1.3	1.1	0.5	26.6	0.13	<0.05	141.0	0.037
QCV1109-02784-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.1	187.3	0.003	1.264	3.05	14.3	14.0	22.3	35.5	1.70	<0.05		

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
21011	Rock	14.91	0.4	8	0.3	2.9	15	6.6
21011 Dup		15.65	0.4	7	0.4	3.0	15	7.0
QCV1109-02784-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
21029	Rock	0.75	4.3	131	1.5	29.8	88	46.2
21029 Dup		0.85	4.5	129	1.7	31.2	88	45.2
QCV1109-02784-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
20950	Rock	0.02	<0.1	5	<0.1	1.0	5	<0.5
20950 Dup		0.03	<0.1	5	<0.1	0.9	5	0.6
QCV1109-02784-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
20799	Rock	0.06	1.5	14	0.2	17.8	9	7.0
20799 Dup		0.06	1.6	13	0.3	18.0	9	7.1
QCV1109-02784-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.83	3.1			27.3	184	125.2

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 9**
Description: **3 ACE**

Date Received: 10/17/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	23	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
22651	Rock		<0.005	0.13	1.97	277.3	90	0.38	0.88	0.01	<0.02	18.39	1.7	215	0.73
22652	Rock		<0.005	0.18	2.21	6.3	51	0.32	0.05	0.02	<0.02	21.81	2.1	212	0.64
22653	Rock		0.084	0.57	1.91	1412.1	88	0.34	24.32	0.02	0.04	23.25	4.9	203	0.76
22654	Rock		<0.005	0.40	3.23	7.3	187	0.74	0.38	0.07	0.03	28.71	7.7	271	1.39
22655	Rock		<0.005	0.69	2.47	9.7	75	0.40	0.10	0.02	0.02	20.55	5.9	239	0.79
22656	Rock		0.009	2.88	1.14	209.8	54	0.15	9.12	<0.01	<0.02	11.44	1.0	253	0.60
22657	Rock		<0.005	0.17	1.04	11.0	44	0.28	0.25	<0.01	<0.02	12.48	0.9	240	0.45
22658	Rock		<0.005	0.19	4.63	26.1	175	1.04	0.44	0.03	0.04	43.23	37.2	246	1.77
22659	Rock		<0.005	0.20	2.35	3.3	161	0.47	0.04	4.86	0.15	26.80	15.9	267	0.81
22660	Rock		<0.005	0.22	4.44	5.7	242	0.55	0.05	>10	0.15	43.46	16.8	110	0.55
22661	Rock		<0.005	0.31	3.14	3.4	92	0.47	1.71	8.27	0.63	28.94	8.5	67	0.34
22662	Rock		<0.005	0.29	4.86	28.4	121	0.68	0.76	9.88	0.35	38.75	21.5	118	0.38
22663	Rock	11.379	>10	4.28	1.67	>10000	60	0.22	1163.22	0.03	0.11	17.74	2.0	254	2.94
22664	Rock		0.014	0.55	0.37	115.0	15	0.11	5.34	0.02	<0.02	4.65	1.2	235	0.24
22665	Rock		<0.005	0.68	1.20	13.2	85	0.39	0.36	>10	0.04	13.13	2.8	110	0.57
22666	Rock		0.128	4.57	3.28	>10000	185	0.44	321.20	0.05	<0.02	17.06	3.5	201	1.32
22667	Rock		0.008	2.15	3.59	330.0	135	0.70	1.73	0.02	0.03	36.41	18.3	263	1.55
22668	Rock		<0.005	0.80	0.90	29.9	26	0.25	0.22	0.02	<0.02	14.53	2.4	261	0.42
22669	Rock		0.093	0.34	2.74	469.2	164	0.56	2.34	0.03	0.18	9.55	6.1	133	3.19
22670	Rock		0.005	0.45	2.52	18.1	62	0.21	0.60	0.01	<0.02	22.41	0.6	201	0.77
22671	Rock		<0.005	0.17	1.43	11.5	85	0.34	0.34	0.03	0.05	14.82	3.8	249	0.65
22672	Rock		0.011	0.16	2.04	57.8	67	0.34	0.54	0.01	0.03	30.80	27.7	225	1.21
22673	Rock		<0.005	0.14	3.23	20.1	74	0.25	0.17	0.03	0.10	48.13	1.8	214	0.94

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11-360-07745-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
22651	Rock	16.4	1.04	4.84	0.98	1.0	0.02	0.50	8.6	6.2	0.05	36	3.12	0.44	0.7
22652	Rock	8.0	1.21	4.98	0.74	1.2	0.01	0.26	10.6	10.2	0.13	351	2.58	<0.01	0.9
22653	Rock	65.2	5.89	4.70	1.11	1.1	0.07	0.55	10.2	7.9	0.10	254	2.16	0.45	1.1
22654	Rock	17.3	2.30	7.17	1.29	0.7	0.02	0.84	15.3	39.3	0.49	279	2.25	0.10	1.0
22655	Rock	50.9	1.16	4.94	0.73	1.4	0.04	0.37	9.5	7.2	0.03	370	2.17	0.39	0.8
22656	Rock	13.4	0.96	2.68	1.02	0.7	0.01	0.38	5.2	3.6	0.02	34	1.56	0.41	0.5
22657	Rock	12.2	0.70	2.37	0.85	0.5	<0.01	0.24	5.9	3.2	0.02	32	1.32	0.51	0.5
22658	Rock	119.5	4.26	9.39	1.41	0.9	0.05	1.20	20.3	33.5	0.49	1130	1.59	<0.01	1.9
22659	Rock	5.7	2.22	5.11	0.99	0.1	0.03	0.55	14.2	4.2	2.32	957	2.92	<0.01	3.7
22660	Rock	4.5	4.05	8.77	0.83	0.8	0.06	0.45	16.2	82.3	3.07	858	1.92	<0.01	7.6
22661	Rock	115.7	1.91	3.34	0.67	0.6	0.02	0.24	13.4	2.0	4.07	681	1.24	<0.01	0.9
22662	Rock	22.1	4.27	7.38	0.60	0.6	0.04	0.24	18.3	11.1	4.68	991	1.67	<0.01	7.0
22663	Rock	37.8	3.08	3.16	1.63	1.2	0.05	0.49	8.3	12.9	0.04	41	1.37	0.57	0.7
22664	Rock	5.4	0.55	0.81	0.84	0.2	<0.01	0.06	2.0	6.1	0.03	94	1.25	0.77	0.3
22665	Rock	21.7	1.81	2.19	0.14	0.5	0.02	0.31	6.6	27.8	0.73	381	1.68	0.64	0.5
22666	Rock	246.5	6.67	8.36	1.79	1.2	0.07	1.36	7.8	4.8	0.09	36	0.83	0.37	0.9
22667	Rock	47.0	2.99	7.58	1.15	1.4	0.02	0.98	17.4	14.6	0.06	627	1.60	0.23	1.1
22668	Rock	7.5	1.05	2.32	1.25	0.9	0.01	0.14	6.9	7.8	<0.01	73	1.53	0.48	0.6
22669	Rock	129.8	>10	9.39	2.26	0.9	0.04	0.81	4.5	20.6	0.05	62	3.79	0.62	1.2
22670	Rock	7.5	0.55	4.84	0.61	4.0	0.01	0.24	10.5	5.4	0.03	19	1.02	1.20	3.1
22671	Rock	8.7	1.00	3.19	0.99	1.3	0.01	0.39	6.8	13.3	0.04	126	1.08	<0.01	1.2
22672	Rock	28.5	5.90	4.80	0.88	1.4	0.02	0.43	14.5	21.4	0.28	221	2.21	<0.01	1.1
22673	Rock	9.1	0.93	5.97	0.87	2.0	0.02	0.49	21.9	9.8	0.14	181	1.29	<0.01	1.2

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11-360-07745-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
22651	Rock	4.7	94	3.8	22.9	0.009	0.035	1.43	2.2	4.0	3.4	12.3	0.09	0.44	5.4
22652	Rock	8.3	117	2.5	12.9	0.008	<0.01	0.27	2.6	3.7	0.6	10.8	0.09	0.45	7.9
22653	Rock	6.1	138	12.8	25.2	0.007	0.178	3.03	2.5	4.2	4.5	5.3	0.09	0.47	12.0
22654	Rock	18.8	378	12.3	39.8	0.007	<0.01	0.26	5.1	3.4	0.9	24.9	0.08	0.41	5.3
22655	Rock	14.1	94	22.1	17.0	0.007	<0.01	0.24	2.8	3.3	0.6	31.8	0.09	0.41	8.9
22656	Rock	4.4	55	9.4	16.6	0.006	0.126	1.40	1.9	3.7	2.1	6.8	<0.05	0.45	2.9
22657	Rock	4.2	111	3.2	10.8	0.005	<0.01	0.55	1.4	3.6	0.8	16.8	<0.05	0.43	3.7
22658	Rock	37.5	283	142.8	49.5	0.008	0.024	0.62	8.4	3.7	1.1	42.6	0.17	0.42	8.6
22659	Rock	43.1	1232	6.0	23.4	0.012	<0.01	0.19	8.8	4.1	0.6	88.6	0.18	0.40	2.4
22660	Rock	51.1	646	6.4	16.5	0.007	<0.01	0.13	13.2	4.0	0.8	184.4	0.54	0.40	7.4
22661	Rock	13.5	566	4.8	9.8	0.009	<0.01	0.49	4.9	3.7	0.5	117.8	0.08	0.49	6.2
22662	Rock	58.6	854	12.2	9.0	0.010	1.539	0.57	12.1	5.4	0.7	187.3	0.49	0.47	5.0
22663	Rock	5.8	124	1227.0	25.5	0.002	0.759	487.27	2.2	6.7	2.1	15.1	0.06	1.57	8.8
22664	Rock	5.9	73	6.7	2.8	0.005	<0.01	2.76	0.9	4.4	0.4	2.3	<0.05	0.41	1.0
22665	Rock	5.8	52	5.0	13.0	0.008	<0.01	0.72	2.2	4.5	0.7	2117.5	<0.05	0.39	3.4
22666	Rock	4.6	389	25.6	49.3	0.002	1.909	36.56	5.7	6.8	5.5	16.4	0.08	1.01	8.3
22667	Rock	35.5	180	4.4	37.4	0.004	0.033	1.07	5.0	3.7	1.2	24.2	0.11	0.37	12.6
22668	Rock	8.6	95	9.5	6.6	0.004	<0.01	0.40	2.3	3.9	0.5	6.1	<0.05	0.45	5.2
22669	Rock	20.4	910	34.4	32.7	0.005	0.055	36.04	4.0	4.3	0.8	46.9	0.10	0.57	31.1
22670	Rock	3.2	124	4.3	13.9	0.007	<0.01	0.60	2.2	4.3	0.8	80.8	0.34	0.49	6.9
22671	Rock	10.1	107	11.6	16.3	0.005	0.018	0.47	2.2	4.1	0.7	8.1	0.13	0.47	6.3
22672	Rock	21.4	86	74.1	20.2	0.008	4.924	1.73	4.1	5.4	0.6	21.4	0.11	0.43	7.8
22673	Rock	6.4	116	86.6	22.8	0.005	0.038	0.48	2.9	4.4	0.9	17.7	0.13	0.40	15.7

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11-360-07745-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
22651	Rock	0.016	0.12	0.8	17	0.5	2.3	9	28.6
22652	Rock	0.020	0.08	0.8	20	0.2	2.6	20	33.5
22653	Rock	0.031	0.13	1.1	19	0.9	4.8	13	35.6
22654	Rock	0.029	0.21	1.0	42	0.7	2.3	52	21.7
22655	Rock	0.020	0.10	1.1	23	0.4	3.5	30	43.3
22656	Rock	0.010	0.09	0.5	12	0.4	1.6	5	27.0
22657	Rock	0.010	0.08	0.5	9	0.4	1.2	5	16.4
22658	Rock	0.048	0.25	1.3	56	0.2	7.9	62	28.9
22659	Rock	0.087	0.12	0.2	90	0.1	8.1	37	5.1
22660	Rock	0.160	0.09	0.6	141	0.3	18.3	75	20.0
22661	Rock	0.021	0.06	0.4	102	0.1	8.9	39	17.3
22662	Rock	0.134	0.05	0.7	166	0.3	11.2	62	17.2
22663	Rock	0.015	0.21	1.3	12	1.1	2.3	7	37.7
22664	Rock	0.006	0.03	0.2	5	0.1	0.8	5	4.9
22665	Rock	0.014	0.09	1.5	29	0.2	5.0	6	14.3
22666	Rock	0.028	0.27	1.0	33	1.2	2.3	5	35.3
22667	Rock	0.033	0.22	2.1	37	0.7	3.5	53	44.4
22668	Rock	0.017	0.07	1.0	12	0.4	2.3	25	25.0
22669	Rock	0.028	2.10	5.0	49	2.5	2.3	63	28.8
22670	Rock	0.053	0.15	0.9	19	4.6	2.1	4	24.7
22671	Rock	0.029	0.13	1.2	15	0.3	2.2	23	31.9
22672	Rock	0.028	0.29	0.9	26	0.2	3.0	27	32.9
22673	Rock	0.029	0.15	1.8	29	0.4	4.0	27	56.5

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Certificate of Analysis

11-360-07745-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
22651	Rock			0.13	1.97	277.3	90	0.38	0.88	0.01	<0.02	18.39	1.7	215	0.73
22651 Dup				0.15	2.00	275.4	86	0.33	0.85	0.01	<0.02	20.32	1.7	222	0.69
QCV1110-01799-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				62.60											
22669	Rock			0.34	2.74	469.2	164	0.56	2.34	0.03	0.18	9.55	6.1	133	3.19
22669 Dup				0.25	2.82	499.6	158	0.85	3.28	0.02	0.17	10.90	5.7	138	3.19
QCV1110-01799-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS92-4A expected				0.70					2.44				16.3		
STD-OREAS92-4A result				0.77	8.32		415	2.75	2.52	0.55	0.05	84.53	16.5		6.63
22651	Rock		<0.005												
22651 Dup			<0.005												
22669	Rock		0.093												
22669 Dup			0.088												
STD-Oxi81 expected			1.807												
STD-Oxi81 result			1.821												
QCV1110-01800-0004-BLK			<0.005												
STD-OxG84 expected			0.922												
STD-OxG84 result			0.940												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
22651	Rock	16.4	1.04	4.84	0.98	1.0	0.02	0.50	8.6	6.2	0.05	36	3.12	0.44	0.7
22651 Dup		16.1	1.04	4.61	1.02	1.0	0.02	0.52	9.3	6.5	0.05	36	3.11	0.43	0.7
QCV1110-01799-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1050.9													
22669	Rock	129.8	>10	9.39	2.26	0.9	0.04	0.81	4.5	20.6	0.05	62	3.79	0.62	1.2
22669 Dup		132.2	>10	9.21	2.23	0.9	0.04	0.82	5.3	20.8	0.05	63	3.21	0.67	1.4
QCV1110-01799-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	0.02	<0.1
STD-OREAS92-4A expected		2294.0													
STD-OREAS92-4A result		2353.7	4.54	17.21		4.0	0.33	2.92	42.4	26.2	1.64				15.1

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Northern Tiger Resources
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Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
22651	Rock	4.7	94	3.8	22.9	0.009	0.035	1.43	2.2	4.0	3.4	12.3	0.09	0.44	5.4
22651 Dup		5.1	41	3.9	22.5	0.009	0.013	1.39	2.3	4.4	3.4	11.7	0.08	0.44	5.5
QCV1110-01799-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
22669	Rock	20.4	910	34.4	32.7	0.005	0.055	36.04	4.0	4.3	0.8	46.9	0.10	0.57	31.1
22669 Dup		19.9	926	34.5	31.8	0.003	0.057	36.00	3.7	3.6	0.7	47.1	0.12	0.61	30.5
QCV1110-01799-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS92-4A expected				9.8			0.310	1.16			10.6				
STD-OREAS92-4A result		37.5	728	11.0	186.5	0.014	0.282	1.17	13.8		10.4	33.8			

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
22651	Rock	0.016	0.12	0.8	17	0.5	2.3	9	28.6
22651 Dup		0.017	0.12	0.9	17	0.5	2.3	9	29.2
QCV1110-01799-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
22669	Rock	0.028	2.10	5.0	49	2.5	2.3	63	28.8
22669 Dup		0.035	2.13	4.7	50	2.7	2.3	64	29.0
QCV1110-01799-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected								88	
STD-OREAS92-4A result				3.4		2.6	25.4	92	119.6

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11-360-08519-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 10**
Client Reference: **Rock 10**
Description: **3 ACE**

Date Received: 11/10/2011
Date Completed: 11/28/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	7	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Zn-4A-OR-AA	Zn, Ore Grade, 4 Acid, AA
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Ag-4A-OR	Ag, 4 Acid, AA, Ore Grade
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS
Vancouver, BC	Pb-4A-OR-AA	Pb, Ore Grade, 4 Acid, AA

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Pb Pb-4A-OR-AA % 0.01	Zn Zn-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1
20119	Rock	0.056				0.16	0.37	472.2	19	0.16	0.03	0.21	0.06	3.01	0.5
25201	Rock	0.029				0.23	4.19	25.0	641	0.87	0.08	0.04	<0.02	27.53	12.9
20420	Rock	<0.005				0.15	0.62	8.3	27	0.14	0.05	<0.01	0.05	6.18	0.5
20421	Rock	0.021				0.14	2.50	38.2	126	0.61	0.06	0.01	0.18	19.07	2.2
20422	Rock	0.023				0.23	2.85	1326.8	124	0.69	0.11	0.06	0.13	24.82	0.4
20423	Rock	0.019				0.11	0.23	4336.4	17	0.09	0.05	<0.01	0.14	3.79	1.9
20424	Rock	0.018	104.9	16.85	10.72	>100	1.06	12.6	<5	0.24	202.21	0.21	848.63	20.41	2.8

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11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05
20119	Rock	128	0.29	5.1	0.31	1.02	1.29	<0.1	<0.01	0.09	1.4	2.6	0.02	25	0.52
25201	Rock	114	3.04	225.9	>10	7.86	0.64	2.2	0.03	1.71	13.9	4.9	0.24	238	1.13
20420	Rock	172	0.67	5.2	0.50	1.25	1.09	0.3	0.02	0.14	2.6	5.8	0.01	23	0.49
20421	Rock	187	2.44	9.4	1.02	5.05	1.04	1.1	0.01	0.62	8.1	17.5	0.04	115	0.52
20422	Rock	172	1.30	6.1	0.56	5.31	1.27	1.1	0.03	0.65	10.7	7.2	0.07	25	0.46
20423	Rock	235	0.37	6.3	0.76	0.64	1.37	0.2	<0.01	0.07	1.6	3.1	<0.01	23	0.62
20424	Rock	26	0.39	5815.0	>10	6.19	0.97	<0.1	7.25	<0.01	9.2	7.8	0.45	3197	0.21

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11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05
20119	Rock	<0.01	0.2	3.7	10	5.8	4.4	<0.002	0.018	0.67	0.2	1.8	0.5	4.2	<0.05
25201	Rock	0.05	0.7	19.1	2253	6.6	88.0	0.007	1.020	1.93	9.2	4.6	1.3	19.9	0.09
20420	Rock	<0.01	0.6	4.1	35	34.8	8.2	<0.002	<0.01	0.48	0.4	1.1	8.5	4.3	<0.05
20421	Rock	0.03	0.7	6.5	81	23.2	33.3	<0.002	0.016	0.52	2.0	1.5	0.7	53.3	0.08
20422	Rock	0.02	0.7	3.7	124	101.4	37.8	<0.002	0.026	1.57	1.7	1.6	5.1	115.8	0.08
20423	Rock	<0.01	0.2	5.0	22	52.7	4.2	<0.002	0.171	2.87	0.3	4.1	0.7	24.3	<0.05
20424	Rock	<0.01	3.9	8.1	303	>10000	0.8	0.028	>10	3.25	2.1	37.0	30.3	3.1	0.24

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11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20119	Rock	<0.05	0.4	<0.005	0.02	0.1	5	0.3	0.3	3	2.8
25201	Rock	0.09	6.1	0.021	1.00	1.6	217	0.8	3.9	181	55.6
20420	Rock	<0.05	1.2	0.005	0.06	0.3	6	0.6	0.6	27	7.9
20421	Rock	<0.05	4.8	0.015	0.20	1.2	23	1.0	2.3	47	29.8
20422	Rock	<0.05	5.1	0.020	0.26	0.8	24	1.3	2.1	6	31.2
20423	Rock	<0.05	1.2	<0.005	0.09	0.2	3	0.4	0.4	4	4.0
20424	Rock	0.12	2.6	0.079	0.41	5.6	30	1292.7	8.7	>10000	9.0

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Canada

Certificate of Analysis

11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Pb Pb-4A-OR-AA % 0.01	Zn Zn-4A-OR-AA % 0.01	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1
20119	Rock					0.16	0.37	472.2	19	0.16	0.03	0.21	0.06	3.01	0.5
20119 Dup						0.08	0.38	458.1	18	0.14	0.04	0.01	0.08	3.06	0.5
QCV1111-01142-0002-BLK						<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1
STD-OREAS92-4A expected						0.70					2.44				16.3
STD-OREAS92-4A result						1.07	7.51	6.3	389	3.01	2.63	0.64	0.16	91.31	16.0
20119	Rock	0.056													
20119 Dup		0.071													
QCV1111-01143-0002-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.897													

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11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05
20119	Rock	128	0.29	5.1	0.31	1.02	1.29	<0.1	<0.01	0.09	1.4	2.6	0.02	25	0.52
20119 Dup		120	0.30	4.0	0.30	1.00	1.26	<0.1	<0.01	0.09	1.4	4.4	0.01	23	0.50
QCV1111-01142-0002-BLK		<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05
STD-OREAS92-4A expected				2294.0											
STD-OREAS92-4A result			6.97	2400.7	4.70	17.96		4.0	0.32	2.29	41.0	26.7	1.52		0.36

3Ace Property, Northern Tiger Resources Inc.
Vol 5-201
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Certificate of Analysis

11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05
20119	Rock	<0.01	0.2	3.7	10	5.8	4.4	<0.002	0.018	0.67	0.2	1.8	0.5	4.2	<0.05
20119 Dup		<0.01	0.2	4.0	<10	11.4	4.5	<0.002	0.022	0.68	0.2	1.5	0.6	3.9	<0.05
QCV1111-01142-0002-BLK		<0.01	<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05
STD-OREAS92-4A expected						9.8			0.310	1.16		3.8	10.6		
STD-OREAS92-4A result		0.39	14.8	41.5	716	29.6	186.7	<0.002	0.285	1.12	12.7	3.9	9.9	33.9	1.02

3Ace Property, Northern Tiger Resources Inc.
Vol 5-202
Buchanan et al., 2011

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Certificate of Analysis

11-360-08519-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20119	Rock	<0.05	0.4	<0.005	0.02	0.1	5	0.3	0.3	3	2.8
20119 Dup		<0.05	0.5	<0.005	0.02	0.1	4	0.3	0.3	5	3.1
QCV1111-01142-0002-BLK		<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected										88	
STD-OREAS92-4A result		<0.05	16.0	0.329	0.89	3.2		3.7	26.2	100	124.5

3Ace Property, Northern Tiger Resources Inc.
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11-360-08871-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 12**
Client Reference: **Rock 12**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 01/03/2012
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	13	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-Met500-AA	Au Metallic Screen (500g) AA Finish
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08871-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au (Total) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (+150) Au-Met500-AA ppm 0.01	Weight (-150) Au-Met500-AA g	Weight (+150) Au-Met500-AA g	Weight (Total) Au-Met500-AA g	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01
20425	Rock		2.62	2.42	2.82	1.37	176.20	0.36	176.56	17.45	0.13	>10000	11	<0.05	69.80
20116	Rock	<0.005								0.51	0.15	70.4	8	<0.05	0.11
20117	Rock	0.006								0.13	0.95	54.9	44	0.32	0.13
20118	Rock	0.045								0.11	1.37	67.1	85	0.36	0.07
20964	Rock	0.465								5.68	0.82	>10000	90	0.10	1.77
20965	Rock	0.025								0.19	0.24	4591.1	12	<0.05	0.04
20966	Rock	0.034								0.16	0.55	3567.1	25	0.16	0.07
20967	Rock	0.009								0.08	0.15	545.2	14	0.06	0.04
20968	Rock	0.058								0.10	0.53	4690.9	28	0.12	0.09
21034	Rock	0.030								0.15	0.16	3833.6	5	<0.05	0.06
21035	Rock	0.019								0.08	0.12	4001.8	7	<0.05	0.03
21036	Rock	0.093								12.98	0.15	2005.7	11	<0.05	14.44
21037	Rock	0.027								0.09	0.05	1841.8	6	<0.05	0.05

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5
20425	Rock	0.03	0.39	0.67	4.9	131	0.13	23.4	16.12	0.40	3.55	0.2	0.20	0.04	<0.5
20116	Rock	0.65	<0.02	1.98	2.1	224	0.15	4.4	0.35	0.52	1.57	<0.1	<0.01	0.04	1.0
20117	Rock	0.03	0.06	6.02	3.0	234	1.35	9.0	1.00	2.41	1.40	0.2	<0.01	0.26	3.2
20118	Rock	<0.01	0.03	8.85	3.4	248	2.49	30.6	1.36	3.61	1.51	0.3	0.01	0.47	4.9
20964	Rock	0.02	2.71	6.00	1.4	149	1.76	130.0	2.35	2.87	1.84	0.5	0.28	0.28	3.1
20965	Rock	<0.01	0.05	2.03	1.3	188	0.17	10.1	0.64	0.61	1.23	<0.1	<0.01	0.03	0.9
20966	Rock	0.01	0.38	17.34	1.7	178	0.39	10.7	0.63	1.46	1.08	1.0	0.03	0.10	8.2
20967	Rock	<0.01	<0.02	1.57	0.7	144	0.18	4.8	0.30	0.61	0.95	<0.1	<0.01	0.06	0.7
20968	Rock	<0.01	0.06	11.06	1.1	186	0.36	25.4	0.62	1.71	1.27	0.8	0.01	0.16	5.4
21034	Rock	<0.01	0.03	1.55	0.9	163	0.11	6.3	0.52	0.44	1.24	0.2	<0.01	0.02	0.7
21035	Rock	<0.01	<0.02	1.44	1.6	208	0.11	6.3	0.54	0.28	1.31	0.1	<0.01	<0.01	0.7
21036	Rock	<0.01	0.76	6.96	1.3	224	0.16	40.3	0.40	0.52	1.25	0.2	0.06	0.03	2.9
21037	Rock	<0.01	0.04	2.10	1.1	232	0.12	10.9	0.38	0.23	1.15	<0.1	0.01	<0.01	1.0

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1
20425	Rock	2.4	0.01	24	0.35	<0.01	0.5	7.5	64	980.4	2.1	<0.002	>10	99.07	0.6
20116	Rock	1.2	0.30	59	0.50	0.03	0.2	4.8	97	2.6	2.0	0.002	<0.01	0.14	0.5
20117	Rock	87.0	0.02	288	0.40	0.02	0.3	8.4	202	15.1	12.8	0.004	<0.01	0.61	1.4
20118	Rock	43.0	0.03	76	0.51	0.03	0.5	11.2	240	6.3	23.6	0.003	<0.01	1.31	2.2
20964	Rock	8.0	0.04	30	0.34	0.01	0.3	4.0	116	1095.1	15.6	<0.002	0.670	30.48	1.6
20965	Rock	1.4	<0.01	20	0.66	<0.01	0.2	5.1	22	14.9	1.9	0.004	0.190	2.26	0.4
20966	Rock	5.2	0.01	18	0.48	<0.01	0.7	3.5	55	6.1	5.4	0.005	0.137	2.18	1.0
20967	Rock	0.8	<0.01	19	0.54	<0.01	0.3	3.8	22	1.7	2.8	0.004	0.023	0.43	0.4
20968	Rock	1.5	0.01	19	0.55	<0.01	0.6	4.4	38	19.6	7.5	0.003	0.122	2.02	1.0
21034	Rock	1.3	<0.01	16	0.53	<0.01	0.2	4.5	14	12.8	0.9	0.004	0.128	2.15	0.3
21035	Rock	0.9	<0.01	18	0.63	<0.01	0.2	5.0	30	4.0	0.5	<0.002	0.179	2.29	0.3
21036	Rock	1.1	<0.01	18	0.63	<0.01	0.2	4.8	31	5629.4	1.4	0.005	0.097	5.72	0.4
21037	Rock	1.7	<0.01	18	0.56	<0.01	0.2	3.6	11	7.1	0.4	<0.002	0.084	1.07	0.3

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11-360-08871-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20425	Rock	12.3	0.8	3.6	0.19	<0.05	0.8	<0.005	0.06	<0.1	1	0.4	0.2	41	1.5
20116	Rock	2.0	<0.2	8.7	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	9	<0.1	0.9	5	2.5
20117	Rock	1.8	0.3	10.9	<0.05	<0.05	1.4	0.007	0.07	0.3	10	0.3	1.2	21	6.0
20118	Rock	4.2	0.4	12.0	<0.05	<0.05	4.8	0.012	0.15	0.8	14	1.0	0.9	30	9.4
20964	Rock	5.9	2.7	112.1	<0.05	0.05	3.7	0.011	1.25	0.7	8	2.2	1.9	46	18.7
20965	Rock	7.4	0.3	12.2	<0.05	0.05	0.9	<0.005	0.03	<0.1	2	0.2	0.2	6	2.8
20966	Rock	7.4	0.3	51.1	0.05	0.06	3.8	0.017	0.17	0.9	5	1.2	2.3	7	34.3
20967	Rock	4.1	0.2	10.3	<0.05	<0.05	0.4	<0.005	0.04	<0.1	3	0.3	0.3	3	2.1
20968	Rock	5.5	0.3	19.1	0.05	0.06	3.6	0.015	0.06	0.7	6	1.4	1.8	7	25.5
21034	Rock	5.6	<0.2	7.8	<0.05	0.05	0.7	<0.005	<0.02	<0.1	1	0.1	0.1	3	1.7
21035	Rock	9.5	0.2	23.5	<0.05	0.05	0.4	<0.005	<0.02	<0.1	<1	<0.1	0.2	4	1.7
21036	Rock	12.1	0.3	17.3	<0.05	<0.05	1.2	<0.005	0.06	0.1	2	0.3	0.4	138	4.3
21037	Rock	7.6	0.3	5.8	<0.05	<0.05	0.3	<0.005	0.05	<0.1	<1	0.1	3.0	2	0.8

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11-360-08871-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Au (Total) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (+150) Au-Met500-AA ppm 0.01	Weight (-150) Au-Met500-AA g	Weight (+150) Au-Met500-AA g	Weight (Total) Au-Met500-AA g	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01
20116	Rock									0.51	0.15	70.4	8	<0.05	0.11
20116 Dup										0.19	0.14	67.0	7	<0.05	0.04
QCV1112-00291-0002-BLK										<0.01	<0.01	<0.2	<5	<0.05	<0.01
QCV1112-00291-0003-BLK										<0.01	<0.01	<0.2	<5	<0.05	<0.01
STD-OREAS92-4A expected										0.70					2.44
STD-OREAS92-4A result										0.84	7.54	8.0	411	2.66	2.48
20116	Rock	<0.005													
20116 Dup		<0.005													
QCV1112-00293-0002-BLK		0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.008													
QCV1112-00294-0001-BLK			<0.01						29.17						
STD-Oxi81 expected			1.82												
STD-Oxi81 result			1.85						30.14						
20425	Rock									17.45	0.13	>10000	11	<0.05	69.80
20425 Dup										18.07	0.14	>10000	13	<0.05	65.12
QCV1112-01680-0002-BLK										<0.01	<0.01	<0.2	<5	<0.05	<0.01
STD-OREAS92-4A expected										0.70					2.44
STD-OREAS92-4A result										0.52	8.25	7.6	410	2.22	2.57

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11-360-08871-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5
20116	Rock	0.65	<0.02	1.98	2.1	224	0.15	4.4	0.35	0.52	1.57	<0.1	<0.01	0.04	1.0
20116 Dup		0.65	0.03	1.51	1.9	205	0.12	7.6	0.35	0.47	1.63	<0.1	<0.01	0.04	0.7
QCV1112-00291-0002-BLK		<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5
QCV1112-00291-0003-BLK		<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5
STD-OREAS92-4A expected					16.3			2294.0							
STD-OREAS92-4A result		0.43	0.05	86.81	16.1		6.69	2275.5	4.15	21.55		4.5	0.33	2.88	43.2
20425	Rock	0.03	0.39	0.67	4.9	131	0.13	23.4	16.12	0.40	3.55	0.2	0.20	0.04	<0.5
20425 Dup		0.04	0.43	0.77	6.0	129	0.15	20.2	16.42	0.46	3.93	0.1	0.23	0.05	<0.5
QCV1112-01680-0002-BLK		<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5
STD-OREAS92-4A expected					16.3			2294.0							
STD-OREAS92-4A result		0.56	0.03	87.42	16.9		6.44	2318.5	4.42	16.48		6.1	0.34	2.74	44.1

3Ace Property, Northern Tiger Resources Inc. Vol 5-210 Buchanan et al., 2011

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-08871-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1
20116	Rock	1.2	0.30	59	0.50	0.03	0.2	4.8	97	2.6	2.0	0.002	<0.01	0.14	0.5
20116 Dup		1.0	0.29	60	0.72	0.03	0.2	4.2	94	6.2	1.6	0.005	<0.01	0.37	0.4
QCV1112-00291-0002-BLK		<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1
QCV1112-00291-0003-BLK		<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1
STD-OREAS92-4A expected										9.8			0.310	1.16	
STD-OREAS92-4A result		25.2	1.61		0.35	0.49	13.6	36.2	664	9.8	195.7	0.004	0.248	1.14	12.7
20425	Rock	2.4	0.01	24	0.35	<0.01	0.5	7.5	64	980.4	2.1	<0.002	>10	99.07	0.6
20425 Dup		2.3	0.01	23	0.39	<0.01	0.5	5.8	50	986.1	2.5	<0.002	>10	112.81	0.3
QCV1112-01680-0002-BLK		<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1
STD-OREAS92-4A expected										9.8			0.310	1.16	
STD-OREAS92-4A result		24.0	1.66		0.33	0.48	14.9	39.9	731	8.8	205.0	0.003	0.292	1.14	12.4

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Northern Tiger Resources
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Sample Description	Sample Type	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20116	Rock	2.0	<0.2	8.7	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	9	<0.1	0.9	5	2.5
20116 Dup		2.0	<0.2	8.0	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	9	<0.1	0.8	7	1.8
QCV1112-00291-0002-BLK		<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1112-00291-0003-BLK		<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected		3.8	10.6											88	
STD-OREAS92-4A result		6.7	10.4	33.9	1.30	<0.05	17.6	0.303	0.87	3.1		2.6	27.0	84	113.9
20425	Rock	12.3	0.8	3.6	0.19	<0.05	0.8	<0.005	0.06	<0.1	1	0.4	0.2	41	1.5
20425 Dup		16.3	0.7	4.0	0.06	<0.05	0.6	<0.005	0.03	<0.1	1	0.3	0.2	42	1.5
QCV1112-01680-0002-BLK		<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected		3.8	10.6											88	
STD-OREAS92-4A result		3.9	10.6	31.6			18.1			3.5		2.4	25.7	88	118.8

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11-360-09200-01

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3Ace Property, Northern Tiger Resources Inc.
Vol 5-213
Buchanan et al., 2011

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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Client Reference: **Re:11-360-07685-01**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/16/2011
Invoice:

Location	Samples	Type	Preparation Description
Vancouver, BC	68	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	Hg-AR-TR-CVAA	Hg, AQR, CVAA, Trace Levels

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-09200-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
21011	Pulp	3.60
21012	Pulp	14.70
21013	Pulp	0.10
21014	Pulp	<0.01
21015	Pulp	<0.01
21016	Pulp	<0.01
21017	Pulp	<0.01
21018	Pulp	<0.01
21019	Pulp	<0.01
21020	Pulp	<0.01
21021	Pulp	<0.01
21022	Pulp	<0.01
21023	Pulp	<0.01
21024	Pulp	<0.01
21025	Pulp	<0.01
21026	Pulp	<0.01
21027	Pulp	<0.01
21028	Pulp	<0.01
21029	Pulp	<0.01
21030	Pulp	<0.01
21031	Pulp	<0.01
21032	Pulp	<0.01
21033	Pulp	<0.01
20937	Pulp	<0.01
20938	Pulp	<0.01
20939	Pulp	0.30
20940	Pulp	<0.01
20941	Pulp	<0.01
20942	Pulp	<0.01
20943	Pulp	<0.01
20944	Pulp	<0.01
20945	Pulp	<0.01
20946	Pulp	0.10
20947	Pulp	<0.01
20948	Pulp	<0.01
20949	Pulp	<0.01
20950	Pulp	<0.01
20951	Pulp	<0.01
20952	Pulp	<0.01
20953	Pulp	<0.01

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Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
20954	Pulp	<0.01
20955	Pulp	<0.01
20956	Pulp	<0.01
20957	Pulp	<0.01
20958	Pulp	<0.01
20959	Pulp	<0.01
20960	Pulp	<0.01
20961	Pulp	<0.01
20962	Pulp	<0.01
20963	Pulp	<0.01
20795	Pulp	<0.01
20796	Pulp	<0.01
20797	Pulp	<0.01
20798	Pulp	<0.01
20799	Pulp	<0.01
20800	Pulp	<0.01
20412	Pulp	<0.01
20413	Pulp	<0.01
20414	Pulp	<0.01
20415	Pulp	<0.01
20416	Pulp	<0.01
20417	Pulp	<0.01
20418	Pulp	<0.01
20419	Pulp	<0.01
20601	Pulp	<0.01
20602	Pulp	<0.01
20603	Pulp	<0.01
20604	Pulp	<0.01

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11-360-09200-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
21011	Pulp	3.60
21011 Dup		3.10
QCV1111-00445-0002-BLK		<0.01
21029	Pulp	<0.01
21029 Dup		<0.01
QCV1111-00445-0005-BLK		<0.01
20950	Pulp	<0.01
20950 Dup		<0.01
QCV1111-00445-0008-BLK		<0.01
STD-DS-1 expected		82.00
STD-DS-1 result		82.10
20799	Pulp	<0.01
20799 Dup		<0.01
QCV1111-00445-0011-BLK		<0.01
STD-DS-1 expected		82.00
STD-DS-1 result		80.80

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 6: Appendix F (Cont.): Soils Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)

Certificates of Analysis

Soil Certificates

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Certificate of Analysis

11-360-05912-01

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	184	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-05912-01

Northern Tiger Resources
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
230	Soil	0.051	0.18	1.38	277.2	28	0.91	1.81	0.22	0.43	17.50	27.8	22	1.46	58.7
231	Soil	0.025	0.65	0.97	343.6	79	1.17	1.36	0.79	0.40	9.72	11.4	21	8.65	99.8
232	Soil	0.053	0.35	1.41	313.8	38	0.79	1.78	0.39	0.33	15.89	21.8	24	2.30	59.4
233	Soil	0.038	0.14	1.63	278.9	28	0.62	1.64	0.23	0.19	14.93	21.8	24	1.42	53.9
234	Soil	0.033	0.22	1.61	332.4	30	0.82	1.27	0.26	0.31	19.21	25.6	26	1.98	56.1
235	Soil	0.024	0.14	1.61	254.8	26	0.49	1.10	0.34	0.32	16.24	24.2	26	1.38	44.5
236	Soil	0.031	0.20	1.52	265.3	30	0.73	1.41	0.37	2.88	16.62	26.6	26	1.99	58.7
237	Soil	0.026	0.18	1.58	189.6	25	0.55	1.10	0.34	2.44	16.50	19.0	25	1.60	39.6
238	Soil	0.046	0.17	1.60	201.8	23	0.45	0.88	0.34	2.60	17.31	18.9	28	1.11	36.7
239	Soil	0.037	0.12	1.46	186.4	19	0.46	1.14	0.32	1.63	13.86	15.6	26	0.81	35.8
240	Soil	0.086	0.11	1.45	135.9	16	0.31	1.11	0.28	0.72	17.27	13.7	27	0.58	27.7
241	Soil	0.016	0.13	1.52	147.9	18	0.37	0.69	0.33	1.00	16.10	14.6	26	0.75	29.8
242	Soil	0.013	0.11	0.79	51.7	41	0.34	0.35	0.43	0.24	19.64	11.8	14	0.73	20.2
243	Soil	0.011	0.12	0.79	48.5	38	0.36	0.32	0.40	0.25	19.41	12.1	14	0.63	21.7
244	Soil	0.019	0.14	0.98	81.9	42	0.45	0.40	0.52	0.33	19.89	11.9	16	0.76	27.7
245	Soil	0.012	0.11	0.92	64.2	37	0.34	0.38	0.53	0.30	19.72	12.1	16	0.75	21.1
246	Soil	0.016	0.12	0.94	70.3	39	0.36	0.38	0.49	0.32	21.16	13.1	17	0.72	24.3
247	Soil	0.015	0.13	0.84	61.6	31	0.36	0.33	0.36	0.25	16.87	11.6	15	0.62	21.8
248	Soil	0.016	0.12	0.92	69.0	37	0.36	0.39	0.45	0.29	18.68	12.2	16	0.69	23.7
249	Soil	0.020	0.12	1.14	76.9	48	0.36	0.42	0.68	0.39	18.69	12.2	17	0.52	25.3
250	Soil	0.017	0.10	0.96	58.6	32	0.33	0.35	0.39	0.25	18.67	11.5	16	0.59	20.3
302	Soil	0.010	0.13	0.83	34.5	34	0.40	0.34	0.76	0.39	13.36	10.5	12	0.36	25.3
303	Soil	0.007	0.14	0.88	22.1	33	0.31	0.31	0.89	0.29	13.73	8.7	15	0.47	21.3
304	Soil	0.009	0.20	0.96	44.1	33	0.40	0.38	0.51	0.80	19.03	14.0	14	0.65	26.2
305	Soil	0.010	0.17	0.99	40.2	30	0.41	0.38	0.54	0.62	19.61	12.5	14	0.60	24.7
306	Soil	0.008	0.16	0.94	36.8	26	0.38	0.35	0.52	0.48	17.51	11.1	14	0.63	22.2
307	Soil	0.011	0.14	0.88	34.0	25	0.39	0.33	0.45	0.43	15.81	11.9	13	0.51	20.7
308	Soil	0.016	0.07	1.16	9.3	24	0.45	0.35	0.72	0.12	14.42	10.7	18	0.62	27.5
309	Soil	0.007	0.14	0.87	39.5	24	0.33	0.33	0.39	0.33	18.97	10.4	12	0.50	23.4
310	Soil	0.012	0.12	0.91	32.5	22	0.35	0.33	0.44	0.36	17.74	10.4	13	0.52	20.4
311	Soil	0.020	0.28	1.14	5.2	91	0.98	0.38	0.97	0.18	10.12	12.9	18	3.62	66.8
312	Soil	0.006	0.16	0.99	28.5	30	0.36	0.34	0.49	0.43	20.32	11.5	14	0.90	24.3
313	Soil	0.012	0.15	0.98	26.2	27	0.42	0.35	0.40	0.38	20.53	10.3	13	0.72	21.5
314	Soil	0.007	0.12	0.96	28.0	28	0.38	0.32	0.37	0.32	24.50	10.9	14	0.75	21.7
315	Soil	<0.005	0.18	1.08	32.7	33	0.43	0.37	0.46	0.38	30.07	12.2	15	0.92	27.0
316	Soil	0.007	0.16	1.10	31.6	33	0.45	0.38	0.50	0.36	34.21	11.5	15	0.85	25.8
317	Soil	0.015	0.12	1.05	24.5	26	0.40	0.34	0.37	0.28	32.74	11.2	14	0.74	19.8
318	Soil	0.014	0.13	1.02	24.4	27	0.39	0.31	0.38	0.34	31.74	11.2	14	0.76	20.4
319	Soil	0.013	0.13	1.02	30.2	30	0.37	0.34	0.41	0.31	33.48	11.3	14	0.81	22.1
321	Soil	0.045	0.08	1.48	95.3	25	0.34	0.36	0.21	0.08	25.01	11.9	22	1.60	35.0

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Certificate of Analysis

11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
322	Soil	0.028	<0.01	0.27	31.5	15	<0.05	0.26	0.03	0.03	31.93	2.5	5	0.59	8.3
323	Soil	0.032	0.10	0.11	297.8	<5	0.05	0.06	0.10	0.51	15.11	2.4	3	1.18	6.0
324	Soil	0.036	0.06	0.50	37.7	23	0.11	0.25	0.01	0.07	21.01	2.4	5	0.90	8.7
325	Soil	0.007	0.17	0.59	29.6	25	0.13	0.56	<0.01	0.04	37.83	3.7	13	0.55	20.0
326	Soil	0.010	0.21	1.44	35.0	34	0.39	0.48	0.03	0.11	23.82	6.7	19	3.05	26.8
327	Soil	0.019	0.03	0.33	12.8	13	<0.05	0.14	0.01	0.04	17.86	1.4	3	0.44	2.6
328	Soil	0.009	0.05	0.47	4.5	22	0.07	0.13	0.02	0.03	22.49	0.9	3	0.33	1.3
329	Soil	0.010	0.03	0.40	3.3	21	0.07	0.06	0.04	0.06	5.46	0.9	2	0.29	1.9
330	Soil	0.010	0.07	0.40	2.7	21	0.07	0.05	0.03	0.03	2.64	1.3	1	0.65	2.1
331	Soil	0.014	0.05	1.19	46.5	46	0.37	0.26	0.05	0.04	44.40	7.6	15	0.67	13.3
332	Soil	0.012	0.04	0.77	25.0	36	0.18	0.28	0.06	0.08	39.00	5.0	11	0.67	9.8
333	Soil	0.029	0.25	1.36	63.4	70	0.49	0.32	0.48	0.11	21.38	10.1	19	2.70	24.3
334	Soil	0.007	0.04	1.14	6.5	56	0.19	0.29	0.19	0.10	29.22	3.9	12	0.43	6.1
335	Soil	0.012	0.13	1.11	45.4	75	0.77	0.39	0.38	0.04	39.79	9.3	15	0.83	19.4
336	Soil	0.011	0.04	1.27	3.5	67	0.45	0.32	0.28	0.08	37.23	8.0	14	0.77	7.0
337	Soil	0.012	0.04	1.40	16.1	73	0.44	0.26	0.20	0.05	37.93	7.3	16	0.64	11.0
338	Soil	0.008	0.03	1.43	21.8	50	0.23	0.31	0.15	0.04	41.18	6.7	18	0.44	8.9
339	Soil	0.011	0.04	1.04	21.9	34	0.19	0.34	0.10	0.05	44.93	6.8	16	0.58	8.7
340	Soil	0.017	0.09	1.00	14.5	65	0.42	0.29	0.53	0.10	25.45	7.9	14	0.66	12.8
341	Soil	0.012	0.09	1.13	23.5	57	0.34	0.27	0.60	0.05	22.57	7.8	15	0.40	12.0
342	Soil	0.013	0.06	1.24	23.7	62	0.27	0.38	0.48	0.06	28.47	11.1	16	0.66	12.5
343	Soil	0.014	0.07	1.08	14.1	58	0.22	0.28	0.41	0.06	35.45	6.4	14	0.58	9.8
344	Soil	0.011	0.10	1.41	13.1	77	0.67	0.41	0.44	0.14	38.32	10.7	20	0.89	14.1
345	Soil	0.013	0.08	0.90	7.1	69	0.38	0.31	0.78	0.09	38.08	6.2	12	0.60	17.7
346	Soil	0.013	0.05	1.34	8.8	42	0.60	0.42	0.36	0.12	59.44	13.2	17	0.97	21.4
347	Soil	0.007	0.11	1.02	10.5	36	0.58	0.38	2.57	0.08	34.19	10.9	16	0.48	27.7
371	Soil	0.026	0.51	1.46	61.3	69	0.60	0.33	1.10	0.55	11.96	7.7	18	1.55	49.6
372	Soil	0.017	0.23	1.20	42.3	38	0.30	0.20	1.04	0.46	10.76	6.9	13	0.73	25.7
373	Soil	0.021	0.20	1.13	27.7	45	0.28	0.23	0.83	0.14	6.68	5.6	12	1.03	23.0
374	Soil	0.019	0.08	0.92	56.9	27	0.22	0.34	<0.01	0.08	23.95	6.1	14	0.87	14.9
375	Soil	0.015	0.04	0.99	49.2	31	0.18	0.32	0.01	0.06	25.07	5.8	13	1.12	10.8
376	Soil	0.009	0.03	0.57	34.5	26	0.07	0.29	0.01	0.07	33.80	4.2	5	0.43	8.3
377	Soil	0.007	0.06	0.21	4.2	17	<0.05	0.03	0.03	0.10	1.74	0.5	1	0.32	1.1
378	Soil	0.011	0.08	0.39	3.4	27	0.10	0.05	0.03	0.10	5.00	0.9	3	0.64	2.2
379	Soil	0.011	0.05	0.21	5.7	27	0.05	0.07	0.02	0.09	7.10	1.3	4	0.88	3.1
380	Soil	0.013	0.09	0.44	11.5	47	0.17	0.12	0.07	0.12	10.53	2.2	6	0.89	4.1
381	Soil	0.015	0.11	0.11	54.0	14	<0.05	0.03	0.08	0.19	3.21	1.1	4	0.16	2.6
382	Soil	0.010	0.46	0.61	16.6	64	0.45	0.16	0.42	0.12	10.42	2.4	5	1.33	23.7
383	Soil	0.010	0.05	0.19	5.8	25	0.05	0.12	0.03	0.12	6.67	1.7	5	0.47	4.5
384	Soil	0.007	0.04	0.93	5.1	48	0.92	0.57	0.18	0.09	46.50	12.8	18	0.53	19.7

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
385	Soil	0.010	0.04	1.10	15.8	48	0.46	0.31	0.14	0.04	21.34	7.6	12	0.76	13.8
386	Soil	0.032	0.13	1.01	10.9	51	0.46	0.20	0.54	0.04	20.00	5.8	9	0.44	10.4
387	Soil	0.008	0.04	1.33	18.8	43	0.32	0.29	0.07	0.07	39.31	5.4	15	0.29	7.5
388	Soil	0.012	0.02	1.33	26.7	48	0.30	0.32	0.08	0.06	40.26	7.9	17	0.41	14.3
389	Soil	0.012	0.02	0.49	8.6	28	0.08	0.14	0.05	0.07	24.94	2.3	6	0.24	5.8
390	Soil	0.012	0.14	0.88	13.7	76	0.50	0.35	0.30	0.11	27.94	9.7	11	0.44	13.4
391	Soil	0.013	0.07	1.34	26.6	68	0.56	0.36	0.63	0.06	24.52	10.0	16	0.45	24.9
392	Soil	0.011	0.07	1.20	29.9	59	0.44	0.31	0.47	0.13	18.95	8.7	16	0.37	21.2
393	Soil	0.041	0.07	0.51	5.8	48	0.18	0.27	0.26	0.10	19.08	4.0	7	0.66	7.3
394	Soil	0.009	0.12	1.01	14.8	71	0.51	0.34	1.02	0.22	19.07	11.3	13	0.42	21.9
395	Soil	0.006	0.09	0.54	4.0	31	0.09	0.17	0.31	0.11	13.03	2.6	8	0.40	3.0
396	Soil	0.007	0.09	0.95	8.1	37	0.31	0.24	0.45	0.18	22.26	10.3	13	0.64	9.4
397	Soil	0.009	0.05	0.98	11.9	47	0.28	0.31	0.36	0.08	22.59	5.7	13	0.38	10.6
398	Soil	0.010	0.04	0.66	12.3	29	0.29	0.20	0.17	0.07	18.59	6.9	9	0.25	16.8
399	Soil	0.008	0.04	1.13	14.7	47	0.47	0.31	0.54	0.15	26.24	9.5	16	0.38	22.1
400	Soil	0.009	0.06	1.19	14.4	73	0.57	0.31	0.80	0.13	26.38	11.0	15	0.36	21.9
401	Soil	0.010	0.05	0.91	10.2	64	0.37	0.23	1.04	0.11	17.37	8.0	11	0.30	19.5
402	Soil	0.015	0.08	0.81	6.1	57	0.27	0.17	0.89	0.14	12.28	5.2	11	0.24	9.3
403	Soil	0.009	0.13	0.77	4.0	70	0.35	0.17	1.39	0.21	11.40	5.0	9	0.28	12.2
404	Soil	0.049	0.27	1.19	11.4	86	0.59	0.31	1.34	0.16	24.39	10.7	20	0.50	47.2
405	Soil	0.010	0.04	1.15	12.6	51	0.40	0.41	0.40	0.22	25.64	12.2	15	0.52	19.5
406	Soil	0.009	0.11	1.05	10.9	54	0.43	0.30	1.63	0.25	23.06	10.0	15	0.32	21.7
407	Soil	0.010	0.10	1.05	15.6	59	0.41	0.33	2.59	0.10	29.56	11.2	15	0.50	28.6
408	Soil	0.010	0.09	1.10	10.4	82	0.45	0.23	1.45	0.16	21.66	8.9	12	0.41	20.0
409	Soil	0.012	0.05	1.15	10.1	76	0.47	0.27	0.82	0.10	20.38	7.5	12	0.49	17.6
410	Soil	0.025	0.09	1.11	10.7	62	0.44	0.38	1.20	0.11	19.07	8.4	14	0.53	24.7
411	Soil	0.011	0.03	1.31	16.9	32	0.26	0.34	0.04	0.05	45.12	7.9	19	0.60	11.0
412	Soil	0.008	0.02	1.12	9.2	60	0.28	0.21	0.03	0.02	37.36	4.9	12	0.47	4.0
413	Soil	0.008	0.02	1.27	10.9	54	0.44	0.31	0.08	0.03	41.96	8.3	16	0.55	11.7
414	Soil	0.010	0.02	1.60	17.7	74	0.41	0.29	0.03	0.03	37.30	7.4	21	0.61	14.6
415	Soil	0.007	0.03	1.13	12.3	50	0.34	0.21	0.06	0.02	34.47	5.3	14	0.45	6.4
416	Soil	0.012	0.02	1.54	15.5	89	0.48	0.24	0.13	0.05	45.54	8.1	21	0.56	14.9
417	Soil	0.010	0.02	1.38	13.2	65	0.43	0.24	0.07	0.05	42.83	6.9	17	0.47	11.8
418	Soil	0.012	0.03	0.83	18.3	53	0.23	0.31	0.22	0.11	28.97	9.8	12	0.57	7.5
419	Soil	0.011	0.02	1.14	10.9	59	0.32	0.18	0.09	0.03	38.99	5.1	13	0.44	5.8
420	Soil	0.012	0.03	1.23	12.4	55	0.32	0.18	0.18	0.04	33.13	6.2	15	0.45	7.9
421	Soil	0.011	0.02	1.08	10.7	46	0.31	0.17	0.10	0.01	33.77	4.9	14	0.44	5.9
422	Soil	0.009	<0.01	1.33	13.9	67	0.35	0.22	0.13	0.08	37.56	6.3	18	0.49	11.0
423	Soil	0.009	0.04	0.83	16.0	35	0.12	0.36	0.03	0.07	29.11	4.7	12	0.57	4.2
424	Soil	0.019	0.18	0.81	4.6	49	0.38	0.11	0.87	0.06	16.82	4.5	7	0.33	12.8

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
425	Soil	0.013	0.06	1.13	9.1	33	0.37	0.24	2.18	0.05	30.59	7.9	16	0.46	18.5
426	Soil	0.060	0.40	0.79	288.2	45	0.40	0.26	0.93	0.30	9.52	6.3	9	1.70	26.9
427	Soil	0.055	0.50	0.85	296.4	47	0.40	0.33	1.53	0.42	8.71	7.0	11	1.85	34.6
428	Soil	0.080	0.50	0.79	343.5	46	0.41	0.34	1.59	0.35	7.50	7.0	10	1.62	27.2
429	Soil	0.015	0.15	0.55	40.8	34	0.13	0.08	1.13	0.25	4.86	2.7	4	0.56	9.3
430	Soil	0.017	0.18	0.63	49.6	24	0.22	0.13	0.80	0.57	7.04	4.9	5	0.87	11.4
431	Soil	0.024	0.02	0.77	43.0	33	0.14	0.22	0.03	0.09	17.03	3.9	11	0.97	8.6
432	Soil	0.021	0.11	1.25	56.0	32	0.22	0.25	<0.01	0.06	24.43	6.8	18	0.77	12.2
433	Soil	0.021	0.10	0.97	46.6	34	0.17	0.25	<0.01	0.09	40.11	5.6	14	0.96	10.0
434	Soil	0.015	0.04	1.25	51.3	47	0.35	0.26	0.02	0.05	40.50	6.7	16	0.80	15.6
435	Soil	0.011	0.16	0.30	12.1	38	0.17	0.09	0.17	0.11	8.52	1.6	4	0.94	6.5
436	Soil	0.011	0.07	0.44	43.8	17	0.15	0.20	0.06	0.09	22.66	4.5	7	0.61	10.3
437	Soil	0.010	0.07	0.94	28.4	56	0.20	0.21	0.11	0.18	21.24	4.4	12	0.79	14.5
438	Soil	<0.005	0.04	0.90	33.6	32	0.14	0.29	0.14	0.11	31.76	5.5	15	0.94	6.5
439	Soil	0.085	0.12	0.36	34.9	47	0.68	0.19	0.67	0.17	36.45	7.6	6	0.60	12.3
440	Soil	0.034	0.05	1.58	11.4	66	0.88	0.28	0.20	0.04	41.61	8.3	16	0.57	7.6
441	Soil	0.015	0.10	1.38	13.3	74	0.69	0.31	0.07	0.06	32.66	11.6	15	0.67	15.0
442	Soil	0.009	0.07	0.33	10.9	38	0.39	0.64	0.18	0.06	20.99	13.4	6	0.52	27.4
443	Soil	<0.005	0.08	0.74	10.3	67	0.22	0.30	0.57	0.05	16.79	4.4	8	0.51	10.0
444	Soil	<0.005	0.10	1.17	10.1	67	0.27	0.28	0.60	0.05	21.36	6.0	15	0.60	7.3
445	Soil	<0.005	0.04	0.89	24.2	45	0.23	0.33	0.08	0.04	31.31	6.9	12	0.37	16.1
446	Soil	0.024	0.04	0.77	17.7	57	0.23	0.23	0.16	0.04	29.53	4.1	10	0.35	8.9
447	Soil	0.019	0.06	1.44	19.6	121	0.66	0.34	0.24	0.07	32.85	11.0	20	0.66	21.0
448	Soil	0.010	0.04	0.41	4.3	43	0.10	0.16	0.14	0.07	17.88	2.0	6	0.44	5.2
449	Soil	0.014	0.11	1.48	11.9	70	0.43	0.36	0.11	0.10	33.43	8.2	19	0.70	6.1
450	Soil	0.016	0.02	1.09	11.8	46	0.30	0.25	0.06	0.04	30.57	5.8	14	0.30	9.1
451	Soil	0.013	0.06	0.79	14.7	32	0.20	0.30	0.08	0.19	26.02	5.8	13	0.45	6.3
452	Soil	0.014	0.03	1.32	9.8	29	0.69	0.46	0.20	0.06	45.60	12.3	18	0.67	24.6
453	Soil	0.023	0.08	1.13	9.0	43	0.53	0.38	0.53	0.10	37.22	10.3	16	0.52	18.4
454	Soil	0.013	0.12	1.01	17.1	67	0.56	0.30	0.74	0.17	30.61	14.2	11	0.48	15.7
455	Soil	0.015	0.04	1.10	10.9	46	0.46	0.47	0.40	0.14	36.83	14.8	18	0.57	22.0
456	Soil	0.009	0.06	0.87	11.7	47	0.34	0.30	0.49	0.04	25.84	7.2	11	0.53	15.7
457	Soil	0.010	0.15	1.02	11.2	86	0.45	0.29	1.34	0.23	26.09	6.3	16	0.81	27.3
458	Soil	0.010	0.27	1.01	11.5	73	0.64	0.38	1.66	0.37	16.10	9.6	13	0.50	34.9
459	Soil	0.010	0.27	0.96	12.5	62	0.59	0.36	1.63	0.30	16.63	9.5	12	0.33	45.1
460	Soil	0.010	0.09	1.08	15.3	47	0.44	0.33	0.58	0.10	27.14	12.7	16	0.44	33.7
461	Soil	0.014	0.10	1.10	14.3	50	0.52	0.30	1.07	0.12	22.85	11.1	16	0.45	35.5
462	Soil	0.008	0.07	1.17	14.7	67	0.43	0.33	0.49	0.08	30.98	11.3	15	0.39	20.1
463	Soil	0.010	0.07	1.16	11.8	38	0.50	0.31	1.05	0.11	24.33	10.7	15	0.48	26.0
464	Soil	0.013	0.10	1.17	10.9	55	0.51	0.28	1.44	0.10	22.17	9.3	15	0.46	23.5

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
465	Soil	0.010	0.08	0.95	10.3	63	0.44	0.32	1.82	0.23	17.16	10.0	13	0.40	18.8
466	Soil	0.013	0.05	1.15	15.3	64	0.45	0.26	1.49	0.12	24.28	10.2	15	0.51	17.0
467	Soil	0.013	0.08	1.23	9.6	57	0.35	0.31	0.71	0.07	20.11	7.3	15	0.43	18.3
468	Soil	0.013	0.05	1.40	11.1	62	0.37	0.29	0.05	0.03	30.05	7.6	18	0.72	6.2
469	Soil	0.014	0.02	1.79	13.6	109	0.59	0.26	0.07	0.04	35.40	8.4	18	0.64	7.3
470	Soil	0.009	0.04	0.98	7.8	44	0.25	0.27	0.08	0.09	28.36	4.7	13	0.42	3.7
471	Soil	0.016	0.02	1.40	13.4	83	0.62	0.24	0.17	0.03	30.06	7.9	18	0.67	8.2
472	Soil	0.007	0.03	1.48	16.7	101	0.42	0.26	0.14	0.02	37.97	8.0	19	0.52	10.0
473	Soil	0.009	0.09	1.01	19.0	44	0.44	0.44	0.81	0.10	27.95	12.6	14	2.96	30.3
474	Soil	0.014	0.01	1.64	14.9	96	0.53	0.26	0.11	0.04	51.76	8.6	19	0.58	16.3
475	Soil	0.014	0.06	1.50	19.6	44	0.63	0.43	0.15	0.10	31.71	15.2	16	0.63	13.8
476	Soil	0.022	0.10	1.31	13.1	77	0.57	0.28	0.49	0.09	25.34	8.8	18	0.39	13.9
477	Soil	0.014	0.04	0.81	8.4	46	0.15	0.19	0.30	0.04	17.03	2.8	10	0.39	4.1
478	Soil	0.008	0.02	1.34	15.8	52	0.54	0.27	0.10	0.04	27.70	8.3	16	0.45	15.3
548	Soil	0.014	0.11	1.02	69.1	35	0.41	0.39	0.47	0.26	19.49	12.2	17	0.55	22.2
549	Soil	0.017	0.10	0.96	62.9	36	0.35	0.38	0.51	0.27	18.20	12.0	17	0.57	21.1
550	Soil	0.023	0.26	1.28	30.0	42	0.63	0.42	0.59	0.16	16.10	16.8	17	1.17	41.1
551	Soil	0.015	0.14	1.29	7.8	42	0.79	0.39	0.69	0.09	21.95	13.8	16	0.53	32.0
552	Soil	0.016	0.15	1.10	26.1	40	0.63	0.37	0.98	0.28	14.09	18.7	17	1.16	40.4
553	Soil	0.019	0.18	1.17	24.7	35	0.55	0.38	0.68	0.14	16.12	14.8	19	1.97	38.4
554	Soil	0.016	0.11	1.19	27.4	28	0.55	0.42	0.46	0.12	19.82	16.5	17	0.67	35.9
555	Soil	0.016	0.08	1.30	28.6	48	0.45	0.40	5.04	0.10	17.22	16.9	20	0.66	30.1
556	Soil	0.017	0.08	0.91	25.2	29	0.26	0.33	6.44	0.08	11.22	14.0	15	0.33	23.8
557	Soil	0.020	0.12	0.83	22.6	24	0.27	0.34	6.40	0.07	10.53	14.3	14	0.28	23.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
230	Soil	3.52	3.59	<0.05	0.06	0.02	0.03	12.9	32.7	0.66	1177	0.40	<0.01	0.10	87.9
231	Soil	2.14	2.50	<0.05	0.21	0.03	0.06	5.8	20.3	0.47	376	0.48	0.02	0.17	27.8
232	Soil	3.22	4.08	<0.05	0.11	0.02	0.03	12.0	35.9	0.70	884	0.33	<0.01	0.14	72.0
233	Soil	3.61	4.61	<0.05	0.09	0.02	0.02	9.4	39.7	0.85	922	0.26	<0.01	0.14	60.2
234	Soil	3.56	4.38	<0.05	0.07	0.03	0.02	12.9	37.8	0.76	686	0.26	<0.01	0.08	67.7
235	Soil	3.47	4.42	<0.05	0.07	0.02	0.02	10.1	39.5	0.81	804	0.12	<0.01	0.09	64.1
236	Soil	3.37	4.11	<0.05	0.08	0.03	0.02	12.2	37.6	0.79	929	0.27	<0.01	0.08	72.9
237	Soil	3.12	4.41	<0.05	0.07	0.02	0.03	11.0	38.9	0.79	605	0.07	<0.01	0.09	53.8
238	Soil	3.53	4.43	<0.05	0.07	0.03	0.02	9.9	40.9	0.82	713	0.14	<0.01	0.09	54.7
239	Soil	3.39	4.28	<0.05	0.07	0.03	0.01	7.7	37.9	0.76	582	0.14	<0.01	0.08	43.4
240	Soil	3.25	4.36	<0.05	0.06	0.02	0.02	8.9	38.1	0.77	481	0.15	<0.01	0.07	38.7
241	Soil	3.40	4.39	<0.05	0.07	0.03	0.02	8.8	38.5	0.79	554	0.16	<0.01	0.09	40.6
242	Soil	2.64	2.27	<0.05	0.06	0.02	0.02	9.9	18.2	0.42	550	<0.05	<0.01	0.12	26.5
243	Soil	2.61	2.30	<0.05	0.06	0.03	0.03	9.5	17.9	0.42	439	<0.05	<0.01	0.12	26.9
244	Soil	3.00	2.71	<0.05	0.08	0.03	0.03	10.0	20.5	0.50	317	0.06	<0.01	0.14	29.0
245	Soil	2.79	2.67	<0.05	0.06	0.02	0.02	10.1	21.6	0.48	404	0.10	<0.01	0.11	28.5
246	Soil	2.82	2.81	<0.05	0.06	0.03	0.02	10.5	23.3	0.50	525	0.08	<0.01	0.12	28.8
247	Soil	2.69	2.58	<0.05	0.06	0.02	0.02	8.4	21.4	0.44	423	<0.05	<0.01	0.10	26.6
248	Soil	2.81	2.72	<0.05	0.06	0.03	0.02	9.4	22.0	0.49	435	<0.05	<0.01	0.12	27.4
249	Soil	2.90	3.15	<0.05	0.09	0.03	0.05	9.5	25.5	0.56	465	<0.05	<0.01	0.14	28.3
250	Soil	2.77	2.79	<0.05	0.07	0.02	0.02	9.4	22.7	0.52	416	<0.05	<0.01	0.11	28.1
302	Soil	2.71	2.41	<0.05	0.08	0.02	0.06	6.7	19.8	0.34	651	<0.05	0.01	0.10	25.4
303	Soil	2.54	2.43	<0.05	0.09	0.02	0.05	7.0	20.9	0.35	413	<0.05	<0.01	0.11	21.0
304	Soil	2.91	2.58	<0.05	0.09	0.03	0.05	9.2	22.4	0.38	574	<0.05	0.01	0.11	31.0
305	Soil	2.93	2.61	<0.05	0.09	0.03	0.04	9.5	23.9	0.40	614	0.11	<0.01	0.11	28.8
306	Soil	2.82	2.50	<0.05	0.08	0.03	0.04	8.5	22.5	0.38	398	<0.05	<0.01	0.11	28.2
307	Soil	2.60	2.62	<0.05	0.08	0.02	0.03	7.6	22.9	0.36	545	<0.05	<0.01	0.09	25.1
308	Soil	2.80	3.37	<0.05	0.10	0.02	0.03	6.8	32.9	0.49	509	<0.05	<0.01	0.13	24.5
309	Soil	2.70	2.51	<0.05	0.07	0.03	0.03	9.1	23.7	0.35	438	<0.05	<0.01	0.09	25.5
310	Soil	2.78	2.54	<0.05	0.08	0.03	0.03	8.4	22.7	0.38	452	<0.05	<0.01	0.10	25.9
311	Soil	2.36	3.01	<0.05	0.14	0.02	0.07	4.7	25.8	0.53	545	0.31	0.02	0.14	24.3
312	Soil	2.72	2.63	<0.05	0.08	0.03	0.04	9.8	23.6	0.41	527	<0.05	<0.01	0.10	27.3
313	Soil	2.59	2.63	<0.05	0.08	0.03	0.04	9.8	24.4	0.41	302	<0.05	<0.01	0.09	25.5
314	Soil	2.68	2.74	<0.05	0.07	0.02	0.04	11.6	25.4	0.41	473	<0.05	<0.01	0.09	25.5
315	Soil	2.91	2.98	<0.05	0.23	0.03	0.05	14.8	26.4	0.44	580	<0.05	<0.01	0.12	28.4
316	Soil	2.88	2.83	<0.05	0.11	0.03	0.05	16.7	26.0	0.43	490	<0.05	<0.01	0.12	28.6
317	Soil	2.70	2.86	<0.05	0.08	0.02	0.05	16.1	26.1	0.44	341	<0.05	<0.01	0.09	25.0
318	Soil	2.62	2.87	<0.05	0.08	0.02	0.05	15.3	25.8	0.42	338	<0.05	<0.01	0.11	25.6
319	Soil	2.80	2.99	<0.05	0.08	0.03	0.04	15.8	26.8	0.42	374	<0.05	<0.01	0.11	26.2
321	Soil	3.60	4.45	<0.05	0.09	0.02	0.02	13.2	41.4	0.60	396	0.08	<0.01	0.11	35.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
322	Soil	1.05	4.34	<0.05	<0.02	<0.01	0.02	16.5	2.4	0.04	51	0.11	<0.01	0.50	5.1
323	Soil	0.46	0.29	<0.05	0.02	<0.01	<0.01	6.8	0.9	0.01	77	<0.05	<0.01	<0.05	5.1
324	Soil	1.23	3.26	<0.05	<0.02	<0.01	0.02	10.5	0.8	0.02	75	0.38	0.01	0.38	5.9
325	Soil	3.17	6.11	<0.05	<0.02	0.02	0.02	20.6	2.1	0.04	80	1.38	<0.01	0.59	11.1
326	Soil	3.99	6.28	<0.05	<0.02	0.02	0.04	12.4	21.3	0.30	270	0.53	0.01	1.28	17.6
327	Soil	0.80	3.11	<0.05	<0.02	<0.01	0.02	9.1	1.1	0.02	59	<0.05	0.02	0.11	3.0
328	Soil	0.47	2.65	<0.05	<0.02	<0.01	0.02	11.4	1.3	0.02	63	<0.05	0.02	0.59	1.2
329	Soil	0.50	1.86	<0.05	<0.02	<0.01	0.02	2.8	1.3	0.02	27	<0.05	0.03	0.40	1.9
330	Soil	0.41	1.91	<0.05	<0.02	<0.01	0.02	1.3	0.8	0.02	190	<0.05	0.03	0.27	1.2
331	Soil	2.73	3.53	<0.05	0.03	0.02	0.03	21.2	31.9	0.37	245	<0.05	<0.01	0.16	23.5
332	Soil	2.21	3.47	<0.05	<0.02	0.01	0.04	19.8	14.4	0.19	160	<0.05	<0.01	0.32	14.6
333	Soil	3.02	3.80	<0.05	0.10	0.02	0.04	10.8	32.7	0.45	728	<0.05	<0.01	0.22	26.6
334	Soil	2.05	5.40	<0.05	<0.02	0.02	0.03	14.5	24.0	0.25	88	0.08	<0.01	0.70	11.3
335	Soil	3.36	2.92	<0.05	0.04	0.03	0.03	20.2	16.2	0.28	489	<0.05	<0.01	0.42	24.7
336	Soil	3.05	3.72	<0.05	<0.02	0.03	0.02	15.3	33.5	0.26	432	<0.05	<0.01	0.22	18.2
337	Soil	2.72	4.34	<0.05	0.02	0.02	0.04	18.6	36.0	0.36	209	<0.05	0.01	0.37	21.5
338	Soil	3.33	4.98	<0.05	0.02	0.02	0.04	20.9	37.4	0.43	210	<0.05	<0.01	0.47	21.3
339	Soil	3.16	4.38	<0.05	0.03	0.02	0.03	22.9	28.4	0.33	226	<0.05	<0.01	0.40	19.0
340	Soil	2.66	3.01	<0.05	0.04	0.03	0.03	11.7	22.3	0.30	507	<0.05	<0.01	0.59	20.4
341	Soil	2.73	3.68	<0.05	0.05	0.02	0.03	11.0	28.5	0.36	227	<0.05	<0.01	0.27	21.6
342	Soil	3.16	4.03	<0.05	0.05	0.03	0.04	13.4	36.4	0.39	408	0.06	<0.01	0.49	23.0
343	Soil	2.57	3.60	<0.05	0.03	0.02	0.03	17.3	29.9	0.35	206	<0.05	<0.01	0.48	18.1
344	Soil	3.11	4.18	<0.05	0.04	0.03	0.04	16.2	36.1	0.40	454	<0.05	0.01	0.92	24.2
345	Soil	2.64	3.04	<0.05	0.04	0.02	0.03	18.4	24.3	0.24	263	<0.05	<0.01	0.29	18.6
346	Soil	3.84	3.63	<0.05	0.05	0.04	0.03	25.4	44.9	0.38	451	0.22	<0.01	0.22	31.4
347	Soil	3.23	2.91	<0.05	0.07	0.03	0.02	17.4	35.5	0.44	346	0.09	<0.01	0.18	32.2
371	Soil	2.57	3.36	<0.05	0.20	0.03	0.05	6.9	29.1	0.36	481	0.37	0.02	0.36	27.3
372	Soil	1.91	3.06	<0.05	0.11	0.01	0.03	5.3	23.6	0.32	399	<0.05	0.02	0.49	17.4
373	Soil	1.98	3.15	<0.05	0.35	0.02	0.03	3.4	22.0	0.31	155	0.07	0.02	0.34	16.9
374	Soil	2.99	3.39	<0.05	0.05	0.02	0.02	11.8	16.6	0.23	192	0.10	<0.01	0.35	19.2
375	Soil	2.94	3.87	<0.05	0.04	0.02	0.03	12.1	19.4	0.24	201	0.10	<0.01	0.54	15.8
376	Soil	1.88	4.16	<0.05	0.03	0.01	0.01	16.8	2.1	0.03	115	0.09	<0.01	0.37	8.8
377	Soil	0.25	1.44	<0.05	0.02	<0.01	0.02	0.9	0.8	0.01	21	<0.05	0.03	0.26	1.5
378	Soil	0.31	1.72	<0.05	0.03	<0.01	0.03	2.5	1.7	0.02	38	<0.05	0.03	0.38	2.3
379	Soil	0.51	1.68	<0.05	<0.02	<0.01	0.03	3.6	0.6	0.01	91	<0.05	0.02	0.25	3.5
380	Soil	0.83	2.35	<0.05	<0.02	<0.01	0.03	5.2	1.7	0.03	153	0.27	0.02	0.35	6.3
381	Soil	0.35	0.53	<0.05	<0.02	<0.01	0.03	1.6	0.4	0.02	24	<0.05	0.03	<0.05	3.7
382	Soil	0.73	1.94	<0.05	0.03	0.02	0.03	4.8	6.7	0.08	119	<0.05	0.02	0.35	9.0
383	Soil	0.59	1.59	<0.05	<0.02	<0.01	0.02	3.3	0.6	0.01	48	0.08	0.02	0.23	4.6
384	Soil	4.48	1.85	<0.05	0.04	0.05	0.02	14.6	15.3	0.18	289	<0.05	<0.01	0.21	32.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
385	Soil	2.67	2.90	<0.05	0.03	0.03	0.03	10.0	20.6	0.24	168	0.12	<0.01	0.42	21.9
386	Soil	1.76	2.84	<0.05	0.04	0.02	0.03	10.0	16.7	0.21	161	<0.05	0.02	0.46	12.9
387	Soil	3.12	4.82	<0.05	0.05	0.01	0.02	19.8	32.2	0.34	146	<0.05	<0.01	0.41	16.9
388	Soil	3.29	4.64	<0.05	0.04	0.02	0.03	20.2	38.3	0.43	195	<0.05	<0.01	0.23	23.6
389	Soil	1.04	2.56	<0.05	<0.02	<0.01	0.02	12.3	5.9	0.08	63	<0.05	0.02	0.17	6.9
390	Soil	3.08	2.86	<0.05	0.04	0.03	0.03	11.3	14.6	0.17	468	0.10	<0.01	0.43	24.0
391	Soil	3.15	3.52	<0.05	0.09	0.02	0.05	12.1	31.4	0.38	277	<0.05	<0.01	0.21	29.2
392	Soil	2.95	3.67	<0.05	0.07	0.02	0.05	9.2	28.5	0.38	331	<0.05	<0.01	0.24	26.3
393	Soil	1.73	2.49	<0.05	<0.02	0.02	0.03	9.1	7.9	0.10	264	<0.05	0.01	0.49	8.7
394	Soil	2.79	2.93	<0.05	0.06	0.03	0.02	8.2	27.0	0.32	904	<0.05	<0.01	0.31	25.5
395	Soil	1.19	2.50	<0.05	<0.02	<0.01	0.02	6.3	14.1	0.16	161	<0.05	0.02	0.40	7.8
396	Soil	2.78	4.18	<0.05	<0.02	0.02	0.03	10.5	26.0	0.23	470	0.16	0.01	0.56	14.6
397	Soil	2.45	3.73	<0.05	0.02	0.02	0.02	11.3	26.8	0.29	161	<0.05	<0.01	0.42	16.2
398	Soil	1.96	1.72	<0.05	0.04	0.02	0.02	8.6	17.6	0.19	302	<0.05	0.01	0.17	18.2
399	Soil	2.90	3.31	<0.05	0.07	0.02	0.04	12.8	31.3	0.36	306	0.07	<0.01	0.29	27.7
400	Soil	2.84	3.27	<0.05	0.11	0.02	0.05	12.4	30.5	0.34	469	<0.05	<0.01	0.33	27.1
401	Soil	2.12	2.53	<0.05	0.08	0.02	0.04	8.2	20.6	0.24	439	<0.05	0.02	0.28	18.9
402	Soil	1.67	2.42	<0.05	0.06	0.02	0.02	5.4	20.3	0.23	272	<0.05	0.02	0.67	12.0
403	Soil	1.35	2.27	<0.05	0.06	0.01	0.02	5.3	15.0	0.17	304	<0.05	0.02	0.67	11.4
404	Soil	2.92	3.51	<0.05	0.13	0.03	0.04	11.3	29.1	0.42	758	<0.05	<0.01	0.56	30.7
405	Soil	3.27	3.08	<0.05	0.08	0.03	0.03	10.5	34.2	0.38	702	<0.05	<0.01	0.25	23.8
406	Soil	2.78	2.84	<0.05	0.07	0.03	0.03	9.9	32.8	0.41	626	<0.05	0.01	0.42	25.2
407	Soil	2.68	3.09	<0.05	0.27	0.02	0.06	14.3	31.8	0.40	441	<0.05	<0.01	0.25	26.7
408	Soil	2.26	2.82	<0.05	0.15	0.02	0.05	10.8	26.2	0.28	605	<0.05	0.01	0.36	19.5
409	Soil	2.20	2.95	<0.05	0.16	0.02	0.05	10.0	25.9	0.26	222	<0.05	0.01	0.42	19.1
410	Soil	2.57	3.06	<0.05	0.12	0.02	0.04	10.1	32.4	0.36	1437	<0.05	<0.01	0.30	23.2
411	Soil	3.42	4.60	<0.05	0.05	0.03	0.03	22.6	41.1	0.41	175	<0.05	<0.01	0.61	21.1
412	Soil	2.03	4.12	<0.05	0.04	0.01	0.02	18.5	28.1	0.27	132	<0.05	<0.01	0.40	12.9
413	Soil	3.41	3.67	<0.05	0.04	0.03	0.03	20.8	37.8	0.30	194	<0.05	<0.01	0.23	22.5
414	Soil	3.28	4.69	<0.05	0.07	0.02	0.07	18.7	41.9	0.44	201	<0.05	<0.01	0.33	24.5
415	Soil	2.35	3.89	<0.05	0.03	0.01	0.04	17.0	28.9	0.30	176	<0.05	<0.01	0.42	14.9
416	Soil	2.86	4.26	<0.05	0.04	0.02	0.08	22.6	37.4	0.42	231	0.07	<0.01	0.29	25.8
417	Soil	2.70	4.03	<0.05	0.05	0.02	0.08	21.0	35.6	0.39	218	<0.05	<0.01	0.41	22.6
418	Soil	2.28	3.84	<0.05	<0.02	0.01	0.04	14.2	22.3	0.23	585	0.08	<0.01	0.55	11.3
419	Soil	2.13	4.03	<0.05	0.02	0.01	0.04	19.8	28.3	0.29	158	<0.05	<0.01	0.28	13.8
420	Soil	2.28	3.90	<0.05	0.03	0.01	0.04	16.4	33.8	0.37	182	<0.05	<0.01	0.38	18.4
421	Soil	2.09	3.78	<0.05	0.03	0.01	0.03	17.3	32.8	0.33	132	<0.05	<0.01	0.43	15.1
422	Soil	2.65	4.20	<0.05	0.05	0.02	0.04	19.0	37.8	0.40	162	<0.05	<0.01	0.30	21.3
423	Soil	2.74	5.20	<0.05	<0.02	0.01	0.02	14.3	16.5	0.21	309	0.32	<0.01	1.14	9.5
424	Soil	1.19	2.19	<0.05	0.06	<0.01	0.04	8.8	14.1	0.16	339	<0.05	0.03	0.42	9.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 6-11

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
425	Soil	2.43	3.50	<0.05	0.09	0.02	0.04	15.3	40.0	0.50	224	<0.05	<0.01	0.61	22.4
426	Soil	1.74	2.02	<0.05	0.15	0.03	0.03	5.2	10.6	0.15	292	<0.05	0.02	0.31	15.5
427	Soil	2.05	2.29	<0.05	0.17	0.03	0.03	4.9	13.4	0.27	287	0.07	0.01	0.32	18.7
428	Soil	2.14	2.16	<0.05	0.17	0.03	0.03	4.1	13.7	0.28	270	<0.05	0.01	0.26	16.5
429	Soil	0.67	1.69	<0.05	0.08	<0.01	0.03	2.5	5.3	0.17	143	<0.05	0.03	0.31	5.6
430	Soil	0.95	2.40	<0.05	0.04	<0.01	0.03	3.4	5.6	0.14	446	<0.05	0.03	0.52	6.8
431	Soil	2.10	3.11	<0.05	0.02	<0.01	0.02	8.5	16.1	0.22	127	<0.05	0.02	0.33	12.5
432	Soil	3.01	3.95	<0.05	0.04	0.02	0.02	12.5	28.1	0.36	207	<0.05	<0.01	0.31	20.9
433	Soil	2.49	4.13	<0.05	<0.02	0.01	0.03	20.2	17.4	0.23	166	0.12	<0.01	0.50	15.9
434	Soil	2.84	4.06	<0.05	0.04	0.02	0.04	20.6	28.7	0.38	203	<0.05	<0.01	0.22	23.7
435	Soil	0.44	1.50	<0.05	<0.02	<0.01	0.04	4.2	3.7	0.05	58	<0.05	0.03	0.19	5.8
436	Soil	2.01	2.17	<0.05	<0.02	0.01	0.03	11.4	7.5	0.10	107	0.05	<0.01	0.21	11.6
437	Soil	1.85	3.26	<0.05	0.04	0.01	0.06	11.2	18.9	0.27	127	<0.05	0.02	0.25	16.3
438	Soil	2.49	4.12	<0.05	<0.02	0.01	0.05	16.1	22.8	0.29	227	0.06	<0.01	0.76	15.1
439	Soil	2.07	0.82	<0.05	0.06	0.03	0.03	14.4	4.7	0.07	454	<0.05	<0.01	0.10	20.3
440	Soil	3.43	3.71	<0.05	0.05	0.04	0.02	19.6	30.7	0.26	286	<0.05	<0.01	0.29	25.0
441	Soil	3.73	3.19	<0.05	0.29	0.04	0.03	11.9	17.6	0.18	241	<0.05	<0.01	0.46	27.4
442	Soil	3.16	1.02	<0.05	0.07	0.03	0.02	10.2	3.7	0.07	214	<0.05	<0.01	0.10	33.1
443	Soil	2.04	3.10	<0.05	0.06	0.02	0.02	8.4	8.7	0.12	145	<0.05	<0.01	0.45	11.4
444	Soil	2.36	4.09	<0.05	0.04	0.02	0.02	10.2	28.1	0.36	191	<0.05	<0.01	0.69	15.9
445	Soil	2.72	3.83	<0.05	0.04	0.02	0.04	15.8	20.9	0.24	165	0.05	<0.01	0.22	20.2
446	Soil	1.74	3.81	<0.05	0.02	0.01	0.03	15.0	15.0	0.17	109	<0.05	<0.01	0.37	12.6
447	Soil	3.28	4.19	<0.05	0.09	0.03	0.05	16.8	41.0	0.43	375	<0.05	<0.01	0.33	33.6
448	Soil	0.88	2.42	<0.05	<0.02	<0.01	0.03	9.2	8.4	0.09	66	<0.05	0.02	0.39	5.3
449	Soil	3.30	5.33	<0.05	0.04	0.03	0.03	16.8	43.9	0.36	319	<0.05	<0.01	0.74	16.6
450	Soil	2.74	3.76	<0.05	0.03	0.02	0.03	15.2	31.3	0.32	204	<0.05	<0.01	0.32	16.5
451	Soil	2.86	4.31	<0.05	<0.02	0.02	0.03	13.4	20.9	0.22	209	0.07	<0.01	0.88	13.2
452	Soil	3.58	3.73	<0.05	0.06	0.04	0.02	20.4	61.8	0.49	243	<0.05	<0.01	0.11	36.3
453	Soil	3.40	3.57	<0.05	0.05	0.03	0.02	17.3	41.8	0.38	271	0.11	<0.01	0.25	28.6
454	Soil	3.70	2.51	<0.05	0.07	0.05	0.03	10.7	20.5	0.23	704	0.23	<0.01	0.35	21.6
455	Soil	3.24	3.59	<0.05	0.05	0.03	0.03	16.6	43.8	0.42	537	0.23	<0.01	0.24	30.8
456	Soil	2.63	2.98	<0.05	0.03	0.03	0.03	12.5	22.1	0.21	173	<0.05	<0.01	0.29	19.8
457	Soil	2.85	3.03	<0.05	0.11	0.03	0.06	11.6	22.7	0.33	687	0.14	<0.01	0.43	22.5
458	Soil	2.84	2.53	<0.05	0.10	0.03	0.03	9.8	31.3	0.31	408	<0.05	0.01	0.45	27.6
459	Soil	2.82	2.81	<0.05	0.07	0.03	0.03	10.3	27.8	0.27	695	<0.05	0.01	0.38	28.7
460	Soil	2.87	3.32	<0.05	0.08	0.02	0.05	13.2	34.4	0.38	509	<0.05	<0.01	0.22	27.1
461	Soil	2.80	3.15	<0.05	0.09	0.02	0.05	11.5	31.9	0.37	469	<0.05	<0.01	0.30	26.3
462	Soil	3.11	3.44	<0.05	0.08	0.02	0.05	15.3	38.2	0.37	390	<0.05	<0.01	0.29	25.6
463	Soil	2.83	3.37	<0.05	0.09	0.02	0.05	12.2	36.9	0.41	413	<0.05	<0.01	0.30	26.6
464	Soil	2.55	3.26	<0.05	0.09	0.02	0.07	11.0	32.5	0.37	408	<0.05	<0.01	0.35	22.9

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
465	Soil	2.38	2.64	<0.05	0.08	0.02	0.04	8.1	25.0	0.29	811	<0.05	0.01	0.44	19.6
466	Soil	3.05	3.31	<0.05	0.09	0.02	0.04	12.0	33.8	0.40	628	<0.05	0.02	0.74	23.1
467	Soil	2.70	3.44	<0.05	0.07	0.03	0.02	10.0	41.0	0.39	270	<0.05	0.01	0.34	24.5
468	Soil	3.18	4.56	<0.05	0.05	0.02	0.03	14.7	40.1	0.44	221	0.11	<0.01	0.71	18.3
469	Soil	3.34	4.50	<0.05	0.07	0.02	0.05	17.1	42.9	0.36	219	<0.05	<0.01	0.41	21.8
470	Soil	2.44	4.47	<0.05	0.02	0.01	0.02	14.0	24.2	0.23	128	<0.05	<0.01	0.69	11.5
471	Soil	2.76	3.93	<0.05	0.05	0.02	0.04	14.0	31.2	0.40	241	<0.05	<0.01	0.66	21.7
472	Soil	2.81	4.49	<0.05	0.05	0.02	0.06	19.0	37.9	0.44	251	<0.05	<0.01	0.42	22.2
473	Soil	3.17	2.97	<0.05	0.08	0.03	0.04	14.0	34.8	0.36	500	<0.05	<0.01	0.33	29.6
474	Soil	2.88	4.50	<0.05	0.07	0.02	0.08	25.7	40.7	0.43	232	<0.05	<0.01	0.31	24.8
475	Soil	4.32	3.81	<0.05	0.27	0.05	0.02	11.7	42.3	0.33	567	<0.05	<0.01	0.35	24.7
476	Soil	2.75	4.09	<0.05	0.10	0.02	0.03	12.8	36.8	0.47	349	<0.05	<0.01	0.54	24.5
477	Soil	1.41	3.56	<0.05	0.04	<0.01	0.02	8.4	21.2	0.25	110	<0.05	0.01	0.43	8.9
478	Soil	2.90	3.77	<0.05	0.07	0.03	0.04	12.4	37.2	0.41	190	<0.05	<0.01	0.34	24.9
548	Soil	2.82	3.05	<0.05	0.09	0.02	0.02	9.4	28.1	0.54	385	<0.05	<0.01	0.15	28.2
549	Soil	2.85	2.92	<0.05	0.08	0.03	0.02	9.1	26.6	0.53	444	<0.05	<0.01	0.12	28.7
550	Soil	3.18	3.47	<0.05	0.18	0.03	0.04	8.1	39.6	0.50	391	<0.05	0.01	0.20	31.4
551	Soil	3.38	3.61	<0.05	0.25	0.03	0.04	10.9	35.5	0.50	347	<0.05	<0.01	0.47	31.7
552	Soil	2.88	3.17	<0.05	0.15	0.02	0.05	6.4	36.9	0.50	720	0.19	0.01	0.20	30.2
553	Soil	3.23	3.43	<0.05	0.14	0.03	0.03	8.3	40.0	0.52	333	0.08	0.01	0.15	32.7
554	Soil	3.37	3.51	<0.05	0.13	0.02	0.03	9.5	42.4	0.53	378	<0.05	<0.01	0.15	34.5
555	Soil	3.18	4.43	<0.05	0.32	0.02	0.06	8.7	34.7	0.63	538	<0.05	<0.01	0.10	31.8
556	Soil	2.61	3.09	<0.05	0.13	0.02	0.03	5.8	27.6	0.50	450	<0.05	<0.01	0.15	25.9
557	Soil	2.46	2.83	<0.05	0.13	0.02	0.02	5.3	25.1	0.49	471	<0.05	<0.01	0.19	24.4

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
230	Soil	717	25.6	2.2	<0.01	0.04	1.46	1.4	1.1	<0.2	13.3	<0.01	0.05	3.9	<0.005
231	Soil	876	53.8	6.6	<0.01	0.14	1.53	1.6	1.9	0.2	37.1	<0.01	0.04	3.5	<0.005
232	Soil	892	29.6	3.3	<0.01	0.06	1.25	1.6	1.3	<0.2	20.1	<0.01	0.05	3.5	<0.005
233	Soil	672	22.7	2.2	<0.01	0.03	1.02	1.6	0.7	<0.2	13.3	<0.01	0.04	3.7	<0.005
234	Soil	683	33.4	3.5	<0.01	0.05	1.22	1.8	0.9	<0.2	14.3	<0.01	0.03	4.5	<0.005
235	Soil	765	31.8	3.2	<0.01	0.06	0.93	1.6	0.6	<0.2	16.4	<0.01	0.04	3.9	<0.005
236	Soil	759	37.9	2.4	<0.01	0.05	1.15	1.8	1.4	<0.2	16.7	<0.01	0.04	4.1	<0.005
237	Soil	705	27.9	3.2	<0.01	0.05	0.82	1.6	1.4	<0.2	18.0	<0.01	0.01	4.1	<0.005
238	Soil	654	29.9	2.5	<0.01	0.03	0.93	1.8	0.9	<0.2	21.3	<0.01	0.01	5.0	<0.005
239	Soil	564	30.6	1.7	<0.01	0.03	0.94	1.6	0.6	<0.2	20.8	<0.01	<0.01	4.7	<0.005
240	Soil	664	20.7	1.6	<0.01	0.03	0.73	1.5	0.5	<0.2	18.5	<0.01	<0.01	4.7	<0.005
241	Soil	624	25.1	2.0	<0.01	0.03	0.81	1.7	0.8	<0.2	21.9	<0.01	<0.01	5.1	<0.005
242	Soil	577	22.4	2.6	<0.01	0.05	1.61	1.6	0.8	<0.2	32.7	<0.01	<0.01	5.2	<0.005
243	Soil	573	23.5	2.7	<0.01	0.04	1.65	1.6	0.7	<0.2	31.4	<0.01	<0.01	4.8	<0.005
244	Soil	658	26.5	2.9	<0.01	0.06	1.63	1.9	0.9	<0.2	38.9	<0.01	<0.01	5.3	<0.005
245	Soil	551	23.6	2.5	<0.01	0.04	1.51	1.7	0.7	<0.2	36.0	<0.01	<0.01	5.7	<0.005
246	Soil	557	24.2	2.4	<0.01	0.04	1.58	1.8	0.9	<0.2	36.1	<0.01	<0.01	5.6	<0.005
247	Soil	541	21.6	2.1	<0.01	0.03	1.49	1.6	0.7	<0.2	26.7	<0.01	<0.01	4.4	<0.005
248	Soil	592	24.0	2.5	<0.01	0.04	1.49	1.7	0.9	<0.2	33.1	<0.01	<0.01	4.9	<0.005
249	Soil	618	24.9	2.8	<0.01	0.06	1.40	1.7	0.9	<0.2	45.2	<0.01	<0.01	4.7	<0.005
250	Soil	564	20.8	2.3	<0.01	0.03	4.81	1.6	0.7	<0.2	28.1	<0.01	<0.01	5.4	<0.005
302	Soil	636	36.3	3.8	<0.01	0.07	1.73	1.3	0.7	<0.2	56.8	<0.01	<0.01	4.0	<0.005
303	Soil	669	31.5	3.6	<0.01	0.08	1.28	1.3	2.0	<0.2	70.5	<0.01	<0.01	3.8	<0.005
304	Soil	656	50.6	3.5	<0.01	0.08	1.60	1.7	1.1	<0.2	50.4	<0.01	<0.01	6.0	<0.005
305	Soil	588	43.3	3.0	<0.01	0.07	1.40	1.6	1.2	<0.2	51.7	<0.01	<0.01	6.1	<0.005
306	Soil	555	39.0	3.0	<0.01	0.06	1.23	1.5	0.8	<0.2	45.9	<0.01	<0.01	5.2	<0.005
307	Soil	511	37.3	2.7	<0.01	0.05	1.21	1.3	1.1	<0.2	42.7	<0.01	<0.01	4.7	<0.005
308	Soil	542	26.7	2.5	<0.01	0.06	0.77	1.5	1.4	<0.2	51.4	<0.01	<0.01	3.5	<0.005
309	Soil	517	37.8	2.8	<0.01	0.05	1.32	1.4	0.7	<0.2	38.3	<0.01	<0.01	5.5	<0.005
310	Soil	521	34.4	2.5	<0.01	0.05	1.11	1.4	0.9	<0.2	40.0	<0.01	<0.01	5.3	<0.005
311	Soil	624	39.3	4.4	<0.01	0.14	0.30	1.8	1.4	<0.2	91.7	<0.01	<0.01	3.5	<0.005
312	Soil	538	38.2	3.2	<0.01	0.06	1.13	1.6	0.9	<0.2	46.1	<0.01	<0.01	6.3	<0.005
313	Soil	531	35.3	3.2	<0.01	0.06	1.03	1.5	0.7	<0.2	38.5	<0.01	<0.01	6.4	<0.005
314	Soil	525	32.2	3.3	<0.01	0.05	1.02	1.5	0.8	<0.2	40.5	<0.01	<0.01	6.4	<0.005
315	Soil	588	38.7	4.2	<0.01	0.06	1.21	1.9	0.6	<0.2	47.7	<0.01	<0.01	7.5	<0.005
316	Soil	559	38.9	4.3	<0.01	0.05	1.13	1.9	0.8	<0.2	49.7	<0.01	<0.01	8.7	<0.005
317	Soil	484	32.4	3.5	<0.01	0.04	0.92	1.6	0.5	<0.2	37.5	<0.01	<0.01	8.1	<0.005
318	Soil	518	33.0	4.0	<0.01	0.05	0.96	1.6	0.6	<0.2	39.9	<0.01	<0.01	7.5	<0.005
319	Soil	523	35.8	3.7	<0.01	0.05	1.08	1.8	0.7	<0.2	42.9	<0.01	<0.01	7.8	<0.005
321	Soil	376	27.7	2.5	<0.01	0.02	1.07	1.8	0.5	<0.2	9.5	<0.01	0.04	7.3	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
322	Soil	137	5.9	2.4	<0.01	<0.01	0.40	0.4	<0.2	0.4	4.3	<0.01	0.02	3.4	0.007
323	Soil	86	19.4	1.2	<0.01	<0.01	0.32	0.3	0.2	<0.2	3.5	<0.01	<0.01	4.3	<0.005
324	Soil	382	20.4	4.1	<0.01	0.01	0.36	0.2	0.2	0.5	3.4	<0.01	<0.01	0.5	<0.005
325	Soil	430	14.5	2.7	<0.01	<0.01	1.61	0.7	0.4	0.5	5.9	<0.01	0.13	4.4	<0.005
326	Soil	661	15.8	7.0	<0.01	0.02	0.94	1.0	0.3	0.4	6.8	<0.01	0.04	3.4	0.012
327	Soil	318	3.8	1.8	<0.01	<0.01	0.13	0.1	<0.2	0.4	2.8	<0.01	<0.01	<0.2	0.005
328	Soil	113	5.1	2.0	<0.01	<0.01	<0.05	0.3	<0.2	0.3	3.7	<0.01	<0.01	1.8	0.008
329	Soil	132	3.8	1.4	<0.01	<0.01	<0.05	0.3	<0.2	<0.2	4.7	<0.01	<0.01	0.5	0.010
330	Soil	246	3.8	2.0	<0.01	0.01	<0.05	0.2	<0.2	<0.2	4.8	<0.01	<0.01	<0.2	0.017
331	Soil	194	17.7	4.7	<0.01	<0.01	0.50	1.2	0.3	<0.2	7.1	<0.01	<0.01	6.3	<0.005
332	Soil	266	13.6	6.9	<0.01	<0.01	0.46	0.8	0.3	0.2	7.1	<0.01	<0.01	4.6	<0.005
333	Soil	748	23.1	4.8	<0.01	0.03	0.49	1.8	0.7	<0.2	28.8	<0.01	<0.01	4.9	<0.005
334	Soil	165	10.6	4.3	<0.01	0.01	0.16	0.8	<0.2	0.5	17.7	<0.01	<0.01	4.7	<0.005
335	Soil	345	23.5	6.4	<0.01	0.02	0.60	4.0	0.6	0.3	50.4	<0.01	<0.01	7.5	<0.005
336	Soil	245	20.2	7.6	<0.01	0.01	0.08	1.4	0.2	0.3	31.7	<0.01	<0.01	8.6	<0.005
337	Soil	246	15.4	6.4	<0.01	0.01	0.22	1.2	<0.2	0.3	26.8	<0.01	<0.01	5.7	<0.005
338	Soil	216	14.7	5.0	<0.01	0.01	0.41	1.1	0.2	0.3	14.2	<0.01	<0.01	6.6	<0.005
339	Soil	198	15.6	5.4	<0.01	<0.01	0.42	1.1	<0.2	0.2	11.7	<0.01	<0.01	8.4	<0.005
340	Soil	480	15.8	4.6	<0.01	0.03	0.35	1.8	0.4	0.2	39.8	<0.01	<0.01	3.3	0.009
341	Soil	250	15.1	3.9	<0.01	0.02	0.41	1.2	0.3	<0.2	42.3	<0.01	<0.01	4.8	<0.005
342	Soil	282	21.1	6.0	<0.01	0.02	0.44	1.4	0.3	0.2	35.5	<0.01	<0.01	5.8	<0.005
343	Soil	154	13.5	5.5	<0.01	0.01	0.52	1.2	0.3	0.2	32.1	<0.01	<0.01	6.6	<0.005
344	Soil	282	18.9	8.3	<0.01	0.02	0.53	2.4	0.3	0.4	41.9	<0.01	<0.01	6.0	0.010
345	Soil	264	17.3	4.7	<0.01	0.02	0.29	1.9	0.4	0.2	62.6	<0.01	<0.01	6.5	<0.005
346	Soil	405	27.8	5.7	<0.01	0.02	0.86	2.9	0.5	<0.2	37.0	<0.01	<0.01	9.8	<0.005
347	Soil	432	27.0	2.4	<0.01	0.03	0.50	3.1	0.4	<0.2	244.0	<0.01	<0.01	9.7	<0.005
371	Soil	870	23.4	4.6	<0.01	0.10	0.74	1.6	1.3	<0.2	40.7	<0.01	<0.01	3.4	0.006
372	Soil	594	13.2	2.9	<0.01	0.08	0.26	0.8	1.1	<0.2	37.3	0.01	<0.01	1.5	0.009
373	Soil	687	13.9	2.8	<0.01	0.11	0.27	1.0	1.2	<0.2	31.0	0.01	<0.01	2.5	0.006
374	Soil	319	18.0	4.0	<0.01	<0.01	0.54	0.8	0.3	0.2	2.7	<0.01	0.01	4.4	<0.005
375	Soil	243	16.8	6.7	<0.01	<0.01	0.66	0.8	0.4	0.3	3.5	<0.01	0.01	4.0	<0.005
376	Soil	325	11.0	2.1	<0.01	<0.01	0.48	0.6	0.2	0.4	2.4	<0.01	<0.01	3.0	<0.005
377	Soil	139	1.8	1.2	<0.01	0.01	<0.05	0.1	<0.2	<0.2	5.2	<0.01	<0.01	<0.2	0.010
378	Soil	170	6.0	2.5	<0.01	0.01	<0.05	0.3	0.3	<0.2	5.3	<0.01	<0.01	0.5	0.009
379	Soil	176	2.7	2.8	<0.01	<0.01	<0.05	0.2	<0.2	<0.2	3.5	<0.01	<0.01	0.3	0.010
380	Soil	332	11.1	3.5	<0.01	0.02	0.10	0.2	<0.2	0.3	8.1	<0.01	<0.01	0.3	0.006
381	Soil	308	5.3	0.9	<0.01	0.02	0.15	<0.1	<0.2	<0.2	7.2	<0.01	<0.01	<0.2	<0.005
382	Soil	409	68.7	4.2	<0.01	0.03	0.11	0.4	0.4	<0.2	26.1	<0.01	<0.01	0.3	0.006
383	Soil	176	2.7	1.8	<0.01	<0.01	0.22	0.3	<0.2	0.3	10.8	<0.01	<0.01	0.3	0.006
384	Soil	398	31.2	5.8	<0.01	0.01	0.15	3.4	0.4	<0.2	29.9	<0.01	<0.01	12.8	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
385	Soil	198	19.2	5.6	<0.01	0.01	0.44	1.3	0.2	0.2	14.9	<0.01	0.02	5.3	<0.005
386	Soil	351	12.1	3.2	<0.01	0.03	0.13	1.1	0.5	<0.2	44.3	<0.01	<0.01	1.9	0.006
387	Soil	127	13.9	3.4	<0.01	<0.01	0.30	0.9	0.2	0.3	8.6	<0.01	<0.01	7.0	<0.005
388	Soil	152	15.0	4.4	<0.01	<0.01	0.51	1.1	0.2	<0.2	9.4	<0.01	<0.01	7.4	<0.005
389	Soil	168	5.5	2.3	<0.01	<0.01	0.16	0.4	<0.2	<0.2	7.4	<0.01	<0.01	2.7	<0.005
390	Soil	393	25.6	5.3	<0.01	0.02	0.70	1.7	0.4	0.2	30.7	<0.01	<0.01	4.3	<0.005
391	Soil	346	22.0	4.1	<0.01	0.02	0.71	2.0	0.3	<0.2	49.2	<0.01	<0.01	7.4	<0.005
392	Soil	450	19.6	4.2	<0.01	0.02	0.59	1.6	<0.2	<0.2	36.9	<0.01	<0.01	5.7	<0.005
393	Soil	273	15.2	5.4	<0.01	0.02	0.47	0.6	0.2	0.3	23.7	<0.01	<0.01	1.3	0.006
394	Soil	549	19.8	3.3	<0.01	0.04	0.43	1.8	0.3	<0.2	72.1	<0.01	<0.01	3.4	0.005
395	Soil	205	7.6	3.3	<0.01	0.02	0.10	0.4	<0.2	<0.2	26.5	<0.01	<0.01	1.1	0.006
396	Soil	545	13.6	6.3	<0.01	0.03	0.26	1.1	0.2	0.2	35.3	<0.01	<0.01	2.6	0.006
397	Soil	334	15.6	3.7	<0.01	0.02	0.26	1.1	0.4	0.2	41.6	<0.01	<0.01	3.9	<0.005
398	Soil	316	14.7	1.9	<0.01	0.01	0.41	1.8	<0.2	<0.2	22.4	<0.01	<0.01	4.1	<0.005
399	Soil	303	19.3	3.7	<0.01	0.02	0.60	2.4	0.4	<0.2	43.5	<0.01	<0.01	7.1	<0.005
400	Soil	418	21.6	4.4	<0.01	0.03	0.65	2.4	0.5	<0.2	60.4	<0.01	<0.01	6.2	<0.005
401	Soil	430	15.2	3.6	<0.01	0.04	0.55	1.7	0.6	<0.2	70.1	<0.01	<0.01	3.6	<0.005
402	Soil	365	9.8	2.7	<0.01	0.04	0.25	1.1	0.3	0.2	61.3	<0.01	<0.01	1.6	0.013
403	Soil	385	9.4	2.3	<0.01	0.06	0.17	1.0	0.4	0.2	106.8	0.01	<0.01	1.1	0.013
404	Soil	1253	20.1	3.5	<0.01	0.08	0.69	2.4	0.9	0.2	107.5	<0.01	<0.01	3.2	0.009
405	Soil	577	26.6	5.8	<0.01	0.03	0.76	2.4	0.4	<0.2	36.1	<0.01	<0.01	4.4	<0.005
406	Soil	599	20.9	4.9	<0.01	0.06	0.62	2.4	0.5	<0.2	132.8	<0.01	<0.01	3.1	0.008
407	Soil	527	21.1	4.5	<0.01	0.04	0.74	2.1	0.7	<0.2	151.8	<0.01	<0.01	7.6	<0.005
408	Soil	447	16.4	5.6	<0.01	0.06	0.54	1.7	0.7	<0.2	121.1	<0.01	<0.01	2.8	<0.005
409	Soil	349	15.4	4.5	<0.01	0.06	0.71	1.8	0.8	<0.2	71.9	<0.01	<0.01	4.3	<0.005
410	Soil	543	17.7	5.1	<0.01	0.07	0.92	2.0	1.0	<0.2	108.7	<0.01	<0.01	3.7	<0.005
411	Soil	190	15.6	6.7	<0.01	<0.01	0.38	1.4	<0.2	0.3	6.9	<0.01	<0.01	7.9	<0.005
412	Soil	112	11.9	4.5	<0.01	<0.01	0.16	0.8	<0.2	0.3	6.1	<0.01	<0.01	5.7	<0.005
413	Soil	181	17.8	5.8	<0.01	<0.01	0.29	1.6	<0.2	0.2	9.3	<0.01	<0.01	7.9	<0.005
414	Soil	156	18.2	7.5	<0.01	<0.01	0.47	1.4	0.3	0.3	6.0	<0.01	<0.01	7.5	<0.005
415	Soil	157	11.8	6.7	<0.01	<0.01	0.22	0.9	0.3	0.3	8.7	<0.01	<0.01	5.4	<0.005
416	Soil	181	14.1	8.5	<0.01	<0.01	0.41	1.6	<0.2	0.3	16.8	<0.01	<0.01	8.2	<0.005
417	Soil	186	14.8	6.3	<0.01	<0.01	0.28	1.4	<0.2	0.2	11.1	<0.01	<0.01	7.4	<0.005
418	Soil	353	17.6	10.3	<0.01	0.01	0.32	0.8	0.2	0.3	24.3	<0.01	<0.01	2.7	0.005
419	Soil	123	10.3	7.3	<0.01	<0.01	0.21	0.9	0.2	0.2	11.1	<0.01	<0.01	5.3	<0.005
420	Soil	154	11.6	7.0	<0.01	<0.01	0.25	1.1	<0.2	0.2	17.1	<0.01	<0.01	5.2	<0.005
421	Soil	100	9.6	5.9	<0.01	<0.01	0.20	1.1	0.2	0.2	10.6	<0.01	<0.01	5.4	<0.005
422	Soil	119	12.9	6.3	<0.01	<0.01	0.28	1.3	0.3	0.3	12.9	<0.01	<0.01	6.9	<0.005
423	Soil	201	12.6	5.0	<0.01	<0.01	0.32	0.7	0.3	0.5	4.6	<0.01	<0.01	4.2	0.007
424	Soil	200	8.4	3.4	<0.01	0.02	0.13	1.2	0.4	<0.2	55.0	<0.01	<0.01	2.3	0.009

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
425	Soil	471	14.6	4.6	<0.01	0.03	0.23	1.9	0.5	<0.2	134.6	<0.01	<0.01	7.8	0.007
426	Soil	599	57.5	3.8	<0.01	0.07	0.75	1.3	1.0	0.3	46.7	<0.01	<0.01	3.1	<0.005
427	Soil	722	61.6	3.9	<0.01	0.11	1.01	1.4	1.2	0.2	69.7	<0.01	0.02	3.3	<0.005
428	Soil	754	69.2	4.6	<0.01	0.11	0.98	1.2	1.0	<0.2	70.2	<0.01	<0.01	3.4	<0.005
429	Soil	592	7.7	1.6	<0.01	0.08	0.10	0.4	0.6	<0.2	48.6	<0.01	<0.01	0.5	0.009
430	Soil	444	10.7	2.3	<0.01	0.06	0.22	0.5	0.5	<0.2	38.2	<0.01	<0.01	0.5	0.015
431	Soil	179	10.4	1.9	<0.01	0.01	0.33	0.7	0.2	0.2	4.2	<0.01	<0.01	3.0	<0.005
432	Soil	221	15.7	4.0	<0.01	<0.01	0.48	1.1	<0.2	0.2	2.2	<0.01	0.02	5.6	<0.005
433	Soil	242	12.0	6.0	<0.01	<0.01	0.51	0.9	0.3	0.3	3.4	<0.01	<0.01	6.2	<0.005
434	Soil	354	15.5	5.8	<0.01	<0.01	0.55	1.1	<0.2	0.2	5.5	<0.01	<0.01	4.4	<0.005
435	Soil	445	7.4	4.1	<0.01	0.03	<0.05	0.1	<0.2	<0.2	12.4	<0.01	<0.01	<0.2	<0.005
436	Soil	296	10.2	3.7	<0.01	<0.01	0.52	0.5	<0.2	<0.2	6.1	<0.01	<0.01	1.1	<0.005
437	Soil	426	10.1	5.0	<0.01	0.02	0.26	0.9	0.2	<0.2	13.1	<0.01	<0.01	2.8	<0.005
438	Soil	213	12.0	7.3	<0.01	0.02	0.31	1.0	<0.2	0.3	13.5	<0.01	<0.01	4.4	0.006
439	Soil	497	24.6	3.5	<0.01	0.04	2.71	2.7	0.7	<0.2	62.5	<0.01	<0.01	3.7	<0.005
440	Soil	318	21.1	6.1	<0.01	<0.01	0.21	3.6	0.3	0.3	24.6	<0.01	<0.01	8.1	<0.005
441	Soil	204	27.1	6.5	<0.01	<0.01	0.29	2.6	0.3	0.3	11.4	<0.01	<0.01	7.9	<0.005
442	Soil	269	19.3	2.8	<0.01	0.01	0.29	3.5	0.4	<0.2	19.1	<0.01	0.02	5.5	<0.005
443	Soil	300	16.0	4.5	<0.01	0.02	0.46	0.9	0.4	0.3	46.9	<0.01	<0.01	2.2	<0.005
444	Soil	304	13.6	5.0	<0.01	0.02	0.17	1.3	<0.2	0.3	44.8	<0.01	<0.01	3.5	0.006
445	Soil	274	15.5	4.0	<0.01	<0.01	0.56	1.2	<0.2	<0.2	9.4	<0.01	<0.01	5.1	<0.005
446	Soil	267	11.1	3.1	<0.01	0.01	0.30	0.8	0.3	0.3	16.4	<0.01	<0.01	3.1	<0.005
447	Soil	316	20.4	6.2	<0.01	0.02	0.90	2.7	0.3	0.2	32.0	<0.01	<0.01	6.6	<0.005
448	Soil	211	6.4	4.6	<0.01	0.01	0.12	0.3	<0.2	0.2	13.7	<0.01	<0.01	0.5	0.006
449	Soil	215	21.1	6.1	<0.01	<0.01	0.36	1.2	0.3	0.5	12.5	<0.01	<0.01	5.7	<0.005
450	Soil	152	12.4	4.4	<0.01	<0.01	0.35	0.9	0.2	<0.2	8.0	<0.01	<0.01	5.7	<0.005
451	Soil	237	15.3	4.5	<0.01	0.01	0.40	0.8	0.4	0.4	10.4	<0.01	<0.01	2.8	0.007
452	Soil	422	28.8	4.6	<0.01	0.01	0.47	2.3	0.3	<0.2	19.3	<0.01	<0.01	8.7	<0.005
453	Soil	349	24.1	4.9	<0.01	0.02	0.46	2.4	<0.2	0.2	47.0	<0.01	<0.01	8.1	<0.005
454	Soil	503	41.5	5.3	<0.01	0.03	2.52	2.1	0.5	<0.2	64.9	<0.01	<0.01	4.8	<0.005
455	Soil	450	31.1	5.0	<0.01	0.02	0.77	2.5	0.3	0.2	38.4	<0.01	<0.01	7.0	<0.005
456	Soil	262	16.7	4.6	<0.01	0.02	1.13	1.6	<0.2	<0.2	47.5	<0.01	<0.01	5.3	<0.005
457	Soil	1197	17.7	5.3	<0.01	0.09	1.22	2.0	1.0	0.2	104.0	<0.01	<0.01	3.0	0.005
458	Soil	595	25.2	6.2	<0.01	0.08	1.20	2.1	1.0	0.2	142.8	<0.01	<0.01	2.0	0.006
459	Soil	668	24.3	4.2	<0.01	0.07	0.86	2.3	0.7	0.2	130.8	0.01	<0.01	1.7	0.005
460	Soil	344	26.1	3.8	<0.01	0.03	0.83	2.6	0.5	<0.2	45.1	<0.01	<0.01	4.6	<0.005
461	Soil	472	22.5	4.0	<0.01	0.05	0.87	2.2	0.7	<0.2	69.5	<0.01	<0.01	3.1	<0.005
462	Soil	249	20.2	3.9	<0.01	0.02	0.66	2.2	0.4	<0.2	40.0	<0.01	<0.01	5.6	<0.005
463	Soil	446	16.1	3.7	<0.01	0.03	0.55	2.1	0.5	<0.2	69.7	<0.01	<0.01	4.4	<0.005
464	Soil	528	18.2	4.8	<0.01	0.06	0.52	1.7	0.9	<0.2	91.5	<0.01	<0.01	2.8	<0.005

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11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
465	Soil	501	19.9	4.1	<0.01	0.07	0.87	1.7	0.4	<0.2	115.1	<0.01	<0.01	2.6	<0.005
466	Soil	305	17.7	3.3	<0.01	0.06	0.55	2.2	0.4	<0.2	77.1	<0.01	<0.01	7.1	<0.005
467	Soil	449	17.4	3.5	<0.01	0.03	0.77	2.1	0.4	<0.2	50.6	<0.01	<0.01	3.6	<0.005
468	Soil	147	16.9	6.3	<0.01	<0.01	0.22	1.3	0.2	0.4	8.2	<0.01	0.01	5.5	0.005
469	Soil	176	20.6	7.4	<0.01	<0.01	0.39	1.2	0.3	0.3	10.7	<0.01	<0.01	6.1	<0.005
470	Soil	161	11.6	4.2	<0.01	<0.01	0.22	0.7	0.3	0.4	7.7	<0.01	<0.01	4.1	<0.005
471	Soil	178	15.3	6.3	<0.01	0.01	0.39	1.7	0.3	0.3	16.5	<0.01	<0.01	6.6	<0.005
472	Soil	174	15.0	6.0	<0.01	<0.01	0.34	1.4	0.3	0.3	14.2	<0.01	<0.01	6.6	<0.005
473	Soil	458	27.7	3.7	<0.01	0.04	3.38	3.2	0.6	<0.2	57.7	<0.01	0.02	4.9	<0.005
474	Soil	156	16.4	7.4	<0.01	<0.01	0.40	1.8	0.4	0.2	13.4	<0.01	0.01	9.0	<0.005
475	Soil	338	46.0	6.2	<0.01	0.01	0.40	1.9	0.4	<0.2	17.8	<0.01	<0.01	8.8	<0.005
476	Soil	230	17.0	3.6	<0.01	0.02	0.31	2.1	0.6	0.3	42.5	<0.01	<0.01	4.6	0.006
477	Soil	147	10.1	3.9	<0.01	0.01	0.06	0.7	0.2	0.2	25.6	<0.01	<0.01	2.7	<0.005
478	Soil	149	19.1	4.9	<0.01	<0.01	0.28	1.5	0.3	<0.2	12.4	<0.01	<0.01	6.5	<0.005
548	Soil	587	24.6	2.3	<0.01	0.04	1.27	1.8	0.6	<0.2	33.4	<0.01	<0.01	5.2	<0.005
549	Soil	597	23.3	2.3	<0.01	0.04	1.45	1.7	0.5	<0.2	35.0	<0.01	<0.01	5.3	<0.005
550	Soil	712	38.3	4.1	<0.01	0.06	1.64	2.0	0.9	<0.2	62.1	<0.01	<0.01	5.0	<0.005
551	Soil	700	32.5	2.4	<0.01	0.05	0.87	2.5	0.5	0.2	43.8	<0.01	<0.01	5.5	0.006
552	Soil	922	37.4	2.7	<0.01	0.09	1.32	1.7	1.1	<0.2	83.0	<0.01	<0.01	3.6	<0.005
553	Soil	709	34.9	2.6	<0.01	0.06	1.42	2.1	1.1	<0.2	56.9	<0.01	<0.01	4.4	<0.005
554	Soil	666	33.8	2.0	<0.01	0.04	1.31	2.1	0.5	<0.2	31.9	<0.01	<0.01	5.5	<0.005
555	Soil	506	21.4	4.0	<0.01	0.04	0.81	2.3	0.3	0.2	230.2	<0.01	0.02	10.0	0.018
556	Soil	450	20.9	1.8	<0.01	0.10	0.69	1.7	0.3	<0.2	307.6	<0.01	<0.01	7.0	0.011
557	Soil	419	21.8	1.4	<0.01	0.09	0.66	1.6	0.3	<0.2	291.7	<0.01	<0.01	6.4	0.013

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
230	Soil	0.17	1.37	17	0.12	8.16	149	1.5
231	Soil	<0.05	9.00	13	0.06	7.33	65	5.3
232	Soil	0.12	3.38	17	0.09	8.60	117	3.2
233	Soil	0.08	2.06	18	0.06	6.08	107	2.6
234	Soil	0.11	2.34	18	0.08	7.87	133	2.0
235	Soil	0.07	2.12	17	0.06	6.07	114	1.7
236	Soil	0.08	2.45	17	0.08	7.82	192	2.1
237	Soil	0.06	2.76	16	0.06	6.40	223	1.9
238	Soil	<0.05	2.17	17	0.05	5.45	316	2.1
239	Soil	<0.05	1.53	17	<0.05	4.46	250	2.1
240	Soil	<0.05	1.51	17	<0.05	3.51	157	1.6
241	Soil	<0.05	1.47	17	0.08	4.10	195	2.1
242	Soil	0.06	0.83	13	0.16	5.33	92	1.7
243	Soil	0.06	0.70	13	0.17	5.24	88	1.7
244	Soil	0.05	1.01	14	0.13	6.10	104	2.2
245	Soil	0.05	0.74	14	0.13	4.96	104	1.7
246	Soil	0.05	0.92	14	0.13	5.39	102	1.9
247	Soil	<0.05	0.78	13	0.12	4.83	95	1.7
248	Soil	<0.05	0.88	14	0.12	5.40	102	1.9
249	Soil	<0.05	1.44	15	0.09	5.46	100	2.6
250	Soil	<0.05	0.80	14	0.12	4.62	99	1.7
302	Soil	<0.05	2.91	12	0.09	6.43	99	2.2
303	Soil	<0.05	1.81	11	0.06	6.89	86	2.5
304	Soil	0.07	1.59	12	0.17	6.50	114	2.2
305	Soil	0.06	1.62	11	0.17	6.35	108	2.4
306	Soil	<0.05	1.32	11	0.12	5.95	100	2.2
307	Soil	<0.05	1.64	11	0.11	5.46	92	2.0
308	Soil	<0.05	2.51	11	<0.05	7.57	80	2.8
309	Soil	<0.05	1.39	11	0.12	5.37	93	1.9
310	Soil	<0.05	1.32	11	0.10	5.23	101	1.9
311	Soil	<0.05	6.12	12	<0.05	9.46	70	4.1
312	Soil	<0.05	1.20	11	0.11	5.61	102	2.2
313	Soil	<0.05	1.14	11	0.09	5.34	93	2.0
314	Soil	<0.05	1.45	11	0.10	5.49	96	2.1
315	Soil	0.06	1.78	11	0.15	6.41	106	2.2
316	Soil	0.06	1.60	12	0.14	6.34	105	2.1
317	Soil	<0.05	1.09	11	0.09	5.18	93	1.9
318	Soil	<0.05	0.98	11	0.11	5.35	97	2.0
319	Soil	<0.05	1.27	12	0.11	5.95	93	2.1
321	Soil	<0.05	2.37	14	0.26	3.26	100	2.5

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11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
322	Soil	<0.05	0.35	19	0.40	0.98	22	<0.5
323	Soil	<0.05	0.49	5	0.19	0.88	49	0.6
324	Soil	<0.05	0.42	21	0.32	1.11	23	<0.5
325	Soil	0.05	0.46	26	0.28	1.16	45	<0.5
326	Soil	<0.05	0.88	25	0.26	1.56	71	0.6
327	Soil	<0.05	0.20	19	0.13	0.66	14	<0.5
328	Soil	<0.05	0.23	15	0.12	0.73	8	<0.5
329	Soil	<0.05	0.15	11	0.07	0.39	9	<0.5
330	Soil	<0.05	0.23	11	0.07	0.39	9	<0.5
331	Soil	<0.05	0.54	13	0.09	2.28	61	0.9
332	Soil	<0.05	0.39	16	0.13	1.39	47	0.7
333	Soil	<0.05	5.40	14	0.17	5.18	74	2.7
334	Soil	<0.05	0.40	26	0.29	1.29	64	<0.5
335	Soil	0.05	1.84	16	0.16	12.73	70	1.0
336	Soil	0.05	0.77	16	0.06	2.93	70	1.0
337	Soil	0.05	0.51	16	0.09	2.12	57	0.8
338	Soil	<0.05	0.40	19	0.35	1.46	69	1.0
339	Soil	<0.05	0.49	18	0.12	1.63	63	1.5
340	Soil	<0.05	1.40	16	0.14	6.93	60	1.1
341	Soil	<0.05	0.66	14	0.10	1.98	52	1.8
342	Soil	<0.05	0.97	16	0.17	2.47	61	1.6
343	Soil	<0.05	0.59	16	0.10	1.66	51	1.3
344	Soil	0.06	1.02	20	0.16	5.63	98	1.2
345	Soil	<0.05	1.15	13	0.08	4.89	57	1.2
346	Soil	<0.05	1.09	13	0.05	7.10	97	1.9
347	Soil	<0.05	0.96	12	0.06	8.58	74	3.1
371	Soil	<0.05	7.20	14	0.22	8.10	78	5.5
372	Soil	<0.05	2.89	13	0.17	2.44	58	3.4
373	Soil	<0.05	4.52	12	0.12	2.86	56	5.7
374	Soil	<0.05	0.55	15	0.25	1.28	54	1.1
375	Soil	<0.05	0.42	17	0.23	1.16	51	1.0
376	Soil	<0.05	0.35	22	0.20	1.12	32	0.6
377	Soil	<0.05	0.18	8	0.05	0.29	5	<0.5
378	Soil	<0.05	0.27	9	0.07	0.80	7	0.6
379	Soil	<0.05	0.16	12	0.09	0.40	13	<0.5
380	Soil	<0.05	0.28	14	0.13	0.70	18	<0.5
381	Soil	<0.05	0.10	8	<0.05	0.25	9	<0.5
382	Soil	<0.05	0.90	9	0.09	4.30	16	0.6
383	Soil	<0.05	0.19	15	0.10	0.53	15	<0.5
384	Soil	<0.05	1.29	14	0.07	11.77	93	1.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
385	Soil	<0.05	0.62	15	0.14	2.12	52	1.1
386	Soil	<0.05	2.01	13	0.15	5.20	34	1.2
387	Soil	<0.05	0.35	17	0.10	1.39	46	1.9
388	Soil	<0.05	0.43	16	0.09	1.69	60	1.9
389	Soil	<0.05	0.23	12	0.07	0.82	18	<0.5
390	Soil	<0.05	0.68	15	0.10	5.67	55	1.5
391	Soil	<0.05	0.73	13	0.13	6.58	65	2.8
392	Soil	<0.05	0.54	13	0.17	3.75	64	2.2
393	Soil	<0.05	0.48	15	0.10	2.04	31	<0.5
394	Soil	<0.05	1.76	13	0.09	5.59	57	1.7
395	Soil	<0.05	0.25	12	0.08	0.84	24	<0.5
396	Soil	<0.05	0.43	17	0.11	2.75	53	0.5
397	Soil	<0.05	0.51	16	0.12	2.38	54	0.7
398	Soil	<0.05	0.42	9	0.06	5.10	39	1.2
399	Soil	<0.05	0.52	13	0.10	7.37	63	2.2
400	Soil	<0.05	0.60	13	0.08	8.47	61	3.6
401	Soil	<0.05	0.57	11	0.06	5.47	46	2.6
402	Soil	<0.05	2.24	13	0.11	1.97	29	2.1
403	Soil	<0.05	2.13	13	0.11	4.02	23	2.1
404	Soil	<0.05	2.52	16	0.20	10.85	60	4.0
405	Soil	<0.05	1.81	12	0.05	5.38	80	2.0
406	Soil	<0.05	1.34	14	0.08	9.33	65	1.8
407	Soil	<0.05	0.66	11	0.09	5.67	70	2.6
408	Soil	<0.05	1.01	11	0.08	6.59	52	2.5
409	Soil	<0.05	1.75	12	0.08	5.70	44	3.6
410	Soil	<0.05	1.35	12	0.08	6.69	60	3.0
411	Soil	<0.05	0.41	19	0.19	2.00	61	1.9
412	Soil	<0.05	0.29	17	0.12	1.40	35	2.7
413	Soil	<0.05	0.44	14	0.08	2.13	55	1.6
414	Soil	0.06	0.40	16	0.11	1.88	57	2.5
415	Soil	<0.05	0.30	15	0.10	1.52	42	1.0
416	Soil	0.06	0.45	15	0.10	2.56	54	1.5
417	Soil	0.05	0.43	14	0.11	2.39	51	1.6
418	Soil	<0.05	0.40	17	0.14	1.88	49	<0.5
419	Soil	<0.05	0.28	14	0.09	1.38	39	0.8
420	Soil	<0.05	0.32	15	0.15	1.58	42	0.8
421	Soil	<0.05	0.29	15	0.15	1.52	37	1.3
422	Soil	0.05	0.37	14	0.09	2.18	50	1.7
423	Soil	<0.05	0.31	27	0.34	1.17	46	0.7
424	Soil	<0.05	0.40	11	0.06	4.47	24	2.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
425	Soil	<0.05	0.49	13	0.09	5.98	60	3.0
426	Soil	<0.05	5.77	9	0.24	5.39	72	4.8
427	Soil	<0.05	6.90	9	0.25	6.18	81	5.3
428	Soil	<0.05	4.72	10	0.29	4.98	135	4.6
429	Soil	<0.05	1.74	9	0.08	1.34	30	2.4
430	Soil	<0.05	1.20	11	0.10	2.28	34	1.4
431	Soil	<0.05	0.30	14	0.14	0.76	42	0.8
432	Soil	<0.05	0.47	14	0.25	1.17	63	1.4
433	Soil	<0.05	0.50	16	0.28	1.48	49	0.7
434	Soil	<0.05	0.52	15	0.21	2.05	64	1.1
435	Soil	<0.05	0.51	9	0.07	1.29	12	<0.5
436	Soil	<0.05	0.46	13	0.99	1.07	40	<0.5
437	Soil	<0.05	0.50	12	0.13	2.05	46	0.9
438	Soil	<0.05	0.34	19	0.17	1.36	56	0.6
439	Soil	0.05	0.81	8	<0.05	10.69	61	2.4
440	Soil	<0.05	0.68	16	0.09	9.62	57	2.3
441	Soil	<0.05	0.78	16	0.22	4.30	58	2.9
442	Soil	<0.05	0.66	9	0.05	9.69	101	0.8
443	Soil	<0.05	0.65	16	0.12	1.79	33	<0.5
444	Soil	<0.05	0.77	19	0.36	2.45	48	0.8
445	Soil	<0.05	0.43	14	0.11	1.95	52	0.9
446	Soil	<0.05	0.39	17	0.14	1.71	33	<0.5
447	Soil	<0.05	1.03	15	0.10	7.85	69	2.4
448	Soil	<0.05	0.31	13	0.08	0.79	20	<0.5
449	Soil	0.06	0.39	24	0.14	1.66	109	1.2
450	Soil	<0.05	0.34	15	0.09	1.49	49	1.0
451	Soil	<0.05	0.30	22	0.14	1.24	63	<0.5
452	Soil	0.05	0.71	11	0.05	4.77	82	1.6
453	Soil	<0.05	0.75	13	0.11	5.70	72	1.6
454	Soil	0.06	1.16	13	0.27	6.11	50	2.0
455	Soil	<0.05	0.77	14	0.06	5.01	84	1.5
456	Soil	<0.05	0.63	13	0.08	3.40	48	1.0
457	Soil	<0.05	2.08	14	0.08	8.07	66	3.2
458	Soil	<0.05	1.73	12	0.06	13.03	70	2.6
459	Soil	<0.05	1.85	12	0.08	16.63	59	1.9
460	Soil	<0.05	0.85	13	0.07	7.70	68	2.4
461	Soil	<0.05	1.11	13	0.08	8.24	66	2.5
462	Soil	<0.05	0.94	13	0.07	5.28	68	2.2
463	Soil	<0.05	1.24	13	0.08	5.43	68	2.2
464	Soil	<0.05	1.75	13	0.07	6.23	58	2.4

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11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
465	Soil	<0.05	2.17	12	0.10	5.29	51	2.4
466	Soil	<0.05	0.66	13	0.06	5.32	65	3.1
467	Soil	<0.05	1.12	13	0.06	6.21	64	2.1
468	Soil	0.05	0.39	22	0.23	1.75	51	1.6
469	Soil	0.05	0.35	18	0.12	1.97	53	2.4
470	Soil	<0.05	0.23	22	0.16	0.98	47	0.8
471	Soil	0.06	0.58	18	0.17	2.42	53	1.8
472	Soil	0.06	0.45	17	0.11	1.89	51	1.7
473	Soil	<0.05	1.13	13	0.07	8.80	75	2.1
474	Soil	0.06	0.51	15	0.27	3.24	55	2.5
475	Soil	<0.05	0.69	15	0.08	4.81	64	1.9
476	Soil	<0.05	0.77	18	0.21	5.54	57	1.7
477	Soil	<0.05	0.40	15	1.16	1.26	27	<0.5
478	Soil	<0.05	0.43	14	0.09	2.98	54	2.0
548	Soil	<0.05	1.57	14	0.10	5.29	97	2.2
549	Soil	<0.05	0.90	14	0.11	5.31	101	2.0
550	Soil	<0.05	3.31	13	0.07	10.56	102	4.5
551	Soil	<0.05	1.27	14	<0.05	13.01	101	7.1
552	Soil	<0.05	8.92	13	0.07	9.62	94	4.0
553	Soil	<0.05	1.79	14	0.05	9.31	98	4.1
554	Soil	<0.05	1.49	14	0.06	8.20	96	3.9
555	Soil	<0.05	1.02	22	0.05	5.32	81	12.3
556	Soil	<0.05	0.87	15	<0.05	4.54	64	5.9
557	Soil	<0.05	0.83	15	<0.05	4.45	58	5.3

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11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
230	Soil		0.18	1.38	277.2	28	0.91	1.81	0.22	0.43	17.50	27.8	22	1.46	58.7
230 Dup			0.17	1.38	281.2	28	0.90	1.84	0.22	0.44	18.09	27.9	24	1.49	58.2
QCV1108-00838-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.57					8.59				21.3			>10000
248	Soil		0.12	0.92	69.0	37	0.36	0.39	0.45	0.29	18.68	12.2	16	0.69	23.7
248 Dup			0.11	0.93	69.0	36	0.35	0.39	0.46	0.29	18.25	12.1	17	0.70	23.1
QCV1108-00838-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					8.90				19.6			>10000
317	Soil		0.12	1.05	24.5	26	0.40	0.34	0.37	0.28	32.74	11.2	14	0.74	19.8
317 Dup			0.12	1.04	25.0	26	0.41	0.34	0.37	0.28	32.69	11.1	14	0.73	19.6
QCV1108-00838-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.45					8.44				19.7			>10000
336	Soil		0.04	1.27	3.5	67	0.45	0.32	0.28	0.08	37.23	8.0	14	0.77	7.0
336 Dup			0.04	1.25	3.4	67	0.46	0.32	0.27	0.08	37.57	8.1	15	0.78	6.7
QCV1108-00838-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.54					8.30				20.0			>10000
377	Soil		0.06	0.21	4.2	17	<0.05	0.03	0.03	0.10	1.74	0.5	1	0.32	1.1
377 Dup			0.06	0.21	4.2	16	<0.05	0.03	0.04	0.10	1.76	0.5	2	0.32	1.1
QCV1108-00838-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6327.4
395	Soil		0.09	0.54	4.0	31	0.09	0.17	0.31	0.11	13.03	2.6	8	0.40	3.0
395 Dup			0.09	0.54	4.0	31	0.10	0.16	0.30	0.12	12.71	2.6	8	0.38	2.9
QCV1108-00838-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43					8.85				20.0			>10000
413	Soil		0.02	1.27	10.9	54	0.44	0.31	0.08	0.03	41.96	8.3	16	0.55	11.7
413 Dup			0.02	1.31	11.0	54	0.44	0.31	0.08	0.03	41.76	8.4	16	0.55	11.9
QCV1108-00838-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6228.8
431	Soil		0.02	0.77	43.0	33	0.14	0.22	0.03	0.09	17.03	3.9	11	0.97	8.6
431 Dup			0.02	0.77	42.8	33	0.14	0.21	0.03	0.09	16.58	3.8	10	0.96	8.5
QCV1108-00838-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6084.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
449	Soil		0.11	1.48	11.9	70	0.43	0.36	0.11	0.10	33.43	8.2	19	0.70	6.1
449 Dup			0.10	1.49	12.1	70	0.42	0.36	0.11	0.11	34.08	8.2	18	0.70	6.1
QCV1108-00838-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6273.7
467	Soil		0.08	1.23	9.6	57	0.35	0.31	0.71	0.07	20.11	7.3	15	0.43	18.3
467 Dup			0.08	1.21	9.5	56	0.34	0.31	0.70	0.07	19.90	7.3	14	0.43	18.1
QCV1108-00838-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6258.2
QCV1108-00838-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
554	Soil		0.11	1.19	27.4	28	0.55	0.42	0.46	0.12	19.82	16.5	17	0.67	35.9
554 Dup			0.12	1.20	27.7	28	0.54	0.42	0.46	0.12	20.02	17.0	17	0.68	36.1
QCV1108-00838-0033-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.45		7444.0							8.3			26.2
230	Soil	0.051													
230 Dup		0.060													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.409													
248	Soil	0.016													
248 Dup		0.016													
QCV1108-00839-0004-BLK		0.005													
317	Soil	0.015													
317 Dup		0.009													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.411													
336	Soil	0.011													
336 Dup		0.009													
QCV1108-00839-0008-BLK		0.008													
377	Soil	0.007													
377 Dup		0.009													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.935													
395	Soil	0.006													
395 Dup		0.006													
QCV1108-00839-0012-BLK		<0.005													
413	Soil	0.008													
413 Dup		0.010													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.489													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
431	Soil	0.024													
431 Dup		0.017													
QCV1108-00839-0016-BLK		0.007													
449	Soil	0.014													
449 Dup		0.007													
467	Soil	0.013													
467 Dup		0.011													
QCV1108-00839-0020-BLK		0.006													
554	Soil	0.016													
554 Dup		0.018													
QCV1108-00839-0022-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.454													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
230	Soil	3.52	3.59	<0.05	0.06	0.02	0.03	12.9	32.7	0.66	1177	0.40	<0.01	0.10	87.9
230 Dup		3.51	3.65	<0.05	0.06	0.02	0.03	13.0	33.7	0.67	1160	0.38	<0.01	0.10	87.1
QCV1108-00838-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
248	Soil	2.81	2.72	<0.05	0.06	0.03	0.02	9.4	22.0	0.49	435	<0.05	<0.01	0.12	27.4
248 Dup		2.82	2.69	<0.05	0.07	0.03	0.02	9.3	21.5	0.50	439	<0.05	<0.01	0.12	27.8
QCV1108-00838-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
317	Soil	2.70	2.86	<0.05	0.08	0.02	0.05	16.1	26.1	0.44	341	<0.05	<0.01	0.09	25.0
317 Dup		2.66	2.89	<0.05	0.07	0.02	0.05	15.8	25.8	0.44	337	<0.05	<0.01	0.09	25.0
QCV1108-00838-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
336	Soil	3.05	3.72	<0.05	<0.02	0.03	0.02	15.3	33.5	0.26	432	<0.05	<0.01	0.22	18.2
336 Dup		3.05	3.72	<0.05	0.02	0.03	0.02	15.9	34.2	0.26	423	<0.05	<0.01	0.22	18.6
QCV1108-00838-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
377	Soil	0.25	1.44	<0.05	0.02	<0.01	0.02	0.9	0.8	0.01	21	<0.05	0.03	0.26	1.5
377 Dup		0.25	1.47	<0.05	0.02	<0.01	0.02	0.9	0.8	0.01	20	<0.05	0.03	0.26	1.4
QCV1108-00838-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
395	Soil	1.19	2.50	<0.05	<0.02	<0.01	0.02	6.3	14.1	0.16	161	<0.05	0.02	0.40	7.8
395 Dup		1.15	2.40	<0.05	<0.02	<0.01	0.02	6.3	13.8	0.15	160	<0.05	0.02	0.39	7.6
QCV1108-00838-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
413	Soil	3.41	3.67	<0.05	0.04	0.03	0.03	20.8	37.8	0.30	194	<0.05	<0.01	0.23	22.5
413 Dup		3.45	3.70	<0.05	0.05	0.03	0.03	20.8	38.1	0.31	199	<0.05	<0.01	0.23	22.8
QCV1108-00838-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
431	Soil	2.10	3.11	<0.05	0.02	<0.01	0.02	8.5	16.1	0.22	127	<0.05	0.02	0.33	12.5
431 Dup		2.10	3.06	<0.05	0.02	<0.01	0.02	8.5	15.8	0.22	126	<0.05	0.02	0.32	11.9
QCV1108-00838-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
449	Soil	3.30	5.33	<0.05	0.04	0.03	0.03	16.8	43.9	0.36	319	<0.05	<0.01	0.74	16.6
449 Dup		3.30	5.33	<0.05	0.04	0.03	0.03	16.9	43.5	0.36	311	<0.05	<0.01	0.74	16.1
QCV1108-00838-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
467	Soil	2.70	3.44	<0.05	0.07	0.03	0.02	10.0	41.0	0.39	270	<0.05	0.01	0.34	24.5
467 Dup		2.67	3.44	<0.05	0.07	0.03	0.02	10.0	40.2	0.38	269	<0.05	<0.01	0.34	24.1
QCV1108-00838-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00838-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
554	Soil	3.37	3.51	<0.05	0.13	0.02	0.03	9.5	42.4	0.53	378	<0.05	<0.01	0.15	34.5
554 Dup		3.40	3.49	<0.05	0.14	0.02	0.03	9.5	42.7	0.54	381	<0.05	<0.01	0.15	35.0
QCV1108-00838-0033-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.34	463				46.8

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
230	Soil	717	25.6	2.2	<0.01	0.04	1.46	1.4	1.1	<0.2	13.3	<0.01	0.05	3.9	<0.005
230 Dup		713	24.9	2.4	<0.01	0.04	1.50	1.4	1.1	<0.2	13.8	<0.01	0.05	4.0	<0.005
QCV1108-00838-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.5				1.72		13.7	15.6					
248	Soil	592	24.0	2.5	<0.01	0.04	1.49	1.7	0.9	<0.2	33.1	<0.01	<0.01	4.9	<0.005
248 Dup		587	23.3	2.5	<0.01	0.04	1.51	1.7	0.9	<0.2	32.9	<0.01	<0.01	5.0	<0.005
QCV1108-00838-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.7				1.61		12.2	14.5					
317	Soil	484	32.4	3.5	<0.01	0.04	0.92	1.6	0.5	<0.2	37.5	<0.01	<0.01	8.1	<0.005
317 Dup		490	31.9	3.4	<0.01	0.04	0.91	1.6	0.5	<0.2	37.0	<0.01	<0.01	8.0	<0.005
QCV1108-00838-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.4				1.72		11.5	15.4					
336	Soil	245	20.2	7.6	<0.01	0.01	0.08	1.4	0.2	0.3	31.7	<0.01	<0.01	8.6	<0.005
336 Dup		244	20.9	7.6	<0.01	0.01	0.08	1.4	0.2	0.3	31.7	<0.01	<0.01	8.6	<0.005
QCV1108-00838-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.9				1.80		12.1	15.8					
377	Soil	139	1.8	1.2	<0.01	0.01	<0.05	0.1	<0.2	<0.2	5.2	<0.01	<0.01	<0.2	0.010
377 Dup		137	1.9	1.2	<0.01	0.01	<0.05	0.1	<0.2	<0.2	5.3	<0.01	<0.01	<0.2	0.011
QCV1108-00838-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								22.3				
395	Soil	205	7.6	3.3	<0.01	0.02	0.10	0.4	<0.2	<0.2	26.5	<0.01	<0.01	1.1	0.006
395 Dup		204	7.6	3.4	<0.01	0.02	0.10	0.4	<0.2	<0.2	27.0	<0.01	<0.01	1.1	0.006
QCV1108-00838-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.7				1.74		12.2	15.8					
413	Soil	181	17.8	5.8	<0.01	<0.01	0.29	1.6	<0.2	0.2	9.3	<0.01	<0.01	7.9	<0.005
413 Dup		185	17.6	5.8	<0.01	<0.01	0.31	1.6	<0.2	0.2	9.3	<0.01	<0.01	7.9	<0.005
QCV1108-00838-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								21.9				
431	Soil	179	10.4	1.9	<0.01	0.01	0.33	0.7	0.2	0.2	4.2	<0.01	<0.01	3.0	<0.005
431 Dup		177	10.1	1.9	<0.01	0.01	0.32	0.7	0.2	<0.2	4.2	<0.01	<0.01	2.9	<0.005
QCV1108-00838-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								22.9				

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11-360-05912-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
449	Soil	215	21.1	6.1	<0.01	<0.01	0.36	1.2	0.3	0.5	12.5	<0.01	<0.01	5.7	<0.005
449 Dup		210	21.1	6.1	<0.01	<0.01	0.35	1.2	0.3	0.5	12.7	<0.01	<0.01	5.8	<0.005
QCV1108-00838-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								23.3				
467	Soil	449	17.4	3.5	<0.01	0.03	0.77	2.1	0.4	<0.2	50.6	<0.01	<0.01	3.6	<0.005
467 Dup		451	17.3	3.4	<0.01	0.03	0.75	2.1	0.3	<0.2	49.7	<0.01	<0.01	3.5	<0.005
QCV1108-00838-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								23.8				
QCV1108-00838-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
554	Soil	666	33.8	2.0	<0.01	0.04	1.31	2.1	0.5	<0.2	31.9	<0.01	<0.01	5.5	<0.005
554 Dup		658	33.9	2.0	<0.01	0.04	1.30	2.1	0.5	<0.2	32.0	<0.01	<0.01	5.4	<0.005
QCV1108-00838-0033-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340													
STD-DS-1 result		320													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
230	Soil	0.17	1.37	17	0.12	8.16	149	1.5
230 Dup		0.17	1.37	17	0.12	8.25	149	1.5
QCV1108-00838-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							168	
248	Soil	<0.05	0.88	14	0.12	5.40	102	1.9
248 Dup		<0.05	0.89	14	0.12	5.37	103	1.8
QCV1108-00838-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							165	
317	Soil	<0.05	1.09	11	0.09	5.18	93	1.9
317 Dup		<0.05	1.04	11	0.09	5.13	93	1.9
QCV1108-00838-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
336	Soil	0.05	0.77	16	0.06	2.93	70	1.0
336 Dup		0.06	0.78	16	0.06	3.04	71	1.0
QCV1108-00838-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
377	Soil	<0.05	0.18	8	0.05	0.29	5	<0.5
377 Dup		<0.05	0.18	8	0.06	0.30	5	<0.5
QCV1108-00838-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5009	
395	Soil	<0.05	0.25	12	0.08	0.84	24	<0.5
395 Dup		<0.05	0.25	12	0.08	0.84	24	<0.5
QCV1108-00838-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
413	Soil	<0.05	0.44	14	0.08	2.13	55	1.6
413 Dup		<0.05	0.44	13	0.08	2.15	56	1.7
QCV1108-00838-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4973	
431	Soil	<0.05	0.30	14	0.14	0.76	42	0.8
431 Dup		<0.05	0.29	14	0.14	0.76	41	0.8
QCV1108-00838-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4817	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
449	Soil	0.06	0.39	24	0.14	1.66	109	1.2
449 Dup		0.06	0.39	24	0.14	1.71	106	1.2
QCV1108-00838-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5104	
467	Soil	<0.05	1.12	13	0.06	6.21	64	2.1
467 Dup		<0.05	1.07	12	0.06	6.18	63	2.2
QCV1108-00838-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5029	
QCV1108-00838-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
554	Soil	<0.05	1.49	14	0.06	8.20	96	3.9
554 Dup		<0.05	1.48	14	0.06	8.12	96	3.9
QCV1108-00838-0033-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							205	

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Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	186	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05956-01

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
894	Soil	0.009	0.06	1.31	28.6	39	0.39	0.77	0.07	0.07	59.84	15.0	16	0.73	26.8
895	Soil	<0.005	0.08	1.12	13.7	36	0.21	0.39	0.01	0.08	60.06	6.7	11	0.60	12.5
896	Soil	0.006	0.28	1.56	11.5	103	1.05	0.41	1.47	0.20	57.98	28.7	19	0.84	37.1
897	Soil	0.008	0.07	0.41	23.8	21	<0.05	0.12	0.06	0.07	21.45	1.8	5	0.60	4.7
898	Soil	0.025	0.21	1.47	82.6	53	0.47	0.29	0.82	0.48	20.96	12.2	18	2.93	41.0
899	Soil	0.029	0.27	1.38	102.2	42	0.42	0.32	0.46	0.29	27.13	13.3	19	3.61	43.6
900	Soil	0.016	0.10	1.59	54.5	33	0.40	0.28	0.33	0.16	37.09	14.3	22	2.78	38.5
901	Soil	0.018	0.35	1.54	82.0	61	0.53	0.34	1.04	0.47	20.43	14.9	23	4.83	77.7
902	Soil	0.016	0.18	1.61	67.2	56	0.40	0.36	0.33	0.10	23.26	13.1	22	1.05	30.6
903	Soil	0.016	0.33	1.79	82.9	49	0.39	0.36	0.89	0.24	21.43	13.7	25	3.01	38.6
904	Soil	0.019	0.11	1.36	84.1	32	0.32	0.25	0.02	0.10	54.14	8.0	18	0.86	16.4
905	Soil	0.009	0.08	1.02	110.3	39	0.25	0.22	0.03	0.19	46.81	5.8	13	0.90	10.3
906	Soil	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
907	Soil	0.011	0.15	1.08	247.6	51	0.28	0.33	0.11	0.32	42.31	6.6	15	1.32	13.3
908	Soil	0.026	0.05	1.28	171.6	36	0.36	0.29	0.02	0.07	47.64	7.9	17	1.07	20.3
909	Soil	0.013	0.11	1.34	71.9	51	0.49	0.32	0.06	0.06	41.78	10.2	16	1.24	25.5
910	Soil	0.050	0.12	1.26	128.2	44	0.40	0.30	0.29	0.09	35.49	12.5	19	0.74	28.7
911	Soil	0.019	0.16	1.23	186.2	48	0.46	0.28	0.90	0.12	27.37	9.7	15	0.87	29.7
912	Soil	0.017	0.14	1.23	163.7	63	0.45	0.28	1.16	0.26	25.05	10.2	13	0.82	25.5
913	Soil	0.019	0.17	1.18	135.6	42	0.42	0.32	0.31	0.15	43.18	12.1	16	0.73	28.8
914	Soil	0.018	0.16	1.26	101.1	59	0.60	0.37	0.69	0.28	38.42	13.2	18	0.98	38.1
915	Soil	0.010	0.15	1.23	104.6	65	0.44	0.30	1.09	0.24	22.58	9.8	14	1.26	27.8
916	Soil	0.011	0.09	0.69	28.8	58	0.49	0.26	1.12	0.13	31.02	8.0	7	0.69	16.3
917	Soil	0.012	0.02	0.45	98.8	26	0.20	0.45	0.02	0.07	43.67	11.5	8	1.38	17.0
918	Soil	0.007	0.10	1.79	14.1	32	0.26	0.49	0.01	0.10	65.82	11.7	21	0.79	24.4
919	Soil	<0.005	0.03	1.42	8.2	40	0.40	0.22	0.03	0.04	50.03	7.8	17	1.20	9.6
920	Soil	<0.005	0.12	1.96	15.8	85	1.37	0.36	1.81	0.06	65.37	12.2	19	2.69	23.5
921	Soil	0.006	0.04	1.06	19.4	50	0.27	0.30	0.04	0.05	63.27	6.4	12	0.56	14.2
922	Soil	<0.005	0.07	0.88	21.7	29	0.35	0.44	0.12	0.08	51.52	11.6	11	0.86	19.1
923	Soil	0.006	0.31	0.95	8.7	79	0.77	0.20	1.74	0.16	23.99	11.1	12	1.40	36.9
924	Soil	<0.005	0.08	1.26	7.4	54	0.83	0.40	0.35	0.07	56.17	15.3	16	0.63	32.6
925	Soil	0.005	0.11	1.44	12.6	66	0.71	0.36	0.50	0.10	49.59	11.8	18	0.65	27.1
926	Soil	0.008	0.06	1.51	15.6	69	0.52	0.33	0.27	0.04	58.77	12.0	19	0.50	25.3
927	Soil	0.009	0.05	1.48	10.4	70	0.57	0.32	0.30	0.05	51.73	9.9	19	0.56	20.8
928	Soil	<0.005	0.09	1.19	6.9	63	0.38	0.25	0.52	0.05	62.69	5.8	14	0.54	14.6
929	Soil	0.010	0.05	1.70	19.1	83	0.59	0.29	0.20	0.04	60.70	10.5	19	0.72	22.0
930	Soil	0.014	0.04	1.17	17.0	51	0.36	0.37	0.54	0.10	40.62	9.5	15	0.59	15.1
931	Soil	0.012	0.21	1.07	10.1	96	0.70	0.32	1.69	0.24	38.85	11.4	14	0.69	27.6
932	Soil	<0.005	0.15	1.29	9.9	73	0.53	0.33	1.11	0.14	35.64	11.9	17	0.66	24.9
933	Soil	0.007	0.04	1.64	16.8	65	0.61	0.30	0.06	0.04	69.11	9.3	18	0.65	27.8

MS = Missing Sample

3Ace Property, Northern Tiger Resources Inc.

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Buchanan et al., 2011

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 6-33

Buchanan et al., 2011

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
934	Soil	0.009	0.08	1.48	9.6	67	0.44	0.31	0.49	0.06	43.21	10.2	18	0.70	14.9
935	Soil	0.010	0.03	0.98	14.9	39	0.48	0.31	0.22	0.06	47.37	10.4	14	0.30	23.2
936	Soil	0.008	0.19	1.10	16.3	27	0.57	0.52	0.55	0.09	45.57	17.9	15	0.41	46.4
937	Soil	0.006	0.19	1.35	12.3	62	0.51	0.33	1.29	0.32	35.30	10.1	16	0.54	24.8
938	Soil	0.009	0.11	1.31	17.6	64	0.57	0.49	0.88	0.10	47.09	13.4	17	0.50	33.2
939	Soil	<0.005	0.11	1.61	17.6	82	0.55	0.30	0.89	0.07	45.44	12.3	20	0.70	26.4
940	Soil	0.012	0.09	1.47	19.4	60	0.55	0.32	1.01	0.14	56.14	13.7	23	0.85	28.8
941	Soil	0.011	0.06	1.55	15.6	66	0.49	0.32	0.59	0.11	52.68	12.5	19	0.65	26.0
942	Soil	0.007	0.08	1.43	16.9	71	0.48	0.30	1.01	0.09	38.17	12.4	17	0.57	27.0
943	Soil	0.006	0.12	1.19	10.7	68	0.42	0.29	1.35	0.15	30.93	10.9	16	0.62	22.6
944	Soil	0.008	0.08	1.46	23.0	65	0.47	0.32	2.70	0.08	44.11	14.4	21	0.84	30.7
945	Soil	<0.005	0.12	1.62	23.4	67	0.50	0.33	3.16	0.08	52.59	13.7	21	0.88	32.9
946	Soil	0.007	0.04	1.73	14.9	90	0.53	0.27	0.17	0.03	61.33	10.0	18	0.78	23.8
947	Soil	0.007	0.04	1.78	28.4	69	0.52	0.30	0.11	0.04	76.96	11.5	21	0.93	25.7
948	Soil	0.012	0.82	1.95	6.5	139	1.21	0.37	1.59	0.41	53.71	19.3	22	1.54	65.2
949	Soil	0.010	0.24	1.81	35.9	90	0.75	0.45	0.83	0.10	44.83	13.2	22	1.18	40.1
950	Soil	<0.005	0.13	1.38	11.7	75	0.40	0.31	0.71	0.07	33.76	12.1	15	0.86	18.7
1532	Soil	<0.005	0.13	0.64	25.6	69	0.20	0.14	0.03	0.19	14.43	6.3	7	1.10	13.5
1533	Soil	0.030	0.44	1.30	60.7	30	0.28	0.36	0.02	0.15	29.25	10.5	21	1.18	29.6
1534	Soil	0.009	0.25	1.14	62.1	42	0.24	0.30	0.02	0.26	30.48	9.6	18	1.14	21.3
1535	Soil	0.008	0.19	0.53	14.8	148	0.13	0.13	0.07	0.44	13.15	5.5	6	0.78	10.7
1536	Soil	0.020	0.24	1.00	268.3	54	0.24	0.29	0.05	0.58	37.85	10.4	16	2.40	18.9
1537	Soil	0.038	0.15	1.79	85.0	33	0.31	0.33	0.02	0.07	62.72	12.3	25	1.36	23.7
1538	Soil	0.027	0.04	1.58	80.7	26	0.27	0.31	0.02	0.09	58.50	12.0	20	0.71	27.9
1539	Soil	0.040	0.13	1.51	100.2	53	0.40	0.36	0.07	0.10	46.38	13.5	24	1.41	31.0
1540	Soil	0.029	0.14	1.13	105.5	31	0.33	0.41	0.11	0.09	45.34	19.0	20	1.09	43.2
1541	Soil	0.040	0.10	1.28	104.6	38	0.27	0.36	0.05	0.13	35.85	13.1	22	1.30	27.1
1542	Soil	0.030	0.19	1.37	75.6	60	0.39	0.35	0.14	0.05	30.21	14.4	19	1.15	37.7
1543	Soil	0.021	0.14	1.49	55.6	50	0.34	0.36	0.15	0.12	27.05	15.6	23	0.93	34.4
1544	Soil	0.018	0.13	1.46	58.1	51	0.41	0.39	0.12	0.10	25.21	13.1	24	0.90	37.4
1545	Soil	0.023	0.11	1.40	68.0	41	0.28	0.35	0.09	0.14	24.24	13.4	22	0.84	30.3
1546	Soil	0.017	0.15	1.15	56.3	42	0.27	0.30	0.06	0.09	17.27	14.3	16	0.79	23.5
1547	Soil	0.029	0.08	1.56	66.0	46	0.33	0.37	0.09	0.12	26.71	13.5	23	0.90	32.3
1548	Soil	0.018	0.07	1.53	56.4	48	0.40	0.33	0.07	0.07	31.32	12.5	23	0.58	27.0
1549	Soil	0.023	0.18	1.66	72.8	83	0.56	0.41	0.21	0.22	22.63	18.8	25	0.93	48.8
1550	Soil	0.010	0.12	0.60	17.1	40	0.21	0.14	0.06	0.13	8.81	3.4	7	0.80	18.3
1551	Soil	0.012	0.19	1.04	65.7	51	0.36	0.37	0.12	0.31	20.43	9.3	16	0.98	32.1
1552	Soil	0.030	0.16	0.87	136.1	49	0.32	0.35	0.14	0.33	18.52	7.9	19	1.34	27.9
1553	Soil	0.021	0.05	0.98	62.3	23	0.22	0.32	0.01	0.12	51.74	7.6	16	0.66	16.7
1554	Soil	0.023	0.13	1.18	336.1	56	0.46	0.31	0.18	0.17	30.98	12.3	16	2.21	24.4

MS = Missing Sample

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1555	Soil	0.022	0.06	0.99	81.7	37	0.35	0.28	0.08	0.04	38.44	6.9	15	0.65	12.9
1556	Soil	0.013	0.13	0.74	34.0	55	0.51	0.30	0.68	0.29	21.66	9.8	10	0.64	22.0
1557	Soil	0.009	0.04	0.94	22.6	46	0.32	0.27	0.49	0.08	28.59	11.8	14	0.66	16.5
1558	Soil	<0.005	0.03	1.11	30.2	61	0.46	0.30	0.25	0.10	32.27	10.0	16	0.79	14.7
1559	Soil	0.007	0.17	0.57	21.2	47	0.89	0.37	1.01	0.05	60.61	13.6	10	0.38	26.9
1560	Soil	0.010	0.08	1.07	20.3	79	0.46	0.30	0.15	0.06	42.70	12.2	16	0.69	19.1
1561	Soil	0.011	0.22	0.72	32.1	61	0.67	0.45	0.68	0.11	62.97	19.2	11	1.30	25.5
1562	Soil	0.016	0.11	0.88	21.2	71	0.59	0.31	0.88	0.19	38.19	12.1	14	0.58	21.9
1563	Soil	0.007	0.09	1.19	20.3	70	0.55	0.31	0.96	0.16	31.13	12.3	16	0.52	31.4
1564	Soil	0.011	0.15	1.14	22.7	79	0.46	0.27	1.54	0.17	24.73	11.1	15	0.69	40.4
1565	Soil	0.012	0.12	1.14	21.8	87	0.53	0.34	1.31	0.18	32.48	15.0	16	0.43	37.9
1566	Soil	0.007	0.10	1.02	37.3	77	0.51	0.46	1.03	0.39	28.15	16.9	16	0.53	35.0
1567	Soil	0.014	0.10	1.28	21.9	94	0.53	0.33	1.03	0.12	26.74	14.1	16	0.48	34.5
1568	Soil	0.008	0.10	1.24	17.2	95	0.58	0.32	0.91	0.26	26.44	12.6	17	0.59	29.2
1569	Soil	0.007	0.09	1.11	20.4	60	0.52	0.48	1.07	0.12	28.12	17.2	14	0.52	35.5
1570	Soil	0.015	0.10	1.20	39.2	73	0.43	0.31	1.30	0.17	26.80	12.0	17	0.62	30.4
1571	Soil	0.011	0.07	1.00	7.5	52	0.20	0.27	0.50	0.14	20.76	6.7	15	0.42	27.5
1572	Soil	0.013	0.05	1.20	9.5	81	0.16	0.30	0.03	0.07	38.77	4.1	10	0.55	9.3
1573	Soil	0.009	0.05	1.54	11.6	58	0.39	0.17	0.01	0.04	45.21	6.6	13	0.75	11.2
1574	Soil	0.009	0.06	0.86	25.0	55	0.34	0.81	0.09	0.08	40.40	17.4	10	1.33	25.1
1575	Soil	0.029	0.08	0.94	70.4	41	0.37	0.28	0.57	0.10	22.76	11.3	14	0.50	25.1
1576	Soil	0.014	0.07	1.16	30.0	36	0.36	0.31	1.42	0.06	34.44	13.6	17	0.40	31.7
1577	Soil	0.005	0.04	0.94	14.5	46	0.37	0.29	0.34	0.05	40.50	6.1	8	0.24	16.6
1578	Soil	0.009	<0.01	1.32	14.2	63	0.53	0.30	0.09	0.02	47.43	9.4	16	0.58	19.3
1579	Soil	0.034	0.15	1.22	276.8	26	0.28	0.39	0.01	0.27	22.16	13.1	23	2.31	33.0
1580	Soil	0.032	0.28	0.97	102.6	37	0.30	0.40	0.01	0.20	22.00	15.0	20	1.01	32.6
1581	Soil	0.014	0.12	0.18	32.1	21	0.29	0.43	0.02	0.08	28.83	12.8	8	0.95	38.8
1582	Soil	0.055	0.19	1.53	171.9	36	0.34	0.37	0.05	0.12	19.67	13.1	23	1.53	27.9
1583	Soil	0.021	0.21	0.74	67.4	34	0.27	0.21	0.08	0.09	10.48	5.4	12	1.79	18.9
1584	Soil	0.031	0.16	1.44	191.6	52	0.48	0.41	0.07	0.44	11.89	12.3	27	2.62	43.8
1585	Soil	0.017	0.08	1.61	77.2	41	0.35	0.42	0.09	0.36	12.17	11.3	27	2.09	34.4
1586	Soil	0.029	0.29	2.12	60.7	49	0.44	0.43	0.11	0.30	17.30	13.3	34	3.08	35.4
1587	Soil	0.031	0.19	1.73	62.2	53	0.44	0.45	0.07	0.12	17.11	11.9	25	1.92	22.3
1588	Soil	0.011	0.19	1.03	21.5	27	0.41	0.35	0.03	0.14	15.53	16.9	19	1.54	44.5
1589	Soil	0.019	0.16	1.54	42.4	29	0.73	0.45	0.03	0.13	22.86	17.3	24	2.71	90.5
1590	Soil	0.026	0.18	1.72	49.8	39	0.69	0.49	0.03	0.16	18.05	17.4	26	3.33	68.5
1591	Soil	0.034	0.51	0.46	128.0	29	0.36	0.46	0.04	0.37	16.95	22.3	12	1.38	57.6
1592	Soil	0.053	0.38	0.78	96.2	33	0.27	0.41	<0.01	0.09	29.57	9.6	13	1.38	23.7
2512	Soil	0.023	0.10	0.24	94.2	23	0.22	0.28	0.22	0.11	14.02	9.2	10	0.99	23.1
2513	Soil	0.035	0.25	0.46	380.7	24	0.26	0.23	0.89	0.20	9.30	6.1	10	0.61	17.2

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2514	Soil	0.016	0.12	0.59	66.1	62	0.24	0.16	0.82	0.34	8.43	4.0	5	0.87	13.7
2515	Soil	0.037	0.05	0.44	142.1	38	0.27	0.29	0.42	0.29	12.54	8.4	12	0.90	17.2
2516	Soil	0.008	0.10	1.22	19.4	33	0.29	0.47	0.03	0.23	15.89	15.5	18	1.18	25.6
2517	Soil	0.011	<0.01	1.05	24.7	30	0.26	0.32	0.04	0.12	16.41	8.2	15	0.75	17.4
2518	Soil	0.012	0.51	0.91	114.1	36	0.21	0.46	0.03	0.84	24.32	5.8	11	0.53	17.9
2519	Soil	0.010	0.03	0.87	19.6	27	0.21	0.37	0.06	0.16	18.14	13.7	15	1.58	33.2
2520	Soil	0.012	0.37	0.91	29.6	53	0.40	0.18	1.04	0.08	10.11	10.3	9	1.17	25.5
2521	Soil	0.010	0.14	0.63	25.8	36	0.28	0.19	0.06	0.11	14.95	4.0	8	1.06	19.8
2522	Soil	0.017	0.08	1.88	39.5	103	0.66	0.42	0.18	0.15	36.48	18.6	33	1.76	46.0
2523	Soil	0.014	0.04	1.09	25.7	38	0.32	0.23	0.26	0.07	17.29	8.4	15	0.64	23.2
2524	Soil	0.018	0.03	1.67	45.6	36	0.44	0.39	0.47	0.08	25.16	18.4	24	0.43	45.5
2525	Soil	0.017	0.03	1.52	35.5	53	0.43	0.33	0.86	0.07	17.64	12.9	20	0.50	30.3
2526	Soil	0.052	0.03	1.26	42.7	39	0.37	0.30	0.92	0.09	17.31	12.9	19	0.39	26.9
2527	Soil	0.043	0.07	1.35	46.3	51	0.39	0.30	0.93	0.15	18.02	11.3	17	0.45	34.0
2528	Soil	0.016	0.02	1.43	48.4	41	0.41	0.35	0.56	0.09	20.62	13.2	20	0.38	31.4
2529	Soil	0.022	0.04	1.32	47.2	41	0.38	0.29	1.22	0.13	16.37	10.8	16	0.42	35.9
2530	Soil	0.069	0.09	1.54	63.8	40	0.44	0.33	0.57	0.10	30.61	15.0	24	0.53	35.6
2531	Soil	0.026	0.07	1.59	62.0	36	0.43	0.34	0.63	0.10	28.86	13.9	22	0.61	34.1
2532	Soil	0.019	0.04	1.32	50.9	37	0.36	0.29	1.22	0.11	19.30	13.1	18	0.50	28.8
2533	Soil	0.016	0.05	1.46	54.0	65	0.43	0.29	0.75	0.13	22.20	11.5	18	0.67	34.1
2534	Soil	0.021	0.04	1.33	55.5	53	0.39	0.29	1.08	0.10	20.77	10.9	16	0.50	28.3
2535	Soil	0.017	0.06	1.01	47.2	60	0.46	0.29	0.54	0.13	20.58	8.4	14	0.57	40.6
2536	Soil	0.022	0.02	1.34	56.1	56	0.50	0.32	0.18	0.06	30.28	10.8	19	0.52	26.6
2537	Soil	0.014	0.03	1.34	52.9	66	0.48	0.32	0.25	0.07	29.97	11.4	18	0.65	24.5
2538	Soil	0.013	0.06	1.15	45.8	77	0.51	0.34	0.66	0.10	25.62	12.6	17	0.70	24.9
2539	Soil	0.007	0.03	1.25	27.3	88	0.56	0.38	0.37	0.08	44.17	13.6	16	0.62	33.1
2540	Soil	0.006	0.02	1.34	18.5	70	0.65	0.37	0.37	0.05	51.73	14.2	19	0.48	32.4
2541	Soil	0.031	0.04	1.29	79.8	31	0.35	0.33	0.41	0.10	26.31	12.8	18	0.65	29.9
2542	Soil	<0.005	0.01	1.33	9.3	59	1.65	0.43	0.26	0.06	75.22	15.7	12	0.83	30.2
2543	Soil	0.008	0.03	0.61	13.1	61	0.51	0.23	1.36	0.14	29.63	6.2	5	0.33	14.6
2562	Soil	0.021	0.05	1.32	65.6	37	0.45	0.35	0.44	0.14	32.28	14.8	19	0.51	34.0
2563	Soil	0.014	0.09	1.47	62.5	47	0.47	0.33	0.60	0.17	25.76	13.2	19	0.59	35.5
2564	Soil	0.051	0.03	1.48	59.6	39	0.39	0.34	0.27	0.10	28.64	14.0	22	0.56	31.6
2565	Soil	0.026	0.12	1.39	60.4	49	0.43	0.32	0.72	0.08	24.61	11.8	18	0.59	31.9
2566	Soil	0.014	0.07	1.33	55.9	42	0.42	0.31	0.61	0.13	28.58	13.8	18	1.07	31.7
2567	Soil	0.021	<0.01	1.32	56.4	33	0.35	0.30	0.30	0.08	33.18	12.9	18	0.54	28.4
2568	Soil	0.018	0.10	1.44	57.0	56	0.43	0.34	0.64	0.08	26.79	11.6	17	0.67	30.7
2569	Soil	0.019	0.09	1.29	52.2	64	0.51	0.29	1.10	0.11	21.23	11.6	16	0.77	29.0
2570	Soil	0.017	0.04	1.28	42.9	61	0.42	0.28	0.38	0.18	22.68	10.6	16	0.71	25.7
2571	Soil	0.019	0.06	1.31	47.8	81	0.61	0.32	0.72	0.17	34.00	13.1	17	0.74	35.2

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2573	Soil	0.013	0.03	1.11	39.8	57	0.40	0.24	0.71	0.15	20.33	9.7	13	0.55	22.9
2574	Soil	0.009	0.01	1.19	37.6	56	0.48	0.29	0.28	0.09	30.16	10.9	14	0.60	24.4
2575	Soil	0.016	0.06	0.81	15.5	69	0.52	0.21	1.45	0.10	17.22	8.7	8	0.42	21.8
2576	Soil	0.017	0.05	1.18	59.0	37	0.44	0.33	0.53	0.11	31.44	11.7	16	0.57	32.7
2577	Soil	<0.005	0.05	0.70	16.7	125	0.61	0.47	1.46	0.12	33.23	18.3	12	0.46	35.9
2578	Soil	0.007	0.01	1.24	17.6	78	0.63	0.39	0.47	0.03	47.13	14.0	15	0.46	36.0
2579	Soil	0.007	<0.01	1.21	10.9	47	0.34	0.26	0.05	0.04	40.56	7.7	14	0.48	9.6
2580	Soil	0.008	<0.01	1.42	9.4	36	0.28	0.18	0.03	0.02	41.64	6.1	16	0.53	6.6
2581	Soil	0.007	<0.01	1.07	15.0	40	0.29	0.27	0.03	0.04	43.18	6.7	14	0.37	18.8
2582	Soil	0.005	<0.01	0.65	13.2	34	0.23	0.35	0.04	0.08	19.21	7.4	8	0.35	16.0
2583	Soil	0.008	0.07	1.21	18.6	48	0.34	0.35	<0.01	0.04	32.58	8.1	15	0.65	14.8
2584	Soil	0.005	<0.01	0.71	12.8	32	0.15	0.20	0.04	0.03	24.35	4.3	9	0.33	9.4
2585	Soil	0.006	0.02	0.97	20.1	50	0.38	0.31	1.18	0.08	23.16	10.7	12	0.32	24.6
2586	Soil	0.007	<0.01	1.09	25.6	67	0.59	0.37	0.33	0.05	28.17	10.0	11	0.40	23.5
2587	Soil	<0.005	<0.01	0.90	9.7	43	0.24	0.27	0.06	0.04	36.17	6.2	10	0.42	14.4
2588	Soil	0.008	<0.01	0.77	4.4	49	0.16	0.26	0.30	0.05	27.92	4.1	8	0.51	4.0
2589	Soil	<0.005	<0.01	0.57	7.5	36	0.15	0.13	0.09	0.02	16.49	3.2	6	0.28	7.8
2590	Soil	0.005	0.03	1.13	11.7	41	0.39	0.39	0.03	0.06	39.67	9.1	12	1.07	23.3
2591	Soil	<0.005	0.03	0.75	3.6	41	0.33	0.21	1.13	0.16	21.95	8.7	11	0.57	12.9
2592	Soil	<0.005	<0.01	1.19	7.5	67	0.23	0.29	0.08	0.04	44.47	4.6	13	0.57	5.4
2593	Soil	<0.005	<0.01	0.74	1.6	40	0.09	0.14	0.05	0.02	23.97	2.1	6	0.58	1.8
2594	Soil	0.008	0.20	1.26	11.3	88	0.63	0.32	1.04	0.08	29.05	9.3	15	0.40	27.1
2595	Soil	0.009	<0.01	1.69	10.2	78	0.66	0.34	0.08	0.02	59.59	11.1	20	0.61	21.9
2596	Soil	<0.005	<0.01	1.77	13.9	76	0.66	0.32	0.08	0.02	51.70	9.4	20	0.58	19.7
2597	Soil	0.008	0.03	1.05	7.4	98	0.40	0.31	0.53	0.06	32.24	6.1	11	0.68	13.9
2598	Soil	0.008	0.03	0.31	0.8	17	0.16	0.05	0.16	0.02	7.06	1.1	2	0.13	3.9

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
894	Soil	4.39	4.21	<0.05	0.07	0.03	0.04	31.4	31.0	0.35	279	0.66	0.01	0.33	28.7
895	Soil	3.48	4.27	<0.05	0.03	0.02	0.02	31.5	16.8	0.20	182	0.51	<0.01	0.42	13.8
896	Soil	4.08	4.21	<0.05	0.10	0.06	0.03	27.7	35.8	0.39	2508	0.77	0.01	0.53	41.7
897	Soil	0.79	2.60	<0.05	<0.02	<0.01	0.03	11.7	4.8	0.09	42	0.26	0.02	0.13	4.7
898	Soil	3.43	3.99	<0.05	0.07	0.02	0.03	12.6	29.7	0.50	715	0.58	0.01	0.36	30.3
899	Soil	3.15	4.11	<0.05	0.07	0.02	0.03	14.0	30.6	0.53	573	0.58	<0.01	0.45	29.2
900	Soil	3.33	4.57	<0.05	0.12	0.02	0.04	20.1	40.4	0.69	487	0.45	<0.01	0.14	34.0
901	Soil	3.12	4.25	<0.05	0.16	0.03	0.05	10.9	29.7	0.54	603	0.70	0.01	0.51	33.8
902	Soil	3.33	4.39	<0.05	0.16	0.02	0.04	12.1	35.1	0.58	483	0.53	<0.01	0.30	27.9
903	Soil	3.65	4.54	<0.05	0.22	0.03	0.06	11.3	45.8	0.66	524	0.63	0.01	0.22	32.8
904	Soil	3.37	4.30	<0.05	<0.02	0.02	0.04	28.1	30.1	0.42	204	0.35	<0.01	0.23	21.9
905	Soil	2.78	4.38	<0.05	<0.02	0.02	0.03	23.7	21.2	0.21	188	0.50	<0.01	0.72	12.6
906	Soil	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
907	Soil	3.14	4.71	<0.05	<0.02	0.02	0.05	21.9	19.7	0.27	267	0.68	<0.01	0.65	16.4
908	Soil	3.18	3.90	<0.05	0.02	0.02	0.03	24.6	27.5	0.42	212	0.30	<0.01	0.22	22.5
909	Soil	3.10	3.40	<0.05	0.05	0.02	0.04	21.2	35.2	0.44	406	0.34	<0.01	0.08	29.0
910	Soil	3.21	3.48	<0.05	0.11	0.02	0.04	18.2	32.4	0.49	439	0.37	<0.01	0.14	29.6
911	Soil	2.74	3.20	<0.05	0.16	0.02	0.06	14.1	28.0	0.43	324	0.35	0.01	0.19	24.9
912	Soil	2.55	3.16	<0.05	0.15	0.02	0.06	12.6	26.5	0.42	329	0.29	0.01	0.24	21.5
913	Soil	3.04	3.29	<0.05	0.10	0.02	0.05	21.9	31.0	0.43	471	0.31	<0.01	0.16	26.6
914	Soil	3.11	3.61	<0.05	0.11	0.02	0.06	19.0	30.3	0.45	502	0.47	<0.01	0.41	27.6
915	Soil	2.78	3.21	<0.05	0.16	0.02	0.07	11.0	26.6	0.41	373	0.35	0.01	0.29	22.6
916	Soil	2.31	1.54	<0.05	0.09	0.02	0.04	14.2	8.9	0.16	294	0.27	0.01	0.18	16.8
917	Soil	3.32	1.70	<0.05	<0.02	0.03	0.04	21.6	3.6	0.09	257	0.80	<0.01	0.16	19.3
918	Soil	4.41	6.03	<0.05	0.10	0.03	0.02	34.4	64.7	0.65	202	0.50	<0.01	0.27	28.9
919	Soil	3.11	3.87	<0.05	0.04	0.03	0.02	24.2	54.6	0.47	378	0.32	<0.01	0.40	22.5
920	Soil	5.23	3.11	0.06	0.10	0.07	0.07	29.1	31.3	0.16	573	0.43	0.01	0.28	34.1
921	Soil	2.81	4.61	<0.05	0.02	0.02	0.04	31.9	16.2	0.21	129	0.38	<0.01	0.41	16.1
922	Soil	4.14	3.90	<0.05	<0.02	0.03	0.04	25.3	18.1	0.20	333	0.52	<0.01	0.46	20.4
923	Soil	2.28	2.09	<0.05	0.09	0.03	0.04	11.8	16.8	0.31	666	0.31	0.02	0.49	27.4
924	Soil	4.16	3.47	<0.05	0.12	0.03	0.03	28.8	50.7	0.53	478	0.32	<0.01	0.11	32.3
925	Soil	3.43	3.78	<0.05	0.09	0.03	0.05	25.2	40.6	0.49	486	0.43	<0.01	0.33	28.4
926	Soil	3.24	3.91	<0.05	0.06	0.02	0.05	29.4	40.8	0.51	314	0.28	<0.01	0.18	28.0
927	Soil	3.25	4.12	<0.05	0.05	0.02	0.05	26.2	46.5	0.50	284	0.33	<0.01	0.21	26.3
928	Soil	2.23	4.45	<0.05	0.40	0.02	0.05	31.8	27.2	0.31	137	0.30	<0.01	0.33	15.8
929	Soil	3.08	4.06	<0.05	0.11	0.02	0.10	29.6	39.1	0.47	257	0.33	0.01	0.24	27.5
930	Soil	3.31	3.62	<0.05	0.10	0.03	0.04	20.3	33.1	0.31	515	0.46	0.01	0.35	19.0
931	Soil	2.97	2.78	<0.05	0.08	0.03	0.05	18.2	24.4	0.28	485	0.35	0.01	0.82	28.8
932	Soil	2.85	3.53	<0.05	0.08	0.03	0.04	17.6	37.1	0.45	468	0.38	0.01	0.75	26.7
933	Soil	3.25	4.10	<0.05	0.07	0.02	0.07	35.8	41.2	0.48	198	0.33	<0.01	0.11	28.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
934	Soil	3.13	4.21	<0.05	0.06	0.03	0.03	20.5	41.6	0.46	383	0.42	<0.01	0.61	21.2
935	Soil	3.32	3.03	<0.05	0.07	0.03	0.03	23.4	37.2	0.43	362	0.31	<0.01	0.18	25.7
936	Soil	4.06	2.96	<0.05	0.11	0.04	0.02	22.5	40.4	0.49	720	0.40	<0.01	0.09	36.5
937	Soil	3.03	3.56	<0.05	0.11	0.03	0.04	16.9	33.6	0.47	570	0.35	0.01	0.39	23.8
938	Soil	3.64	3.30	<0.05	0.09	0.03	0.06	22.9	37.4	0.48	413	0.46	0.01	0.28	32.2
939	Soil	3.25	4.20	<0.05	0.14	0.02	0.09	23.4	40.9	0.56	389	0.33	0.01	0.30	30.2
940	Soil	3.27	4.17	<0.05	0.14	0.02	0.10	28.9	41.4	0.56	451	0.69	0.01	0.29	32.1
941	Soil	3.15	4.04	<0.05	0.14	0.02	0.11	27.3	41.8	0.54	406	0.37	0.01	0.25	28.2
942	Soil	2.84	3.88	<0.05	0.16	0.02	0.07	19.7	36.7	0.48	451	0.29	0.01	0.28	27.4
943	Soil	2.60	3.74	<0.05	0.08	0.02	0.06	15.8	29.8	0.38	583	0.33	<0.01	0.50	20.4
944	Soil	3.16	4.16	<0.05	0.16	0.02	0.09	22.7	40.0	0.57	481	0.44	<0.01	0.22	32.1
945	Soil	3.25	4.38	<0.05	0.15	0.02	0.11	26.5	41.7	0.62	483	0.41	0.01	0.23	31.5
946	Soil	2.97	4.37	<0.05	0.05	0.03	0.07	31.4	45.3	0.49	187	0.32	<0.01	0.33	26.7
947	Soil	3.22	4.99	<0.05	0.05	0.02	0.07	38.6	48.1	0.57	341	0.30	<0.01	0.32	27.8
948	Soil	3.62	5.68	<0.05	0.09	0.07	0.03	31.3	32.0	0.42	1950	0.46	0.01	1.07	29.6
949	Soil	3.23	4.84	<0.05	0.08	0.03	0.03	23.5	40.9	0.62	600	0.51	<0.01	0.82	28.4
950	Soil	2.39	4.25	<0.05	0.04	0.03	0.04	16.7	33.8	0.39	429	0.54	0.02	0.66	16.5
1532	Soil	1.36	2.41	<0.05	<0.02	<0.01	0.03	7.0	0.9	0.02	1284	0.55	0.02	0.11	10.2
1533	Soil	4.51	5.15	<0.05	<0.02	0.03	0.03	14.8	23.4	0.37	309	0.80	<0.01	0.59	26.2
1534	Soil	3.13	4.33	<0.05	0.02	0.02	0.03	16.0	21.4	0.31	342	0.58	0.01	0.33	21.0
1535	Soil	1.00	2.69	<0.05	<0.02	<0.01	0.03	6.2	1.1	0.02	2119	0.52	0.03	0.13	5.9
1536	Soil	2.94	3.71	<0.05	<0.02	0.03	0.05	19.9	19.8	0.24	488	0.65	0.01	0.26	21.4
1537	Soil	3.87	5.15	<0.05	0.03	0.02	0.04	34.5	54.6	0.73	286	0.36	<0.01	0.10	36.2
1538	Soil	3.48	4.36	<0.05	0.03	0.02	0.04	32.1	44.2	0.68	303	0.33	<0.01	0.09	32.5
1539	Soil	3.55	4.36	<0.05	0.07	0.03	0.05	25.0	42.8	0.59	404	0.61	<0.01	0.09	34.9
1540	Soil	3.93	3.73	<0.05	0.04	0.02	0.03	25.5	34.3	0.49	495	0.47	<0.01	0.05	40.5
1541	Soil	3.45	3.96	<0.05	0.07	0.02	0.04	19.5	35.3	0.51	295	0.51	<0.01	0.11	32.9
1542	Soil	3.34	4.09	<0.05	0.13	0.02	0.04	16.4	38.4	0.52	389	0.36	0.01	0.12	34.0
1543	Soil	3.55	4.60	<0.05	0.45	0.02	0.03	15.0	43.3	0.62	392	0.37	<0.01	0.11	34.6
1544	Soil	3.56	4.84	<0.05	0.16	0.02	0.03	13.6	44.7	0.58	390	0.38	<0.01	0.16	33.8
1545	Soil	3.35	4.36	<0.05	0.12	0.02	0.03	13.1	39.7	0.57	367	0.42	<0.01	0.13	30.8
1546	Soil	2.72	3.63	<0.05	0.12	0.02	0.03	9.0	31.2	0.42	474	0.35	0.01	0.21	22.8
1547	Soil	3.53	4.66	<0.05	0.12	0.02	0.04	13.8	45.2	0.63	393	0.46	<0.01	0.18	31.9
1548	Soil	3.57	4.61	<0.05	0.09	0.02	0.03	16.1	45.9	0.62	380	0.37	<0.01	0.22	29.3
1549	Soil	3.65	4.51	<0.05	0.17	0.03	0.04	11.4	38.1	0.54	657	0.52	<0.01	0.34	35.8
1550	Soil	1.13	2.48	<0.05	0.06	<0.01	0.03	4.6	10.4	0.13	83	0.28	0.02	0.27	9.5
1551	Soil	3.00	3.89	<0.05	0.05	0.03	0.06	10.3	25.2	0.30	312	0.56	<0.01	0.42	23.9
1552	Soil	2.52	3.68	<0.05	0.04	0.02	0.05	9.7	18.2	0.24	255	1.07	0.01	0.41	22.0
1553	Soil	3.30	4.12	<0.05	0.03	0.02	0.03	26.3	23.7	0.33	176	0.33	<0.01	0.32	18.8
1554	Soil	3.15	3.32	<0.05	0.07	0.02	0.05	15.0	34.8	0.35	601	0.29	<0.01	0.24	27.7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1555	Soil	2.80	3.49	<0.05	0.04	0.02	0.03	19.1	27.7	0.35	210	0.33	<0.01	0.42	17.1
1556	Soil	2.55	1.74	<0.05	0.12	0.02	0.03	9.0	13.2	0.27	445	0.46	<0.01	0.17	23.0
1557	Soil	2.84	2.71	<0.05	0.08	0.02	0.03	13.5	26.7	0.37	414	0.33	<0.01	0.16	20.4
1558	Soil	3.06	3.40	<0.05	0.07	0.03	0.03	15.3	29.0	0.36	378	0.40	<0.01	0.49	20.0
1559	Soil	4.27	0.94	<0.05	0.08	0.05	0.02	27.8	4.0	0.07	746	0.32	<0.01	0.08	32.1
1560	Soil	3.43	3.12	<0.05	0.07	0.03	0.03	19.7	26.1	0.31	403	0.36	<0.01	0.43	21.8
1561	Soil	4.13	1.65	<0.05	0.07	0.06	0.04	30.4	11.9	0.18	689	0.48	<0.01	0.18	35.5
1562	Soil	3.16	2.41	<0.05	0.08	0.04	0.04	18.0	18.5	0.25	566	0.61	0.01	0.30	27.3
1563	Soil	2.97	3.22	<0.05	0.14	0.03	0.03	14.2	32.1	0.37	479	0.40	0.01	0.30	26.4
1564	Soil	2.77	2.92	<0.05	0.14	0.02	0.04	12.4	26.4	0.40	482	0.30	0.02	0.34	27.2
1565	Soil	3.16	3.14	<0.05	0.11	0.03	0.05	16.0	31.3	0.44	599	0.37	<0.01	0.25	30.2
1566	Soil	3.68	2.62	<0.05	0.09	0.04	0.04	12.2	24.6	0.35	659	0.57	<0.01	0.34	28.9
1567	Soil	3.20	3.36	<0.05	0.13	0.03	0.05	13.1	31.4	0.45	463	0.32	<0.01	0.25	27.8
1568	Soil	3.17	3.22	<0.05	0.09	0.03	0.04	12.3	27.7	0.36	611	0.44	<0.01	0.71	23.8
1569	Soil	3.32	3.10	<0.05	0.13	0.02	0.04	15.1	29.7	0.36	455	0.39	0.01	0.21	32.3
1570	Soil	2.99	3.18	<0.05	0.13	0.03	0.05	13.4	31.6	0.46	553	0.44	0.01	0.26	25.9
1571	Soil	2.49	3.74	<0.05	0.06	0.01	0.03	11.4	24.6	0.25	281	0.59	0.02	0.26	16.3
1572	Soil	2.65	6.55	<0.05	0.04	0.02	0.02	19.6	14.9	0.14	384	0.56	<0.01	0.82	8.0
1573	Soil	2.27	3.57	<0.05	0.08	0.02	0.03	22.9	34.4	0.29	141	0.22	<0.01	0.28	14.6
1574	Soil	3.11	1.95	<0.05	0.05	0.02	0.03	21.7	22.3	0.20	154	0.52	<0.01	0.11	36.0
1575	Soil	2.86	2.61	<0.05	0.11	0.02	0.03	11.6	27.4	0.37	473	0.27	<0.01	0.16	23.2
1576	Soil	3.13	3.40	<0.05	0.11	0.02	0.04	17.2	36.8	0.49	440	0.28	<0.01	0.07	28.1
1577	Soil	2.25	4.26	<0.05	0.05	0.02	0.03	21.3	11.4	0.10	120	0.44	<0.01	0.34	10.3
1578	Soil	2.97	4.07	<0.05	0.04	0.03	0.04	22.2	36.3	0.39	270	0.31	<0.01	0.35	24.7
1579	Soil	3.56	5.58	<0.05	0.03	0.03	0.02	11.5	31.8	0.46	870	0.68	<0.01	0.22	26.3
1580	Soil	3.14	4.29	<0.05	0.02	0.02	0.02	10.9	23.6	0.34	1104	0.77	<0.01	0.15	29.2
1581	Soil	2.18	1.77	<0.05	<0.02	0.02	0.02	17.2	3.3	0.06	362	0.28	<0.01	<0.05	28.0
1582	Soil	3.47	5.22	<0.05	0.07	0.03	0.02	10.5	50.4	0.74	574	0.47	<0.01	0.11	34.5
1583	Soil	1.61	3.38	<0.05	<0.02	0.02	0.02	5.5	17.3	0.24	245	0.45	0.02	0.13	13.6
1584	Soil	3.51	6.30	<0.05	0.06	0.03	0.03	5.8	38.0	0.56	652	0.67	<0.01	0.18	30.5
1585	Soil	3.74	7.23	<0.05	0.08	0.03	0.02	5.8	43.9	0.61	473	0.47	<0.01	0.17	29.7
1586	Soil	4.01	7.68	<0.05	0.09	0.03	0.02	8.4	66.6	0.85	593	0.58	<0.01	0.12	40.7
1587	Soil	3.68	5.58	<0.05	0.17	0.02	0.03	8.7	47.4	0.60	567	0.48	<0.01	0.20	32.6
1588	Soil	3.28	3.67	<0.05	<0.02	0.02	0.02	7.9	22.3	0.33	781	0.69	<0.01	0.14	28.6
1589	Soil	4.20	5.51	<0.05	0.06	0.03	0.03	12.2	40.5	0.46	458	0.73	<0.01	0.33	32.7
1590	Soil	4.11	5.87	<0.05	0.08	0.03	0.04	10.0	43.7	0.57	466	0.74	<0.01	0.34	36.2
1591	Soil	3.56	3.08	<0.05	<0.02	0.03	0.03	9.2	6.1	0.11	816	0.65	<0.01	0.16	39.5
1592	Soil	2.88	5.29	<0.05	<0.02	0.02	0.03	16.2	12.2	0.14	461	0.53	<0.01	0.45	15.0
2512	Soil	1.69	1.22	<0.05	0.05	0.02	0.02	7.4	3.1	0.06	558	0.31	<0.01	0.06	18.8
2513	Soil	1.54	1.52	<0.05	0.14	0.01	0.03	4.9	6.4	0.14	261	0.63	0.01	0.17	15.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2514	Soil	0.97	2.03	<0.05	0.09	<0.01	0.02	4.5	6.2	0.11	251	0.27	0.02	0.29	8.0
2515	Soil	1.68	1.69	<0.05	0.09	0.01	0.03	6.6	6.5	0.13	418	0.67	<0.01	0.12	15.8
2516	Soil	3.68	6.08	<0.05	<0.02	0.02	0.03	8.3	23.6	0.30	809	0.65	0.01	0.59	15.7
2517	Soil	2.97	5.34	<0.05	0.02	0.03	0.02	7.9	23.0	0.27	316	0.52	0.02	0.53	15.2
2518	Soil	2.79	6.83	<0.05	<0.02	0.04	0.03	12.4	10.1	0.13	238	0.73	<0.01	0.82	12.1
2519	Soil	2.08	3.49	<0.05	<0.02	0.01	0.02	9.8	27.4	0.36	195	0.33	0.01	0.08	25.6
2520	Soil	1.48	2.80	<0.05	0.10	0.01	0.02	5.2	10.2	0.18	534	0.33	0.02	0.43	17.9
2521	Soil	1.36	3.04	<0.05	<0.02	0.01	0.02	8.0	9.0	0.12	109	0.32	0.01	0.31	10.6
2522	Soil	3.67	5.98	<0.05	0.12	0.03	0.05	17.7	54.1	0.66	325	0.65	<0.01	1.79	44.5
2523	Soil	2.16	3.46	<0.05	0.08	0.01	0.04	8.5	31.9	0.44	274	0.31	0.02	0.34	23.1
2524	Soil	3.59	5.43	<0.05	0.19	0.02	0.05	12.6	49.5	0.79	587	0.43	<0.01	0.11	40.6
2525	Soil	3.02	4.50	<0.05	0.17	0.02	0.03	9.2	41.0	0.61	428	0.32	<0.01	0.38	29.0
2526	Soil	2.67	3.97	<0.05	0.13	0.02	0.03	8.3	37.7	0.56	479	0.38	<0.01	0.31	27.4
2527	Soil	2.68	4.39	<0.05	0.14	0.02	0.04	9.6	35.6	0.55	398	0.36	0.01	0.33	30.0
2528	Soil	3.10	4.29	<0.05	0.13	0.02	0.04	10.4	40.8	0.63	394	0.36	<0.01	0.28	30.5
2529	Soil	2.68	4.03	<0.05	0.16	0.02	0.06	8.6	36.0	0.55	363	0.32	<0.01	0.31	30.5
2530	Soil	3.48	4.73	<0.05	0.42	0.02	0.06	15.6	46.6	0.68	524	0.54	<0.01	0.27	37.4
2531	Soil	3.44	5.06	<0.05	0.20	0.02	0.05	14.5	45.6	0.74	469	0.40	<0.01	0.30	35.0
2532	Soil	2.80	4.03	<0.05	0.22	0.01	0.05	9.7	37.1	0.59	495	0.33	<0.01	0.30	29.5
2533	Soil	2.81	4.41	<0.05	0.15	0.02	0.05	11.7	37.8	0.54	382	0.35	0.01	0.29	32.1
2534	Soil	2.67	3.99	<0.05	0.17	0.02	0.05	10.3	36.7	0.52	406	0.29	<0.01	0.29	28.1
2535	Soil	2.42	3.51	<0.05	0.11	0.02	0.04	10.0	21.9	0.31	297	0.31	0.01	0.29	24.8
2536	Soil	3.17	4.17	<0.05	0.12	0.02	0.05	15.6	34.5	0.49	334	0.32	<0.01	0.19	28.6
2537	Soil	3.04	4.32	<0.05	0.09	0.02	0.04	14.7	32.4	0.43	359	0.37	<0.01	0.25	27.0
2538	Soil	3.17	4.00	<0.05	0.07	0.02	0.04	12.3	26.0	0.35	507	0.50	<0.01	0.38	26.1
2539	Soil	3.44	3.88	<0.05	0.09	0.03	0.05	21.7	36.0	0.44	428	0.33	<0.01	0.23	35.6
2540	Soil	3.40	4.20	<0.05	0.11	0.03	0.06	27.3	41.1	0.51	484	0.30	<0.01	0.12	35.7
2541	Soil	3.04	4.11	<0.05	0.12	0.02	0.04	13.1	38.7	0.56	369	0.28	<0.01	0.17	30.5
2542	Soil	3.83	2.58	<0.05	0.10	0.05	0.03	31.6	18.7	0.19	195	0.40	<0.01	0.13	36.8
2543	Soil	1.93	1.51	<0.05	0.08	0.02	0.04	11.5	4.5	0.07	267	0.39	0.01	0.25	12.4
2562	Soil	3.12	4.52	<0.05	0.10	0.02	0.04	16.4	42.3	0.59	482	0.43	<0.01	0.26	34.7
2563	Soil	3.07	4.49	<0.05	0.12	0.02	0.06	13.1	40.5	0.60	536	0.39	<0.01	0.32	31.9
2564	Soil	3.32	4.73	<0.05	0.08	0.02	0.05	14.2	42.0	0.65	469	0.49	<0.01	0.27	32.9
2565	Soil	2.90	4.39	<0.05	0.15	0.02	0.04	12.8	38.0	0.58	361	0.40	<0.01	0.32	31.1
2566	Soil	2.87	4.07	<0.05	0.09	0.02	0.04	14.3	39.4	0.58	687	0.34	<0.01	0.29	31.2
2567	Soil	2.93	4.37	<0.05	0.06	0.02	0.03	16.8	38.8	0.58	380	0.33	<0.01	0.27	30.5
2568	Soil	2.87	4.22	<0.05	0.12	0.02	0.04	13.7	40.9	0.56	373	0.27	<0.01	0.28	29.8
2569	Soil	2.66	4.13	<0.05	0.11	0.02	0.04	11.0	34.7	0.46	477	0.27	<0.01	0.34	28.4
2570	Soil	2.59	4.03	<0.05	0.09	0.02	0.04	11.6	32.4	0.44	331	0.33	0.01	0.30	27.7
2571	Soil	3.14	3.80	<0.05	0.11	0.02	0.05	16.6	32.8	0.42	664	0.40	<0.01	0.26	35.9

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2573	Soil	2.27	3.47	<0.05	0.09	0.02	0.03	9.8	26.0	0.37	307	0.28	0.01	0.33	22.7
2574	Soil	2.60	3.81	<0.05	0.10	0.02	0.05	14.1	29.3	0.37	304	0.31	0.01	0.32	25.7
2575	Soil	1.90	2.27	<0.05	0.12	0.02	0.03	8.8	16.6	0.22	500	0.23	0.02	0.24	20.6
2576	Soil	2.71	3.82	<0.05	0.10	0.02	0.04	15.2	38.0	0.50	200	0.23	<0.01	0.19	30.6
2577	Soil	2.69	2.13	<0.05	0.08	0.02	0.06	16.4	19.2	0.21	504	0.45	<0.01	0.12	35.8
2578	Soil	3.29	3.48	<0.05	0.09	0.03	0.07	24.1	31.3	0.36	418	0.32	<0.01	0.13	34.6
2579	Soil	2.59	4.38	<0.05	0.03	0.02	0.03	20.1	28.6	0.34	178	0.34	<0.01	0.52	17.6
2580	Soil	2.57	6.11	<0.05	0.03	0.01	0.03	21.2	41.8	0.58	148	0.33	<0.01	0.89	16.2
2581	Soil	2.84	4.25	<0.05	0.03	0.02	0.05	22.1	28.7	0.32	145	0.37	<0.01	0.29	20.0
2582	Soil	2.50	4.10	<0.05	0.04	0.01	0.02	9.9	10.0	0.09	158	0.55	0.01	0.28	10.9
2583	Soil	3.18	4.99	<0.05	0.40	0.02	0.03	16.0	31.6	0.33	161	0.52	<0.01	0.53	19.2
2584	Soil	1.97	3.46	<0.05	0.13	0.01	0.02	12.6	16.9	0.20	98	0.32	0.01	0.36	11.9
2585	Soil	2.46	3.12	<0.05	0.13	0.02	0.03	11.2	27.7	0.30	275	0.31	<0.01	0.23	24.1
2586	Soil	2.95	2.96	<0.05	0.09	0.03	0.02	13.9	26.3	0.25	324	0.31	<0.01	0.19	23.5
2587	Soil	2.38	3.59	<0.05	0.05	0.02	0.03	18.5	25.6	0.24	137	0.30	<0.01	0.25	14.9
2588	Soil	1.65	3.64	<0.05	0.06	0.01	0.03	14.4	18.5	0.18	119	0.35	<0.01	0.49	7.6
2589	Soil	1.22	2.21	<0.05	0.04	<0.01	0.03	8.3	11.9	0.14	53	0.17	0.02	0.27	7.9
2590	Soil	3.83	4.93	<0.05	0.07	0.04	0.03	17.8	25.2	0.16	225	0.66	<0.01	0.47	19.9
2591	Soil	1.90	2.54	<0.05	0.09	0.02	0.02	8.4	26.4	0.23	453	0.30	<0.01	0.21	14.0
2592	Soil	2.05	5.25	<0.05	0.03	0.02	0.03	22.2	28.6	0.32	115	0.43	<0.01	0.76	11.4
2593	Soil	0.84	3.38	<0.05	0.03	<0.01	0.02	12.0	18.1	0.17	59	0.11	0.01	0.28	5.4
2594	Soil	2.57	3.93	<0.05	0.11	0.03	0.03	15.3	33.1	0.42	314	0.27	0.01	0.60	25.3
2595	Soil	3.18	4.80	<0.05	0.07	0.02	0.04	29.2	58.6	0.56	225	0.22	<0.01	0.18	31.3
2596	Soil	2.97	4.97	<0.05	0.09	0.03	0.05	26.6	49.9	0.54	189	0.25	<0.01	0.19	26.2
2597	Soil	2.20	4.02	<0.05	0.05	0.02	0.04	16.6	27.5	0.25	157	0.40	<0.01	0.29	14.5
2598	Soil	0.39	1.00	<0.05	0.03	<0.01	0.02	3.1	2.0	0.03	17	0.09	0.03	0.16	2.0

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
894	Soil	608	31.2	6.9	<0.01	0.01	4.31	2.2	<0.2	0.3	14.6	<0.01	0.11	9.5	<0.005
895	Soil	360	18.6	5.2	<0.01	<0.01	3.61	1.2	<0.2	0.4	6.4	<0.01	0.04	8.3	<0.005
896	Soil	1106	56.3	5.0	<0.01	0.06	0.90	5.1	1.1	0.3	115.3	0.02	0.03	5.7	0.007
897	Soil	304	3.9	2.7	<0.01	0.01	0.20	0.2	<0.2	<0.2	5.9	<0.01	0.02	<0.2	<0.005
898	Soil	759	22.0	5.3	<0.01	0.07	0.96	1.4	0.5	0.2	40.3	0.01	0.09	1.7	0.006
899	Soil	665	20.9	6.1	<0.01	0.04	0.78	1.5	0.3	0.3	27.6	<0.01	0.07	2.9	0.008
900	Soil	475	24.2	2.7	<0.01	0.02	0.73	2.0	0.3	<0.2	21.5	<0.01	0.06	6.7	<0.005
901	Soil	1058	24.8	6.2	<0.01	0.08	0.90	1.9	1.1	0.3	48.6	<0.01	0.07	2.6	0.008
902	Soil	490	29.8	4.8	<0.01	0.03	0.66	1.9	0.4	0.2	23.2	<0.01	0.05	4.9	<0.005
903	Soil	722	30.7	5.5	<0.01	0.07	0.77	2.1	0.9	0.2	37.7	<0.01	0.08	5.1	<0.005
904	Soil	321	17.7	6.4	<0.01	<0.01	0.76	1.2	0.2	0.2	5.0	<0.01	0.05	7.9	<0.005
905	Soil	454	13.2	6.6	<0.01	<0.01	0.59	1.0	0.3	0.4	5.8	<0.01	0.02	5.6	0.006
906	Soil	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
907	Soil	288	59.0	6.1	<0.01	0.01	0.74	1.0	<0.2	0.4	9.0	<0.01	0.04	5.1	0.006
908	Soil	207	21.9	4.9	<0.01	<0.01	0.79	1.3	<0.2	0.2	5.2	<0.01	0.04	6.9	<0.005
909	Soil	345	20.8	5.5	<0.01	<0.01	0.89	1.9	<0.2	<0.2	8.8	<0.01	0.06	7.2	<0.005
910	Soil	448	27.4	3.0	<0.01	0.02	0.91	2.0	0.3	<0.2	21.5	<0.01	0.06	8.8	<0.005
911	Soil	537	20.1	4.2	<0.01	0.05	0.82	1.9	0.4	<0.2	43.1	<0.01	0.06	5.4	<0.005
912	Soil	610	20.6	4.4	<0.01	0.06	0.67	1.8	0.4	<0.2	49.8	<0.01	0.03	4.0	<0.005
913	Soil	356	22.8	3.7	<0.01	0.02	0.79	2.1	0.4	<0.2	19.5	<0.01	0.02	6.9	<0.005
914	Soil	437	24.0	5.9	<0.01	0.04	0.86	2.3	0.4	0.3	35.0	<0.01	0.05	4.7	0.005
915	Soil	596	20.6	6.3	<0.01	0.06	0.81	1.9	0.6	0.2	45.7	<0.01	0.04	3.9	<0.005
916	Soil	472	23.0	5.7	<0.01	0.04	2.33	1.9	0.4	<0.2	71.6	<0.01	0.03	2.9	<0.005
917	Soil	390	32.0	7.0	<0.01	<0.01	2.37	1.8	<0.2	0.3	11.7	<0.01	0.03	5.0	<0.005
918	Soil	416	25.3	5.0	<0.01	<0.01	0.49	1.8	0.2	0.3	3.6	<0.01	0.04	11.1	<0.005
919	Soil	145	8.4	5.1	<0.01	<0.01	0.83	1.6	<0.2	0.3	7.0	<0.01	0.02	8.7	<0.005
920	Soil	8504	35.7	10.1	<0.01	0.03	1.25	6.0	0.7	0.4	160.9	<0.01	0.03	12.0	<0.005
921	Soil	261	12.7	4.2	<0.01	<0.01	1.05	1.2	<0.2	0.4	8.5	<0.01	0.04	7.5	<0.005
922	Soil	300	18.4	5.6	<0.01	0.01	1.32	2.5	0.2	0.4	14.1	<0.01	0.03	5.9	<0.005
923	Soil	781	13.6	4.6	<0.01	0.07	0.85	3.5	0.9	0.3	132.8	0.01	0.02	2.1	0.009
924	Soil	496	38.4	2.7	<0.01	0.02	0.56	3.8	0.5	0.2	38.8	<0.01	0.02	10.4	<0.005
925	Soil	382	22.3	5.6	<0.01	0.02	0.69	3.3	0.5	0.3	49.5	<0.01	0.01	7.5	<0.005
926	Soil	239	20.4	5.2	<0.01	<0.01	0.57	2.3	<0.2	0.2	37.3	<0.01	0.02	10.7	<0.005
927	Soil	212	18.6	5.6	<0.01	0.01	0.64	1.9	<0.2	0.3	38.2	<0.01	0.02	8.9	<0.005
928	Soil	258	14.4	7.2	<0.01	0.01	0.40	1.4	<0.2	0.3	53.6	<0.01	0.02	6.3	<0.005
929	Soil	236	21.4	8.2	<0.01	0.01	0.69	2.5	<0.2	0.3	26.6	<0.01	0.03	9.4	<0.005
930	Soil	286	23.8	8.3	<0.01	0.02	1.29	1.5	<0.2	0.3	40.4	<0.01	0.04	6.8	<0.005
931	Soil	534	23.0	7.1	<0.01	0.05	1.69	2.5	0.6	0.3	97.0	<0.01	0.02	3.4	0.006
932	Soil	475	23.7	5.3	<0.01	0.05	1.23	2.4	0.5	0.3	79.4	<0.01	0.04	3.8	0.009
933	Soil	120	20.8	7.4	<0.01	<0.01	1.59	2.6	0.2	0.2	13.8	<0.01	<0.01	12.7	<0.005

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
934	Soil	297	19.4	6.2	<0.01	0.02	0.73	2.0	<0.2	0.4	40.7	<0.01	0.03	6.0	<0.005
935	Soil	672	21.1	2.7	<0.01	0.01	1.77	3.1	0.2	<0.2	24.2	<0.01	0.02	9.3	<0.005
936	Soil	637	43.2	3.6	<0.01	0.04	1.25	6.9	0.5	<0.2	47.9	<0.01	0.03	9.1	<0.005
937	Soil	971	21.6	7.6	<0.01	0.06	0.81	2.9	0.5	0.2	94.8	<0.01	0.02	3.5	0.005
938	Soil	603	38.3	4.2	<0.01	0.04	1.42	3.6	0.5	0.2	65.7	<0.01	0.02	5.9	<0.005
939	Soil	543	19.4	5.7	<0.01	0.03	0.82	2.6	0.2	0.2	60.3	<0.01	0.03	7.7	<0.005
940	Soil	502	22.8	6.4	<0.01	0.03	0.95	2.7	<0.2	0.2	62.5	<0.01	0.03	10.5	<0.005
941	Soil	285	20.6	6.3	<0.01	0.02	0.75	2.5	0.4	0.2	44.4	<0.01	0.03	11.0	<0.005
942	Soil	472	18.7	5.0	<0.01	0.03	0.79	2.2	0.2	0.2	69.0	<0.01	0.04	7.0	<0.005
943	Soil	467	17.9	7.0	<0.01	0.04	0.71	1.8	0.4	0.3	87.1	<0.01	0.01	3.9	0.005
944	Soil	513	22.5	5.4	<0.01	0.03	0.99	2.5	0.2	0.2	122.5	<0.01	0.02	10.0	<0.005
945	Soil	522	20.6	6.8	<0.01	0.03	0.86	2.7	0.2	0.2	142.9	<0.01	0.03	10.7	<0.005
946	Soil	223	17.1	7.7	<0.01	0.01	0.47	2.0	<0.2	0.3	20.0	<0.01	0.02	9.5	<0.005
947	Soil	336	19.7	7.5	<0.01	<0.01	0.54	2.2	0.4	0.4	13.7	<0.01	0.03	11.0	<0.005
948	Soil	1032	34.8	6.1	<0.01	0.06	0.37	5.3	1.2	0.7	130.0	0.02	0.03	2.7	0.013
949	Soil	602	22.7	5.4	<0.01	0.04	0.51	3.0	1.0	0.5	68.0	<0.01	0.03	4.7	0.010
950	Soil	357	21.7	5.7	<0.01	0.03	0.40	1.8	0.4	0.4	67.3	<0.01	<0.01	4.5	0.007
1532	Soil	681	18.2	3.8	<0.01	0.03	0.27	0.1	0.3	0.3	6.0	<0.01	<0.01	<0.2	<0.005
1533	Soil	917	24.7	4.9	<0.01	0.02	0.97	1.0	0.3	0.4	5.0	<0.01	0.07	3.9	0.006
1534	Soil	419	17.7	5.2	<0.01	0.01	0.77	0.9	<0.2	0.3	4.5	<0.01	0.05	4.2	<0.005
1535	Soil	426	20.4	3.3	<0.01	0.02	0.26	0.2	<0.2	0.3	8.1	<0.01	<0.01	<0.2	0.007
1536	Soil	529	67.8	8.3	<0.01	0.02	1.85	0.8	<0.2	0.5	27.9	<0.01	0.06	2.0	<0.005
1537	Soil	246	20.6	4.8	<0.01	<0.01	0.72	1.3	<0.2	<0.2	6.1	<0.01	0.06	8.5	<0.005
1538	Soil	248	24.8	3.1	<0.01	<0.01	0.82	1.3	<0.2	<0.2	4.1	<0.01	0.05	8.4	<0.005
1539	Soil	417	48.3	4.4	<0.01	0.02	1.00	1.6	<0.2	0.2	10.7	<0.01	0.08	6.9	<0.005
1540	Soil	350	37.7	2.8	<0.01	<0.01	1.78	1.8	<0.2	<0.2	11.4	<0.01	0.09	9.2	<0.005
1541	Soil	424	34.4	4.3	<0.01	0.02	1.10	1.3	<0.2	0.2	8.6	<0.01	0.08	6.3	<0.005
1542	Soil	443	30.9	4.0	<0.01	0.01	1.11	1.7	<0.2	<0.2	13.7	<0.01	0.10	6.9	<0.005
1543	Soil	425	25.6	3.4	<0.01	0.02	1.00	1.6	<0.2	<0.2	11.2	<0.01	0.06	6.5	<0.005
1544	Soil	397	28.2	4.0	<0.01	0.01	0.80	1.6	<0.2	0.2	10.9	<0.01	0.05	6.2	<0.005
1545	Soil	404	27.6	3.6	<0.01	0.02	0.85	1.4	<0.2	<0.2	7.5	<0.01	0.04	5.6	<0.005
1546	Soil	500	28.3	2.7	<0.01	0.02	0.60	1.1	<0.2	<0.2	6.3	<0.01	0.02	3.4	<0.005
1547	Soil	410	30.7	4.0	<0.01	0.01	0.76	1.6	0.3	0.2	8.5	<0.01	0.07	6.9	<0.005
1548	Soil	342	25.9	3.3	<0.01	<0.01	0.68	1.4	<0.2	<0.2	8.0	<0.01	0.05	6.7	<0.005
1549	Soil	675	36.2	5.0	<0.01	0.04	0.78	1.9	0.3	0.3	16.5	<0.01	0.05	4.6	<0.005
1550	Soil	365	11.0	3.8	<0.01	0.02	0.22	0.5	<0.2	<0.2	6.6	<0.01	<0.01	0.7	<0.005
1551	Soil	397	25.8	7.9	<0.01	0.02	0.67	1.2	<0.2	0.4	11.8	<0.01	0.03	3.6	<0.005
1552	Soil	639	32.7	7.8	<0.01	0.04	0.79	0.8	<0.2	0.4	18.3	<0.01	0.05	1.9	<0.005
1553	Soil	165	21.0	5.2	<0.01	<0.01	0.84	1.1	<0.2	0.3	5.3	<0.01	<0.01	7.1	<0.005
1554	Soil	380	29.1	7.1	<0.01	0.02	1.02	1.4	0.3	0.2	17.1	<0.01	<0.01	4.9	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1555	Soil	162	17.4	4.3	<0.01	<0.01	0.71	1.2	<0.2	0.3	8.8	<0.01	<0.01	5.9	<0.005
1556	Soil	304	34.6	2.9	<0.01	0.04	3.28	2.1	0.2	<0.2	45.4	<0.01	<0.01	3.5	<0.005
1557	Soil	227	18.1	3.6	<0.01	0.02	0.73	1.5	<0.2	<0.2	36.3	<0.01	0.01	5.7	<0.005
1558	Soil	213	21.2	5.4	<0.01	0.01	0.84	1.7	<0.2	0.3	28.1	<0.01	<0.01	5.6	<0.005
1559	Soil	987	41.5	2.6	<0.01	0.03	3.82	4.9	0.6	<0.2	83.7	<0.01	0.04	8.6	<0.005
1560	Soil	301	23.4	6.4	<0.01	0.02	0.87	2.2	0.2	0.3	19.5	<0.01	0.01	6.9	<0.005
1561	Soil	369	34.5	4.9	<0.01	0.03	7.68	5.1	0.5	0.2	63.2	<0.01	0.04	9.2	<0.005
1562	Soil	389	25.3	4.1	<0.01	0.04	2.28	3.3	0.3	0.3	69.5	<0.01	<0.01	6.8	<0.005
1563	Soil	411	24.6	3.7	<0.01	0.05	0.74	2.3	0.4	<0.2	79.6	<0.01	0.01	5.1	<0.005
1564	Soil	588	20.6	3.8	<0.01	0.07	0.97	2.3	0.9	0.2	94.6	<0.01	0.03	2.5	0.005
1565	Soil	547	25.4	3.5	<0.01	0.05	0.92	2.8	0.6	<0.2	82.7	<0.01	0.02	4.4	<0.005
1566	Soil	445	30.7	5.0	<0.01	0.05	1.47	2.3	0.5	0.3	68.2	<0.01	0.03	4.0	<0.005
1567	Soil	595	25.3	4.1	<0.01	0.05	0.82	2.4	0.9	0.2	72.5	<0.01	<0.01	4.1	<0.005
1568	Soil	409	22.2	5.4	<0.01	0.04	0.77	2.5	0.2	0.3	69.4	<0.01	<0.01	3.4	0.008
1569	Soil	456	35.6	5.8	<0.01	0.05	4.06	2.6	0.4	<0.2	82.8	<0.01	0.02	6.3	<0.005
1570	Soil	509	24.0	4.4	<0.01	0.08	1.04	2.1	0.7	<0.2	77.9	<0.01	<0.01	4.6	<0.005
1571	Soil	289	7.5	3.5	<0.01	0.03	0.29	1.1	<0.2	0.2	36.4	<0.01	0.01	4.0	<0.005
1572	Soil	389	9.7	5.4	<0.01	<0.01	0.36	0.8	<0.2	0.7	4.4	<0.01	<0.01	5.3	<0.005
1573	Soil	150	11.3	8.3	<0.01	<0.01	0.33	1.0	<0.2	0.3	4.1	<0.01	0.02	6.3	<0.005
1574	Soil	176	16.6	7.1	<0.01	<0.01	1.48	1.9	<0.2	<0.2	12.1	<0.01	0.05	9.9	<0.005
1575	Soil	418	22.9	2.6	<0.01	0.04	1.01	1.7	0.5	<0.2	35.2	<0.01	<0.01	5.1	<0.005
1576	Soil	573	20.7	2.4	<0.01	0.01	0.82	2.5	<0.2	<0.2	75.6	<0.01	0.02	9.5	<0.005
1577	Soil	214	15.3	4.7	<0.01	<0.01	0.31	1.1	<0.2	0.3	30.6	<0.01	0.03	5.9	<0.005
1578	Soil	168	20.5	7.2	<0.01	<0.01	0.55	1.6	0.3	0.2	12.6	<0.01	0.03	8.6	<0.005
1579	Soil	749	84.0	4.7	<0.01	0.03	1.43	0.7	0.5	0.3	7.1	<0.01	0.06	1.5	<0.005
1580	Soil	833	48.7	3.4	<0.01	0.03	1.06	0.7	0.4	0.2	15.5	<0.01	0.06	1.5	<0.005
1581	Soil	351	26.4	1.6	<0.01	<0.01	0.55	1.0	<0.2	<0.2	20.3	<0.01	0.09	6.1	<0.005
1582	Soil	615	74.2	3.0	<0.01	0.03	1.32	1.4	<0.2	<0.2	16.7	<0.01	0.06	3.7	<0.005
1583	Soil	676	30.4	3.9	<0.01	0.04	0.46	0.4	<0.2	0.2	10.6	<0.01	0.02	0.2	<0.005
1584	Soil	1053	55.0	5.0	<0.01	0.04	0.99	1.0	0.4	0.3	12.8	<0.01	0.08	1.6	<0.005
1585	Soil	1004	36.0	4.4	<0.01	0.03	0.74	1.2	0.4	0.2	9.1	<0.01	0.08	3.0	<0.005
1586	Soil	819	25.4	5.1	<0.01	0.04	0.52	1.5	<0.2	0.2	9.3	<0.01	0.07	4.2	<0.005
1587	Soil	1088	19.1	6.4	<0.01	0.05	0.77	1.5	0.5	<0.2	7.0	<0.01	0.08	4.6	<0.005
1588	Soil	681	51.2	2.6	<0.01	0.02	0.90	0.6	0.3	<0.2	3.8	<0.01	0.08	2.0	<0.005
1589	Soil	739	41.6	5.2	<0.01	0.02	1.17	1.1	<0.2	0.3	5.6	<0.01	0.12	5.4	<0.005
1590	Soil	882	44.9	6.1	<0.01	0.04	1.27	1.3	0.2	0.2	5.3	<0.01	0.12	5.5	<0.005
1591	Soil	826	49.3	4.5	<0.01	0.03	1.57	0.6	<0.2	0.2	6.0	<0.01	0.12	1.6	<0.005
1592	Soil	590	24.2	6.5	<0.01	0.01	0.75	0.9	0.3	0.4	4.4	<0.01	0.10	4.2	<0.005
2512	Soil	347	30.7	3.0	<0.01	0.02	0.28	0.8	0.3	<0.2	14.0	<0.01	0.05	4.1	<0.005
2513	Soil	650	31.2	4.2	<0.01	0.08	0.40	0.8	1.1	<0.2	38.4	<0.01	0.06	3.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2514	Soil	748	14.4	4.1	<0.01	0.08	0.18	0.4	0.2	<0.2	39.4	<0.01	0.04	1.3	<0.005
2515	Soil	616	25.2	4.7	<0.01	0.05	0.32	0.9	0.3	<0.2	22.2	<0.01	0.06	3.2	<0.005
2516	Soil	893	34.5	3.9	<0.01	0.02	0.33	0.8	0.2	0.3	4.2	<0.01	0.06	1.4	0.008
2517	Soil	394	22.3	2.1	<0.01	0.02	0.41	1.0	<0.2	0.3	4.2	<0.01	0.04	1.9	0.006
2518	Soil	546	90.7	3.1	<0.01	0.01	0.81	0.7	<0.2	0.5	4.9	<0.01	0.08	2.4	<0.005
2519	Soil	614	14.7	2.0	<0.01	<0.01	0.36	0.6	<0.2	<0.2	8.8	<0.01	0.05	1.2	<0.005
2520	Soil	825	12.4	2.3	<0.01	0.08	0.28	0.8	0.6	<0.2	38.8	0.01	0.03	1.0	0.007
2521	Soil	388	16.5	2.6	<0.01	0.02	0.26	0.3	<0.2	<0.2	7.7	<0.01	0.03	0.4	<0.005
2522	Soil	540	39.8	4.4	<0.01	0.02	0.40	2.6	0.3	0.3	25.4	<0.01	0.05	7.0	0.005
2523	Soil	306	16.7	3.6	<0.01	0.02	0.38	1.3	<0.2	<0.2	18.5	<0.01	0.02	4.6	<0.005
2524	Soil	487	29.8	2.6	<0.01	0.01	0.66	2.2	<0.2	<0.2	27.2	<0.01	0.05	11.6	<0.005
2525	Soil	501	23.8	2.9	<0.01	0.05	0.56	1.7	0.7	<0.2	42.8	<0.01	0.05	5.7	<0.005
2526	Soil	428	23.7	2.8	<0.01	0.04	0.55	1.5	0.4	<0.2	43.4	<0.01	0.04	5.4	<0.005
2527	Soil	498	21.7	3.3	<0.01	0.04	0.54	1.6	0.4	<0.2	51.6	<0.01	0.05	4.9	<0.005
2528	Soil	455	23.0	3.0	<0.01	0.03	0.56	1.7	0.2	<0.2	29.6	<0.01	0.06	7.3	<0.005
2529	Soil	577	21.5	3.5	<0.01	0.05	0.58	1.5	0.3	<0.2	65.0	<0.01	0.06	5.0	<0.005
2530	Soil	428	25.6	3.6	<0.01	0.03	0.83	2.2	0.4	<0.2	30.4	<0.01	0.05	8.8	<0.005
2531	Soil	526	23.9	4.2	<0.01	0.03	0.66	2.0	<0.2	<0.2	35.3	<0.01	0.04	8.5	<0.005
2532	Soil	565	23.2	4.5	<0.01	0.06	0.58	1.7	0.4	<0.2	59.3	<0.01	0.05	6.0	<0.005
2533	Soil	382	19.9	4.3	<0.01	0.04	0.59	1.8	0.5	<0.2	47.1	<0.01	0.05	5.9	<0.005
2534	Soil	521	20.5	3.6	<0.01	0.05	0.58	1.7	0.4	<0.2	59.6	<0.01	0.03	5.3	<0.005
2535	Soil	416	22.6	3.8	<0.01	0.04	0.38	1.8	0.4	<0.2	36.4	<0.01	0.03	5.3	<0.005
2536	Soil	410	20.7	3.6	<0.01	0.01	0.53	2.1	0.4	<0.2	17.6	<0.01	0.04	7.5	<0.005
2537	Soil	325	22.4	4.5	<0.01	0.02	0.52	1.9	<0.2	0.2	27.5	<0.01	0.06	6.5	<0.005
2538	Soil	405	25.3	5.2	<0.01	0.02	0.46	2.1	<0.2	0.2	58.7	<0.01	0.04	5.4	<0.005
2539	Soil	452	26.2	4.2	<0.01	0.02	0.88	3.4	0.3	<0.2	38.6	<0.01	0.05	8.6	<0.005
2540	Soil	493	25.6	3.6	<0.01	0.02	0.76	3.5	0.4	<0.2	41.8	<0.01	0.03	12.7	<0.005
2541	Soil	463	24.0	3.0	<0.01	0.03	0.70	1.8	0.2	<0.2	23.7	<0.01	0.04	7.3	<0.005
2542	Soil	266	35.9	7.6	<0.01	0.01	0.85	5.4	0.4	0.3	23.1	<0.01	0.02	17.0	<0.005
2543	Soil	367	23.9	5.2	<0.01	0.05	2.02	1.8	<0.2	<0.2	65.7	<0.01	0.03	4.1	<0.005
2562	Soil	497	25.7	3.6	<0.01	0.01	0.76	2.0	0.3	<0.2	31.0	<0.01	0.07	8.9	<0.005
2563	Soil	532	24.2	4.2	<0.01	0.03	0.76	1.9	0.3	<0.2	35.6	<0.01	0.07	6.7	<0.005
2564	Soil	467	24.9	4.0	<0.01	0.02	0.64	1.9	<0.2	<0.2	17.2	<0.01	0.06	7.3	<0.005
2565	Soil	485	22.6	3.7	<0.01	0.04	0.64	1.9	0.3	<0.2	41.2	<0.01	0.03	6.6	<0.005
2566	Soil	487	23.8	4.3	<0.01	0.04	0.62	1.8	0.5	<0.2	34.0	<0.01	0.05	6.9	<0.005
2567	Soil	436	23.3	3.2	<0.01	0.02	0.59	1.7	<0.2	<0.2	22.0	<0.01	0.04	7.4	<0.005
2568	Soil	434	22.9	4.1	<0.01	0.03	0.70	1.8	<0.2	<0.2	37.8	<0.01	0.04	6.3	<0.005
2569	Soil	539	22.9	4.7	<0.01	0.05	0.63	1.9	<0.2	<0.2	70.5	<0.01	0.06	4.3	<0.005
2570	Soil	375	19.5	4.1	<0.01	0.03	0.53	1.6	0.3	<0.2	30.8	<0.01	0.03	4.4	<0.005
2571	Soil	611	27.2	5.1	<0.01	0.05	0.70	2.7	0.5	<0.2	59.5	<0.01	0.07	6.3	<0.005

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2573	Soil	341	19.1	3.7	<0.01	0.04	0.50	1.7	<0.2	<0.2	49.5	<0.01	0.03	3.6	<0.005
2574	Soil	280	21.5	4.4	<0.01	0.02	0.60	2.4	<0.2	<0.2	27.1	<0.01	0.03	6.4	<0.005
2575	Soil	737	17.6	3.2	<0.01	0.06	0.80	1.8	0.3	<0.2	104.3	<0.01	0.03	2.6	<0.005
2576	Soil	470	29.2	2.9	<0.01	0.06	0.62	2.2	0.2	<0.2	35.9	<0.01	0.06	7.7	<0.005
2577	Soil	346	28.5	5.5	<0.01	0.03	1.95	2.9	0.3	<0.2	75.1	<0.01	0.04	11.0	<0.005
2578	Soil	243	26.7	4.9	<0.01	0.02	1.31	4.0	<0.2	<0.2	41.0	<0.01	0.04	12.9	<0.005
2579	Soil	137	13.3	7.4	<0.01	<0.01	0.42	1.3	<0.2	0.4	9.4	<0.01	0.03	6.4	<0.005
2580	Soil	233	9.9	6.3	<0.01	<0.01	0.24	1.9	<0.2	0.4	5.3	<0.01	0.03	5.8	0.012
2581	Soil	265	13.7	5.3	<0.01	<0.01	0.59	1.2	<0.2	<0.2	7.3	<0.01	0.05	6.9	<0.005
2582	Soil	278	15.5	3.0	<0.01	0.01	0.61	0.9	<0.2	0.2	8.4	<0.01	0.05	3.6	<0.005
2583	Soil	227	19.4	6.7	<0.01	<0.01	0.47	1.2	0.2	0.3	5.2	<0.01	0.06	6.6	<0.005
2584	Soil	153	9.5	3.8	<0.01	<0.01	0.32	0.8	<0.2	0.2	7.2	<0.01	0.03	3.6	<0.005
2585	Soil	328	21.4	3.7	<0.01	0.02	0.58	1.9	<0.2	<0.2	71.8	<0.01	0.03	5.6	<0.005
2586	Soil	306	27.0	5.5	<0.01	0.02	0.61	3.6	0.4	<0.2	30.1	<0.01	0.04	5.3	<0.005
2587	Soil	182	12.7	7.6	<0.01	<0.01	0.30	1.0	<0.2	0.2	9.1	<0.01	0.01	6.1	<0.005
2588	Soil	186	13.6	6.4	<0.01	0.01	0.17	0.7	<0.2	0.3	22.7	<0.01	0.02	4.0	<0.005
2589	Soil	130	6.9	2.9	<0.01	<0.01	0.18	0.6	<0.2	<0.2	11.6	<0.01	0.02	2.2	<0.005
2590	Soil	424	35.5	5.5	<0.01	0.01	0.72	1.4	0.2	0.4	7.5	<0.01	0.04	7.1	<0.005
2591	Soil	571	13.7	3.9	<0.01	0.05	0.25	1.4	0.3	<0.2	87.0	<0.01	<0.01	2.5	<0.005
2592	Soil	104	15.6	5.7	<0.01	<0.01	0.17	1.2	<0.2	0.5	10.0	<0.01	0.03	5.9	<0.005
2593	Soil	64	7.7	5.3	<0.01	<0.01	<0.05	0.5	<0.2	0.3	7.0	<0.01	0.01	2.8	<0.005
2594	Soil	649	21.6	4.2	<0.01	0.04	0.33	3.1	0.9	0.3	80.6	<0.01	0.05	3.9	0.008
2595	Soil	184	25.3	6.4	<0.01	<0.01	0.28	2.1	<0.2	0.2	12.2	<0.01	0.05	10.5	<0.005
2596	Soil	120	22.2	6.1	<0.01	<0.01	0.29	2.3	<0.2	0.3	14.0	<0.01	0.04	9.9	<0.005
2597	Soil	316	15.6	8.3	<0.01	0.02	0.83	1.6	<0.2	0.3	55.2	<0.01	0.07	4.5	<0.005
2598	Soil	340	6.0	1.1	<0.01	0.02	0.17	0.4	<0.2	<0.2	16.6	<0.01	<0.01	0.4	0.010

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
894	Soil	0.06	0.92	24	0.09	3.40	73	1.5
895	Soil	0.06	0.41	25	0.09	1.70	68	0.8
896	Soil	0.06	2.75	27	0.13	17.96	100	1.6
897	Soil	<0.05	0.24	11	0.21	0.61	18	<0.5
898	Soil	<0.05	4.60	26	0.48	8.78	101	1.4
899	Soil	<0.05	2.68	28	0.25	3.63	75	1.5
900	Soil	<0.05	2.75	29	0.24	4.08	88	2.8
901	Soil	<0.05	16.10	29	0.26	6.34	95	3.2
902	Soil	<0.05	5.13	29	0.34	3.47	91	3.0
903	Soil	<0.05	2.75	29	0.23	4.96	139	4.3
904	Soil	<0.05	0.55	24	0.32	1.78	75	0.5
905	Soil	<0.05	0.45	25	0.29	1.57	61	<0.5
906	Soil	MS	MS	MS	MS	MS	MS	MS
907	Soil	<0.05	0.53	28	0.26	1.76	113	<0.5
908	Soil	<0.05	0.60	24	0.22	2.01	77	0.6
909	Soil	<0.05	1.04	21	0.17	5.31	76	1.1
910	Soil	<0.05	0.99	24	0.27	4.64	87	2.7
911	Soil	<0.05	1.70	20	0.17	5.30	85	3.5
912	Soil	<0.05	1.61	20	0.19	5.06	89	2.8
913	Soil	<0.05	1.33	22	0.21	5.48	84	2.0
914	Soil	<0.05	1.88	25	0.25	7.92	88	2.0
915	Soil	<0.05	1.73	20	0.29	5.12	99	3.3
916	Soil	<0.05	1.06	11	0.10	6.36	71	1.6
917	Soil	<0.05	0.43	12	0.11	1.76	93	<0.5
918	Soil	<0.05	0.59	36	0.10	2.42	112	2.5
919	Soil	<0.05	0.48	26	0.13	2.74	47	1.4
920	Soil	0.07	1.20	22	0.11	35.61	89	2.2
921	Soil	<0.05	0.48	23	0.13	1.90	52	0.8
922	Soil	<0.05	0.62	24	0.13	4.26	55	<0.5
923	Soil	<0.05	1.61	18	0.14	13.53	48	1.6
924	Soil	<0.05	1.90	21	0.06	8.22	98	2.3
925	Soil	<0.05	1.93	25	0.20	9.07	78	1.5
926	Soil	<0.05	0.68	25	0.07	5.32	71	1.8
927	Soil	<0.05	0.63	26	0.11	3.95	72	1.3
928	Soil	<0.05	0.59	21	0.07	3.12	47	0.7
929	Soil	0.06	0.69	25	0.08	6.88	66	1.2
930	Soil	0.05	0.82	22	0.11	2.72	65	1.4
931	Soil	<0.05	1.47	21	0.08	7.91	69	1.2
932	Soil	<0.05	2.98	27	0.10	6.98	62	1.3
933	Soil	0.05	0.70	25	0.07	5.71	74	2.4

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
934	Soil	0.05	1.48	29	0.15	3.89	61	1.1
935	Soil	<0.05	1.01	20	0.12	6.57	75	1.4
936	Soil	<0.05	1.04	20	0.06	20.03	95	2.1
937	Soil	<0.05	1.45	24	0.10	9.37	93	1.9
938	Soil	<0.05	1.10	23	0.06	10.16	81	1.5
939	Soil	<0.05	1.13	27	0.09	6.17	78	2.8
940	Soil	0.05	0.70	27	0.09	6.71	80	3.6
941	Soil	<0.05	0.80	26	0.11	5.26	75	3.3
942	Soil	<0.05	1.08	24	0.09	5.51	68	3.5
943	Soil	<0.05	2.33	24	0.12	4.23	51	1.4
944	Soil	<0.05	0.64	27	0.11	5.46	81	4.5
945	Soil	<0.05	0.69	29	0.10	5.59	84	4.5
946	Soil	0.06	0.55	26	0.13	3.24	61	1.5
947	Soil	0.06	0.56	31	0.12	3.86	71	1.8
948	Soil	0.05	2.65	41	0.26	42.74	152	1.5
949	Soil	0.06	6.66	36	0.22	11.22	83	1.4
950	Soil	0.06	2.42	27	0.16	3.45	47	1.1
1532	Soil	<0.05	0.50	14	0.53	1.27	43	<0.5
1533	Soil	<0.05	0.65	30	0.43	1.99	88	<0.5
1534	Soil	<0.05	0.56	23	0.23	1.41	71	0.6
1535	Soil	0.07	0.34	15	0.15	0.67	27	<0.5
1536	Soil	0.09	0.86	21	0.31	2.77	95	<0.5
1537	Soil	<0.05	0.62	32	0.33	1.78	98	0.7
1538	Soil	<0.05	0.68	28	0.40	2.03	90	0.6
1539	Soil	<0.05	0.84	28	0.27	3.01	98	1.4
1540	Soil	<0.05	1.28	24	0.49	2.89	110	1.0
1541	Soil	<0.05	0.73	24	0.27	1.73	99	1.5
1542	Soil	<0.05	1.14	24	0.20	3.37	83	2.7
1543	Soil	<0.05	0.89	28	0.20	2.09	98	2.5
1544	Soil	<0.05	1.02	29	0.23	2.54	86	2.1
1545	Soil	<0.05	0.77	28	0.22	1.75	91	1.7
1546	Soil	<0.05	0.75	21	0.37	2.22	68	1.7
1547	Soil	<0.05	0.82	29	0.21	2.63	91	2.2
1548	Soil	<0.05	0.63	30	0.20	2.79	84	1.8
1549	Soil	<0.05	3.40	30	0.32	6.00	95	3.0
1550	Soil	<0.05	0.63	11	0.28	1.44	23	0.8
1551	Soil	<0.05	1.12	22	0.20	2.82	68	1.0
1552	Soil	<0.05	1.15	20	0.22	2.14	60	0.5
1553	Soil	<0.05	0.48	23	0.14	1.81	77	0.9
1554	Soil	<0.05	0.95	20	0.17	3.46	98	1.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1555	Soil	<0.05	0.63	23	0.23	2.45	54	0.7
1556	Soil	<0.05	1.46	14	0.09	5.08	88	2.4
1557	Soil	<0.05	0.74	19	0.09	2.36	58	1.8
1558	Soil	<0.05	0.99	23	0.16	3.94	57	1.6
1559	Soil	<0.05	0.92	10	0.09	20.07	79	2.1
1560	Soil	<0.05	1.27	21	0.11	4.18	65	1.6
1561	Soil	0.07	1.46	13	0.09	20.29	65	1.5
1562	Soil	<0.05	1.04	17	0.17	10.30	64	2.0
1563	Soil	<0.05	2.34	20	0.09	8.03	66	3.4
1564	Soil	<0.05	1.48	20	0.10	9.98	58	3.0
1565	Soil	<0.05	1.20	21	0.15	10.05	71	2.4
1566	Soil	<0.05	1.58	20	0.10	5.14	87	1.9
1567	Soil	<0.05	1.51	21	0.14	8.44	70	2.9
1568	Soil	<0.05	1.51	24	0.16	8.14	71	1.9
1569	Soil	0.07	1.27	19	0.07	7.94	79	3.2
1570	Soil	<0.05	1.10	22	0.23	6.52	75	2.9
1571	Soil	<0.05	0.69	20	0.11	2.01	62	1.2
1572	Soil	0.07	0.32	33	0.21	1.30	56	1.1
1573	Soil	0.05	0.33	19	0.08	1.53	46	2.1
1574	Soil	0.06	0.61	13	0.19	3.28	76	1.6
1575	Soil	<0.05	1.19	18	0.19	5.51	71	2.4
1576	Soil	<0.05	0.57	22	0.32	5.94	80	3.8
1577	Soil	<0.05	0.45	20	0.13	2.56	36	0.6
1578	Soil	0.06	0.56	22	0.09	3.05	55	1.0
1579	Soil	0.05	1.21	30	0.28	1.74	104	0.5
1580	Soil	0.07	1.51	23	0.37	1.95	89	<0.5
1581	Soil	<0.05	1.19	8	0.23	1.71	79	<0.5
1582	Soil	<0.05	0.87	32	0.41	2.12	99	1.3
1583	Soil	<0.05	0.85	17	0.17	1.98	39	<0.5
1584	Soil	<0.05	1.50	31	0.32	2.85	108	1.2
1585	Soil	<0.05	1.13	34	0.16	2.07	100	1.5
1586	Soil	<0.05	1.30	40	0.17	2.09	120	1.9
1587	Soil	<0.05	1.20	30	0.15	2.33	128	3.3
1588	Soil	<0.05	1.15	21	0.20	1.61	103	<0.5
1589	Soil	0.05	1.11	30	0.34	1.56	114	1.4
1590	Soil	0.05	1.30	32	0.82	1.51	118	1.8
1591	Soil	<0.05	1.51	15	0.58	1.48	150	<0.5
1592	Soil	<0.05	0.80	22	0.41	1.43	60	<0.5
2512	Soil	<0.05	1.32	8	0.32	3.29	55	1.2
2513	Soil	<0.05	1.51	8	0.31	3.74	47	3.5

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2514	Soil	<0.05	0.82	9	0.21	2.21	73	2.3
2515	Soil	<0.05	1.05	10	0.27	2.03	82	2.1
2516	Soil	<0.05	0.58	29	0.17	1.25	71	0.5
2517	Soil	<0.05	0.47	26	0.18	1.79	54	0.6
2518	Soil	<0.05	0.53	32	0.31	1.24	90	<0.5
2519	Soil	<0.05	0.72	19	0.07	1.07	67	<0.5
2520	Soil	<0.05	3.00	13	0.12	4.14	27	2.4
2521	Soil	<0.05	0.77	14	0.14	2.61	27	<0.5
2522	Soil	<0.05	2.69	39	0.10	6.57	103	3.4
2523	Soil	<0.05	1.18	21	0.14	2.97	59	1.8
2524	Soil	<0.05	0.68	34	0.11	4.85	99	7.1
2525	Soil	<0.05	2.21	28	0.18	4.32	78	4.4
2526	Soil	<0.05	2.16	25	0.18	3.79	72	3.5
2527	Soil	<0.05	1.97	24	0.24	5.03	77	3.9
2528	Soil	<0.05	1.49	27	0.30	3.82	94	3.2
2529	Soil	<0.05	1.80	23	0.29	5.25	76	4.3
2530	Soil	<0.05	1.28	31	0.69	5.45	94	4.1
2531	Soil	<0.05	1.10	31	0.20	4.86	97	4.1
2532	Soil	<0.05	1.80	25	0.20	4.84	78	4.2
2533	Soil	<0.05	1.21	25	0.21	4.83	80	3.3
2534	Soil	<0.05	2.74	23	0.20	4.91	72	3.7
2535	Soil	<0.05	3.30	18	0.21	4.53	60	2.4
2536	Soil	<0.05	1.45	25	0.21	4.86	83	2.5
2537	Soil	<0.05	1.59	24	0.21	5.14	70	1.9
2538	Soil	<0.05	1.91	22	0.19	4.98	62	1.6
2539	Soil	<0.05	1.93	22	0.12	8.84	86	2.3
2540	Soil	<0.05	0.84	24	0.07	9.53	92	3.3
2541	Soil	<0.05	0.95	25	0.20	4.05	92	2.8
2542	Soil	0.07	0.91	16	0.11	11.26	95	2.6
2543	Soil	0.05	1.01	8	0.08	6.30	25	1.5
2562	Soil	<0.05	0.86	27	0.29	5.22	91	2.7
2563	Soil	<0.05	0.94	27	0.34	5.01	89	2.8
2564	Soil	<0.05	0.74	29	0.73	3.89	90	2.0
2565	Soil	<0.05	2.02	26	0.24	5.61	74	3.5
2566	Soil	<0.05	1.63	25	0.20	4.75	81	2.6
2567	Soil	<0.05	0.81	26	0.25	4.07	80	1.6
2568	Soil	<0.05	1.64	25	0.22	5.52	78	2.8
2569	Soil	<0.05	1.56	22	0.94	5.72	73	2.9
2570	Soil	<0.05	1.28	22	0.21	4.27	72	2.2
2571	Soil	<0.05	2.72	22	0.18	10.98	75	2.7

MS = Missing Sample

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2573	Soil	<0.05	1.13	19	0.16	5.24	56	2.3
2574	Soil	<0.05	1.13	20	0.18	6.20	61	2.5
2575	Soil	<0.05	0.90	13	0.08	9.28	39	2.8
2576	Soil	<0.05	1.11	22	0.16	5.55	86	3.1
2577	Soil	<0.05	0.63	13	0.05	8.10	116	2.2
2578	Soil	0.05	0.68	19	0.08	11.45	85	3.1
2579	Soil	<0.05	0.39	27	0.12	1.70	54	1.1
2580	Soil	<0.05	0.29	38	0.10	1.66	48	0.9
2581	Soil	<0.05	0.38	21	0.07	1.65	57	1.0
2582	Soil	<0.05	0.48	17	0.10	1.24	50	1.0
2583	Soil	<0.05	0.42	26	0.18	1.56	59	2.2
2584	Soil	<0.05	0.25	17	0.15	1.07	36	<0.5
2585	Soil	<0.05	0.53	17	0.09	4.45	57	1.6
2586	Soil	<0.05	0.85	16	0.10	9.53	62	1.4
2587	Soil	<0.05	0.44	17	0.09	1.77	43	0.8
2588	Soil	<0.05	0.36	20	0.15	1.23	31	0.8
2589	Soil	<0.05	0.20	13	0.07	0.70	23	<0.5
2590	Soil	<0.05	0.57	22	0.12	2.41	56	1.7
2591	Soil	<0.05	1.72	13	0.07	4.98	48	1.2
2592	Soil	<0.05	0.38	30	0.23	1.77	39	0.8
2593	Soil	<0.05	0.18	14	0.08	0.71	25	<0.5
2594	Soil	<0.05	1.99	25	0.17	11.00	55	2.3
2595	Soil	<0.05	0.59	28	0.08	4.90	65	2.0
2596	Soil	0.06	0.55	28	0.10	4.56	62	2.3
2597	Soil	<0.05	1.16	18	0.09	3.78	46	1.0
2598	Soil	<0.05	0.40	6	0.05	1.48	7	<0.5

MS = Missing Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
894	Soil		0.06	1.31	28.6	39	0.39	0.77	0.07	0.07	59.84	15.0	16	0.73	26.8
894 Dup			0.05	1.31	27.4	39	0.37	0.79	0.08	0.07	64.13	14.0	15	0.72	26.3
QCV1108-00852-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.60					7.94				22.1			>10000
912	Soil		0.14	1.23	163.7	63	0.45	0.28	1.16	0.26	25.05	10.2	13	0.82	25.5
912 Dup			0.14	1.19	161.7	66	0.40	0.29	1.21	0.26	24.31	10.2	14	0.87	25.7
QCV1108-00852-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6144.9
930	Soil		0.04	1.17	17.0	51	0.36	0.37	0.54	0.10	40.62	9.5	15	0.59	15.1
930 Dup			0.03	1.15	17.7	55	0.33	0.36	0.55	0.11	41.61	9.5	15	0.63	15.9
QCV1108-00852-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.49					7.91				23.0			>10000
948	Soil		0.82	1.95	6.5	139	1.21	0.37	1.59	0.41	53.71	19.3	22	1.54	65.2
948 Dup			0.84	1.92	6.3	139	1.19	0.36	1.59	0.43	51.68	19.2	22	1.53	63.2
QCV1108-00852-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.51					8.03				22.4			>10000
1547	Soil		0.08	1.56	66.0	46	0.33	0.37	0.09	0.12	26.71	13.5	23	0.90	32.3
1547 Dup			0.06	1.50	66.2	44	0.34	0.37	0.09	0.13	25.74	14.1	25	0.85	32.8
QCV1108-00852-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					7.96				22.3			>10000
1565	Soil		0.12	1.14	21.8	87	0.53	0.34	1.31	0.18	32.48	15.0	16	0.43	37.9
1565 Dup			0.12	1.14	22.0	86	0.51	0.33	1.34	0.17	31.55	14.1	16	0.42	36.9
QCV1108-00852-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.36					8.05				21.4			>10000
1583	Soil		0.21	0.74	67.4	34	0.27	0.21	0.08	0.09	10.48	5.4	12	1.79	18.9
1583 Dup			0.18	0.73	66.8	32	0.24	0.25	0.08	0.09	9.70	5.2	12	1.72	17.4
QCV1108-00852-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.81												6052.5
2520	Soil		0.37	0.91	29.6	53	0.40	0.18	1.04	0.08	10.11	10.3	9	1.17	25.5
2520 Dup			0.37	0.86	30.9	55	0.35	0.19	1.03	0.08	10.30	10.3	9	1.23	25.5
QCV1108-00852-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6066.7

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2538	Soil		0.06	1.15	45.8	77	0.51	0.34	0.66	0.10	25.62	12.6	17	0.70	24.9
2538 Dup			0.05	1.12	45.2	77	0.52	0.34	0.64	0.12	25.29	12.2	16	0.70	25.1
QCV1108-00852-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.55					8.13				22.3			>10000
2575	Soil		0.06	0.81	15.5	69	0.52	0.21	1.45	0.10	17.22	8.7	8	0.42	21.8
2575 Dup			0.06	0.88	15.8	70	0.49	0.22	1.51	0.11	21.95	9.1	10	0.45	21.7
QCV1108-00852-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6185.1
QCV1108-00852-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
2593	Soil		<0.01	0.74	1.6	40	0.09	0.14	0.05	0.02	23.97	2.1	6	0.58	1.8
2593 Dup			<0.01	0.74	1.5	40	0.10	0.14	0.05	0.01	27.85	2.3	6	0.62	1.7
QCV1108-00852-0033-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.45		6960.7							9.6			26.6
894	Soil	0.009													
894 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.933													
912	Soil	0.017													
912 Dup		0.015													
QCV1108-00853-0004-BLK		0.005													
930	Soil	0.014													
930 Dup		0.013													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.937													
948	Soil	0.012													
948 Dup		0.016													
QCV1108-00853-0008-BLK		0.005													
1547	Soil	0.029													
1547 Dup		0.035													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.419													
1565	Soil	0.012													
1565 Dup		0.039													
QCV1108-00853-0012-BLK		<0.005													
1583	Soil	0.021													
1583 Dup		0.027													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.833													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2520	Soil	0.012													
2520 Dup		0.020													
QCV1108-00853-0016-BLK		0.007													
2538	Soil	0.013													
2538 Dup		0.015													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.893													
2575	Soil	0.016													
2575 Dup		0.012													
QCV1108-00853-0020-BLK		<0.005													
2593	Soil	<0.005													
2593 Dup		<0.005													
QCV1108-00853-0022-BLK		0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.891													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
894	Soil	4.39	4.21	<0.05	0.07	0.03	0.04	31.4	31.0	0.35	279	0.66	0.01	0.33	28.7
894 Dup		4.42	4.07	<0.05	0.05	0.03	0.04	32.1	29.2	0.35	277	0.65	0.01	0.29	27.9
QCV1108-00852-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
912	Soil	2.55	3.16	<0.05	0.15	0.02	0.06	12.6	26.5	0.42	329	0.29	0.01	0.24	21.5
912 Dup		2.55	3.15	<0.05	0.15	0.02	0.06	12.4	25.8	0.41	339	0.31	0.01	0.24	21.6
QCV1108-00852-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
930	Soil	3.31	3.62	<0.05	0.10	0.03	0.04	20.3	33.1	0.31	515	0.46	0.01	0.35	19.0
930 Dup		3.36	3.65	<0.05	0.08	0.03	0.04	21.1	34.8	0.31	527	0.44	0.01	0.36	19.6
QCV1108-00852-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
948	Soil	3.62	5.68	<0.05	0.09	0.07	0.03	31.3	32.0	0.42	1950	0.46	0.01	1.07	29.6
948 Dup		3.58	5.59	<0.05	0.09	0.08	0.03	30.8	32.2	0.41	1909	0.46	0.01	1.08	29.0
QCV1108-00852-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1547	Soil	3.53	4.66	<0.05	0.12	0.02	0.04	13.8	45.2	0.63	393	0.46	<0.01	0.18	31.9
1547 Dup		3.62	4.63	<0.05	0.12	0.02	0.03	13.4	44.6	0.61	403	0.44	<0.01	0.18	32.2
QCV1108-00852-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1565	Soil	3.16	3.14	<0.05	0.11	0.03	0.05	16.0	31.3	0.44	599	0.37	<0.01	0.25	30.2
1565 Dup		3.16	3.05	<0.05	0.10	0.03	0.05	15.8	30.7	0.44	605	0.37	<0.01	0.24	28.8
QCV1108-00852-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1583	Soil	1.61	3.38	<0.05	<0.02	0.02	0.02	5.5	17.3	0.24	245	0.45	0.02	0.13	13.6
1583 Dup		1.58	3.31	<0.05	0.02	0.01	0.02	5.0	16.1	0.24	235	0.46	0.02	0.14	13.2
QCV1108-00852-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2520	Soil	1.48	2.80	<0.05	0.10	0.01	0.02	5.2	10.2	0.18	534	0.33	0.02	0.43	17.9
2520 Dup		1.46	2.78	<0.05	0.10	0.01	0.02	5.3	10.5	0.17	516	0.34	0.02	0.42	18.0
QCV1108-00852-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2538	Soil	3.17	4.00	<0.05	0.07	0.02	0.04	12.3	26.0	0.35	507	0.50	<0.01	0.38	26.1
2538 Dup		3.09	4.00	<0.05	0.08	0.02	0.04	11.6	25.5	0.34	503	0.50	<0.01	0.36	26.2
QCV1108-00852-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2575	Soil	1.90	2.27	<0.05	0.12	0.02	0.03	8.8	16.6	0.22	500	0.23	0.02	0.24	20.6
2575 Dup		1.96	2.49	<0.05	0.11	0.02	0.04	10.9	18.8	0.23	524	0.24	0.02	0.26	21.2
QCV1108-00852-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00852-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2593	Soil	0.84	3.38	<0.05	0.03	<0.01	0.02	12.0	18.1	0.17	59	0.11	0.01	0.28	5.4
2593 Dup		0.84	3.40	<0.05	0.04	<0.01	0.02	14.1	18.8	0.16	60	0.10	0.01	0.29	4.9
QCV1108-00852-0033-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.72	448				46.6

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Certificate of Analysis

11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
894	Soil	608	31.2	6.9	<0.01	0.01	4.31	2.2	<0.2	0.3	14.6	<0.01	0.11	9.5	<0.005
894 Dup		611	30.3	6.8	<0.01	0.01	4.63	2.0	<0.2	0.3	14.2	<0.01	0.14	9.6	<0.005
QCV1108-00852-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				2.15		13.3	18.8					
912	Soil	610	20.6	4.4	<0.01	0.06	0.67	1.8	0.4	<0.2	49.8	<0.01	0.03	4.0	<0.005
912 Dup		599	20.8	4.6	<0.01	0.06	0.70	1.8	0.4	<0.2	51.4	<0.01	0.05	4.1	<0.005
QCV1108-00852-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
930	Soil	286	23.8	8.3	<0.01	0.02	1.29	1.5	<0.2	0.3	40.4	<0.01	0.04	6.8	<0.005
930 Dup		288	24.5	8.7	<0.01	0.02	1.34	1.5	<0.2	0.3	40.6	<0.01	0.04	7.0	<0.005
QCV1108-00852-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.0				2.25		12.7	19.0					
948	Soil	1032	34.8	6.1	<0.01	0.06	0.37	5.3	1.2	0.7	130.0	0.02	0.03	2.7	0.013
948 Dup		1006	34.2	5.9	<0.01	0.06	0.40	5.2	1.2	0.7	131.8	0.02	0.04	2.6	0.013
QCV1108-00852-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.6				2.21		12.4	19.1					
1547	Soil	410	30.7	4.0	<0.01	0.01	0.76	1.6	0.3	0.2	8.5	<0.01	0.07	6.9	<0.005
1547 Dup		404	30.0	3.9	<0.01	0.01	0.72	1.6	<0.2	<0.2	8.6	<0.01	0.04	6.8	<0.005
QCV1108-00852-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.5				2.03		13.0	18.4					
1565	Soil	547	25.4	3.5	<0.01	0.05	0.92	2.8	0.6	<0.2	82.7	<0.01	0.02	4.4	<0.005
1565 Dup		553	25.2	3.4	<0.01	0.05	0.92	2.7	0.7	<0.2	80.0	<0.01	0.03	4.1	<0.005
QCV1108-00852-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.2				2.00		12.2	18.1					
1583	Soil	676	30.4	3.9	<0.01	0.04	0.46	0.4	<0.2	0.2	10.6	<0.01	0.02	0.2	<0.005
1583 Dup		678	28.8	3.8	<0.01	0.03	0.46	0.4	<0.2	<0.2	10.4	<0.01	0.04	0.3	<0.005
QCV1108-00852-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2520	Soil	825	12.4	2.3	<0.01	0.08	0.28	0.8	0.6	<0.2	38.8	0.01	0.03	1.0	0.007
2520 Dup		800	12.8	2.3	<0.01	0.07	0.31	0.8	0.5	<0.2	38.7	0.01	0.04	1.0	0.007
QCV1108-00852-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

3Ace Property, Northern Tiger Resources Inc.
Vol 6-56
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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2538	Soil	405	25.3	5.2	<0.01	0.02	0.46	2.1	<0.2	0.2	58.7	<0.01	0.04	5.4	<0.005
2538 Dup		402	26.3	5.0	<0.01	0.02	0.49	2.0	0.3	0.2	56.7	<0.01	0.06	5.3	<0.005
QCV1108-00852-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.56		13.4	16.1					
2575	Soil	737	17.6	3.2	<0.01	0.06	0.80	1.8	0.3	<0.2	104.3	<0.01	0.03	2.6	<0.005
2575 Dup		781	18.5	3.6	<0.01	0.06	0.78	2.1	0.6	<0.2	108.1	<0.01	0.03	3.1	<0.005
QCV1108-00852-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-00852-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
2593	Soil	64	7.7	5.3	<0.01	<0.01	<0.05	0.5	<0.2	0.3	7.0	<0.01	0.01	2.8	<0.005
2593 Dup		66	7.6	5.4	<0.01	<0.01	<0.05	0.6	<0.2	0.3	7.0	<0.01	0.02	3.1	<0.005
QCV1108-00852-0033-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		326	12.6												

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11-360-05956-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
894	Soil	0.06	0.92	24	0.09	3.40	73	1.5
894 Dup		0.05	0.90	24	0.08	3.22	73	1.4
QCV1108-00852-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
912	Soil	<0.05	1.61	20	0.19	5.06	89	2.8
912 Dup		<0.05	1.64	20	0.20	5.10	88	3.1
QCV1108-00852-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5051	
930	Soil	0.05	0.82	22	0.11	2.72	65	1.4
930 Dup		0.05	0.81	22	0.10	2.65	65	1.3
QCV1108-00852-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
948	Soil	0.05	2.65	41	0.26	42.74	152	1.5
948 Dup		<0.05	2.80	41	0.17	43.07	146	1.5
QCV1108-00852-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
1547	Soil	<0.05	0.82	29	0.21	2.63	91	2.2
1547 Dup		<0.05	0.83	30	0.23	2.66	94	2.2
QCV1108-00852-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
1565	Soil	<0.05	1.20	21	0.15	10.05	71	2.4
1565 Dup		<0.05	1.16	21	0.11	9.94	71	2.3
QCV1108-00852-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
1583	Soil	<0.05	0.85	17	0.17	1.98	39	<0.5
1583 Dup		<0.05	0.97	17	0.18	2.02	38	<0.5
QCV1108-00852-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5147	
2520	Soil	<0.05	3.00	13	0.12	4.14	27	2.4
2520 Dup		<0.05	2.99	13	0.12	4.11	26	2.4
QCV1108-00852-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5076	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2538	Soil	<0.05	1.91	22	0.19	4.98	62	1.6
2538 Dup		<0.05	1.86	21	0.19	4.93	61	1.6
QCV1108-00852-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
2575	Soil	<0.05	0.90	13	0.08	9.28	39	2.8
2575 Dup		<0.05	0.97	14	0.10	9.79	42	2.7
QCV1108-00852-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4956	
QCV1108-00852-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
2593	Soil	<0.05	0.18	14	0.08	0.71	25	<0.5
2593 Dup		0.05	0.19	15	0.08	0.75	26	<0.5
QCV1108-00852-0033-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.45					205	

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11-360-05960-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	154	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
648	Soil	0.013	0.17	3.02	2.3	55	1.40	1.15	0.23	0.60	95.84	59.3	55	5.86	192.2
649	Soil	0.007	0.18	4.14	5.2	77	5.72	0.81	0.42	15.54	238.18	72.4	44	5.81	197.1
650	Soil	<0.005	0.17	3.59	5.5	99	6.95	0.89	0.49	23.59	265.97	80.6	45	5.71	187.0
651	Soil	0.007	0.19	4.48	6.3	103	9.09	0.79	0.58	21.60	302.61	97.0	42	5.72	210.6
652	Soil	<0.005	0.17	3.19	3.2	76	2.73	0.90	0.43	7.78	113.95	59.9	49	6.06	160.4
653	Soil	<0.005	0.13	2.70	5.2	78	4.21	0.64	0.55	1.44	155.16	135.9	46	4.20	76.7
654	Soil	<0.005	0.13	3.39	5.1	89	4.92	0.71	0.62	14.26	206.29	100.9	43	4.80	115.3
655	Soil	0.006	0.14	2.28	4.0	74	2.49	0.71	0.74	4.37	113.56	69.3	44	4.37	85.4
656	Soil	0.006	0.15	3.95	6.1	94	7.95	0.60	0.95	14.20	290.03	146.4	39	4.76	132.1
657	Soil	0.007	0.13	2.49	10.0	65	2.49	0.67	0.83	4.63	110.97	66.8	40	3.74	89.0
658	Soil	0.007	0.12	2.56	3.3	67	2.19	0.58	0.62	3.05	73.85	51.9	44	4.46	75.6
659	Soil	0.007	0.14	2.81	4.4	64	3.52	0.76	0.65	2.73	104.52	80.6	44	4.96	93.9
660	Soil	0.006	0.15	2.56	5.0	73	4.08	0.81	0.50	4.01	105.47	69.2	36	4.51	86.8
661	Soil	0.042	0.11	1.10	29.0	30	0.39	0.38	6.55	0.10	18.74	18.3	18	0.39	25.7
662	Soil	0.013	0.10	1.30	27.8	37	0.35	0.46	5.61	0.11	24.27	18.2	20	0.50	30.1
663	Soil	0.031	0.27	1.02	404.1	26	0.30	0.50	0.07	0.15	47.48	15.9	19	2.44	31.8
664	Soil	0.086	0.13	1.14	658.7	50	0.46	0.76	0.06	0.06	42.29	18.4	20	2.58	40.4
665	Soil	0.021	0.28	1.27	84.4	28	0.39	0.52	0.08	0.27	28.32	15.9	21	1.87	29.3
666	Soil	0.018	0.13	1.29	129.2	72	0.82	0.67	0.47	0.27	18.62	36.5	19	2.11	49.4
667	Soil	0.042	0.15	1.44	53.4	25	0.51	0.58	0.12	0.28	23.86	23.5	20	1.57	33.1
668	Soil	0.014	0.08	2.17	51.8	43	0.62	0.55	0.05	0.07	59.28	21.5	32	1.36	35.0
669	Soil	0.013	0.05	1.83	60.7	34	0.36	0.37	0.04	0.06	58.79	13.3	27	0.87	30.1
670	Soil	0.018	0.05	1.83	66.4	44	0.41	0.42	0.06	0.07	58.12	13.8	26	1.12	35.4
671	Soil	0.015	0.06	1.72	65.9	36	0.44	0.39	0.23	0.16	55.36	18.4	26	0.87	37.1
672	Soil	0.019	0.12	1.24	99.0	38	0.42	0.37	0.35	0.18	38.20	17.3	24	0.71	32.4
673	Soil	0.023	0.05	1.70	73.1	45	0.50	0.41	0.18	0.09	47.48	18.4	25	0.77	36.2
674	Soil	0.024	0.10	1.67	88.2	48	0.48	0.41	0.38	0.12	39.16	16.4	25	0.90	36.6
675	Soil	0.025	0.10	1.81	93.6	56	0.49	0.43	0.49	0.09	32.43	18.0	28	0.94	42.8
676	Soil	0.031	0.14	1.62	81.8	46	0.42	0.40	0.74	0.17	30.08	16.3	23	0.77	41.2
677	Soil	0.019	0.13	1.75	79.9	51	0.47	0.43	0.33	0.12	46.28	17.1	25	0.84	37.6
678	Soil	0.021	0.11	1.43	79.7	46	0.46	0.41	0.28	0.14	39.70	16.8	24	0.85	33.7
679	Soil	0.027	0.06	1.56	81.8	38	0.39	0.38	0.24	0.20	50.51	19.3	25	0.73	33.3
680	Soil	0.022	0.07	1.49	89.6	46	0.40	0.40	0.37	0.20	32.33	18.4	24	0.81	33.3
681	Soil	0.028	0.14	1.69	75.2	55	0.43	0.37	0.47	0.16	33.87	15.0	25	0.80	31.8
682	Soil	0.024	0.10	1.55	76.0	41	0.38	0.32	0.22	0.11	30.17	14.3	24	0.53	32.9
683	Soil	0.024	0.09	1.59	80.7	38	0.41	0.35	0.33	0.16	25.28	13.1	23	0.68	33.5
684	Soil	0.021	0.09	1.49	80.9	37	0.40	0.35	0.36	0.09	25.23	13.8	23	0.64	31.6
685	Soil	0.017	0.09	1.57	84.1	45	0.44	0.35	0.59	0.11	24.35	13.7	23	0.57	34.7
686	Soil	0.020	0.07	1.69	79.2	39	0.44	0.34	0.35	0.09	29.73	13.7	24	0.70	33.5
688	Soil	0.016	0.11	0.94	71.0	46	0.53	0.33	0.88	0.19	34.95	13.3	15	0.90	29.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
689	Soil	0.019	0.11	1.23	61.9	48	0.45	0.34	0.63	0.15	29.34	14.3	18	0.75	33.6
690	Soil	0.020	0.12	1.22	66.6	42	0.42	0.32	0.82	0.13	26.31	13.0	18	0.78	33.2
691	Soil	0.025	0.06	1.41	74.1	49	0.46	0.35	0.52	0.09	30.19	13.0	20	0.62	30.9
692	Soil	0.010	0.07	1.12	58.5	47	0.43	0.35	0.33	0.10	27.02	10.4	16	0.53	21.2
693	Soil	0.012	0.11	1.54	8.1	85	0.93	0.29	0.37	0.07	33.76	7.0	16	0.52	5.7
694	Soil	0.009	0.08	0.34	1.3	46	0.23	0.04	1.52	0.14	6.68	1.5	5	0.14	5.7
695	Soil	0.008	0.16	0.77	15.9	75	0.74	0.36	1.07	0.22	33.23	10.5	9	0.62	18.8
696	Soil	0.009	0.06	1.95	18.7	82	0.65	0.50	0.03	0.07	35.59	20.7	27	1.88	27.0
697	Soil	0.013	0.02	0.53	1.1	37	0.06	0.14	0.02	0.06	39.55	2.6	8	1.37	3.6
698	Soil	0.010	0.14	2.84	3.4	55	3.23	0.68	0.69	3.03	79.32	51.2	48	4.12	103.5
699	Soil	0.010	0.15	2.63	3.9	55	1.55	0.70	0.70	0.88	70.48	30.3	39	4.18	79.8
700	Soil	0.010	0.21	2.63	3.8	63	3.19	0.54	0.62	3.71	90.90	50.9	34	3.70	83.3
701	Soil	0.031	0.10	2.26	3.3	65	2.39	0.61	0.71	3.68	76.16	50.8	60	3.70	70.8
702	Soil	0.014	0.18	2.84	4.4	68	2.41	0.88	0.64	1.79	83.28	49.9	43	5.21	108.6
703	Soil	0.026	0.10	2.15	3.3	50	1.72	0.63	0.47	1.31	57.66	36.7	39	3.53	69.0
704	Soil	0.026	0.10	2.31	3.5	55	2.09	0.57	0.47	1.43	63.56	32.1	34	3.66	72.7
705	Soil	0.018	0.13	2.18	5.4	78	1.49	0.77	0.51	0.36	81.06	22.9	36	3.29	60.3
706	Soil	0.019	0.21	2.54	32.5	87	5.69	1.04	0.56	1.84	100.92	41.2	39	3.42	75.4
707	Soil	0.035	0.11	2.31	4.6	83	6.29	0.60	1.03	1.12	96.09	52.8	56	3.21	57.8
708	Soil	0.022	0.14	2.22	5.1	66	1.55	0.66	0.65	0.33	67.84	24.1	31	3.14	45.6
709	Soil	0.020	0.12	1.99	3.8	67	3.09	0.55	0.74	0.90	57.34	27.2	31	2.95	41.5
710	Soil	0.014	0.13	2.09	3.8	69	4.13	0.55	0.82	2.32	63.69	33.8	30	2.96	46.0
711	Soil	0.018	0.13	1.96	4.4	68	1.30	0.59	0.77	0.37	61.90	19.9	29	2.60	41.5
712	Soil	0.019	0.12	1.79	3.4	59	0.98	0.43	0.64	0.21	42.57	15.1	25	2.44	29.6
713	Soil	0.015	0.12	1.86	3.8	61	1.00	0.43	0.77	0.26	44.24	15.4	25	2.32	34.6
726	Soil	0.013	0.05	1.04	18.3	43	0.23	0.39	0.06	0.13	41.91	8.1	17	0.75	9.7
727	Soil	0.013	0.07	1.48	14.8	50	0.33	0.34	0.30	0.08	38.13	8.2	20	0.85	9.4
728	Soil	0.014	0.08	0.57	21.6	27	0.18	0.40	0.13	0.19	41.62	5.8	9	0.31	12.1
729	Soil	0.013	0.07	0.85	24.1	52	0.27	0.36	0.46	0.12	21.36	6.0	10	0.36	9.5
730	Soil	0.035	0.12	0.68	85.4	37	0.45	0.41	0.07	0.11	24.27	15.1	18	1.33	34.5
731	Soil	0.029	0.12	1.02	66.4	32	0.39	0.49	0.11	0.19	24.16	13.4	18	1.58	34.4
732	Soil	0.021	0.15	0.71	57.2	54	0.36	0.35	0.20	0.24	22.52	9.7	14	1.46	25.3
733	Soil	0.015	0.30	0.74	9.6	32	0.23	0.12	0.07	0.07	9.44	5.3	7	2.02	9.8
734	Soil	0.017	0.07	1.52	68.0	21	0.23	0.39	0.01	0.12	35.30	10.9	24	1.06	22.2
735	Soil	0.012	0.17	1.00	21.4	58	0.38	0.27	0.04	0.11	26.58	9.3	11	2.89	32.5
736	Soil	0.014	0.14	1.26	43.9	36	0.26	0.26	0.03	0.07	31.27	6.8	16	1.57	20.8
737	Soil	0.030	0.24	1.61	69.3	32	0.32	0.32	0.08	0.13	38.33	12.4	25	1.11	36.0
738	Soil	0.031	0.14	1.41	72.4	28	0.39	0.28	0.07	0.12	29.38	11.6	21	0.64	29.6
739	Soil	0.023	0.20	1.51	63.6	38	0.41	0.33	0.05	0.20	29.76	10.2	21	0.87	34.0
740	Soil	0.019	0.25	1.67	90.6	49	0.49	0.32	0.52	0.37	30.99	18.1	22	1.29	36.3

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
741	Soil	0.016	0.09	1.41	116.2	39	0.37	0.29	0.22	0.14	37.60	11.4	22	0.89	25.9
742	Soil	0.022	0.06	1.11	91.2	33	0.27	0.23	0.20	0.16	30.67	8.4	16	0.69	16.7
743	Soil	0.021	0.05	1.07	88.9	41	0.26	0.29	0.17	0.12	38.53	8.1	16	0.81	14.6
744	Soil	0.037	0.04	1.24	68.3	46	0.53	0.28	0.20	0.12	45.00	11.6	18	0.73	21.6
745	Soil	0.021	0.05	1.24	72.8	46	0.46	0.32	0.18	0.17	47.53	11.6	17	0.71	25.2
746	Soil	0.023	0.19	1.31	137.4	41	0.45	0.30	0.57	0.13	26.04	11.8	18	0.96	32.5
747	Soil	0.028	0.28	1.56	179.8	62	0.53	0.32	1.27	0.19	17.43	10.2	18	1.13	44.4
748	Soil	0.019	0.14	1.45	107.4	57	0.35	0.25	1.02	0.24	17.57	8.7	16	0.85	25.9
749	Soil	0.017	0.07	1.39	147.2	41	0.47	0.31	0.31	0.07	41.75	13.1	19	0.64	20.7
750	Soil	0.021	0.08	1.51	109.7	48	0.46	0.29	0.25	0.08	44.43	13.2	20	0.67	24.7
751	Soil	0.012	0.05	1.14	45.9	50	0.61	0.40	0.11	0.08	54.04	13.8	18	0.74	28.9
752	Soil	0.017	0.16	1.07	66.8	59	0.52	0.34	1.25	0.28	24.89	11.9	19	1.07	49.1
753	Soil	0.007	0.10	1.35	14.9	39	0.33	0.40	0.06	0.14	46.43	10.1	18	0.74	21.7
754	Soil	0.013	0.06	0.90	16.0	38	0.16	0.26	0.14	0.08	64.01	5.1	11	0.38	8.9
755	Soil	0.011	0.10	0.74	11.3	58	0.99	0.31	0.80	0.06	48.91	9.6	10	0.37	16.9
756	Soil	0.010	0.15	1.18	9.3	84	0.51	0.26	0.36	0.06	41.59	10.2	14	0.82	19.8
757	Soil	0.005	0.08	1.45	10.8	70	0.63	0.41	0.33	0.07	68.77	15.5	19	0.63	29.5
758	Soil	0.010	0.08	1.39	6.5	74	0.32	0.27	0.09	0.09	47.93	6.7	19	0.57	6.6
759	Soil	0.011	0.04	1.34	10.6	55	0.39	0.35	0.04	0.08	83.29	10.5	18	0.65	16.9
760	Soil	0.010	0.02	1.13	11.5	67	0.36	0.27	0.08	0.13	57.34	11.2	16	0.52	13.3
761	Soil	0.010	0.07	1.51	11.0	67	0.53	0.33	0.29	0.09	62.07	10.3	20	0.50	15.6
762	Soil	0.014	0.04	1.43	18.8	88	0.69	0.29	0.29	0.04	71.57	12.1	19	0.55	22.7
763	Soil	0.010	0.08	0.56	7.3	43	0.15	0.23	0.06	0.15	23.23	4.1	8	0.23	9.7
764	Soil	0.011	0.14	0.75	6.8	47	0.14	0.35	0.07	0.14	17.79	4.2	9	0.51	7.8
767	Soil	0.010	0.04	0.79	2.1	31	0.20	0.26	0.02	0.06	28.46	8.1	15	0.79	17.4
768	Soil	0.009	0.04	0.62	13.8	25	0.11	0.30	0.01	0.04	33.10	4.8	7	0.33	5.1
769	Soil	0.010	0.03	0.93	21.4	38	0.19	0.38	0.24	0.07	31.63	6.4	9	0.59	2.4
770	Soil	0.010	0.04	0.68	5.1	52	0.18	0.33	0.03	0.07	32.66	6.9	10	0.84	8.7
771	Soil	0.013	0.04	1.16	15.2	59	0.43	0.35	0.04	0.07	32.46	8.9	16	0.48	14.1
772	Soil	0.013	0.02	0.85	10.8	51	0.31	0.31	0.04	0.09	38.40	7.3	12	0.40	8.0
773	Soil	0.009	0.03	0.92	9.6	54	0.35	0.33	0.03	0.06	57.87	9.4	12	0.53	15.3
775	Soil	0.010	0.12	0.76	4.2	82	0.61	0.23	0.82	0.05	24.87	4.8	7	0.35	12.9
776	Soil	0.012	0.04	0.99	8.8	63	0.32	0.26	0.29	0.03	26.05	6.9	12	0.45	7.5
777	Soil	0.010	0.02	0.76	8.0	32	0.16	0.20	0.05	0.05	33.58	4.6	11	0.30	5.9
778	Soil	0.015	0.03	0.91	8.7	33	0.11	0.20	0.03	0.03	38.34	3.3	11	0.36	4.5
779	Soil	0.012	0.03	1.63	10.6	75	0.58	0.36	0.06	0.04	44.62	10.5	20	0.51	23.7
780	Soil	0.013	0.04	1.47	18.0	71	0.37	0.31	0.11	0.06	33.62	9.0	19	0.46	17.3
781	Soil	0.017	0.12	1.24	12.7	76	0.45	0.32	0.67	0.10	27.55	12.2	20	0.42	17.2
782	Soil	0.013	0.08	0.70	2.4	26	0.24	0.13	0.62	0.27	13.49	7.9	7	0.29	14.2
783	Soil	0.014	0.17	1.41	14.8	49	0.80	0.39	1.01	0.07	46.43	13.6	21	0.63	26.9

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
784	Soil	0.012	0.11	1.17	10.9	36	0.89	0.47	0.32	0.09	44.94	16.5	17	0.56	36.0
785	Soil	0.013	0.02	1.34	11.6	61	0.51	0.25	0.05	0.03	38.62	8.2	16	0.41	13.8
786	Soil	0.013	0.12	1.50	8.3	28	0.74	0.41	0.57	0.12	32.74	9.2	21	0.25	31.7
787	Soil	0.015	0.06	1.55	11.9	70	0.55	0.22	0.05	0.04	37.88	8.0	18	0.43	16.8
788	Soil	0.011	0.02	1.50	12.5	65	0.60	0.31	0.09	0.05	48.90	10.2	20	0.50	22.7
856	Soil	0.013	0.06	1.07	13.2	79	0.49	0.25	1.17	0.10	20.20	9.1	15	0.33	17.6
857	Soil	0.012	0.08	1.12	10.9	68	0.49	0.26	0.90	0.09	18.64	10.3	14	0.46	15.0
858	Soil	0.010	0.07	0.99	13.1	57	0.40	0.36	1.10	0.10	19.34	11.9	14	0.39	21.2
859	Soil	0.011	0.05	1.08	13.3	50	0.42	0.30	0.42	0.05	21.85	11.1	16	0.38	10.8
860	Soil	0.018	0.10	1.31	14.0	59	0.44	0.47	1.04	0.20	20.75	14.7	18	0.37	23.0
861	Soil	0.014	0.10	1.32	18.8	56	0.60	0.46	0.83	0.12	28.33	17.8	20	0.39	33.5
862	Soil	0.012	0.06	1.10	19.1	68	0.52	0.34	0.43	0.13	26.91	11.3	16	0.45	20.4
863	Soil	0.011	0.10	1.11	11.9	59	0.57	0.38	1.07	0.22	25.23	14.3	18	0.63	18.8
864	Soil	0.013	0.11	1.05	25.1	53	0.48	0.72	0.87	0.15	22.13	17.5	17	0.46	30.3
865	Soil	0.012	0.06	0.79	17.1	42	0.24	0.40	0.32	0.14	20.27	9.3	12	0.53	19.9
866	Soil	0.012	0.05	0.87	15.9	39	0.39	0.41	0.58	0.16	24.53	11.4	16	0.62	15.3
867	Soil	0.015	0.12	0.98	25.0	56	0.35	0.21	2.80	0.26	7.71	7.2	15	0.47	22.9
868	Soil	0.016	0.11	1.20	64.6	43	0.30	0.29	1.01	0.43	9.99	13.1	20	0.43	37.4
869	Soil	0.013	0.04	1.51	12.7	44	0.47	0.30	0.05	0.06	37.65	9.7	21	0.46	22.7
870	Soil	0.014	0.05	1.75	17.5	98	0.61	0.31	0.04	0.06	38.22	9.7	22	0.72	14.6
871	Soil	0.012	0.04	1.70	18.0	77	0.69	0.27	0.07	0.06	41.81	9.5	21	0.63	12.2
872	Soil	0.014	0.81	1.37	6.7	120	0.93	0.22	3.65	0.36	14.96	10.3	16	0.45	70.1
873	Soil	0.011	0.09	0.95	3.7	25	0.21	0.28	0.11	0.27	33.49	9.3	14	0.59	8.9
874	Soil	0.015	0.06	1.67	6.5	40	0.85	0.41	0.37	0.15	68.17	14.6	21	0.49	23.6
875	Soil	0.013	0.21	1.02	2.9	63	0.54	0.14	3.64	0.49	11.10	6.1	20	0.38	28.4
876	Soil	0.012	0.10	0.72	13.9	20	0.63	0.47	0.07	0.16	33.28	13.5	10	0.68	28.5
877	Soil	0.011	0.06	0.70	13.0	40	0.18	0.29	0.99	0.13	17.68	7.3	11	0.30	6.8
878	Soil	0.008	0.17	1.31	27.4	82	0.75	0.27	0.70	0.64	21.86	10.5	22	0.55	25.8
879	Soil	0.012	0.08	1.84	9.6	40	0.41	0.45	0.49	0.29	31.14	13.3	31	0.47	27.7
880	Soil	0.012	0.06	1.54	7.1	40	0.63	0.40	0.72	0.22	32.41	12.4	20	0.62	21.4
881	Soil	0.010	0.04	1.42	15.4	80	0.44	0.23	0.07	0.05	37.12	6.4	16	0.61	6.3
882	Soil	0.014	0.02	1.47	17.5	74	0.45	0.23	0.07	0.04	43.91	8.1	19	0.53	12.9
883	Soil	0.015	0.03	1.41	11.8	67	0.46	0.18	0.09	0.03	35.58	6.4	16	0.54	9.2
884	Soil	0.020	0.05	1.44	15.5	82	0.51	0.25	0.10	0.04	34.84	8.6	18	0.52	18.6

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
648	Soil	7.06	11.89	0.20	0.12	0.07	0.40	55.0	40.4	1.44	1585	3.14	0.04	0.59	92.2
649	Soil	5.72	11.96	0.57	0.75	0.06	0.37	663.4	42.5	1.31	>10000	2.89	0.03	0.73	644.3
650	Soil	5.71	12.48	0.62	0.91	0.06	0.31	1020.8	42.7	1.22	>10000	3.32	0.03	0.61	1337.2
651	Soil	5.47	12.32	0.74	1.14	0.06	0.34	1244.0	44.0	1.23	>10000	3.40	0.04	0.76	1436.6
652	Soil	6.05	11.89	0.27	0.19	0.07	0.41	244.2	44.1	1.40	5199	2.65	0.04	1.07	620.0
653	Soil	4.71	10.12	0.19	0.12	0.05	0.29	86.1	49.9	1.10	2928	1.72	0.04	1.40	204.4
654	Soil	4.93	10.72	0.38	0.40	0.05	0.32	515.6	47.4	1.15	>10000	2.43	0.05	1.08	845.7
655	Soil	5.00	10.15	0.20	0.18	0.05	0.32	168.6	41.9	1.09	5039	2.02	0.04	0.98	331.6
656	Soil	4.72	10.50	0.54	0.70	0.05	0.32	822.7	39.5	1.09	>10000	2.24	0.05	1.16	888.1
657	Soil	4.92	9.60	0.24	0.17	0.05	0.31	196.6	37.4	1.04	5938	1.89	0.05	1.18	340.8
658	Soil	4.72	10.13	0.17	0.12	0.05	0.36	90.8	39.5	1.20	2924	1.38	0.05	1.02	280.6
659	Soil	4.87	10.12	0.19	0.14	0.05	0.37	124.8	41.7	1.20	2881	1.60	0.06	1.57	314.5
660	Soil	5.28	8.40	0.22	0.21	0.04	0.39	190.7	39.1	1.00	4394	2.40	0.04	1.21	357.9
661	Soil	2.63	3.89	<0.05	0.14	0.02	0.04	9.7	32.3	0.59	473	0.37	<0.01	0.26	27.0
662	Soil	2.89	4.32	<0.05	0.14	0.02	0.06	12.3	37.1	0.65	467	0.39	<0.01	0.21	28.9
663	Soil	3.70	3.97	<0.05	<0.02	0.02	0.04	23.9	23.1	0.35	244	0.38	<0.01	0.08	35.4
664	Soil	4.21	3.83	<0.05	<0.02	0.03	0.05	23.1	28.8	0.37	419	0.50	<0.01	0.09	40.1
665	Soil	3.52	5.56	<0.05	0.03	0.02	0.04	15.1	33.3	0.44	407	0.51	<0.01	0.36	27.8
666	Soil	3.71	4.78	<0.05	0.07	0.03	0.03	9.7	36.3	0.41	1021	0.87	0.01	0.31	34.9
667	Soil	3.43	5.53	<0.05	0.03	0.03	0.04	12.7	35.5	0.46	790	0.76	0.01	0.39	28.9
668	Soil	4.18	6.98	0.05	0.05	0.03	0.04	27.6	61.4	0.76	604	0.48	<0.01	0.18	41.8
669	Soil	3.52	6.48	<0.05	0.05	0.02	0.04	26.8	46.6	0.60	329	0.41	<0.01	0.22	31.7
670	Soil	3.59	5.90	0.06	0.04	0.02	0.06	27.5	46.2	0.62	312	0.41	<0.01	0.18	34.0
671	Soil	3.51	5.42	<0.05	0.04	0.02	0.06	25.5	49.5	0.66	565	0.52	<0.01	0.28	36.7
672	Soil	3.01	4.83	<0.05	0.10	0.02	0.04	19.9	42.3	0.49	425	0.52	<0.01	0.23	30.0
673	Soil	3.54	5.57	<0.05	0.09	0.02	0.05	23.4	49.6	0.62	467	0.46	<0.01	0.15	36.3
674	Soil	3.40	5.24	<0.05	0.08	0.02	0.06	20.4	45.1	0.59	449	0.49	<0.01	0.18	35.3
675	Soil	3.45	5.83	<0.05	0.13	0.02	0.06	17.6	52.3	0.67	474	0.48	<0.01	0.22	36.0
676	Soil	3.13	4.73	<0.05	0.16	0.02	0.07	15.6	41.1	0.58	496	0.57	0.01	0.24	34.3
677	Soil	3.50	5.56	<0.05	0.11	0.02	0.07	22.7	48.1	0.62	489	0.42	0.01	0.22	36.3
678	Soil	3.10	5.40	<0.05	0.10	0.02	0.06	20.9	43.9	0.54	406	0.45	<0.01	0.20	30.8
679	Soil	3.22	4.74	0.06	0.08	0.02	0.07	22.2	41.4	0.55	619	0.85	0.01	0.22	33.5
680	Soil	2.96	4.46	<0.05	0.08	0.02	0.08	17.0	35.8	0.50	538	0.75	0.01	0.22	31.0
681	Soil	3.22	4.89	<0.05	0.12	0.02	0.07	16.9	43.5	0.58	443	0.56	0.01	0.25	32.5
682	Soil	3.29	4.77	<0.05	0.26	0.02	0.05	15.9	43.0	0.58	497	0.53	<0.01	0.20	34.7
683	Soil	3.29	4.67	<0.05	0.18	0.02	0.06	13.2	40.2	0.58	443	0.44	<0.01	0.21	33.3
684	Soil	3.20	4.56	<0.05	0.12	0.02	0.05	13.4	39.3	0.56	466	0.41	<0.01	0.21	31.9
685	Soil	3.23	4.61	<0.05	0.15	0.02	0.07	12.3	38.9	0.54	447	0.54	<0.01	0.22	32.9
686	Soil	3.33	4.69	<0.05	0.12	0.02	0.06	15.2	41.9	0.63	508	0.42	<0.01	0.22	34.5
688	Soil	3.31	2.57	<0.05	0.09	0.03	0.06	15.8	21.4	0.30	715	0.54	<0.01	0.16	31.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
689	Soil	3.13	3.51	<0.05	0.10	0.02	0.05	14.4	31.6	0.43	564	0.40	<0.01	0.21	32.6
690	Soil	3.04	3.48	<0.05	0.10	0.02	0.05	13.3	32.1	0.44	508	0.39	<0.01	0.21	29.8
691	Soil	3.24	4.08	<0.05	0.11	0.02	0.05	15.1	38.0	0.50	413	0.41	<0.01	0.24	31.6
692	Soil	3.31	3.71	<0.05	0.05	0.03	0.04	12.9	28.4	0.31	464	0.48	<0.01	0.33	24.2
693	Soil	3.55	4.15	<0.05	0.05	0.03	0.04	14.4	14.5	0.25	278	0.63	<0.01	1.08	13.4
694	Soil	0.38	1.28	<0.05	0.10	<0.01	0.02	3.7	0.9	0.02	172	0.43	0.03	0.31	3.0
695	Soil	3.25	1.99	<0.05	0.05	0.04	0.04	15.4	8.8	0.10	577	0.47	<0.01	0.60	22.6
696	Soil	4.20	4.85	<0.05	0.19	0.04	0.04	18.1	42.0	0.42	342	0.92	<0.01	1.05	46.3
697	Soil	1.05	3.68	<0.05	<0.02	<0.01	0.02	20.2	7.9	0.08	77	0.52	0.01	0.42	6.7
698	Soil	5.05	8.60	0.16	0.10	0.04	0.39	99.9	37.2	1.19	2309	2.44	0.05	2.27	366.4
699	Soil	5.01	8.42	0.10	0.07	0.05	0.32	43.7	37.5	1.19	953	1.81	0.05	2.50	150.9
700	Soil	4.62	7.56	0.20	0.17	0.04	0.38	186.4	32.8	1.02	4483	1.80	0.04	1.63	334.1
701	Soil	4.70	7.85	0.15	0.15	0.04	0.36	139.1	34.0	1.05	4677	4.62	0.04	1.14	345.0
702	Soil	5.38	9.83	0.13	0.07	0.06	0.37	56.6	42.0	1.24	1506	1.87	0.05	2.52	296.5
703	Soil	4.63	7.76	0.12	0.08	0.04	0.32	42.2	33.7	1.02	1616	1.69	0.04	1.21	168.1
704	Soil	4.57	7.63	0.12	0.11	0.04	0.35	72.4	34.8	1.03	1920	1.59	0.04	1.30	177.7
705	Soil	4.06	7.64	0.08	0.06	0.04	0.30	39.8	40.0	1.05	850	2.25	0.04	2.29	141.0
706	Soil	4.69	8.07	0.21	0.19	0.17	0.43	107.6	34.9	1.17	1068	1.96	0.04	2.32	250.7
707	Soil	4.07	7.49	0.20	0.18	0.04	0.37	116.5	36.3	1.06	1482	4.00	0.05	1.44	400.0
708	Soil	3.92	7.25	0.09	0.06	0.04	0.31	38.2	35.7	1.02	787	1.27	0.05	2.28	166.1
709	Soil	3.42	6.24	0.12	0.10	0.03	0.29	67.9	31.3	0.90	850	1.17	0.05	1.86	370.2
710	Soil	3.45	6.57	0.14	0.12	0.03	0.31	93.7	34.7	0.94	787	1.15	0.05	2.16	549.0
711	Soil	3.40	6.64	0.08	0.07	0.03	0.25	31.6	38.5	0.91	829	1.16	0.04	2.38	197.1
712	Soil	3.00	5.87	<0.05	0.05	0.03	0.22	22.2	36.5	0.77	514	0.77	0.03	2.38	114.4
713	Soil	3.24	5.91	0.06	0.05	0.03	0.25	22.7	34.4	0.83	812	0.83	0.03	2.33	128.0
726	Soil	2.84	4.39	<0.05	<0.02	0.02	0.03	20.8	34.2	0.31	344	0.85	<0.01	0.42	19.7
727	Soil	2.68	5.08	<0.05	0.03	0.02	0.03	18.4	45.3	0.44	205	0.64	<0.01	0.78	18.1
728	Soil	2.08	4.54	<0.05	<0.02	0.01	0.04	20.7	6.8	0.07	116	0.93	<0.01	0.95	10.9
729	Soil	2.28	3.89	<0.05	0.20	0.01	0.03	10.9	10.7	0.10	194	0.67	<0.01	0.77	8.8
730	Soil	3.16	2.58	<0.05	0.05	0.02	0.03	13.6	14.5	0.19	321	0.91	<0.01	0.09	34.8
731	Soil	3.33	3.96	<0.05	0.03	0.02	0.04	12.6	27.1	0.34	581	0.68	<0.01	0.29	29.5
732	Soil	2.41	3.28	<0.05	<0.02	0.02	0.04	12.4	12.7	0.16	497	0.73	0.01	0.24	19.9
733	Soil	1.05	2.73	<0.05	0.03	<0.01	0.03	5.0	10.5	0.11	165	0.42	0.03	0.53	7.3
734	Soil	4.08	5.80	0.05	0.02	0.02	0.03	18.6	39.1	0.55	309	0.58	<0.01	0.43	29.8
735	Soil	1.67	4.03	<0.05	<0.02	0.02	0.04	13.9	13.2	0.14	476	0.51	0.02	0.37	10.2
736	Soil	2.35	4.58	<0.05	<0.02	0.01	0.04	15.9	26.7	0.32	166	0.50	0.02	0.31	18.0
737	Soil	3.48	5.07	0.05	0.05	0.02	0.05	19.8	46.2	0.61	344	0.52	<0.01	0.15	35.1
738	Soil	3.17	4.34	<0.05	0.06	0.02	0.04	15.1	39.1	0.53	366	0.51	<0.01	0.17	30.6
739	Soil	3.10	4.39	<0.05	0.08	0.02	0.06	15.0	34.8	0.48	363	0.56	<0.01	0.23	28.4
740	Soil	3.11	4.55	<0.05	0.09	0.02	0.06	15.7	48.5	0.56	902	0.56	<0.01	0.20	32.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
741	Soil	3.22	4.48	<0.05	0.05	0.02	0.05	19.2	41.7	0.48	367	0.69	<0.01	0.23	30.0
742	Soil	2.52	3.83	<0.05	0.04	0.01	0.04	15.7	33.7	0.37	264	0.40	<0.01	0.26	21.0
743	Soil	2.72	4.25	<0.05	0.02	0.02	0.05	18.7	29.2	0.30	327	0.47	<0.01	0.40	19.2
744	Soil	2.93	3.53	<0.05	0.04	0.02	0.06	22.2	31.6	0.37	437	0.54	<0.01	0.18	27.1
745	Soil	3.01	3.53	0.05	0.04	0.02	0.06	22.9	30.9	0.38	448	0.42	<0.01	0.17	28.4
746	Soil	2.94	3.78	<0.05	0.09	0.02	0.05	12.4	36.7	0.44	393	0.44	<0.01	0.26	28.3
747	Soil	2.80	4.00	<0.05	0.22	0.02	0.06	9.5	36.4	0.46	360	0.46	0.01	0.43	29.0
748	Soil	2.62	3.92	<0.05	0.13	0.02	0.05	9.3	38.6	0.46	244	0.38	0.01	0.38	24.4
749	Soil	3.26	4.07	<0.05	0.08	0.02	0.05	19.3	40.0	0.50	456	0.37	<0.01	0.24	28.5
750	Soil	3.25	4.17	<0.05	0.08	0.02	0.05	21.8	43.9	0.53	420	0.44	<0.01	0.21	30.4
751	Soil	3.81	3.13	0.05	0.03	0.03	0.05	23.3	28.3	0.31	464	0.57	<0.01	0.23	34.8
752	Soil	2.92	2.90	<0.05	0.12	0.02	0.06	11.8	29.3	0.37	480	0.84	0.01	0.23	31.2
753	Soil	3.57	4.54	<0.05	<0.02	0.02	0.04	23.0	39.0	0.32	184	0.86	0.01	0.60	25.0
754	Soil	2.35	4.40	<0.05	0.02	0.01	0.05	28.6	21.1	0.21	130	0.51	<0.01	0.36	13.9
755	Soil	3.21	1.75	0.08	0.05	0.04	0.03	24.7	7.0	0.08	615	0.52	<0.01	0.17	25.1
756	Soil	2.72	3.61	<0.05	0.04	0.03	0.03	18.8	36.4	0.30	294	0.46	0.01	0.41	24.0
757	Soil	3.47	4.27	0.07	0.07	0.03	0.05	28.6	52.3	0.50	854	0.39	<0.01	0.18	38.6
758	Soil	2.47	5.48	0.05	0.02	0.02	0.04	23.4	42.5	0.41	193	0.36	<0.01	1.16	14.3
759	Soil	3.11	4.89	0.06	0.03	0.02	0.05	36.5	45.0	0.41	356	0.37	<0.01	0.26	22.0
760	Soil	3.01	3.65	<0.05	0.02	0.02	0.06	25.7	29.7	0.29	442	0.56	<0.01	0.34	20.1
761	Soil	3.18	4.49	0.05	0.04	0.03	0.05	26.4	45.3	0.50	422	0.48	<0.01	0.50	26.2
762	Soil	3.04	3.89	0.05	0.06	0.02	0.07	27.1	33.3	0.37	433	0.39	<0.01	0.24	29.0
763	Soil	1.41	2.96	<0.05	0.23	<0.01	0.02	11.6	16.8	0.13	99	0.46	<0.01	0.40	9.8
764	Soil	2.00	3.85	<0.05	0.06	0.01	0.03	8.7	15.8	0.11	90	0.63	<0.01	0.69	8.6
767	Soil	3.28	3.10	<0.05	0.05	0.01	0.02	14.6	19.6	0.15	185	0.62	<0.01	0.47	18.8
768	Soil	2.04	3.92	<0.05	0.03	<0.01	0.02	17.0	7.9	0.09	115	0.51	<0.01	0.50	7.4
769	Soil	2.78	4.04	0.05	0.03	0.01	0.02	13.6	35.6	0.29	109	0.50	0.01	0.27	16.0
770	Soil	2.31	2.20	<0.05	0.03	0.02	0.02	17.2	20.3	0.17	79	0.45	<0.01	0.18	18.1
771	Soil	3.00	3.64	<0.05	0.06	0.03	0.02	15.1	25.8	0.32	242	0.64	<0.01	0.64	22.5
772	Soil	2.55	3.28	<0.05	0.04	0.02	0.02	18.0	16.6	0.16	159	0.52	<0.01	0.48	14.9
773	Soil	3.10	3.04	0.06	0.05	0.02	0.03	29.2	19.1	0.17	159	0.51	<0.01	0.32	22.7
775	Soil	1.84	2.02	<0.05	0.05	0.03	0.02	11.8	13.7	0.12	120	0.30	0.01	0.30	12.9
776	Soil	2.64	2.95	<0.05	0.04	0.02	0.02	11.9	24.7	0.25	142	0.39	<0.01	0.41	15.2
777	Soil	1.83	3.66	<0.05	0.03	0.01	0.03	15.3	16.9	0.20	235	0.41	<0.01	0.30	11.7
778	Soil	1.81	3.76	<0.05	0.03	0.01	0.02	19.2	24.3	0.26	89	0.32	<0.01	0.30	11.0
779	Soil	3.37	4.46	<0.05	0.06	0.02	0.05	21.4	50.0	0.46	307	0.35	<0.01	0.29	29.7
780	Soil	2.94	4.56	<0.05	0.04	0.02	0.04	16.2	40.2	0.45	244	0.45	<0.01	0.30	25.2
781	Soil	2.74	3.88	<0.05	0.06	0.02	0.03	12.1	40.7	0.47	517	0.51	<0.01	0.63	25.8
782	Soil	1.04	2.17	<0.05	0.04	0.02	0.02	5.4	14.2	0.13	315	0.31	0.02	0.33	9.2
783	Soil	3.25	4.36	0.07	0.09	0.05	0.02	19.4	56.9	0.51	392	0.40	<0.01	0.50	31.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
784	Soil	3.91	3.32	0.05	0.13	0.04	0.02	18.4	45.0	0.39	1048	0.58	<0.01	0.05	39.3
785	Soil	2.45	4.02	<0.05	0.05	0.02	0.04	18.6	34.8	0.37	233	0.31	<0.01	0.23	21.2
786	Soil	3.21	4.56	0.06	0.13	0.04	0.02	15.7	69.5	0.64	174	0.35	<0.01	0.13	31.4
787	Soil	2.64	4.14	<0.05	0.06	0.02	0.05	18.5	37.7	0.42	176	0.29	<0.01	0.35	23.8
788	Soil	2.77	4.37	<0.05	0.04	0.02	0.05	23.8	44.7	0.48	335	0.35	<0.01	0.28	27.2
856	Soil	2.41	3.17	<0.05	0.08	0.02	0.04	8.7	29.3	0.30	528	0.41	<0.01	0.41	18.6
857	Soil	2.27	3.34	<0.05	0.07	0.02	0.04	8.2	28.7	0.29	601	0.39	0.01	0.55	16.7
858	Soil	2.78	2.79	<0.05	0.08	0.03	0.03	8.7	30.0	0.32	427	0.49	<0.01	0.30	24.4
859	Soil	2.68	3.21	<0.05	0.05	0.02	0.02	10.0	35.0	0.40	308	0.33	<0.01	0.45	20.2
860	Soil	3.24	3.76	<0.05	0.06	0.03	0.03	9.4	43.3	0.47	535	0.46	<0.01	0.41	27.4
861	Soil	3.45	3.92	<0.05	0.11	0.02	0.05	13.1	47.9	0.52	523	0.51	<0.01	0.29	38.1
862	Soil	2.97	3.47	<0.05	0.05	0.03	0.03	10.9	29.7	0.29	352	0.55	<0.01	0.34	22.8
863	Soil	2.89	3.63	<0.05	0.04	0.03	0.03	10.2	37.0	0.32	588	0.51	<0.01	0.78	22.3
864	Soil	3.16	3.18	<0.05	0.07	0.03	0.03	10.2	31.5	0.33	636	0.56	<0.01	0.45	29.8
865	Soil	2.83	2.99	<0.05	0.04	0.02	0.03	10.2	19.9	0.20	219	0.62	<0.01	0.47	19.2
866	Soil	3.05	3.29	<0.05	0.03	0.03	0.03	11.7	26.8	0.22	366	0.84	<0.01	0.64	20.4
867	Soil	1.91	2.67	<0.05	0.32	0.02	0.03	4.0	26.9	0.32	434	0.55	0.01	0.30	18.0
868	Soil	2.70	3.90	<0.05	0.09	0.02	0.02	4.9	31.5	0.42	498	0.66	<0.01	0.16	31.2
869	Soil	3.01	4.15	<0.05	0.08	0.03	0.03	18.6	48.7	0.52	293	0.35	<0.01	0.51	26.6
870	Soil	3.15	5.22	<0.05	0.07	0.03	0.06	18.8	42.2	0.41	268	0.45	<0.01	0.76	23.9
871	Soil	3.11	4.71	<0.05	0.04	0.02	0.05	20.5	47.9	0.45	222	0.42	<0.01	0.36	24.3
872	Soil	1.89	2.65	<0.05	0.15	0.02	0.02	7.9	24.2	0.24	1213	0.43	0.01	0.57	39.4
873	Soil	2.92	4.10	<0.05	<0.02	0.02	0.02	16.1	26.5	0.16	219	0.67	<0.01	0.33	15.6
874	Soil	3.82	4.61	0.06	0.07	0.05	0.02	27.6	55.8	0.43	414	0.63	<0.01	0.14	36.3
875	Soil	1.25	2.02	<0.05	0.11	0.02	0.02	5.3	15.5	0.13	398	1.36	0.01	0.32	21.0
876	Soil	3.72	2.50	<0.05	0.06	0.03	0.02	17.1	17.0	0.13	177	0.74	<0.01	0.13	29.2
877	Soil	1.87	3.15	<0.05	0.04	0.01	0.02	7.6	22.0	0.21	272	0.42	<0.01	0.53	10.3
878	Soil	2.56	3.61	<0.05	0.08	0.03	0.04	10.2	42.9	0.26	585	1.04	0.01	0.49	29.1
879	Soil	4.32	6.28	<0.05	0.06	0.04	0.03	15.8	79.9	0.70	286	0.99	<0.01	0.25	39.2
880	Soil	3.17	4.49	<0.05	0.06	0.04	0.02	15.1	57.0	0.51	381	0.49	0.01	0.22	26.6
881	Soil	2.31	5.12	<0.05	0.05	0.02	0.04	18.9	31.9	0.31	191	0.42	<0.01	0.88	13.5
882	Soil	2.61	4.57	<0.05	0.07	0.02	0.06	21.8	39.1	0.43	218	0.30	<0.01	0.42	21.7
883	Soil	2.40	4.29	<0.05	0.06	0.02	0.05	17.6	35.8	0.40	156	0.26	<0.01	0.64	18.6
884	Soil	2.71	4.41	<0.05	0.07	0.02	0.06	16.9	39.2	0.41	235	0.30	<0.01	0.39	23.3

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
648	Soil	805	14.9	33.0	<0.01	0.35	0.13	10.2	2.3	1.2	41.5	0.03	0.11	11.4	0.110
649	Soil	656	14.5	33.1	0.04	0.31	0.14	9.2	17.3	1.0	54.9	0.18	0.11	10.6	0.112
650	Soil	392	14.3	30.0	0.05	0.29	0.14	8.8	18.5	1.0	61.2	0.21	0.13	10.1	0.107
651	Soil	633	16.5	31.6	0.06	0.30	0.12	8.4	23.5	1.0	80.2	0.27	0.10	9.6	0.103
652	Soil	748	17.5	35.3	0.01	0.27	0.14	10.0	4.0	1.1	60.0	0.05	0.10	11.3	0.123
653	Soil	338	21.7	40.7	<0.01	0.17	0.23	7.2	2.1	0.9	94.7	0.03	0.09	10.2	0.125
654	Soil	551	19.3	37.9	0.02	0.19	0.20	7.2	8.7	0.9	97.1	0.09	0.12	9.9	0.117
655	Soil	359	16.6	41.2	<0.01	0.17	0.21	7.3	3.2	0.9	94.2	0.04	0.11	10.5	0.118
656	Soil	593	17.9	35.8	0.04	0.21	0.18	6.9	15.4	0.8	121.5	0.16	0.12	8.7	0.105
657	Soil	582	16.8	36.5	<0.01	0.18	0.24	6.7	3.7	0.8	104.4	0.05	0.10	9.6	0.107
658	Soil	585	14.3	41.1	<0.01	0.12	0.18	7.6	2.3	0.9	87.9	0.03	0.12	9.5	0.123
659	Soil	627	17.1	41.4	<0.01	0.16	0.18	7.8	2.9	0.9	98.1	0.04	0.11	11.7	0.128
660	Soil	599	19.6	44.7	0.01	0.23	0.26	5.9	4.1	0.7	81.5	0.05	0.11	11.7	0.106
661	Soil	431	26.8	2.4	<0.01	0.08	0.69	2.0	0.6	<0.2	312.6	<0.01	0.07	7.8	0.013
662	Soil	474	29.1	3.4	<0.01	0.06	0.74	2.2	0.5	<0.2	268.9	<0.01	0.08	9.7	0.011
663	Soil	376	41.1	5.1	<0.01	<0.01	1.13	1.2	<0.2	<0.2	22.8	<0.01	0.09	6.5	<0.005
664	Soil	359	32.5	6.4	<0.01	0.01	1.75	1.9	0.4	<0.2	14.6	<0.01	0.16	6.8	<0.005
665	Soil	789	29.3	7.6	<0.01	0.02	0.67	1.1	0.5	0.3	11.8	<0.01	0.09	2.3	<0.005
666	Soil	406	29.4	5.8	<0.01	0.02	1.38	1.7	0.5	<0.2	23.5	<0.01	0.14	3.0	<0.005
667	Soil	798	25.8	5.5	<0.01	0.02	0.73	1.2	0.4	0.3	9.2	<0.01	0.14	1.2	0.008
668	Soil	295	26.7	4.8	<0.01	<0.01	0.69	2.3	0.5	<0.2	7.4	<0.01	0.13	7.7	<0.005
669	Soil	344	24.3	4.2	<0.01	0.01	0.61	1.8	<0.2	0.2	5.5	<0.01	0.09	6.6	<0.005
670	Soil	353	25.1	5.3	<0.01	<0.01	0.70	1.8	<0.2	<0.2	8.3	<0.01	0.11	7.5	<0.005
671	Soil	506	28.0	4.5	<0.01	0.01	0.77	2.4	0.3	<0.2	18.0	<0.01	0.10	9.4	<0.005
672	Soil	261	31.5	3.9	<0.01	0.01	0.83	2.3	0.4	<0.2	26.7	<0.01	0.10	9.2	<0.005
673	Soil	464	27.5	3.4	<0.01	0.01	0.65	2.2	<0.2	<0.2	15.6	<0.01	0.08	10.2	<0.005
674	Soil	414	27.7	4.2	<0.01	0.01	0.83	2.2	0.2	<0.2	28.2	<0.01	0.08	9.4	<0.005
675	Soil	528	29.1	3.8	<0.01	0.03	0.79	2.5	0.6	<0.2	31.0	<0.01	0.09	8.2	<0.005
676	Soil	469	25.9	3.8	<0.01	0.04	0.80	2.1	0.4	<0.2	42.3	<0.01	0.08	8.5	<0.005
677	Soil	469	27.4	4.5	<0.01	0.02	0.74	2.2	0.3	<0.2	28.1	<0.01	0.10	9.2	<0.005
678	Soil	311	27.7	5.7	<0.01	0.01	0.73	2.2	<0.2	<0.2	25.8	<0.01	0.07	8.9	<0.005
679	Soil	456	31.6	3.9	<0.01	0.02	0.67	2.0	0.4	<0.2	19.5	<0.01	0.08	8.7	<0.005
680	Soil	469	30.8	4.5	<0.01	0.02	0.71	1.9	0.3	<0.2	25.0	<0.01	0.07	7.6	<0.005
681	Soil	540	24.4	4.6	<0.01	0.03	0.60	2.2	0.4	<0.2	31.5	<0.01	0.08	7.8	<0.005
682	Soil	411	23.6	3.1	<0.01	<0.01	0.68	2.2	0.3	<0.2	20.9	<0.01	0.08	8.5	<0.005
683	Soil	463	23.3	3.8	<0.01	0.02	0.70	1.9	0.2	<0.2	21.6	<0.01	0.07	7.8	<0.005
684	Soil	513	25.1	3.3	<0.01	0.02	0.67	2.0	0.2	<0.2	25.9	<0.01	0.07	7.6	<0.005
685	Soil	309	24.4	3.6	<0.01	0.03	0.72	2.1	0.4	<0.2	35.6	<0.01	0.08	7.9	<0.005
686	Soil	485	24.0	3.8	<0.01	0.02	0.74	1.9	<0.2	<0.2	23.8	<0.01	0.08	8.1	<0.005
688	Soil	666	26.0	3.7	<0.01	0.04	1.11	2.9	0.4	<0.2	55.0	<0.01	0.06	6.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
689	Soil	493	23.6	3.4	<0.01	0.03	0.84	2.5	0.7	<0.2	41.8	<0.01	0.08	6.9	<0.005
690	Soil	465	24.7	3.3	<0.01	0.03	0.74	2.4	0.7	<0.2	44.3	<0.01	0.06	6.5	<0.005
691	Soil	312	25.3	3.3	<0.01	0.02	0.70	2.2	0.5	<0.2	34.3	<0.01	0.05	7.9	<0.005
692	Soil	242	24.7	3.7	<0.01	0.01	0.59	1.9	<0.2	0.2	27.3	<0.01	0.07	5.8	<0.005
693	Soil	212	34.2	7.9	<0.01	0.01	1.02	2.5	0.2	0.4	29.3	<0.01	0.03	6.1	0.005
694	Soil	320	3.2	1.9	<0.01	0.03	0.13	0.4	0.2	<0.2	90.1	0.01	0.03	0.4	0.010
695	Soil	221	26.2	5.0	<0.01	0.02	3.11	3.9	0.5	0.3	53.7	<0.01	0.02	7.5	<0.005
696	Soil	289	23.8	10.7	<0.01	<0.01	0.89	2.6	<0.2	0.4	23.7	<0.01	0.07	10.4	0.008
697	Soil	131	4.7	4.7	<0.01	<0.01	0.09	0.6	<0.2	0.3	5.7	<0.01	0.02	4.2	<0.005
698	Soil	694	12.6	32.7	<0.01	0.19	0.16	7.0	2.5	0.8	67.2	0.03	0.09	10.6	0.110
699	Soil	655	14.8	35.5	<0.01	0.13	0.17	6.1	1.2	0.7	88.4	0.02	0.08	10.1	0.100
700	Soil	577	11.1	38.4	<0.01	0.16	0.18	5.4	3.2	0.6	66.5	0.04	0.09	9.6	0.090
701	Soil	520	11.1	38.2	<0.01	0.16	0.20	5.7	1.8	0.7	64.1	0.03	0.10	9.6	0.096
702	Soil	742	16.4	36.6	0.01	0.18	0.16	7.6	1.8	0.8	71.2	0.02	0.11	12.1	0.113
703	Soil	540	11.6	34.0	<0.01	0.13	0.17	5.9	1.1	0.7	59.6	0.01	0.08	10.1	0.102
704	Soil	544	11.8	37.8	<0.01	0.13	0.18	5.4	1.3	0.7	62.0	0.02	0.07	10.5	0.097
705	Soil	780	19.2	38.0	<0.01	0.14	0.28	4.7	1.1	0.7	66.7	<0.01	0.10	9.3	0.073
706	Soil	806	26.2	46.1	<0.01	0.16	0.60	5.3	2.9	0.7	79.2	0.03	0.12	12.4	0.069
707	Soil	789	16.0	40.3	0.01	0.18	0.22	5.2	3.0	0.7	112.1	0.03	0.09	10.5	0.080
708	Soil	794	17.9	40.6	<0.01	0.12	0.23	4.3	1.0	0.7	88.2	<0.01	0.11	7.3	0.068
709	Soil	623	13.9	37.7	<0.01	0.08	0.18	4.0	1.5	0.6	83.7	0.01	0.08	7.9	0.060
710	Soil	672	14.2	36.2	<0.01	0.11	0.17	3.9	2.1	0.6	93.9	0.02	0.06	7.1	0.060
711	Soil	578	15.2	35.1	<0.01	0.09	0.16	4.0	1.2	0.6	78.3	<0.01	0.09	7.7	0.063
712	Soil	510	12.1	33.3	<0.01	0.07	0.12	3.5	0.9	0.6	60.5	<0.01	0.05	6.8	0.058
713	Soil	534	12.5	32.4	<0.01	0.09	0.11	3.4	1.0	0.5	64.0	<0.01	0.06	6.3	0.056
726	Soil	284	18.8	8.0	<0.01	<0.01	0.42	1.3	<0.2	0.2	9.4	<0.01	0.06	8.1	<0.005
727	Soil	207	16.8	7.3	<0.01	0.01	0.33	1.7	<0.2	0.4	36.3	<0.01	0.05	5.6	0.005
728	Soil	243	12.0	3.8	<0.01	0.01	0.46	0.6	<0.2	0.5	13.6	<0.01	0.06	3.6	0.008
729	Soil	300	16.9	6.4	<0.01	0.02	0.42	0.9	<0.2	0.4	42.9	0.01	0.07	2.9	<0.005
730	Soil	434	24.0	3.6	<0.01	0.02	1.68	1.5	0.3	<0.2	15.0	<0.01	0.15	4.3	<0.005
731	Soil	571	28.8	4.4	<0.01	0.02	1.18	1.3	<0.2	0.2	12.1	<0.01	0.12	3.2	<0.005
732	Soil	469	22.5	5.6	<0.01	0.02	0.96	0.9	<0.2	0.2	16.0	<0.01	0.11	1.5	<0.005
733	Soil	246	10.0	2.8	<0.01	0.02	0.16	0.8	<0.2	<0.2	7.4	<0.01	0.06	1.0	0.013
734	Soil	373	18.7	3.8	<0.01	<0.01	0.63	1.3	<0.2	0.2	3.9	<0.01	0.10	6.3	<0.005
735	Soil	429	26.9	6.5	<0.01	0.01	0.25	0.5	<0.2	0.3	7.5	<0.01	0.06	0.7	<0.005
736	Soil	326	18.5	4.4	<0.01	0.01	0.37	0.9	<0.2	<0.2	6.6	<0.01	0.06	2.2	<0.005
737	Soil	456	24.0	3.3	<0.01	0.01	0.67	1.6	<0.2	<0.2	8.8	<0.01	0.09	6.8	<0.005
738	Soil	340	24.0	2.8	<0.01	0.01	0.63	1.5	<0.2	<0.2	6.9	<0.01	0.07	5.8	<0.005
739	Soil	431	27.8	4.0	<0.01	0.01	0.59	1.4	0.3	<0.2	6.9	<0.01	0.09	5.3	<0.005
740	Soil	580	31.5	5.0	<0.01	0.03	0.60	1.8	0.5	<0.2	26.4	<0.01	0.07	5.7	<0.005

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
741	Soil	321	27.5	5.2	<0.01	0.01	0.54	1.5	<0.2	<0.2	14.7	<0.01	0.10	6.8	<0.005
742	Soil	231	20.6	4.2	<0.01	0.01	0.44	1.2	<0.2	<0.2	12.6	<0.01	0.05	5.3	<0.005
743	Soil	288	23.3	7.0	<0.01	0.01	0.46	1.2	<0.2	0.3	15.5	<0.01	0.06	4.9	<0.005
744	Soil	353	27.1	4.7	<0.01	0.01	0.67	1.9	<0.2	<0.2	17.7	<0.01	0.08	6.9	<0.005
745	Soil	349	27.4	4.5	<0.01	0.02	0.71	2.0	0.2	<0.2	16.0	<0.01	0.05	7.3	<0.005
746	Soil	413	25.3	4.1	<0.01	0.03	0.60	2.0	0.4	<0.2	25.7	<0.01	0.07	5.9	<0.005
747	Soil	620	26.1	4.9	<0.01	0.08	0.66	1.9	1.2	<0.2	46.8	<0.01	0.07	4.6	<0.005
748	Soil	358	16.3	4.9	<0.01	0.04	0.47	1.4	0.5	<0.2	37.5	<0.01	0.05	4.1	<0.005
749	Soil	266	24.6	4.2	<0.01	0.01	0.53	2.3	0.3	<0.2	18.9	<0.01	0.05	7.3	<0.005
750	Soil	298	23.3	4.3	<0.01	0.01	0.57	2.0	<0.2	<0.2	17.2	<0.01	0.06	7.8	<0.005
751	Soil	343	24.0	5.0	<0.01	<0.01	0.50	2.4	0.2	0.2	13.3	<0.01	0.06	10.4	<0.005
752	Soil	692	23.9	5.2	<0.01	0.08	0.91	2.4	0.9	<0.2	58.3	<0.01	0.06	5.4	<0.005
753	Soil	412	20.7	5.5	<0.01	0.02	0.73	1.5	<0.2	0.4	15.5	<0.01	0.07	7.2	<0.005
754	Soil	276	12.6	6.4	<0.01	<0.01	0.37	1.0	<0.2	0.3	15.0	<0.01	0.05	6.9	<0.005
755	Soil	1521	25.3	4.0	<0.01	0.03	0.71	6.1	0.4	<0.2	46.9	<0.01	0.06	6.6	<0.005
756	Soil	327	16.4	5.8	<0.01	0.02	0.52	2.3	<0.2	0.2	36.9	<0.01	0.04	5.4	<0.005
757	Soil	553	20.5	4.3	<0.01	0.01	0.66	3.3	<0.2	<0.2	39.3	<0.01	0.06	11.7	<0.005
758	Soil	163	15.4	5.7	<0.01	<0.01	0.24	1.5	<0.2	0.5	13.9	<0.01	0.03	6.0	0.008
759	Soil	226	17.2	7.6	<0.01	<0.01	0.40	1.5	<0.2	0.3	8.8	<0.01	0.03	10.5	<0.005
760	Soil	257	21.2	8.6	<0.01	<0.01	0.79	1.5	<0.2	0.2	14.3	<0.01	0.04	8.2	<0.005
761	Soil	243	17.5	6.1	<0.01	<0.01	0.40	2.2	<0.2	0.3	28.1	<0.01	0.05	9.2	<0.005
762	Soil	182	20.6	6.3	<0.01	0.01	0.91	2.6	<0.2	0.2	31.4	<0.01	0.05	10.4	<0.005
763	Soil	164	9.5	2.7	<0.01	<0.01	0.66	0.6	<0.2	0.2	8.8	<0.01	0.04	3.1	<0.005
764	Soil	489	18.1	4.4	<0.01	0.02	0.64	0.5	<0.2	0.3	13.8	<0.01	0.08	1.3	<0.005
767	Soil	151	11.8	5.7	<0.01	<0.01	0.21	0.9	<0.2	0.2	6.7	<0.01	0.07	5.7	<0.005
768	Soil	129	10.8	3.0	<0.01	<0.01	0.49	0.6	<0.2	0.3	3.5	<0.01	0.05	4.3	<0.005
769	Soil	1185	6.2	4.8	<0.01	<0.01	0.20	1.1	<0.2	0.2	51.0	<0.01	0.05	3.3	<0.005
770	Soil	116	17.6	5.1	<0.01	<0.01	0.46	1.0	<0.2	0.2	6.5	<0.01	0.03	6.5	<0.005
771	Soil	194	16.5	4.5	<0.01	<0.01	0.44	1.4	<0.2	0.3	5.9	<0.01	0.03	6.7	<0.005
772	Soil	126	14.0	4.6	<0.01	<0.01	0.56	1.0	<0.2	0.3	6.4	<0.01	0.06	6.3	<0.005
773	Soil	146	13.0	5.0	<0.01	<0.01	0.91	1.5	<0.2	0.3	5.6	<0.01	0.04	9.6	<0.005
775	Soil	293	15.7	3.3	<0.01	0.02	0.19	2.1	0.4	0.2	73.0	<0.01	0.03	3.2	<0.005
776	Soil	147	14.3	4.0	<0.01	<0.01	0.67	1.4	<0.2	0.2	25.5	<0.01	0.04	5.6	<0.005
777	Soil	152	10.4	2.7	<0.01	<0.01	0.24	0.7	<0.2	<0.2	6.3	<0.01	0.03	5.0	<0.005
778	Soil	103	8.3	3.3	<0.01	<0.01	0.74	0.8	<0.2	0.2	5.5	<0.01	0.04	6.4	<0.005
779	Soil	163	21.7	4.9	<0.01	<0.01	0.41	1.7	<0.2	0.2	7.3	<0.01	0.04	9.5	<0.005
780	Soil	241	16.0	4.7	<0.01	<0.01	0.50	1.3	<0.2	<0.2	14.8	<0.01	0.07	5.8	<0.005
781	Soil	370	18.4	3.3	<0.01	0.03	0.63	2.0	0.3	0.2	47.7	<0.01	0.07	4.4	0.009
782	Soil	255	14.8	1.7	<0.01	0.03	0.14	1.1	<0.2	<0.2	46.9	0.01	0.02	1.1	0.008
783	Soil	2085	19.7	2.9	<0.01	0.03	0.66	3.8	0.7	0.3	69.7	<0.01	0.06	5.0	0.007

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
784	Soil	877	38.3	2.0	<0.01	0.02	2.26	4.6	0.5	<0.2	33.2	<0.01	0.05	11.3	<0.005
785	Soil	89	14.1	4.9	<0.01	<0.01	0.30	1.7	<0.2	0.2	8.7	<0.01	0.05	7.7	<0.005
786	Soil	922	19.4	1.8	<0.01	0.03	0.36	4.3	0.6	<0.2	46.3	<0.01	0.06	6.7	<0.005
787	Soil	132	13.6	5.5	<0.01	<0.01	0.30	1.4	<0.2	0.2	9.6	<0.01	0.04	6.9	<0.005
788	Soil	162	16.3	5.6	<0.01	<0.01	0.36	2.4	<0.2	0.2	11.5	<0.01	0.05	9.5	<0.005
856	Soil	338	15.4	3.9	<0.01	0.04	0.51	1.7	<0.2	<0.2	89.9	<0.01	0.05	3.5	<0.005
857	Soil	402	14.5	6.5	<0.01	0.04	0.42	1.5	0.2	0.2	69.5	<0.01	0.05	3.0	0.006
858	Soil	476	17.5	3.7	<0.01	0.04	0.82	2.2	0.2	<0.2	101.1	<0.01	0.05	5.0	<0.005
859	Soil	169	13.9	3.5	<0.01	0.02	0.45	1.4	<0.2	0.2	37.2	<0.01	0.05	5.4	<0.005
860	Soil	534	22.3	3.7	<0.01	0.04	0.81	2.2	0.3	<0.2	80.6	<0.01	0.04	2.7	0.006
861	Soil	1159	26.1	3.5	<0.01	0.03	0.89	2.9	0.3	<0.2	65.3	<0.01	0.07	7.4	<0.005
862	Soil	298	20.9	4.4	<0.01	0.02	0.76	1.7	0.2	<0.2	42.0	<0.01	0.05	5.3	<0.005
863	Soil	440	21.0	5.6	<0.01	0.04	0.69	2.0	<0.2	0.3	82.8	<0.01	0.06	2.7	0.008
864	Soil	597	25.9	4.5	<0.01	0.04	2.45	2.4	0.3	0.2	63.2	<0.01	0.07	3.2	<0.005
865	Soil	335	15.4	6.3	<0.01	0.03	4.20	1.4	<0.2	<0.2	36.5	<0.01	0.07	4.3	<0.005
866	Soil	331	20.3	7.1	<0.01	0.02	3.71	1.6	<0.2	0.3	55.1	<0.01	0.07	3.9	<0.005
867	Soil	624	16.2	3.0	<0.01	0.14	0.59	1.1	0.9	<0.2	218.9	<0.01	0.06	1.5	<0.005
868	Soil	467	26.4	2.6	<0.01	0.04	0.55	1.3	0.3	<0.2	83.3	<0.01	0.08	2.7	<0.005
869	Soil	265	15.6	4.1	<0.01	<0.01	0.57	2.0	<0.2	0.2	6.5	<0.01	0.05	8.3	<0.005
870	Soil	165	19.1	7.2	<0.01	<0.01	0.29	1.6	<0.2	0.4	7.1	<0.01	0.05	7.9	<0.005
871	Soil	127	18.4	6.9	<0.01	<0.01	0.26	1.6	<0.2	0.3	11.2	<0.01	0.03	7.6	<0.005
872	Soil	1686	14.9	2.7	<0.01	0.18	0.68	2.4	2.2	0.2	260.0	0.02	0.07	1.9	0.008
873	Soil	476	14.2	3.8	<0.01	0.02	0.20	1.3	<0.2	0.2	11.7	<0.01	0.02	5.6	<0.005
874	Soil	383	36.4	3.9	<0.01	0.02	0.27	3.9	<0.2	<0.2	40.1	<0.01	0.07	11.0	<0.005
875	Soil	817	8.6	1.6	<0.01	0.14	0.99	1.6	0.7	<0.2	320.2	0.01	0.03	1.1	0.006
876	Soil	366	34.1	4.9	<0.01	0.01	0.34	1.9	0.4	<0.2	11.8	<0.01	0.05	8.0	<0.005
877	Soil	410	22.5	3.2	<0.01	0.03	0.21	0.8	<0.2	0.3	76.9	<0.01	0.02	3.6	0.007
878	Soil	541	25.5	8.0	<0.01	0.04	0.38	1.9	0.4	0.3	74.3	<0.01	0.05	2.6	0.005
879	Soil	321	39.7	3.3	<0.01	0.02	0.28	2.0	<0.2	0.2	42.0	<0.01	0.03	6.8	<0.005
880	Soil	350	32.1	4.6	<0.01	0.03	0.14	2.1	<0.2	<0.2	57.8	<0.01	0.05	5.1	<0.005
881	Soil	116	15.3	7.1	<0.01	<0.01	0.19	1.3	<0.2	0.5	10.7	<0.01	0.03	5.8	<0.005
882	Soil	104	15.0	6.8	<0.01	<0.01	0.20	1.8	<0.2	0.2	11.4	<0.01	0.04	8.8	<0.005
883	Soil	100	11.8	6.3	<0.01	<0.01	0.15	1.4	<0.2	0.3	15.2	<0.01	0.03	6.5	<0.005
884	Soil	143	16.9	6.3	<0.01	<0.01	0.32	1.4	<0.2	0.2	15.0	<0.01	0.06	7.4	<0.005

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
648	Soil	0.23	1.07	117	0.25	61.24	300	2.4
649	Soil	0.24	4.77	87	0.67	>1000	3202	2.3
650	Soil	0.23	4.75	85	0.81	>1000	5763	2.2
651	Soil	0.24	6.02	78	0.94	>1000	6269	2.3
652	Soil	0.26	3.77	91	0.35	347.04	3040	2.3
653	Soil	0.27	4.97	60	0.77	94.80	559	2.8
654	Soil	0.26	4.74	64	0.59	776.07	3395	2.7
655	Soil	0.28	2.85	66	1.07	213.31	1377	3.4
656	Soil	0.25	6.06	61	2.21	>1000	4334	2.3
657	Soil	0.25	2.45	63	0.63	244.65	1512	2.4
658	Soil	0.28	1.90	70	0.34	116.63	961	3.1
659	Soil	0.26	3.51	71	1.38	158.13	1291	2.6
660	Soil	0.34	3.17	53	0.95	295.95	1445	3.9
661	Soil	<0.05	0.97	17	<0.05	5.30	90	6.5
662	Soil	<0.05	0.98	18	0.05	5.22	98	7.1
663	Soil	<0.05	0.87	15	0.12	1.68	159	<0.5
664	Soil	<0.05	1.04	15	0.29	3.14	176	0.7
665	Soil	<0.05	0.70	19	0.23	1.68	87	0.8
666	Soil	<0.05	1.18	16	0.14	4.43	129	2.7
667	Soil	<0.05	0.80	20	0.14	3.17	92	0.8
668	Soil	<0.05	0.91	21	0.14	3.95	92	1.8
669	Soil	<0.05	0.66	20	0.24	2.41	74	1.6
670	Soil	<0.05	0.80	18	0.23	2.66	81	1.2
671	Soil	<0.05	0.78	19	0.22	4.70	90	1.8
672	Soil	<0.05	0.87	17	0.72	4.43	82	4.0
673	Soil	<0.05	1.03	17	0.23	3.91	86	3.4
674	Soil	<0.05	1.10	17	0.24	4.19	84	3.2
675	Soil	<0.05	1.16	18	0.20	4.93	93	4.6
676	Soil	<0.05	0.98	16	0.24	4.60	81	5.3
677	Soil	<0.05	1.14	17	0.22	4.55	87	3.7
678	Soil	<0.05	1.07	17	0.26	4.37	90	3.3
679	Soil	<0.05	1.01	16	0.26	4.07	77	2.7
680	Soil	<0.05	0.86	16	0.25	3.76	73	2.5
681	Soil	<0.05	0.92	17	0.23	3.87	81	3.6
682	Soil	<0.05	0.75	17	0.23	4.51	73	3.3
683	Soil	<0.05	0.87	16	0.23	3.76	81	4.0
684	Soil	<0.05	0.86	16	0.25	3.88	74	3.5
685	Soil	<0.05	1.30	15	0.23	4.11	68	4.4
686	Soil	<0.05	0.85	16	0.24	3.81	74	3.8
688	Soil	<0.05	1.10	12	0.15	9.15	70	2.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
689	Soil	<0.05	0.89	14	0.18	7.34	73	3.1
690	Soil	<0.05	0.73	14	0.18	6.87	67	3.3
691	Soil	<0.05	0.77	15	0.19	5.40	64	3.7
692	Soil	<0.05	1.02	15	0.16	3.71	52	1.6
693	Soil	0.10	0.80	25	0.20	4.87	26	2.3
694	Soil	<0.05	0.88	9	<0.05	2.59	6	2.7
695	Soil	<0.05	0.63	15	0.11	11.12	40	2.1
696	Soil	0.06	0.84	28	0.06	3.00	82	9.7
697	Soil	<0.05	0.22	17	0.11	1.10	17	<0.5
698	Soil	0.23	5.30	66	3.50	139.02	871	2.0
699	Soil	0.25	3.87	61	0.41	38.42	223	2.1
700	Soil	0.27	3.17	50	1.59	282.46	893	2.2
701	Soil	0.29	2.38	57	0.34	177.37	710	2.9
702	Soil	0.26	4.53	72	0.59	48.17	546	2.0
703	Soil	0.25	1.96	58	0.38	45.82	374	2.6
704	Soil	0.30	2.41	53	0.35	94.00	404	2.8
705	Soil	0.26	8.45	46	0.19	19.94	133	2.4
706	Soil	0.34	3.51	46	0.61	162.89	413	4.0
707	Soil	0.28	2.29	49	0.82	166.41	487	3.6
708	Soil	0.26	1.98	44	0.33	25.39	160	2.0
709	Soil	0.26	1.78	39	0.44	62.72	358	2.5
710	Soil	0.24	1.88	39	0.36	108.22	469	2.6
711	Soil	0.24	2.87	40	0.33	17.93	141	2.6
712	Soil	0.22	1.89	35	0.37	8.79	92	1.9
713	Soil	0.22	2.01	35	0.22	10.27	103	1.9
726	Soil	0.05	0.55	18	0.10	2.06	49	0.7
727	Soil	0.06	0.67	25	0.20	2.65	50	0.9
728	Soil	<0.05	0.54	27	0.23	1.62	24	<0.5
729	Soil	<0.05	0.65	23	0.17	2.17	29	1.0
730	Soil	<0.05	2.27	13	0.21	2.21	97	0.9
731	Soil	<0.05	1.99	17	0.25	2.13	87	0.6
732	Soil	<0.05	1.83	14	0.18	1.65	66	<0.5
733	Soil	<0.05	2.72	11	0.11	1.30	21	0.7
734	Soil	<0.05	0.67	19	0.26	1.57	92	0.7
735	Soil	<0.05	1.85	16	0.17	2.53	34	<0.5
736	Soil	<0.05	0.87	16	0.90	1.67	51	0.6
737	Soil	<0.05	1.11	16	0.24	2.54	101	1.4
738	Soil	<0.05	1.21	15	0.23	2.42	88	1.8
739	Soil	<0.05	2.36	16	0.28	2.60	76	1.9
740	Soil	<0.05	3.51	15	0.23	5.39	98	2.2

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
741	Soil	<0.05	1.26	15	0.25	2.89	82	1.7
742	Soil	<0.05	0.76	13	0.17	1.84	66	1.4
743	Soil	<0.05	0.72	17	0.22	2.40	68	0.7
744	Soil	<0.05	0.86	13	0.16	4.81	74	1.3
745	Soil	<0.05	0.86	14	0.15	4.38	87	1.3
746	Soil	<0.05	1.95	14	0.23	5.56	67	2.9
747	Soil	<0.05	5.23	13	0.22	7.61	67	6.8
748	Soil	<0.05	1.50	13	0.18	3.21	71	3.7
749	Soil	<0.05	1.50	14	0.17	4.08	75	2.5
750	Soil	<0.05	1.43	15	0.19	4.56	69	2.3
751	Soil	<0.05	1.10	14	0.10	5.00	77	1.4
752	Soil	<0.05	1.23	12	0.14	7.62	94	3.5
753	Soil	<0.05	0.61	20	0.16	2.06	59	0.5
754	Soil	<0.05	0.34	17	0.12	1.47	33	0.8
755	Soil	<0.05	0.69	11	0.08	23.83	41	1.7
756	Soil	<0.05	1.51	13	0.08	5.31	47	1.1
757	Soil	<0.05	1.17	14	0.06	9.00	79	2.3
758	Soil	0.06	0.52	28	0.19	2.27	63	1.0
759	Soil	<0.05	0.59	17	0.09	2.71	67	1.6
760	Soil	0.05	0.58	14	0.10	2.41	68	0.9
761	Soil	0.05	0.79	17	0.09	4.80	56	1.3
762	Soil	<0.05	0.73	14	0.07	4.74	55	2.7
763	Soil	<0.05	0.29	14	0.12	1.15	30	<0.5
764	Soil	<0.05	0.30	18	0.11	1.14	44	<0.5
767	Soil	0.05	0.33	18	0.11	1.32	58	2.2
768	Soil	<0.05	0.27	18	0.16	1.06	26	<0.5
769	Soil	<0.05	0.44	15	0.07	2.70	46	0.7
770	Soil	<0.05	0.43	12	0.05	1.71	60	0.8
771	Soil	<0.05	0.51	17	0.15	2.16	54	1.9
772	Soil	0.05	0.36	19	0.11	1.56	38	1.5
773	Soil	0.06	0.42	15	0.07	1.76	57	1.9
775	Soil	<0.05	1.31	11	0.08	8.89	28	1.0
776	Soil	0.05	0.53	15	0.13	2.23	34	1.1
777	Soil	<0.05	0.31	14	0.08	1.26	31	0.6
778	Soil	<0.05	0.38	16	0.09	1.40	33	0.8
779	Soil	0.05	0.53	15	0.08	2.82	64	2.1
780	Soil	<0.05	0.51	17	0.08	2.10	66	1.3
781	Soil	<0.05	2.85	18	0.28	4.79	62	1.6
782	Soil	<0.05	2.37	10	0.05	4.35	25	1.1
783	Soil	<0.05	2.00	18	0.14	15.03	66	2.6

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Certificate of Analysis

11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
784	Soil	<0.05	1.51	12	<0.05	12.08	87	4.0
785	Soil	0.05	0.44	16	0.10	3.28	40	2.0
786	Soil	<0.05	1.63	15	<0.05	11.61	87	3.8
787	Soil	<0.05	0.40	15	0.10	2.60	43	2.1
788	Soil	0.05	0.58	16	0.10	5.44	52	1.6
856	Soil	<0.05	1.38	14	0.08	4.35	40	2.5
857	Soil	<0.05	1.41	15	0.11	3.83	37	2.3
858	Soil	<0.05	1.70	13	0.07	5.04	52	2.4
859	Soil	<0.05	0.80	17	0.14	1.93	49	1.5
860	Soil	<0.05	2.07	17	0.15	5.49	69	1.7
861	Soil	<0.05	0.87	16	0.12	8.02	71	3.4
862	Soil	<0.05	0.79	15	0.08	3.50	48	1.5
863	Soil	<0.05	1.77	20	0.13	4.69	51	1.2
864	Soil	<0.05	1.94	16	0.13	5.49	60	1.9
865	Soil	<0.05	0.56	15	0.07	1.93	48	1.4
866	Soil	<0.05	0.96	18	0.10	2.94	51	1.0
867	Soil	<0.05	2.89	11	0.09	3.97	52	2.9
868	Soil	<0.05	1.98	14	0.14	2.57	74	2.0
869	Soil	<0.05	0.59	17	0.12	4.01	63	2.6
870	Soil	0.07	0.52	23	0.15	2.10	67	2.3
871	Soil	0.06	0.47	18	0.11	2.09	58	1.6
872	Soil	<0.05	8.82	14	0.10	14.14	39	4.0
873	Soil	<0.05	0.44	17	3.77	2.36	62	0.7
874	Soil	<0.05	0.87	16	0.08	8.44	85	2.4
875	Soil	<0.05	4.46	9	0.08	6.98	28	2.7
876	Soil	<0.05	0.48	12	0.05	3.45	90	1.7
877	Soil	<0.05	0.69	19	0.14	1.91	34	1.0
878	Soil	<0.05	3.06	16	0.13	7.65	66	2.1
879	Soil	<0.05	1.20	19	0.06	2.62	90	2.0
880	Soil	<0.05	0.92	16	0.06	6.16	71	1.8
881	Soil	0.07	0.34	23	0.19	1.62	60	1.6
882	Soil	0.06	0.53	17	0.16	3.00	55	2.6
883	Soil	0.06	0.41	17	0.15	2.03	42	2.0
884	Soil	0.06	0.45	16	0.12	2.34	56	2.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
648	Soil		0.17	3.02	2.3	55	1.40	1.15	0.23	0.60	95.84	59.3	55	5.86	192.2
648 Dup			0.15	2.91	2.3	56	1.51	1.05	0.23	0.60	99.46	60.8	55	6.14	186.9
QCV1108-00892-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.26					7.54				21.4			>10000
666	Soil		0.13	1.29	129.2	72	0.82	0.67	0.47	0.27	18.62	36.5	19	2.11	49.4
666 Dup			0.11	1.53	131.6	76	0.87	0.66	0.52	0.29	20.68	35.9	19	2.23	49.7
QCV1108-00892-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6420.2
684	Soil		0.09	1.49	80.9	37	0.40	0.35	0.36	0.09	25.23	13.8	23	0.64	31.6
684 Dup			0.10	1.48	79.8	38	0.43	0.34	0.36	0.08	25.90	13.2	22	0.64	31.1
QCV1108-00892-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6465.2
703	Soil		0.10	2.15	3.3	50	1.72	0.63	0.47	1.31	57.66	36.7	39	3.53	69.0
703 Dup			0.10	2.14	2.9	49	1.82	0.53	0.46	1.24	50.16	33.7	38	3.47	68.7
QCV1108-00892-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6298.6
733	Soil		0.30	0.74	9.6	32	0.23	0.12	0.07	0.07	9.44	5.3	7	2.02	9.8
733 Dup			0.31	0.75	9.6	33	0.26	0.13	0.07	0.09	9.13	5.5	7	2.09	10.3
QCV1108-00892-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					7.96				23.2			>10000
751	Soil		0.05	1.14	45.9	50	0.61	0.40	0.11	0.08	54.04	13.8	18	0.74	28.9
751 Dup			0.05	1.13	46.5	50	0.62	0.42	0.11	0.08	58.03	14.4	19	0.73	28.6
QCV1108-00892-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6273.3
771	Soil		0.04	1.16	15.2	59	0.43	0.35	0.04	0.07	32.46	8.9	16	0.48	14.1
771 Dup			0.03	1.15	14.9	56	0.43	0.34	0.04	0.06	32.73	8.8	16	0.49	13.6
QCV1108-00892-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.25					8.10				23.2			>10000
857	Soil		0.08	1.12	10.9	68	0.49	0.26	0.90	0.09	18.64	10.3	14	0.46	15.0
857 Dup			0.09	1.11	11.5	72	0.46	0.25	0.93	0.10	18.58	10.8	15	0.48	15.1
QCV1108-00892-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6371.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
875	Soil		0.21	1.02	2.9	63	0.54	0.14	3.64	0.49	11.10	6.1	20	0.38	28.4
875 Dup			0.22	1.04	2.6	66	0.49	0.14	3.64	0.51	11.15	6.2	22	0.40	28.9
QCV1108-00892-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					8.02				23.0			>10000
QCV1108-00892-0028-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.21					8.00				23.3			>10000
648	Soil	0.013													
648 Dup		0.013													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.838													
666	Soil	0.018													
666 Dup		0.007													
QCV1108-00893-0004-BLK		0.006													
684	Soil	0.021													
684 Dup		0.020													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.434													
QCV1108-00893-0008-BLK		0.009													
733	Soil	0.015													
733 Dup		0.010													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.897													
751	Soil	0.012													
751 Dup		0.012													
QCV1108-00893-0012-BLK		0.007													
771	Soil	0.013													
771 Dup		0.013													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.860													
857	Soil	0.012													
857 Dup		0.011													
QCV1108-00893-0016-BLK		0.009													
875	Soil	0.013													
875 Dup		0.014													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
648	Soil	7.06	11.89	0.20	0.12	0.07	0.40	55.0	40.4	1.44	1585	3.14	0.04	0.59	92.2
648 Dup		6.88	12.73	0.20	0.12	0.07	0.38	55.8	42.2	1.40	1541	3.10	0.04	0.63	88.8
QCV1108-00892-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
666	Soil	3.71	4.78	<0.05	0.07	0.03	0.03	9.7	36.3	0.41	1021	0.87	0.01	0.31	34.9
666 Dup		4.00	4.99	<0.05	0.08	0.03	0.04	10.4	37.2	0.45	1083	0.89	0.01	0.33	37.7
QCV1108-00892-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
684	Soil	3.20	4.56	<0.05	0.12	0.02	0.05	13.4	39.3	0.56	466	0.41	<0.01	0.21	31.9
684 Dup		3.24	4.50	<0.05	0.11	0.02	0.05	13.4	43.0	0.56	475	0.43	<0.01	0.21	31.8
QCV1108-00892-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
703	Soil	4.63	7.76	0.12	0.08	0.04	0.32	42.2	33.7	1.02	1616	1.69	0.04	1.21	168.1
703 Dup		4.73	7.54	0.11	0.08	0.04	0.31	41.0	34.0	1.02	1550	1.70	0.04	1.19	163.1
QCV1108-00892-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
733	Soil	1.05	2.73	<0.05	0.03	<0.01	0.03	5.0	10.5	0.11	165	0.42	0.03	0.53	7.3
733 Dup		1.08	2.83	<0.05	0.03	<0.01	0.03	4.8	10.8	0.12	172	0.44	0.03	0.55	7.6
QCV1108-00892-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
751	Soil	3.81	3.13	0.05	0.03	0.03	0.05	23.3	28.3	0.31	464	0.57	<0.01	0.23	34.8
751 Dup		3.82	3.28	0.06	0.03	0.03	0.05	23.6	28.4	0.30	462	0.58	<0.01	0.23	34.4
QCV1108-00892-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
771	Soil	3.00	3.64	<0.05	0.06	0.03	0.02	15.1	25.8	0.32	242	0.64	<0.01	0.64	22.5
771 Dup		2.84	3.73	0.06	0.06	0.03	0.02	15.3	25.2	0.31	235	0.60	<0.01	0.62	20.9
QCV1108-00892-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
857	Soil	2.27	3.34	<0.05	0.07	0.02	0.04	8.2	28.7	0.29	601	0.39	0.01	0.55	16.7
857 Dup		2.33	3.54	<0.05	0.08	0.02	0.04	8.4	29.6	0.29	627	0.48	0.01	0.61	17.2
QCV1108-00892-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
875	Soil	1.25	2.02	<0.05	0.11	0.02	0.02	5.3	15.5	0.13	398	1.36	0.01	0.32	21.0
875 Dup		1.25	2.10	<0.05	0.10	0.02	0.02	5.5	15.0	0.13	392	1.60	0.01	0.31	22.4
QCV1108-00892-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00892-0028-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
648	Soil	805	14.9	33.0	<0.01	0.35	0.13	10.2	2.3	1.2	41.5	0.03	0.11	11.4	0.110
648 Dup		774	16.0	34.5	<0.01	0.34	0.12	10.5	2.4	1.1	42.7	0.03	0.11	11.4	0.113
QCV1108-00892-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.5				1.60		12.4	13.0					
666	Soil	406	29.4	5.8	<0.01	0.02	1.38	1.7	0.5	<0.2	23.5	<0.01	0.14	3.0	<0.005
666 Dup		676	29.8	6.0	<0.01	0.04	1.40	1.8	0.7	0.2	24.4	<0.01	0.16	3.1	<0.005
QCV1108-00892-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
684	Soil	513	25.1	3.3	<0.01	0.02	0.67	2.0	0.2	<0.2	25.9	<0.01	0.07	7.6	<0.005
684 Dup		502	24.9	3.3	<0.01	0.02	0.68	1.9	0.3	<0.2	25.8	<0.01	0.08	7.8	<0.005
QCV1108-00892-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
703	Soil	540	11.6	34.0	<0.01	0.13	0.17	5.9	1.1	0.7	59.6	0.01	0.08	10.1	0.102
703 Dup		546	11.6	34.5	<0.01	0.12	0.19	5.7	0.9	0.7	58.6	0.01	0.07	10.3	0.101
QCV1108-00892-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
733	Soil	246	10.0	2.8	<0.01	0.02	0.16	0.8	<0.2	<0.2	7.4	<0.01	0.06	1.0	0.013
733 Dup		249	10.4	2.9	<0.01	0.02	0.15	0.7	<0.2	<0.2	7.2	<0.01	0.04	0.9	0.013
QCV1108-00892-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.5				1.63		13.0	16.7					
751	Soil	343	24.0	5.0	<0.01	<0.01	0.50	2.4	0.2	0.2	13.3	<0.01	0.06	10.4	<0.005
751 Dup		343	24.9	4.9	<0.01	<0.01	0.44	2.6	0.3	0.2	13.0	<0.01	0.05	10.8	<0.005
QCV1108-00892-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
771	Soil	194	16.5	4.5	<0.01	<0.01	0.44	1.4	<0.2	0.3	5.9	<0.01	0.03	6.7	<0.005
771 Dup		189	16.1	4.4	<0.01	<0.01	0.43	1.4	<0.2	0.3	6.0	<0.01	0.04	6.7	<0.005
QCV1108-00892-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.5				1.66		13.4	16.6					
857	Soil	402	14.5	6.5	<0.01	0.04	0.42	1.5	0.2	0.2	69.5	<0.01	0.05	3.0	0.006
857 Dup		402	15.1	6.7	<0.01	0.04	0.44	1.5	0.3	0.2	74.2	<0.01	0.06	3.0	0.006
QCV1108-00892-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
875	Soil	817	8.6	1.6	<0.01	0.14	0.99	1.6	0.7	<0.2	320.2	0.01	0.03	1.1	0.006
875 Dup		848	8.4	1.8	<0.01	0.14	0.36	1.5	0.7	<0.2	339.0	0.01	0.02	1.0	0.005
QCV1108-00892-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.7				1.41		13.6	16.7					
QCV1108-00892-0028-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.39		12.7	15.1					

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
648	Soil	0.23	1.07	117	0.25	61.24	300	2.4
648 Dup		0.23	1.09	99	0.23	51.89	316	2.4
QCV1108-00892-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
666	Soil	<0.05	1.18	16	0.14	4.43	129	2.7
666 Dup		<0.05	1.20	17	0.14	4.58	129	2.8
QCV1108-00892-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5362	
684	Soil	<0.05	0.86	16	0.25	3.88	74	3.5
684 Dup		<0.05	0.88	15	0.22	3.89	71	3.5
QCV1108-00892-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5182	
703	Soil	0.25	1.96	58	0.38	45.82	374	2.6
703 Dup		0.24	2.37	56	0.48	44.48	359	2.6
QCV1108-00892-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5015	
733	Soil	<0.05	2.72	11	0.11	1.30	21	0.7
733 Dup		<0.05	2.70	11	0.11	1.30	21	0.7
QCV1108-00892-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
751	Soil	<0.05	1.10	14	0.10	5.00	77	1.4
751 Dup		<0.05	1.14	15	0.10	5.08	80	1.5
QCV1108-00892-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5320	
771	Soil	<0.05	0.51	17	0.15	2.16	54	1.9
771 Dup		<0.05	0.50	18	0.15	2.22	54	1.9
QCV1108-00892-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
857	Soil	<0.05	1.41	15	0.11	3.83	37	2.3
857 Dup		<0.05	1.35	16	0.09	4.09	40	2.5
QCV1108-00892-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5388	

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11-360-05960-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
875	Soil	<0.05	4.46	9	0.08	6.98	28	2.7
875 Dup		<0.05	4.44	9	0.09	7.25	28	2.7
QCV1108-00892-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
QCV1108-00892-0028-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							170	

3Ace Property, Northern Tiger Resources Inc.

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	120	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2600	Soil	0.011	0.14	1.18	119.1	34	0.28	0.42	0.08	0.16	25.97	11.0	19	0.89	22.2
2601	Soil	0.008	0.16	1.27	115.3	41	0.45	0.47	0.13	0.16	24.92	14.8	20	1.66	24.4
2602	Soil	0.006	0.15	0.56	37.8	28	0.17	0.27	0.08	0.13	12.56	6.4	9	0.78	18.6
2603	Soil	0.008	0.22	1.38	44.9	30	0.34	0.39	0.02	0.11	26.05	10.7	22	1.13	20.6
2604	Soil	0.017	0.12	1.70	35.8	27	0.32	0.59	0.03	0.04	26.03	14.0	26	1.72	33.4
2605	Soil	0.007	0.19	0.85	36.6	28	0.34	0.35	0.09	0.12	16.58	8.3	14	1.14	21.8
2606	Soil	0.029	0.38	1.38	62.2	34	0.35	0.41	0.10	0.14	21.11	12.4	22	1.19	28.9
2607	Soil	0.014	0.83	0.70	33.7	33	0.23	0.24	0.08	0.13	9.92	5.1	9	1.31	15.4
2608	Soil	0.013	0.32	0.53	14.1	29	0.18	0.16	0.03	0.06	7.61	3.4	6	1.02	11.9
2609	Soil	<0.005	0.16	1.62	36.3	37	0.33	0.50	0.03	0.21	24.88	19.1	29	2.90	39.6
2610	Soil	0.016	0.12	1.37	115.9	36	0.32	0.33	0.10	0.12	31.39	11.5	19	0.83	26.3
2611	Soil	0.017	0.22	1.64	107.7	109	0.57	0.42	0.44	0.35	22.41	26.3	21	2.44	39.5
2612	Soil	0.012	0.27	1.51	95.7	97	0.45	0.37	0.31	0.14	19.32	13.0	19	1.68	33.4
2613	Soil	0.011	0.22	1.33	79.4	70	0.43	0.32	0.15	0.21	23.02	15.6	16	1.65	25.1
2614	Soil	0.017	0.17	1.08	81.0	52	0.35	0.30	0.12	0.14	20.19	8.1	15	0.97	23.0
2615	Soil	0.016	0.29	1.17	92.7	54	0.45	0.29	0.39	0.21	21.27	12.4	15	0.86	24.4
2616	Soil	0.014	0.14	1.11	89.7	43	0.45	0.29	0.35	0.16	20.23	12.6	15	0.63	24.8
2617	Soil	0.030	0.34	1.13	75.4	53	0.45	0.23	0.89	0.18	14.93	10.3	12	0.62	25.7
2618	Soil	0.020	0.14	1.43	88.9	37	0.45	0.36	0.31	0.13	28.56	14.6	20	0.70	32.9
2619	Soil	0.023	0.16	1.52	108.5	50	0.43	0.33	0.59	0.20	26.30	12.9	20	0.85	31.2
2620	Soil	0.025	0.16	1.33	105.0	58	0.42	0.30	1.18	0.51	16.47	12.4	17	0.70	33.8
2621	Soil	0.010	0.16	1.39	182.3	68	0.68	0.37	0.51	0.13	33.42	14.3	18	0.65	32.0
2622	Soil	0.013	0.14	1.17	81.9	42	0.49	0.31	0.61	0.15	21.78	12.3	15	0.76	29.4
2623	Soil	0.020	0.18	1.24	91.5	61	0.57	0.31	1.41	0.13	15.46	10.2	14	0.68	32.4
2624	Soil	0.019	0.11	1.09	142.2	50	0.48	0.31	0.53	0.15	23.45	13.1	14	0.57	26.2
2625	Soil	0.012	0.09	1.00	81.4	54	0.39	0.26	0.43	0.09	17.65	9.6	12	0.57	19.0
2626	Soil	0.019	0.03	1.24	138.8	44	0.55	0.35	0.12	0.10	52.48	11.1	16	0.34	22.7
2627	Soil	0.016	0.08	1.24	86.5	69	0.63	0.34	1.03	0.08	27.59	10.7	15	0.63	24.0
2628	Soil	0.012	0.03	1.32	13.8	62	0.44	0.28	0.02	0.03	63.54	7.7	14	0.50	16.1
2629	Soil	0.005	0.11	1.14	12.6	74	0.55	0.34	0.52	0.07	35.83	10.0	14	0.70	12.8
2630	Soil	<0.005	0.03	0.82	8.8	28	0.10	0.19	0.01	0.02	53.42	3.4	7	0.70	5.1
2631	Soil	0.008	0.12	1.38	25.4	75	0.48	0.34	0.56	0.09	32.87	14.8	18	0.60	31.5
2632	Soil	<0.005	0.04	0.97	5.5	40	0.22	0.27	0.03	0.05	25.49	4.5	11	0.52	10.3
2633	Soil	0.006	0.07	1.43	14.1	32	0.55	0.57	0.06	0.09	25.96	14.7	17	0.50	19.4
2634	Soil	0.007	0.04	1.46	14.5	82	0.62	0.21	0.03	0.03	31.37	8.0	17	0.44	12.1
2635	Soil	0.006	0.03	1.49	16.3	91	0.61	0.24	0.23	0.05	28.83	9.0	17	0.49	10.0
2636	Soil	0.006	0.05	1.29	14.1	72	0.46	0.21	0.33	0.04	26.73	9.0	14	0.46	11.4
2637	Soil	0.007	0.05	1.50	15.6	104	0.67	0.24	0.49	0.04	30.38	10.6	17	0.48	17.1
2638	Soil	0.009	0.16	1.42	18.9	98	0.61	0.27	0.68	0.08	29.31	12.9	18	0.38	24.1
2639	Soil	<0.005	0.03	1.17	13.2	48	0.34	0.28	0.16	0.03	39.11	9.0	16	0.39	15.5

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Edmonton, AB T5S 1K7

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Vol 6-86

Buchanan et al., 2011

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2640	Soil	0.012	0.03	1.13	9.4	44	0.22	0.25	0.05	0.05	33.09	6.9	15	0.35	8.9
2641	Soil	0.009	0.10	1.58	17.4	71	0.61	0.35	0.44	0.07	39.72	14.3	18	0.54	27.0
2642	Soil	0.007	0.13	1.27	11.7	66	0.66	0.31	0.49	0.07	38.25	9.8	16	0.51	14.6
2643	Soil	0.006	0.16	1.46	10.3	50	0.79	0.36	1.97	0.33	33.91	18.2	17	1.17	47.7
2644	Soil	<0.005	0.06	1.16	32.3	45	0.35	0.38	0.04	0.08	21.20	7.9	12	0.65	13.1
2645	Soil	0.005	0.06	1.59	12.2	40	0.35	0.29	0.05	0.05	33.75	7.4	20	0.80	9.7
2646	Soil	0.012	0.04	1.00	26.2	28	0.19	0.38	0.05	0.10	31.79	7.4	14	0.65	12.2
2647	Soil	0.015	0.18	1.61	27.6	47	0.84	0.42	0.48	0.07	38.98	15.4	24	0.96	29.3
2656	Soil	0.005	0.11	0.36	7.3	44	0.47	0.24	>10	0.09	18.94	9.4	6	0.29	17.4
2657	Soil	0.007	0.05	0.93	7.8	124	0.42	0.25	0.39	0.13	23.76	10.8	10	0.37	8.5
2658	Soil	0.009	0.04	1.48	13.7	64	0.67	0.31	0.05	0.02	64.33	11.1	19	0.52	22.2
2659	Soil	0.006	0.12	1.76	16.4	92	0.81	0.30	0.03	0.04	37.91	10.2	19	0.51	20.9
2667	Soil	0.015	0.12	1.18	44.4	45	0.58	0.37	0.83	0.15	23.85	13.7	16	0.63	21.0
2668	Soil	0.016	0.07	1.18	37.4	46	0.26	0.44	0.08	0.09	27.58	7.1	11	0.52	9.7
2669	Soil	0.008	0.14	1.14	32.1	58	0.59	0.41	1.25	0.35	17.98	12.2	16	0.51	31.4
2670	Soil	0.005	0.16	1.51	12.6	40	0.65	0.43	1.70	0.13	27.29	16.3	20	0.30	29.9
2671	Soil	0.018	0.05	0.97	16.7	43	0.32	0.46	0.04	0.35	27.33	11.6	13	0.61	20.1
2672	Soil	0.006	0.03	0.37	5.6	16	0.06	0.21	0.09	0.05	30.16	2.6	5	0.45	4.2
2673	Soil	0.006	0.04	1.16	12.3	62	0.33	0.21	0.10	0.04	32.09	6.1	14	0.40	9.4
2674	Soil	0.005	0.06	1.02	10.4	49	0.34	0.20	0.11	0.05	26.05	5.2	11	0.45	8.6
2675	Soil	0.035	0.06	1.46	11.5	123	0.93	0.36	0.09	0.06	35.58	9.1	11	0.51	10.4
2676	Soil	0.018	0.03	1.35	12.1	57	0.30	0.26	0.02	0.04	28.52	5.7	17	0.66	7.6
2677	Soil	0.006	0.05	1.11	8.0	46	0.32	0.27	0.14	0.03	31.98	5.4	15	0.66	6.7
2678	Soil	0.011	0.08	1.28	9.4	64	0.44	0.31	0.50	0.06	23.82	8.4	16	0.62	14.2
2679	Soil	0.009	0.08	1.29	9.4	57	0.35	0.36	0.28	0.06	29.78	10.0	17	0.82	13.5
2680	Soil	0.006	0.08	1.22	9.3	36	0.39	0.28	0.24	0.04	25.45	9.9	17	0.24	16.7
2681	Soil	<0.005	0.03	0.90	13.0	31	0.29	0.37	0.07	0.07	42.55	8.5	15	0.44	12.4
2682	Soil	0.028	0.10	0.95	64.3	49	0.46	0.25	0.78	0.19	24.84	11.6	14	0.44	22.2
2683	Soil	0.007	0.08	0.66	10.3	25	0.09	0.30	<0.01	0.04	32.64	4.5	4	0.27	10.4
2684	Soil	0.007	0.08	1.12	15.6	46	0.33	0.24	0.01	0.04	36.47	6.9	13	0.58	10.7
2685	Soil	0.013	0.31	0.82	7.5	40	0.34	0.22	0.39	0.13	14.30	6.6	6	0.54	13.6
2686	Soil	0.009	0.05	1.11	42.1	61	0.52	0.41	0.26	0.05	33.80	13.3	15	0.44	22.7
2687	Soil	0.017	0.17	1.02	34.8	72	0.46	0.33	0.60	0.15	21.41	11.0	13	0.68	23.3
2688	Soil	0.019	0.05	1.36	20.9	71	0.37	0.28	0.06	0.04	52.74	9.6	16	0.57	12.7
2689	Soil	0.017	0.05	1.45	16.3	69	0.63	0.27	0.05	0.04	41.99	10.6	15	0.48	17.3
2690	Soil	0.010	0.02	1.39	13.9	78	0.47	0.26	0.09	0.02	56.55	8.5	14	0.42	18.3
2691	Soil	0.008	0.07	1.15	8.5	39	0.69	0.52	0.03	0.11	51.20	13.8	16	1.54	39.4
2692	Soil	0.011	0.05	1.32	24.9	266	1.02	0.70	0.09	0.12	38.73	22.4	15	4.72	38.6
2693	Soil	0.007	0.04	1.19	9.7	69	0.51	0.24	0.30	0.05	26.41	7.6	12	0.90	9.5
2694	Soil	0.012	0.04	1.32	6.3	49	0.57	0.37	0.24	0.03	64.62	13.3	20	0.53	21.2

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2695	Soil	0.009	0.10	1.14	5.6	49	0.84	0.26	0.50	0.09	59.90	9.3	11	0.57	12.5
2748	Soil	0.028	0.31	1.00	69.7	35	0.35	0.31	0.01	0.41	26.39	17.1	14	1.86	18.5
2749	Soil	0.089	0.37	0.94	103.8	25	0.30	0.28	0.01	0.18	27.44	10.1	12	1.01	25.3
2750	Soil	0.096	0.20	0.67	157.1	48	0.30	0.31	0.05	0.52	27.20	12.4	16	0.95	17.8
2751	Soil	0.028	0.22	0.97	85.5	29	0.32	0.35	0.02	0.16	29.74	11.5	18	0.95	19.6
2752	Soil	0.016	0.17	0.83	58.3	32	0.30	0.36	0.01	0.14	27.46	11.6	13	1.21	21.2
2753	Soil	0.012	0.36	0.93	21.3	34	0.27	0.34	0.04	0.24	23.11	10.0	16	2.51	23.5
2754	Soil	1.096	0.22	0.99	2339.3	73	0.43	0.46	0.11	0.30	27.99	11.7	14	1.88	15.4
2755	Soil	0.241	0.24	1.01	590.8	90	0.60	0.35	0.12	0.54	23.62	27.9	16	1.48	23.8
2756	Soil	0.102	0.10	1.33	156.0	29	0.43	0.27	0.06	0.09	31.79	18.8	18	1.27	25.4
2757	Soil	0.016	0.12	1.47	41.5	29	0.27	0.28	0.13	0.15	34.38	9.1	22	0.95	11.7
2758	Soil	0.019	0.16	1.37	163.2	32	0.33	0.27	0.17	0.13	25.18	12.0	21	1.03	20.7
2759	Soil	0.017	0.14	0.77	145.0	23	0.23	0.21	0.03	0.08	19.49	6.0	10	0.87	17.4
2760	Soil	0.025	0.25	1.60	45.9	36	0.53	0.30	0.05	0.14	29.13	12.3	26	1.05	23.9
2761	Soil	0.025	0.15	1.16	61.5	33	0.23	0.33	0.05	0.19	18.84	9.9	19	0.55	25.3
2762	Soil	0.021	0.07	1.63	56.2	38	0.45	0.32	0.03	0.09	26.44	12.5	24	1.24	25.8
2763	Soil	0.079	0.12	1.66	59.0	55	0.43	0.33	0.12	0.08	32.71	13.2	25	1.19	31.6
2764	Soil	0.020	0.11	1.88	42.0	63	0.41	0.38	0.21	0.08	39.86	16.4	29	0.91	37.3
2765	Soil	0.016	0.07	1.92	42.9	66	0.56	0.37	0.14	0.10	41.92	16.6	31	0.72	36.0
2794	Soil	0.017	0.09	1.84	55.5	58	0.52	0.36	0.23	0.09	38.17	15.3	26	0.97	32.6
2795	Soil	0.044	0.16	1.82	60.9	56	0.48	0.35	0.40	0.18	29.03	15.1	27	0.89	35.1
2796	Soil	0.010	0.13	2.09	58.2	34	0.53	0.48	0.23	0.13	27.06	18.6	34	3.40	43.7
2797	Soil	0.041	0.09	1.47	36.7	32	0.29	0.30	0.17	0.07	20.45	10.8	22	1.50	24.4
2798	Soil	0.020	0.12	1.48	45.5	34	0.28	0.36	<0.01	0.07	34.78	9.0	22	1.65	19.1
2799	Soil	0.027	0.33	1.37	86.4	54	0.44	0.62	0.01	0.18	22.86	10.9	21	3.02	44.4
2800	Soil	0.029	0.12	2.09	54.2	48	0.53	0.39	<0.01	0.22	30.53	14.4	29	1.17	32.2
2801	Soil	0.021	0.07	1.50	54.2	33	0.31	0.29	0.13	0.09	28.03	12.1	23	0.49	20.8
2802	Soil	0.045	0.24	0.99	143.6	38	0.28	0.27	0.27	0.43	22.01	11.1	18	1.35	21.2
2803	Soil	0.020	0.10	0.59	94.6	26	0.11	0.29	0.06	0.29	25.54	4.4	9	1.02	11.0
2804	Soil	0.036	0.15	0.78	155.9	33	0.19	0.27	0.05	0.07	33.38	5.3	9	1.23	9.9
2805	Soil	0.039	0.14	1.30	215.5	32	0.26	0.30	0.05	0.09	31.30	8.3	17	1.00	12.7
2806	Soil	0.044	0.12	1.22	226.1	59	0.32	0.38	0.10	0.13	22.57	10.7	16	1.26	22.2
2807	Soil	0.124	0.10	1.21	341.8	42	0.33	0.36	0.04	0.23	25.08	12.2	21	1.31	25.1
2808	Soil	0.016	0.47	0.92	42.0	51	0.21	0.22	0.18	0.16	11.58	3.8	10	0.86	11.0
2809	Soil	0.032	0.32	1.63	274.2	41	0.49	0.40	0.26	0.22	24.20	14.9	24	1.07	27.8
2810	Soil	0.032	0.26	1.63	267.9	56	0.47	0.44	0.22	0.18	27.27	14.9	25	1.09	27.6
2811	Soil	0.025	0.20	1.74	126.0	86	0.51	0.42	0.33	0.40	25.29	16.5	25	1.13	28.3
2812	Soil	0.016	0.09	1.58	77.3	43	0.34	0.31	0.19	0.11	28.54	11.3	22	0.68	21.9
2813	Soil	0.028	0.31	1.92	125.6	101	0.70	0.49	0.41	0.27	27.37	16.2	25	2.21	36.2
2814	Soil	0.008	0.15	1.37	26.7	65	0.41	0.33	0.02	0.06	30.40	6.2	16	0.71	10.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2600	Soil	3.75	6.11	<0.05	0.02	0.03	0.03	13.5	31.2	0.34	401	0.80	<0.01	0.58	25.0
2601	Soil	3.79	5.72	<0.05	<0.02	0.03	0.04	13.0	38.8	0.43	492	0.69	<0.01	0.46	34.7
2602	Soil	1.88	3.26	<0.05	<0.02	0.01	0.03	7.1	12.8	0.17	156	0.37	0.01	0.27	15.8
2603	Soil	3.51	6.44	<0.05	<0.02	0.02	0.03	14.1	42.8	0.49	359	0.69	<0.01	0.67	28.1
2604	Soil	3.77	6.83	<0.05	0.03	0.02	0.02	14.4	64.2	0.71	293	0.60	<0.01	0.23	37.6
2605	Soil	2.52	4.55	<0.05	0.02	0.02	0.03	9.1	18.3	0.22	269	0.55	<0.01	0.24	23.8
2606	Soil	3.24	5.37	<0.05	0.04	0.03	0.03	11.3	48.5	0.51	328	0.35	<0.01	0.28	34.2
2607	Soil	1.57	3.37	<0.05	<0.02	0.02	0.03	5.5	17.1	0.18	134	0.34	0.01	0.21	13.2
2608	Soil	1.06	2.62	<0.05	0.03	0.01	0.02	4.1	10.8	0.10	67	0.26	0.01	0.32	8.6
2609	Soil	4.07	7.18	<0.05	0.04	0.02	0.03	13.5	59.3	0.59	554	0.60	<0.01	0.18	39.1
2610	Soil	3.13	4.91	<0.05	0.05	0.02	0.04	15.9	44.2	0.50	351	0.42	<0.01	0.17	31.0
2611	Soil	3.40	5.21	<0.05	0.10	0.03	0.05	11.4	49.0	0.43	1439	0.69	<0.01	0.27	35.6
2612	Soil	3.11	5.07	<0.05	0.13	0.03	0.04	10.2	42.1	0.44	600	0.44	<0.01	0.28	29.9
2613	Soil	2.84	4.57	<0.05	0.08	0.02	0.04	11.9	39.3	0.40	694	0.35	<0.01	0.23	27.0
2614	Soil	2.50	3.88	<0.05	0.06	0.02	0.04	10.6	33.9	0.35	281	0.33	<0.01	0.20	23.4
2615	Soil	2.68	3.85	<0.05	0.05	0.02	0.04	10.7	39.2	0.40	484	0.38	<0.01	0.19	27.3
2616	Soil	2.69	3.74	<0.05	0.08	0.02	0.04	10.0	39.5	0.40	504	0.28	<0.01	0.17	27.8
2617	Soil	2.16	3.31	<0.05	0.10	0.02	0.04	7.8	33.3	0.33	411	0.28	0.02	0.29	21.6
2618	Soil	3.29	4.67	<0.05	0.07	0.02	0.04	15.1	45.7	0.56	470	0.38	<0.01	0.21	33.8
2619	Soil	3.09	4.62	<0.05	0.10	0.02	0.05	13.6	47.7	0.56	386	0.38	0.01	0.23	33.1
2620	Soil	2.75	3.80	<0.05	0.12	0.02	0.05	8.0	40.7	0.49	516	0.46	0.01	0.26	31.9
2621	Soil	3.13	4.19	<0.05	0.11	0.03	0.06	16.7	39.8	0.45	568	0.40	<0.01	0.21	33.1
2622	Soil	2.83	3.60	<0.05	0.10	0.02	0.04	11.5	36.7	0.42	379	0.30	<0.01	0.21	29.4
2623	Soil	2.58	3.38	<0.05	0.15	0.02	0.05	8.4	34.6	0.40	396	0.29	<0.01	0.30	26.2
2624	Soil	2.72	3.32	<0.05	0.12	0.02	0.04	11.2	31.1	0.37	563	0.31	<0.01	0.21	28.1
2625	Soil	2.40	3.18	<0.05	0.07	0.02	0.03	8.6	25.7	0.28	281	0.33	0.01	0.27	20.1
2626	Soil	3.03	3.96	<0.05	0.06	0.03	0.06	21.4	33.7	0.36	192	0.46	<0.01	0.24	27.5
2627	Soil	2.75	3.53	<0.05	0.11	0.02	0.05	13.8	32.5	0.36	285	0.31	<0.01	0.27	26.2
2628	Soil	2.66	4.37	<0.05	0.03	0.02	0.03	27.7	36.1	0.33	175	0.29	<0.01	0.21	21.9
2629	Soil	2.88	3.67	<0.05	0.04	0.03	0.04	16.6	27.1	0.32	601	0.39	<0.01	0.74	22.5
2630	Soil	1.52	4.58	<0.05	0.03	<0.01	0.02	24.4	16.2	0.17	84	0.41	<0.01	0.41	7.6
2631	Soil	3.06	4.37	<0.05	0.11	0.02	0.06	16.3	41.5	0.49	479	0.31	<0.01	0.29	34.8
2632	Soil	2.95	3.19	<0.05	0.02	0.03	0.02	14.2	25.2	0.21	186	0.39	<0.01	0.48	13.2
2633	Soil	3.45	4.60	<0.05	0.05	0.03	0.02	12.2	48.1	0.43	252	0.53	<0.01	0.50	31.9
2634	Soil	2.81	3.62	<0.05	0.31	0.02	0.03	16.1	35.4	0.37	149	0.29	<0.01	0.32	21.6
2635	Soil	2.82	4.15	<0.05	0.11	0.03	0.04	13.8	29.1	0.35	230	0.36	<0.01	0.32	21.9
2636	Soil	2.59	3.75	<0.05	0.08	0.02	0.04	13.1	27.8	0.33	313	0.32	<0.01	0.36	19.5
2637	Soil	2.75	4.35	<0.05	0.10	0.02	0.07	14.8	32.6	0.42	339	0.23	<0.01	0.33	26.1
2638	Soil	2.71	4.25	<0.05	0.12	0.02	0.06	14.3	34.8	0.48	556	0.30	<0.01	1.03	29.9
2639	Soil	2.77	4.04	<0.05	0.06	0.02	0.04	19.8	34.2	0.41	218	0.23	<0.01	0.24	23.7

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2640	Soil	2.60	4.22	<0.05	0.03	0.02	0.03	16.1	37.2	0.35	233	0.39	<0.01	0.38	16.7
2641	Soil	3.23	4.24	<0.05	0.08	0.03	0.07	20.1	45.3	0.45	365	0.35	<0.01	0.28	32.9
2642	Soil	3.02	3.64	<0.05	0.06	0.03	0.04	19.0	34.0	0.39	343	0.34	<0.01	0.47	24.1
2643	Soil	3.30	3.71	<0.05	0.14	0.05	0.02	13.9	50.4	0.48	757	0.47	<0.01	0.18	38.1
2644	Soil	3.25	4.11	<0.05	0.05	0.02	0.02	10.3	29.7	0.23	162	0.53	<0.01	0.51	16.4
2645	Soil	3.30	5.05	<0.05	0.05	0.02	0.02	17.4	51.4	0.56	171	0.53	<0.01	0.70	23.0
2646	Soil	2.69	3.96	<0.05	0.03	0.02	0.03	16.1	28.8	0.31	214	0.57	<0.01	0.26	19.2
2647	Soil	3.97	4.84	<0.05	0.10	0.03	0.03	18.4	63.2	0.62	438	0.76	<0.01	1.99	40.4
2656	Soil	2.04	1.01	<0.05	0.04	0.02	0.02	8.3	6.7	0.19	178	0.38	<0.01	0.13	19.5
2657	Soil	2.68	2.94	<0.05	0.02	0.03	0.04	10.6	15.8	0.18	1327	0.51	<0.01	0.54	12.5
2658	Soil	3.34	4.36	<0.05	0.03	0.03	0.03	27.3	47.8	0.44	259	0.26	<0.01	0.16	29.6
2659	Soil	3.69	4.04	<0.05	0.09	0.03	0.04	18.4	44.0	0.42	270	0.38	<0.01	0.18	29.8
2667	Soil	3.07	3.33	<0.05	0.07	0.03	0.02	9.6	39.4	0.40	601	0.66	<0.01	0.50	28.0
2668	Soil	3.65	5.46	<0.05	0.04	0.02	0.02	13.6	28.5	0.21	147	0.67	<0.01	0.49	13.6
2669	Soil	3.41	3.34	<0.05	0.08	0.03	0.03	8.7	30.9	0.38	443	0.76	<0.01	0.66	31.3
2670	Soil	3.59	3.92	<0.05	0.10	0.03	0.02	12.5	63.9	0.66	676	0.46	<0.01	0.21	38.4
2671	Soil	3.31	3.23	<0.05	0.03	0.03	0.03	13.4	22.2	0.21	319	0.66	<0.01	0.96	21.6
2672	Soil	1.24	3.12	<0.05	<0.02	<0.01	0.02	15.2	5.8	0.08	118	0.41	<0.01	0.73	5.3
2673	Soil	2.29	3.68	<0.05	0.03	0.02	0.04	16.1	27.3	0.34	172	0.29	<0.01	0.48	17.1
2674	Soil	1.97	3.50	<0.05	0.03	0.01	0.04	12.7	23.0	0.24	158	0.29	<0.01	0.58	13.1
2675	Soil	3.42	3.44	<0.05	0.07	0.03	0.03	15.9	17.6	0.14	254	0.50	<0.01	0.25	20.1
2676	Soil	3.30	5.24	<0.05	0.06	0.02	0.03	14.1	32.0	0.31	189	0.55	<0.01	0.92	13.8
2677	Soil	2.66	3.93	<0.05	0.02	0.02	0.02	15.8	34.7	0.35	214	0.33	<0.01	0.53	15.3
2678	Soil	2.70	4.15	<0.05	0.05	0.03	0.02	11.2	33.9	0.39	306	0.47	<0.01	0.57	20.1
2679	Soil	2.71	4.71	<0.05	0.03	0.02	0.02	14.4	41.0	0.44	268	0.45	<0.01	0.80	21.7
2680	Soil	2.99	3.68	<0.05	0.06	0.02	0.02	12.6	41.5	0.46	314	0.30	<0.01	0.30	24.9
2681	Soil	3.47	3.48	<0.05	0.04	0.03	0.02	21.1	31.3	0.28	244	0.58	<0.01	0.40	20.9
2682	Soil	2.69	2.77	<0.05	0.07	0.02	0.04	10.6	25.8	0.31	552	0.41	<0.01	0.22	25.4
2683	Soil	2.10	4.55	<0.05	0.28	0.01	0.01	17.3	3.5	0.04	95	0.50	<0.01	0.43	8.1
2684	Soil	2.67	3.34	<0.05	0.08	0.02	0.02	18.3	27.3	0.26	159	0.42	<0.01	0.34	16.4
2685	Soil	1.49	2.99	<0.05	0.09	0.01	0.02	7.1	12.0	0.09	263	0.44	0.02	0.49	10.1
2686	Soil	3.16	3.33	<0.05	0.09	0.02	0.04	16.0	33.0	0.38	468	0.33	<0.01	0.25	27.2
2687	Soil	2.68	3.19	<0.05	0.07	0.02	0.03	10.8	20.9	0.26	569	0.52	<0.01	0.67	23.0
2688	Soil	3.23	4.40	0.05	0.05	0.03	0.03	23.2	39.5	0.36	219	0.42	<0.01	0.47	22.8
2689	Soil	2.99	3.91	<0.05	0.05	0.02	0.04	21.0	35.0	0.32	217	0.35	<0.01	0.32	24.1
2690	Soil	2.83	4.03	<0.05	0.04	0.02	0.03	24.3	36.8	0.30	186	0.37	<0.01	0.19	21.7
2691	Soil	4.92	3.88	0.06	0.06	0.04	0.02	25.9	38.6	0.28	262	0.66	<0.01	0.20	36.3
2692	Soil	5.57	3.55	0.06	0.05	0.06	0.04	18.5	31.3	0.27	432	1.69	<0.01	0.79	52.7
2693	Soil	2.24	3.73	<0.05	0.04	0.03	0.03	11.4	41.1	0.29	123	0.42	0.01	0.65	20.5
2694	Soil	3.55	4.33	0.06	0.10	0.04	0.02	26.7	75.0	0.45	533	0.31	<0.01	0.06	33.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2695	Soil	2.84	2.83	<0.05	0.07	0.05	0.02	23.1	24.9	0.13	422	0.40	<0.01	0.46	20.7
2748	Soil	3.54	3.69	<0.05	0.02	0.03	0.05	13.2	11.4	0.09	700	0.88	<0.01	0.33	25.5
2749	Soil	2.62	3.21	<0.05	<0.02	0.02	0.03	15.2	17.6	0.24	340	0.41	0.01	0.21	24.7
2750	Soil	3.05	3.99	<0.05	<0.02	0.02	0.05	13.9	8.0	0.12	846	1.24	<0.01	0.39	25.8
2751	Soil	3.36	3.60	<0.05	<0.02	0.03	0.04	15.1	14.5	0.16	451	1.18	<0.01	0.28	23.7
2752	Soil	3.37	4.38	<0.05	<0.02	0.02	0.03	14.0	14.3	0.16	490	0.69	<0.01	0.38	22.3
2753	Soil	3.34	5.63	<0.05	<0.02	0.02	0.03	12.8	15.3	0.19	262	0.65	0.01	0.43	17.5
2754	Soil	2.96	2.85	<0.05	<0.02	0.02	0.06	13.7	17.1	0.20	390	0.99	<0.01	0.23	23.5
2755	Soil	3.17	3.91	<0.05	<0.02	0.02	0.09	12.1	19.2	0.20	1918	1.12	<0.01	0.52	27.3
2756	Soil	3.75	4.16	<0.05	0.03	0.02	0.05	16.4	28.9	0.35	645	0.76	<0.01	0.45	37.0
2757	Soil	3.46	6.01	<0.05	0.03	0.02	0.06	18.3	38.3	0.44	327	0.58	<0.01	0.33	23.1
2758	Soil	3.24	4.55	<0.05	0.03	0.02	0.05	13.1	35.0	0.48	449	0.82	0.01	0.21	29.1
2759	Soil	1.98	3.77	<0.05	<0.02	0.01	0.03	10.4	15.2	0.18	144	0.55	0.02	0.28	14.7
2760	Soil	3.43	5.09	0.05	0.05	0.02	0.03	15.4	46.2	0.57	471	0.79	<0.01	0.17	33.8
2761	Soil	3.02	4.07	<0.05	0.04	0.02	0.04	10.1	26.3	0.38	268	0.76	<0.01	0.19	24.9
2762	Soil	3.53	4.74	0.06	0.05	0.02	0.03	13.9	51.1	0.58	399	0.61	<0.01	0.25	32.8
2763	Soil	3.60	5.27	0.05	0.05	0.02	0.04	17.2	47.1	0.59	382	0.59	<0.01	0.23	34.7
2764	Soil	3.74	5.73	0.06	0.04	0.02	0.07	20.7	52.9	0.74	545	0.54	<0.01	0.14	40.4
2765	Soil	3.81	5.99	0.07	0.06	0.02	0.06	22.1	54.4	0.74	517	0.54	<0.01	0.14	41.7
2794	Soil	3.67	5.68	0.06	0.07	0.02	0.06	20.2	50.8	0.68	470	0.56	<0.01	0.19	37.7
2795	Soil	3.50	5.28	0.05	0.12	0.02	0.07	15.0	48.5	0.66	460	0.84	<0.01	0.24	39.3
2796	Soil	4.27	6.47	0.06	0.08	0.03	0.03	13.6	67.5	0.85	532	0.69	<0.01	0.08	46.9
2797	Soil	3.04	4.79	<0.05	0.31	0.01	0.03	10.7	44.0	0.59	304	0.41	<0.01	0.21	30.3
2798	Soil	3.44	6.06	0.06	0.08	0.02	0.02	18.5	35.9	0.45	246	0.53	<0.01	0.34	25.3
2799	Soil	4.25	4.91	0.06	0.10	0.04	0.03	12.3	38.2	0.41	242	1.34	<0.01	0.20	31.3
2800	Soil	3.89	5.75	0.05	0.10	0.02	0.04	15.9	54.0	0.68	349	0.50	<0.01	0.17	40.7
2801	Soil	3.22	4.67	0.06	0.07	0.02	0.02	14.4	48.9	0.64	451	0.31	<0.01	0.14	30.1
2802	Soil	2.38	3.65	<0.05	0.07	0.01	0.03	11.1	26.7	0.39	326	0.79	<0.01	0.28	24.9
2803	Soil	1.64	3.86	<0.05	0.03	0.01	0.02	13.1	12.7	0.15	141	0.49	<0.01	0.57	10.1
2804	Soil	1.68	3.98	<0.05	0.02	0.01	0.03	17.1	20.9	0.20	111	0.37	<0.01	0.41	11.0
2805	Soil	2.86	4.28	<0.05	0.02	0.02	0.03	15.7	43.4	0.52	340	0.45	<0.01	0.71	20.8
2806	Soil	2.65	4.51	<0.05	0.04	0.02	0.04	11.5	38.3	0.42	395	0.54	<0.01	0.69	23.5
2807	Soil	2.96	4.44	0.06	0.04	0.02	0.03	12.6	41.4	0.42	433	1.07	<0.01	0.55	28.3
2808	Soil	1.43	3.26	<0.05	0.05	0.01	0.04	6.3	18.5	0.26	107	0.46	0.02	0.47	15.4
2809	Soil	3.34	4.67	<0.05	0.07	0.02	0.04	12.3	50.3	0.63	689	0.68	<0.01	0.45	34.0
2810	Soil	3.31	4.70	<0.05	0.07	0.02	0.04	14.4	46.6	0.60	792	0.82	<0.01	0.46	34.0
2811	Soil	3.26	5.11	<0.05	0.08	0.03	0.05	12.7	43.3	0.60	1063	0.87	0.01	0.44	32.7
2812	Soil	3.07	4.91	<0.05	0.06	0.02	0.03	14.7	47.0	0.65	491	0.34	<0.01	0.26	28.6
2813	Soil	3.51	5.18	<0.05	0.12	0.03	0.07	14.4	44.3	0.61	894	0.80	0.01	0.47	34.4
2814	Soil	3.02	4.87	<0.05	0.06	0.02	0.02	15.1	31.5	0.33	197	0.45	<0.01	0.66	16.0

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2600	Soil	523	17.5	3.5	<0.01	0.01	0.64	0.9	0.3	0.3	7.6	<0.01	0.08	1.8	<0.005
2601	Soil	463	23.5	4.4	<0.01	0.04	0.90	1.5	0.4	0.3	8.4	<0.01	0.11	2.6	<0.005
2602	Soil	393	13.2	2.9	<0.01	0.04	0.51	0.3	0.2	0.2	7.4	<0.01	0.08	0.3	<0.005
2603	Soil	497	20.6	4.8	<0.01	<0.01	0.49	1.1	0.4	0.3	3.7	<0.01	0.08	2.8	0.006
2604	Soil	253	28.2	4.6	<0.01	<0.01	0.38	1.5	0.3	0.2	3.7	<0.01	0.12	5.4	<0.005
2605	Soil	590	17.0	4.4	<0.01	0.02	0.68	0.7	0.3	0.2	7.8	<0.01	0.10	1.3	<0.005
2606	Soil	367	26.1	3.6	<0.01	<0.01	0.56	1.3	0.5	0.2	7.9	<0.01	0.08	4.1	<0.005
2607	Soil	407	52.4	4.0	<0.01	0.02	0.33	0.4	0.3	<0.2	7.5	<0.01	0.05	0.6	<0.005
2608	Soil	212	15.3	2.3	<0.01	0.02	0.19	0.6	0.2	<0.2	5.3	<0.01	0.02	1.0	0.005
2609	Soil	579	29.1	4.2	<0.01	<0.01	0.40	1.3	0.3	<0.2	6.6	<0.01	0.11	4.6	<0.005
2610	Soil	404	23.9	4.3	<0.01	0.02	0.62	1.4	0.3	<0.2	9.4	<0.01	0.07	5.4	<0.005
2611	Soil	650	47.8	7.4	<0.01	0.03	0.62	2.0	0.6	0.2	29.6	<0.01	0.09	4.6	<0.005
2612	Soil	737	28.2	5.7	<0.01	0.03	0.51	1.8	0.4	0.2	26.2	<0.01	0.07	4.1	<0.005
2613	Soil	493	25.5	7.4	<0.01	0.02	0.43	1.5	0.2	<0.2	14.0	<0.01	0.06	4.1	<0.005
2614	Soil	379	18.6	4.0	<0.01	0.02	0.45	1.2	0.2	<0.2	12.6	<0.01	0.04	3.7	<0.005
2615	Soil	377	22.0	4.1	<0.01	0.03	0.67	1.5	0.5	<0.2	22.9	<0.01	0.05	4.1	<0.005
2616	Soil	326	24.3	3.5	<0.01	0.02	0.55	1.6	0.4	<0.2	21.0	<0.01	0.05	4.6	<0.005
2617	Soil	509	16.9	3.5	<0.01	0.04	0.47	1.3	0.5	<0.2	42.7	<0.01	0.04	2.6	<0.005
2618	Soil	444	23.7	3.3	<0.01	0.02	0.69	1.9	0.5	<0.2	20.3	<0.01	0.09	7.0	<0.005
2619	Soil	436	21.9	4.6	<0.01	0.02	0.69	1.8	0.6	<0.2	32.7	<0.01	0.08	5.6	<0.005
2620	Soil	464	21.2	4.1	<0.01	0.04	0.68	1.5	0.6	<0.2	51.8	<0.01	0.05	4.1	<0.005
2621	Soil	407	23.6	5.0	<0.01	<0.01	0.63	2.8	0.5	<0.2	33.1	<0.01	0.07	6.5	<0.005
2622	Soil	433	21.2	3.3	<0.01	0.03	0.70	2.3	0.5	<0.2	34.5	<0.01	0.07	5.2	<0.005
2623	Soil	496	18.8	4.0	<0.01	0.04	0.75	2.0	0.8	<0.2	89.6	<0.01	0.05	3.8	<0.005
2624	Soil	404	21.9	3.3	<0.01	0.01	0.71	2.2	0.7	<0.2	33.3	<0.01	0.05	5.2	<0.005
2625	Soil	317	15.4	3.8	<0.01	<0.01	0.48	1.5	0.4	<0.2	26.9	<0.01	0.04	3.2	<0.005
2626	Soil	207	24.3	2.8	<0.01	0.01	0.72	2.6	0.7	0.4	12.9	<0.01	0.07	8.6	<0.005
2627	Soil	338	20.1	4.0	<0.01	0.03	0.63	2.4	0.6	<0.2	73.7	<0.01	0.02	5.8	<0.005
2628	Soil	149	15.0	4.4	<0.01	<0.01	0.43	1.4	<0.2	0.2	6.5	<0.01	0.04	7.8	<0.005
2629	Soil	209	19.0	5.5	<0.01	<0.01	1.82	3.0	0.4	0.3	38.6	<0.01	0.02	6.4	0.005
2630	Soil	79	7.5	4.9	<0.01	<0.01	0.30	0.7	<0.2	0.3	4.1	<0.01	0.05	5.6	<0.005
2631	Soil	615	17.7	4.2	<0.01	0.01	0.72	2.8	0.5	<0.2	48.9	<0.01	0.05	7.3	<0.005
2632	Soil	212	7.6	4.7	<0.01	<0.01	0.18	1.2	<0.2	0.2	5.1	<0.01	0.03	5.5	<0.005
2633	Soil	368	28.7	4.2	<0.01	<0.01	0.57	1.9	0.5	0.2	7.3	<0.01	0.06	7.5	<0.005
2634	Soil	137	12.9	5.8	<0.01	<0.01	0.34	1.2	<0.2	<0.2	5.8	<0.01	0.04	6.5	<0.005
2635	Soil	129	15.0	8.3	<0.01	<0.01	0.39	1.9	0.2	0.2	16.0	<0.01	0.03	6.7	<0.005
2636	Soil	169	14.5	7.1	<0.01	0.01	0.42	1.7	0.2	0.2	27.3	<0.01	0.04	4.9	<0.005
2637	Soil	235	15.3	5.4	<0.01	0.01	0.47	2.2	0.2	<0.2	41.6	<0.01	0.04	6.4	<0.005
2638	Soil	444	17.5	4.5	<0.01	0.02	0.47	2.5	0.5	0.2	59.5	<0.01	0.04	4.5	0.006
2639	Soil	256	14.1	4.1	<0.01	<0.01	0.40	1.5	<0.2	<0.2	15.5	<0.01	0.04	7.6	<0.005

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Vol 6-92

Buchanan et al., 2011

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2640	Soil	265	14.5	4.8	<0.01	<0.01	0.45	1.2	0.2	0.2	10.5	<0.01	0.03	4.9	<0.005
2641	Soil	505	23.6	4.7	<0.01	0.01	0.59	3.2	0.6	<0.2	39.2	<0.01	0.04	7.6	<0.005
2642	Soil	397	20.1	5.3	<0.01	<0.01	0.48	3.3	0.3	0.2	40.8	<0.01	0.05	6.1	<0.005
2643	Soil	647	33.4	2.3	<0.01	0.03	0.39	4.4	1.4	<0.2	154.7	<0.01	0.07	3.4	<0.005
2644	Soil	283	20.1	5.3	<0.01	<0.01	0.55	1.1	0.2	0.3	5.2	<0.01	0.04	4.6	<0.005
2645	Soil	177	16.0	5.9	<0.01	0.01	0.40	1.5	<0.2	0.3	7.9	<0.01	0.05	6.6	<0.005
2646	Soil	239	14.6	6.5	<0.01	<0.01	0.63	1.0	<0.2	<0.2	6.2	<0.01	0.04	6.3	<0.005
2647	Soil	878	26.5	3.8	<0.01	0.01	0.49	2.9	0.5	0.2	51.0	<0.01	0.06	7.9	0.009
2656	Soil	327	17.7	2.0	<0.01	0.02	0.54	2.8	0.3	<0.2	1029.9	<0.01	0.05	6.4	<0.005
2657	Soil	358	23.7	8.1	<0.01	0.02	0.66	1.6	0.2	0.3	31.3	<0.01	0.05	3.8	<0.005
2658	Soil	164	20.9	5.9	<0.01	<0.01	0.44	2.3	0.3	<0.2	10.4	<0.01	0.03	9.5	<0.005
2659	Soil	196	23.9	5.0	<0.01	<0.01	0.60	1.7	0.3	<0.2	7.0	<0.01	0.07	9.4	<0.005
2667	Soil	525	28.0	3.9	<0.01	0.02	0.67	2.1	0.7	0.2	70.4	<0.01	0.06	3.2	0.008
2668	Soil	223	20.6	6.2	<0.01	<0.01	0.57	1.0	<0.2	0.3	9.9	<0.01	0.04	5.5	<0.005
2669	Soil	497	26.0	3.4	<0.01	0.04	1.94	2.2	0.7	0.2	105.5	0.01	0.08	2.4	0.008
2670	Soil	863	30.8	2.3	<0.01	0.02	0.57	3.0	0.4	<0.2	119.8	<0.01	0.05	6.9	<0.005
2671	Soil	336	28.2	6.4	<0.01	0.01	3.84	1.8	<0.2	0.3	7.8	<0.01	0.04	5.2	<0.005
2672	Soil	154	7.0	6.8	<0.01	0.02	0.90	0.4	<0.2	0.3	8.1	<0.01	0.03	1.7	0.008
2673	Soil	232	10.4	4.8	<0.01	0.01	0.31	1.2	<0.2	0.2	12.7	<0.01	0.03	4.6	<0.005
2674	Soil	234	10.6	6.9	<0.01	0.02	0.33	0.9	<0.2	0.3	12.4	<0.01	0.03	3.6	<0.005
2675	Soil	243	25.1	8.8	<0.01	<0.01	0.94	2.4	0.2	0.4	10.5	<0.01	0.05	8.5	<0.005
2676	Soil	164	12.0	7.0	<0.01	0.01	0.47	1.0	0.2	0.4	4.4	<0.01	0.07	4.7	<0.005
2677	Soil	203	12.6	5.9	<0.01	0.01	0.34	1.2	0.4	0.3	13.9	<0.01	0.04	5.9	<0.005
2678	Soil	297	15.9	3.8	<0.01	0.02	0.49	1.8	<0.2	0.3	42.4	<0.01	0.05	4.5	<0.005
2679	Soil	172	20.1	5.3	<0.01	0.01	0.48	1.8	0.2	0.4	28.2	<0.01	0.05	5.8	0.006
2680	Soil	268	14.2	2.4	<0.01	0.01	0.76	2.5	<0.2	<0.2	25.9	<0.01	0.05	5.9	<0.005
2681	Soil	195	20.7	4.1	<0.01	0.02	0.64	1.5	<0.2	0.2	10.0	<0.01	0.03	7.9	<0.005
2682	Soil	384	21.6	3.2	<0.01	0.04	0.72	1.9	0.5	<0.2	47.2	<0.01	0.06	4.6	<0.005
2683	Soil	257	9.3	2.9	<0.01	<0.01	0.78	0.7	<0.2	0.3	4.8	<0.01	0.04	4.9	<0.005
2684	Soil	136	12.0	5.7	<0.01	<0.01	0.63	1.0	<0.2	0.2	4.0	<0.01	0.03	6.5	<0.005
2685	Soil	351	17.9	4.8	<0.01	0.03	0.37	0.5	0.2	0.2	33.3	0.01	0.04	0.3	0.006
2686	Soil	231	25.0	3.8	<0.01	0.02	1.16	2.5	0.4	<0.2	22.4	<0.01	0.05	7.9	<0.005
2687	Soil	510	18.0	5.2	<0.01	0.03	0.60	1.8	0.4	0.3	46.0	<0.01	0.05	2.7	0.009
2688	Soil	143	16.2	6.7	<0.01	0.02	0.41	1.5	<0.2	0.3	9.9	<0.01	0.05	7.9	<0.005
2689	Soil	162	17.4	6.8	<0.01	0.02	0.50	1.4	0.2	0.2	9.1	<0.01	0.03	8.6	<0.005
2690	Soil	155	15.3	6.1	<0.01	0.01	0.52	1.5	<0.2	0.2	10.5	<0.01	0.04	8.3	<0.005
2691	Soil	329	42.2	8.0	<0.01	0.02	0.51	2.5	0.3	0.3	7.6	<0.01	0.05	15.9	<0.005
2692	Soil	369	44.8	6.9	<0.01	0.02	1.81	2.9	0.3	0.2	17.6	<0.01	0.05	16.9	<0.005
2693	Soil	161	13.2	5.9	<0.01	0.02	0.61	1.2	<0.2	0.3	37.7	<0.01	0.03	4.8	<0.005
2694	Soil	439	22.2	3.2	<0.01	0.01	0.74	3.4	0.5	<0.2	26.5	<0.01	0.04	11.2	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2695	Soil	486	39.1	4.2	<0.01	0.02	0.34	3.9	0.3	0.2	35.9	0.01	0.04	7.8	<0.005
2748	Soil	583	53.8	7.6	<0.01	0.03	1.40	1.2	<0.2	0.3	4.4	<0.01	0.11	9.1	<0.005
2749	Soil	459	32.7	3.9	<0.01	0.02	0.82	0.6	0.2	<0.2	4.8	<0.01	0.09	1.6	<0.005
2750	Soil	685	19.3	8.2	<0.01	0.03	1.09	0.4	<0.2	0.3	7.5	<0.01	0.09	0.7	<0.005
2751	Soil	544	25.1	5.6	<0.01	0.01	0.77	1.0	<0.2	0.2	3.8	<0.01	0.11	8.2	<0.005
2752	Soil	676	22.9	5.7	<0.01	0.02	1.24	0.8	0.4	0.3	5.1	<0.01	0.12	4.7	<0.005
2753	Soil	1284	22.9	5.8	<0.01	0.02	0.82	0.4	<0.2	0.3	7.1	<0.01	0.11	0.9	0.006
2754	Soil	380	27.0	5.8	<0.01	0.02	4.15	1.1	0.3	<0.2	14.4	<0.01	0.52	9.5	<0.005
2755	Soil	648	49.2	11.0	<0.01	0.03	1.35	1.0	<0.2	0.3	16.2	<0.01	0.09	5.5	0.005
2756	Soil	242	19.3	6.5	<0.01	0.02	0.80	1.4	<0.2	0.2	8.1	<0.01	0.07	9.3	<0.005
2757	Soil	326	14.7	6.7	<0.01	0.02	0.47	1.1	0.3	0.3	10.9	<0.01	0.06	6.6	<0.005
2758	Soil	360	18.7	5.6	<0.01	0.03	0.76	1.0	<0.2	<0.2	14.7	<0.01	0.09	4.5	<0.005
2759	Soil	294	14.5	3.4	<0.01	0.02	0.68	0.4	<0.2	<0.2	4.4	<0.01	0.08	1.1	<0.005
2760	Soil	360	20.4	4.5	<0.01	0.02	0.76	1.1	<0.2	<0.2	10.1	<0.01	0.09	5.6	<0.005
2761	Soil	582	20.6	2.5	<0.01	0.02	0.88	0.7	<0.2	<0.2	6.7	<0.01	0.08	2.9	<0.005
2762	Soil	295	26.1	3.8	<0.01	0.01	0.81	1.2	<0.2	<0.2	5.5	<0.01	0.10	6.6	<0.005
2763	Soil	389	22.8	4.7	<0.01	0.02	0.76	1.5	<0.2	<0.2	12.9	<0.01	0.08	6.5	<0.005
2764	Soil	305	22.8	4.2	<0.01	0.01	0.73	2.3	<0.2	<0.2	16.7	<0.01	0.10	9.8	<0.005
2765	Soil	369	22.0	3.8	<0.01	0.01	0.72	2.4	<0.2	0.2	14.8	<0.01	0.10	11.1	<0.005
2794	Soil	403	23.6	4.2	<0.01	0.02	0.84	2.0	<0.2	<0.2	20.1	<0.01	0.09	9.2	<0.005
2795	Soil	432	22.4	4.1	<0.01	0.03	0.84	1.8	<0.2	<0.2	31.4	<0.01	0.08	8.0	<0.005
2796	Soil	452	28.5	2.9	<0.01	0.03	0.98	2.5	0.3	<0.2	13.2	<0.01	0.13	8.0	<0.005
2797	Soil	314	16.0	3.5	<0.01	0.02	0.70	1.2	0.2	<0.2	8.6	<0.01	0.08	5.2	<0.005
2798	Soil	188	17.9	5.3	<0.01	0.02	0.83	1.3	<0.2	0.3	3.4	<0.01	0.09	7.6	<0.005
2799	Soil	272	63.6	5.8	<0.01	0.02	3.56	1.5	0.3	0.2	6.0	<0.01	0.23	10.2	<0.005
2800	Soil	183	57.8	6.0	<0.01	0.01	0.69	1.7	<0.2	<0.2	4.4	<0.01	0.12	11.1	<0.005
2801	Soil	332	22.4	2.2	<0.01	0.02	0.60	1.5	<0.2	<0.2	9.9	<0.01	0.07	7.4	<0.005
2802	Soil	268	20.3	6.0	<0.01	0.02	0.46	1.1	0.2	<0.2	19.5	<0.01	0.05	5.5	<0.005
2803	Soil	126	15.3	7.0	<0.01	0.02	0.34	0.6	<0.2	0.3	8.3	<0.01	0.03	4.3	0.005
2804	Soil	171	21.3	6.2	<0.01	0.02	0.31	0.7	<0.2	0.3	12.5	<0.01	0.03	5.2	<0.005
2805	Soil	178	27.6	5.7	<0.01	0.02	0.52	1.2	<0.2	0.4	16.3	<0.01	0.06	6.7	0.005
2806	Soil	341	41.4	6.1	<0.01	0.03	0.72	1.2	0.2	0.4	19.2	<0.01	0.08	4.4	<0.005
2807	Soil	321	36.8	3.7	<0.01	0.03	1.07	1.3	0.3	0.3	9.4	<0.01	0.09	6.3	<0.005
2808	Soil	318	12.8	5.1	<0.01	0.03	0.28	0.7	<0.2	0.2	20.3	<0.01	0.04	1.7	<0.005
2809	Soil	474	33.0	5.1	<0.01	0.02	0.73	1.8	<0.2	0.3	19.9	<0.01	0.07	6.7	<0.005
2810	Soil	452	33.0	5.7	<0.01	0.02	0.64	1.9	<0.2	0.3	19.4	<0.01	0.07	7.1	<0.005
2811	Soil	516	28.1	7.5	<0.01	0.03	0.76	1.8	<0.2	0.3	25.4	<0.01	0.06	5.7	<0.005
2812	Soil	390	16.6	4.0	<0.01	0.02	0.54	1.7	<0.2	<0.2	14.3	<0.01	0.07	6.7	<0.005
2813	Soil	604	31.7	7.4	<0.01	0.04	0.88	2.3	0.3	0.3	31.0	<0.01	0.09	6.3	<0.005
2814	Soil	120	16.2	5.0	<0.01	0.02	0.60	1.1	<0.2	0.4	5.4	<0.01	0.05	5.7	<0.005

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2600	Soil	<0.05	0.63	28	0.34	1.83	70	<0.5
2601	Soil	<0.05	0.72	28	0.34	2.51	80	<0.5
2602	Soil	<0.05	0.44	15	0.17	1.13	37	<0.5
2603	Soil	<0.05	0.57	33	0.28	1.43	78	<0.5
2604	Soil	<0.05	0.55	36	0.18	1.37	90	1.3
2605	Soil	<0.05	0.77	19	0.16	2.04	50	0.7
2606	Soil	<0.05	0.82	28	0.14	2.26	104	1.0
2607	Soil	<0.05	0.68	14	0.13	1.30	45	<0.5
2608	Soil	<0.05	0.73	10	0.11	1.90	21	0.7
2609	Soil	<0.05	1.18	33	0.32	1.69	111	1.3
2610	Soil	<0.05	0.89	25	0.23	2.51	82	1.4
2611	Soil	<0.05	3.45	27	0.26	6.97	96	3.0
2612	Soil	<0.05	2.01	27	0.23	4.21	80	3.5
2613	Soil	<0.05	1.84	23	0.21	3.79	83	2.1
2614	Soil	<0.05	1.37	20	0.20	2.52	64	1.5
2615	Soil	<0.05	1.40	21	0.22	3.84	68	1.7
2616	Soil	<0.05	0.77	20	0.18	3.66	72	2.2
2617	Soil	<0.05	1.35	18	0.19	4.29	54	3.1
2618	Soil	<0.05	1.26	27	0.24	4.07	88	2.6
2619	Soil	<0.05	1.32	27	0.23	4.11	90	3.2
2620	Soil	<0.05	2.20	23	0.21	3.74	92	3.8
2621	Soil	<0.05	2.27	25	0.20	7.16	81	3.3
2622	Soil	<0.05	0.90	21	0.19	7.03	79	3.1
2623	Soil	<0.05	2.11	20	0.16	7.90	70	4.6
2624	Soil	<0.05	1.34	20	0.16	6.62	71	3.5
2625	Soil	<0.05	1.28	18	0.16	3.85	50	2.1
2626	Soil	<0.05	1.27	22	0.18	9.28	70	2.1
2627	Soil	<0.05	1.49	20	0.17	7.61	60	3.4
2628	Soil	<0.05	0.46	23	0.15	2.53	48	1.0
2629	Soil	<0.05	0.73	24	0.12	6.55	53	1.5
2630	Soil	0.05	0.26	19	0.15	1.30	24	1.1
2631	Soil	<0.05	0.80	26	0.10	6.55	77	3.5
2632	Soil	<0.05	0.35	20	0.14	1.51	60	0.7
2633	Soil	<0.05	0.66	27	0.15	3.13	70	1.6
2634	Soil	<0.05	0.41	23	0.11	1.76	50	2.3
2635	Soil	0.07	0.51	24	0.09	3.16	45	2.3
2636	Soil	0.05	0.56	23	0.12	3.66	45	1.7
2637	Soil	<0.05	0.80	24	0.09	4.53	53	2.8
2638	Soil	<0.05	1.32	28	0.11	5.97	58	3.5
2639	Soil	<0.05	0.48	23	0.06	2.35	58	2.2

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2640	Soil	<0.05	0.46	23	0.10	1.98	54	0.7
2641	Soil	<0.05	0.75	25	0.09	9.21	74	2.3
2642	Soil	<0.05	1.12	25	0.11	9.04	64	1.6
2643	Soil	<0.05	2.79	23	0.05	18.78	113	3.8
2644	Soil	<0.05	0.48	25	0.17	1.42	55	1.4
2645	Soil	0.06	0.46	35	0.25	1.89	62	1.5
2646	Soil	<0.05	0.52	21	0.08	1.70	53	0.8
2647	Soil	<0.05	1.67	33	<0.05	7.06	90	3.0
2656	Soil	<0.05	0.78	9	0.06	7.79	64	1.5
2657	Soil	0.06	0.87	20	1.80	3.01	51	0.8
2658	Soil	<0.05	0.56	25	0.21	3.95	69	1.3
2659	Soil	<0.05	0.61	26	0.07	2.48	67	3.6
2667	Soil	<0.05	2.36	23	0.11	7.23	69	1.9
2668	Soil	0.06	0.39	27	0.13	1.23	50	1.5
2669	Soil	<0.05	3.91	23	0.20	6.68	64	2.4
2670	Soil	<0.05	1.24	29	0.06	9.18	100	3.1
2671	Soil	<0.05	0.83	23	0.13	2.14	78	1.1
2672	Soil	<0.05	0.24	16	0.17	0.94	24	<0.5
2673	Soil	<0.05	0.46	22	0.10	2.19	44	0.9
2674	Soil	<0.05	0.33	21	0.11	1.56	35	0.7
2675	Soil	0.09	0.54	23	0.12	4.63	38	2.4
2676	Soil	0.05	0.30	31	0.18	1.16	52	2.0
2677	Soil	0.05	0.47	25	0.08	1.87	39	0.8
2678	Soil	0.06	1.18	27	0.12	3.15	46	1.2
2679	Soil	0.06	0.66	32	0.15	2.79	55	1.1
2680	Soil	<0.05	0.91	25	0.10	6.17	57	1.6
2681	Soil	<0.05	0.54	20	0.08	2.31	70	1.8
2682	Soil	<0.05	0.91	17	0.13	5.28	65	2.5
2683	Soil	0.06	0.28	19	0.11	1.10	28	<0.5
2684	Soil	<0.05	0.37	20	0.11	1.34	44	1.3
2685	Soil	<0.05	1.03	14	0.10	2.61	24	<0.5
2686	Soil	<0.05	1.30	22	0.09	5.21	63	2.6
2687	Soil	<0.05	1.70	22	0.15	5.20	52	1.6
2688	Soil	0.05	0.43	26	0.10	1.99	59	2.0
2689	Soil	0.05	0.48	23	0.07	2.17	54	1.7
2690	Soil	0.06	0.45	22	0.07	2.44	53	1.5
2691	Soil	0.07	0.94	18	0.05	3.23	117	3.1
2692	Soil	0.07	0.87	20	<0.05	4.33	106	2.6
2693	Soil	0.06	0.75	23	0.22	2.72	48	1.2
2694	Soil	<0.05	1.01	23	<0.05	7.08	39	2.8

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11-360-05962-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2695	Soil	<0.05	0.78	17	0.07	10.16	64	2.3
2748	Soil	0.06	1.13	19	1.17	1.86	119	0.8
2749	Soil	<0.05	0.80	19	0.34	1.32	69	<0.5
2750	Soil	<0.05	0.80	20	0.69	1.53	94	<0.5
2751	Soil	0.05	0.96	20	0.46	1.87	70	0.7
2752	Soil	<0.05	0.87	21	0.42	1.67	76	0.6
2753	Soil	<0.05	0.94	23	0.22	1.37	82	<0.5
2754	Soil	0.06	1.02	16	14.86	2.86	85	1.1
2755	Soil	0.07	1.03	21	8.94	2.01	108	0.8
2756	Soil	<0.05	0.85	26	0.44	3.15	90	1.9
2757	Soil	<0.05	0.49	32	0.18	1.16	80	1.2
2758	Soil	<0.05	0.66	27	0.76	1.67	76	0.9
2759	Soil	<0.05	0.65	18	1.01	1.43	39	<0.5
2760	Soil	<0.05	0.95	30	0.18	1.78	79	1.1
2761	Soil	<0.05	0.73	23	0.43	1.30	79	1.1
2762	Soil	<0.05	0.91	31	0.24	2.59	87	1.4
2763	Soil	<0.05	1.10	33	0.20	3.06	88	1.6
2764	Soil	<0.05	0.87	39	0.12	4.53	98	1.8
2765	Soil	<0.05	0.85	39	0.10	4.78	101	2.7
2794	Soil	<0.05	1.11	35	0.16	3.58	98	2.7
2795	Soil	<0.05	1.01	33	0.23	3.48	100	4.1
2796	Soil	<0.05	1.43	41	0.12	4.01	126	2.5
2797	Soil	<0.05	0.73	29	0.20	1.67	82	1.5
2798	Soil	<0.05	0.73	33	0.29	1.43	70	2.6
2799	Soil	0.10	0.80	27	0.19	1.52	104	3.1
2800	Soil	<0.05	0.99	37	0.19	1.86	127	3.7
2801	Soil	<0.05	0.78	31	0.14	2.58	81	2.0
2802	Soil	<0.05	1.18	21	0.16	2.25	89	1.5
2803	Soil	<0.05	0.46	19	0.17	1.15	60	<0.5
2804	Soil	<0.05	0.84	18	0.20	2.16	40	<0.5
2805	Soil	<0.05	0.65	29	0.35	1.94	70	0.7
2806	Soil	0.05	0.97	27	0.36	2.79	81	1.0
2807	Soil	0.06	0.88	27	0.37	2.19	89	1.1
2808	Soil	<0.05	0.54	16	0.17	1.44	42	0.6
2809	Soil	<0.05	1.34	32	0.21	4.91	102	2.1
2810	Soil	0.05	1.34	33	0.29	5.63	95	1.9
2811	Soil	0.05	1.18	32	0.26	5.15	96	2.3
2812	Soil	<0.05	0.76	32	0.15	3.33	82	1.9
2813	Soil	0.06	1.83	34	0.27	9.28	96	3.2
2814	Soil	<0.05	0.41	27	0.21	1.37	51	2.1

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2600	Soil		0.14	1.18	119.1	34	0.28	0.42	0.08	0.16	25.97	11.0	19	0.89	22.2
2600 Dup			0.13	1.20	115.5	37	0.31	0.44	0.08	0.16	27.95	10.7	20	1.00	21.5
QCV1108-00894-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6130.1
2618	Soil		0.14	1.43	88.9	37	0.45	0.36	0.31	0.13	28.56	14.6	20	0.70	32.9
2618 Dup			0.13	1.43	88.0	40	0.42	0.35	0.30	0.14	32.30	14.8	20	0.75	33.8
QCV1108-00894-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6079.7
2636	Soil		0.05	1.29	14.1	72	0.46	0.21	0.33	0.04	26.73	9.0	14	0.46	11.4
2636 Dup			0.05	1.29	14.2	68	0.48	0.22	0.33	0.04	26.24	8.6	14	0.44	11.0
QCV1108-00894-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6052.9
2669	Soil		0.14	1.14	32.1	58	0.59	0.41	1.25	0.35	17.98	12.2	16	0.51	31.4
2669 Dup			0.13	1.11	31.2	56	0.57	0.40	1.26	0.34	17.70	11.4	17	0.55	30.0
QCV1108-00894-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.23				23.1			>10000
2687	Soil		0.17	1.02	34.8	72	0.46	0.33	0.60	0.15	21.41	11.0	13	0.68	23.3
2687 Dup			0.16	1.04	36.5	78	0.49	0.33	0.60	0.15	22.83	11.2	13	0.73	23.7
QCV1108-00894-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					8.78				21.4			>10000
2757	Soil		0.12	1.47	41.5	29	0.27	0.28	0.13	0.15	34.38	9.1	22	0.95	11.7
2757 Dup			0.11	1.46	42.5	29	0.31	0.28	0.13	0.16	35.37	9.1	21	0.97	11.9
QCV1108-00894-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6231.0
2803	Soil		0.10	0.59	94.6	26	0.11	0.29	0.06	0.29	25.54	4.4	9	1.02	11.0
2803 Dup			0.09	0.58	96.2	27	0.14	0.29	0.06	0.31	26.09	4.5	9	1.12	11.1
QCV1108-00894-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6316.8
QCV1108-00894-0022-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.50		7171.4							8.7			24.5
2600	Soil	0.011													
2600 Dup		0.017													

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.412													
2618	Soil	0.020													
2618 Dup		0.020													
QCV1108-00895-0004-BLK		<0.005													
2636	Soil	0.006													
2636 Dup		0.010													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.434													
2669	Soil	0.008													
2669 Dup		0.012													
QCV1108-00895-0008-BLK		<0.005													
2687	Soil	0.017													
2687 Dup		0.020													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.499													
2757	Soil	0.016													
2757 Dup		0.021													
QCV1108-00895-0012-BLK		0.007													
2803	Soil	0.020													
2803 Dup		0.017													
QCV1108-00895-0014-BLK		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.495													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2600	Soil	3.75	6.11	<0.05	0.02	0.03	0.03	13.5	31.2	0.34	401	0.80	<0.01	0.58	25.0
2600 Dup		3.68	6.00	<0.05	<0.02	0.03	0.03	14.8	29.8	0.35	397	0.79	<0.01	0.55	24.3
QCV1108-00894-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2618	Soil	3.29	4.67	<0.05	0.07	0.02	0.04	15.1	45.7	0.56	470	0.38	<0.01	0.21	33.8
2618 Dup		3.18	4.63	<0.05	0.07	0.02	0.04	17.0	46.7	0.55	465	0.39	<0.01	0.22	33.9
QCV1108-00894-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2636	Soil	2.59	3.75	<0.05	0.08	0.02	0.04	13.1	27.8	0.33	313	0.32	<0.01	0.36	19.5
2636 Dup		2.56	3.53	<0.05	0.07	0.02	0.04	13.3	27.4	0.34	316	0.32	<0.01	0.37	19.3
QCV1108-00894-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2669	Soil	3.41	3.34	<0.05	0.08	0.03	0.03	8.7	30.9	0.38	443	0.76	<0.01	0.66	31.3
2669 Dup		3.47	3.13	<0.05	0.08	0.02	0.03	8.5	30.4	0.37	447	0.71	<0.01	0.60	30.0
QCV1108-00894-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2687	Soil	2.68	3.19	<0.05	0.07	0.02	0.03	10.8	20.9	0.26	569	0.52	<0.01	0.67	23.0
2687 Dup		2.66	3.43	<0.05	0.07	0.02	0.03	11.6	21.6	0.26	562	0.57	<0.01	0.68	23.7
QCV1108-00894-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2757	Soil	3.46	6.01	<0.05	0.03	0.02	0.06	18.3	38.3	0.44	327	0.58	<0.01	0.33	23.1
2757 Dup		3.40	6.22	<0.05	0.03	0.02	0.07	18.9	38.5	0.44	326	0.63	<0.01	0.34	23.2
QCV1108-00894-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2803	Soil	1.64	3.86	<0.05	0.03	0.01	0.02	13.1	12.7	0.15	141	0.49	<0.01	0.57	10.1
2803 Dup		1.61	3.95	<0.05	0.02	0.01	0.02	13.9	13.1	0.15	136	0.52	<0.01	0.59	10.4
QCV1108-00894-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-00894-0022-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.61	498				46.6

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2600	Soil	523	17.5	3.5	<0.01	0.01	0.64	0.9	0.3	0.3	7.6	<0.01	0.08	1.8	<0.005
2600 Dup		522	17.7	3.7	<0.01	0.02	0.65	0.8	0.3	0.3	7.7	<0.01	0.08	1.8	<0.005
QCV1108-00894-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								23.6				
2618	Soil	444	23.7	3.3	<0.01	0.02	0.69	1.9	0.5	<0.2	20.3	<0.01	0.09	7.0	<0.005
2618 Dup		435	24.4	3.7	<0.01	0.01	0.73	1.9	0.4	<0.2	20.4	<0.01	0.08	7.1	<0.005
QCV1108-00894-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9797.5								22.3				
2636	Soil	169	14.5	7.1	<0.01	0.01	0.42	1.7	0.2	0.2	27.3	<0.01	0.04	4.9	<0.005
2636 Dup		171	14.0	6.7	<0.01	<0.01	0.38	1.6	<0.2	0.2	26.2	<0.01	0.02	5.0	<0.005
QCV1108-00894-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								23.8				
2669	Soil	497	26.0	3.4	<0.01	0.04	1.94	2.2	0.7	0.2	105.5	0.01	0.08	2.4	0.008
2669 Dup		495	24.6	3.4	<0.01	0.03	2.02	2.0	0.8	0.2	104.5	0.01	0.04	2.3	0.008
QCV1108-00894-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.9				1.54		13.4	15.8					
2687	Soil	510	18.0	5.2	<0.01	0.03	0.60	1.8	0.4	0.3	46.0	<0.01	0.05	2.7	0.009
2687 Dup		515	18.6	5.6	<0.01	0.03	0.63	1.8	0.5	0.3	48.6	<0.01	0.07	2.8	0.009
QCV1108-00894-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.0				1.78		13.2	16.7					
2757	Soil	326	14.7	6.7	<0.01	0.02	0.47	1.1	0.3	0.3	10.9	<0.01	0.06	6.6	<0.005
2757 Dup		324	15.0	6.5	<0.01	0.02	0.53	1.1	<0.2	0.3	10.6	<0.01	0.08	6.8	<0.005
QCV1108-00894-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								25.7				
2803	Soil	126	15.3	7.0	<0.01	0.02	0.34	0.6	<0.2	0.3	8.3	<0.01	0.03	4.3	0.005
2803 Dup		122	16.4	7.2	<0.01	0.02	0.36	0.6	<0.2	0.3	8.7	<0.01	0.05	4.4	0.005
QCV1108-00894-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								24.0				
QCV1108-00894-0022-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005

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11-360-05962-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2600	Soil	<0.05	0.63	28	0.34	1.83	70	<0.5
2600 Dup		<0.05	0.66	28	0.33	1.82	71	<0.5
QCV1108-00894-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5359	
2618	Soil	<0.05	1.26	27	0.24	4.07	88	2.6
2618 Dup		<0.05	1.24	27	0.24	4.08	85	2.6
QCV1108-00894-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5377	
2636	Soil	0.05	0.56	23	0.12	3.66	45	1.7
2636 Dup		0.05	0.57	23	0.11	3.55	46	1.8
QCV1108-00894-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4812	
2669	Soil	<0.05	3.91	23	0.20	6.68	64	2.4
2669 Dup		<0.05	3.78	23	0.35	6.43	64	2.2
QCV1108-00894-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							181	
2687	Soil	<0.05	1.70	22	0.15	5.20	52	1.6
2687 Dup		<0.05	1.78	22	0.17	5.41	53	1.6
QCV1108-00894-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
2757	Soil	<0.05	0.49	32	0.18	1.16	80	1.2
2757 Dup		<0.05	0.49	31	0.18	1.16	81	1.2
QCV1108-00894-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5031	
2803	Soil	<0.05	0.46	19	0.17	1.15	60	<0.5
2803 Dup		<0.05	0.48	19	0.28	1.13	58	<0.5
QCV1108-00894-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4977	
QCV1108-00894-0022-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.20					208	

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/10/2011
Date Completed: 08/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	209	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
479	Soil	0.015	0.24	1.45	77.0	22	0.49	0.49	0.03	0.14	17.74	11.8	22	1.68	40.2
480	Soil	0.009	0.73	1.74	35.3	33	0.70	0.64	0.04	0.18	15.46	23.4	27	4.61	70.0
481	Soil	0.035	0.24	1.81	27.5	22	0.64	0.64	0.03	0.09	14.15	14.2	28	4.80	71.7
482	Soil	0.110	0.70	2.15	420.2	39	1.01	0.69	0.07	0.49	19.19	30.0	33	6.08	85.4
483	Soil	0.045	0.20	1.65	249.9	30	0.60	0.47	0.05	0.40	13.30	16.2	25	4.47	48.5
484	Soil	0.014	0.19	2.41	102.8	22	0.65	0.74	0.05	0.08	24.83	27.8	35	4.93	83.5
485	Soil	0.010	0.13	2.15	72.8	25	0.56	0.63	0.04	0.14	17.15	18.7	34	5.04	63.4
486	Soil	0.012	0.19	2.17	134.6	17	0.54	0.72	0.03	0.14	22.15	22.0	33	2.62	56.1
487	Soil	0.023	0.18	2.07	112.7	39	0.58	0.67	0.03	0.16	18.03	19.5	30	3.09	53.9
488	Soil	<0.005	0.13	1.97	44.4	20	0.39	0.53	<0.01	0.08	12.06	13.4	29	2.69	40.5
489	Soil	<0.005	0.16	1.60	25.0	24	0.29	0.43	0.04	0.12	10.25	10.9	24	4.76	26.7
490	Soil	0.006	0.11	2.00	20.3	27	0.30	0.48	0.29	0.07	15.54	12.3	33	5.90	29.2
491	Soil	<0.005	0.04	2.14	23.0	22	0.41	0.53	0.07	0.05	24.23	16.6	33	5.02	38.2
492	Soil	0.007	0.15	1.65	12.3	33	0.31	0.42	0.21	0.06	14.49	9.9	25	3.04	25.6
493	Soil	0.006	0.43	1.40	31.5	42	0.36	0.32	0.16	0.05	11.74	8.7	19	2.98	19.2
494	Soil	0.033	0.10	1.64	67.9	35	0.33	0.50	0.05	0.18	35.73	14.6	28	1.84	34.3
495	Soil	0.025	0.09	1.43	69.9	24	0.28	0.41	0.02	0.10	29.90	12.3	23	1.04	33.5
496	Soil	0.009	0.18	0.82	34.5	21	0.18	0.24	<0.01	0.09	14.90	7.3	14	0.88	21.7
497	Soil	0.018	0.16	1.60	82.9	30	0.62	0.53	0.14	0.17	16.86	22.5	26	6.25	50.4
498	Soil	<0.005	0.06	1.79	27.3	20	0.20	0.57	0.01	0.04	22.20	13.6	29	3.14	43.4
499	Soil	<0.005	0.05	2.02	12.8	24	0.49	0.53	0.06	0.05	23.40	19.2	34	2.55	48.0
500	Soil	<0.005	0.10	1.78	8.5	43	0.43	0.43	0.10	0.05	18.27	13.6	26	3.91	39.7
1664	Soil	0.036	0.07	0.67	53.8	21	0.23	0.28	0.01	0.05	27.37	12.8	11	1.29	25.5
1665	Soil	0.221	0.10	1.27	404.7	35	0.31	0.42	0.02	0.08	32.07	11.3	19	1.46	27.6
1666	Soil	<0.005	0.11	0.74	33.9	21	0.51	0.35	0.03	0.16	17.10	15.3	10	1.91	40.2
1667	Soil	0.015	0.16	0.97	44.6	28	0.22	0.41	<0.01	0.04	29.29	8.4	17	2.49	24.1
1668	Soil	0.018	0.04	0.53	33.6	19	0.13	0.28	<0.01	0.02	30.60	5.2	8	1.31	15.4
1669	Soil	0.029	0.18	0.71	180.5	27	0.22	0.20	0.02	0.08	21.00	6.4	5	0.98	13.8
1670	Soil	0.158	0.26	1.33	304.0	30	0.43	0.38	0.03	0.09	24.46	14.5	20	2.51	46.9
1671	Soil	0.157	0.11	0.87	240.0	25	0.43	0.36	<0.01	0.07	29.46	11.8	11	2.82	38.5
1672	Soil	0.087	0.12	0.95	126.7	29	0.27	0.31	<0.01	0.08	25.15	10.2	13	1.06	19.9
1673	Soil	0.600	0.16	0.75	513.5	33	0.41	0.36	<0.01	0.09	38.71	14.8	8	3.05	37.3
1674	Soil	0.248	0.18	0.61	209.7	28	0.29	0.42	<0.01	0.04	25.77	11.6	7	2.32	30.0
1675	Soil	0.219	0.03	0.40	214.9	28	0.28	0.41	<0.01	0.04	45.72	15.1	12	1.98	35.7
1676	Soil	0.048	0.12	0.77	96.9	20	0.16	0.37	0.01	0.04	28.62	7.9	13	1.02	25.6
1677	Soil	0.031	0.09	0.91	134.5	22	0.18	0.35	<0.01	0.06	28.31	7.7	14	1.00	19.1
1678	Soil	0.005	0.11	1.48	33.0	21	0.19	0.48	0.02	0.12	24.61	11.1	22	1.10	30.3
1679	Soil	0.198	0.35	1.40	283.1	34	0.26	0.38	0.01	0.12	36.44	10.5	20	1.04	23.2
1680	Soil	0.026	0.12	0.92	325.9	28	0.20	0.31	<0.01	0.14	31.13	7.5	13	0.75	16.4
1681	Soil	0.032	0.13	0.51	270.8	29	0.19	0.29	<0.01	0.11	40.82	7.0	8	0.98	13.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1682	Soil	0.036	0.07	0.52	147.0	19	0.11	0.29	<0.01	0.07	43.07	7.1	7	0.55	14.5
1683	Soil	0.066	0.16	0.45	187.1	18	0.33	0.24	0.21	0.06	19.80	10.7	7	1.06	22.2
1684	Soil	0.092	0.09	0.13	377.9	9	0.07	0.13	<0.01	0.06	34.55	3.2	3	0.59	7.0
1685	Soil	0.051	0.18	0.31	416.3	18	0.23	0.19	0.18	0.13	15.11	5.8	7	0.90	14.6
1686	Soil	0.087	0.38	0.47	403.8	24	0.37	0.28	0.39	0.17	14.75	9.4	8	0.75	29.1
1687	Soil	0.060	0.42	0.55	470.8	24	0.33	0.26	0.48	0.26	12.06	11.5	9	1.02	31.4
1688	Soil	0.052	0.47	1.17	387.2	35	0.52	0.41	0.35	0.27	15.79	13.3	18	1.66	38.7
1689	Soil	0.071	0.09	0.96	260.5	27	0.28	0.32	0.11	0.16	28.34	11.4	15	0.79	23.3
1690	Soil	0.023	0.06	1.02	161.9	24	0.15	0.33	0.02	0.22	40.52	7.4	16	0.66	17.4
1691	Soil	0.014	0.24	1.12	94.5	42	0.38	0.37	0.18	0.08	25.60	9.3	15	1.13	37.3
1692	Soil	0.013	0.17	1.25	86.2	28	0.43	0.47	0.26	0.10	21.70	14.0	19	1.22	40.9
1693	Soil	0.014	0.55	1.03	49.2	34	0.56	0.34	0.30	0.17	10.09	10.3	11	0.99	32.6
1694	Soil	0.023	0.23	1.07	176.7	45	0.65	0.40	0.27	0.23	15.87	31.8	14	1.41	40.2
1695	Soil	0.024	0.11	1.12	118.0	27	0.29	0.29	0.10	0.11	24.19	13.9	15	0.82	19.4
1696	Soil	0.026	0.13	1.23	100.0	26	0.40	0.30	0.32	0.09	23.56	11.2	18	0.69	26.5
1697	Soil	0.029	0.10	1.36	120.8	28	0.42	0.32	0.21	0.08	32.15	10.8	19	0.65	23.8
1698	Soil	0.022	0.16	1.56	124.3	45	0.45	0.32	0.42	0.06	32.01	11.2	19	0.74	24.6
1699	Soil	0.014	0.08	1.46	54.9	36	0.43	0.35	0.18	0.05	42.22	12.0	20	0.75	26.6
1700	Soil	0.017	0.10	1.72	68.3	59	0.58	0.38	0.40	0.09	35.20	13.5	21	0.97	34.9
1701	Soil	0.018	0.07	1.51	52.5	38	0.41	0.36	0.11	0.07	42.16	14.1	20	0.87	30.4
1702	Soil	0.018	0.14	1.46	64.0	52	0.46	0.39	0.47	0.12	21.68	12.3	18	0.67	31.3
1703	Soil	0.033	0.05	1.58	35.7	37	0.37	0.38	0.01	0.09	33.94	11.8	20	0.87	26.8
1704	Soil	0.013	0.05	1.39	28.6	29	0.34	0.36	<0.01	0.06	25.90	11.8	21	1.06	25.4
1705	Soil	0.011	0.05	1.79	26.2	45	0.40	0.39	0.01	0.07	32.38	21.2	24	1.76	35.1
1706	Soil	0.012	0.06	1.89	30.8	31	0.28	0.37	<0.01	0.05	33.69	14.0	26	2.67	31.7
1707	Soil	<0.005	0.11	1.13	16.3	23	0.17	0.35	0.01	0.05	17.61	4.4	14	2.42	31.4
1708	Soil	0.048	0.19	1.82	44.0	38	0.43	0.57	<0.01	0.08	33.01	12.8	23	1.95	49.4
1709	Soil	0.098	0.16	1.20	39.5	17	0.49	0.69	<0.01	0.02	43.59	2.6	16	4.70	51.1
1710	Soil	0.043	0.20	1.60	43.7	31	0.36	0.64	<0.01	0.04	17.37	6.6	24	1.96	51.5
1711	Soil	0.006	0.08	1.70	17.6	17	0.46	0.56	<0.01	0.03	21.45	2.7	25	1.51	56.7
1712	Soil	0.013	0.04	1.90	25.9	39	0.45	0.47	<0.01	0.05	13.96	7.0	28	0.81	43.7
1713	Soil	0.022	0.12	1.62	52.8	23	0.62	0.64	<0.01	0.06	21.72	6.1	27	2.40	75.1
1714	Soil	0.017	0.22	1.64	36.9	56	0.40	0.49	0.01	0.18	20.61	36.1	22	1.33	34.9
1715	Soil	0.203	0.20	1.03	501.7	36	0.23	0.35	<0.01	0.12	24.00	7.2	12	1.90	21.3
1716	Soil	0.006	0.12	0.97	15.1	11	0.16	0.23	0.05	0.16	19.18	5.5	10	1.49	13.1
1717	Soil	<0.005	0.12	1.17	16.0	25	0.19	0.31	0.02	0.19	13.88	7.4	18	1.23	21.4
1718	Soil	0.018	0.15	1.05	19.1	26	0.12	0.31	0.01	0.03	25.41	5.5	14	0.74	12.4
1719	Soil	<0.005	0.16	0.73	24.2	32	0.14	0.30	0.04	0.11	13.69	5.2	11	2.27	16.9
1720	Soil	<0.005	0.20	0.24	32.4	17	0.06	0.10	0.04	0.05	5.87	2.4	3	0.73	5.5
1721	Soil	0.052	0.04	1.70	35.5	38	0.36	0.31	0.01	0.04	27.17	9.8	21	0.63	26.9

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1722	Soil	0.018	0.14	1.23	61.7	25	0.34	0.38	<0.01	0.04	28.01	15.4	19	0.97	38.8
1723	Soil	0.036	0.16	1.35	74.6	31	0.21	0.31	<0.01	0.06	34.20	8.5	18	0.84	24.7
1724	Soil	0.029	0.28	1.28	88.1	34	0.20	0.33	<0.01	0.09	34.38	8.0	17	1.04	18.7
1725	Soil	0.399	0.45	0.52	325.2	30	0.09	0.20	0.02	0.09	12.31	1.8	3	0.78	11.3
1726	Soil	0.236	0.39	1.53	226.1	36	0.35	0.34	0.01	0.08	25.97	11.5	21	0.75	33.9
1727	Soil	0.084	0.40	0.96	221.8	30	0.24	0.33	0.19	0.06	14.07	8.9	14	0.53	33.4
1728	Soil	0.017	0.11	1.47	46.8	69	0.34	0.29	0.42	0.05	14.58	10.8	18	0.49	29.1
1729	Soil	0.053	0.11	1.67	50.6	49	0.38	0.34	0.45	0.09	16.91	12.4	25	0.46	32.8
1730	Soil	0.024	0.12	1.76	58.8	50	0.42	0.37	0.45	0.08	18.87	13.6	24	0.53	44.9
1731	Soil	0.012	0.14	1.69	39.4	51	0.41	0.35	0.68	0.08	18.36	13.1	23	0.54	42.8
1732	Soil	0.032	0.11	1.72	46.0	49	0.42	0.37	0.67	0.10	19.33	14.0	25	0.56	42.1
1733	Soil	0.028	0.11	1.78	46.7	47	0.44	0.40	0.39	0.07	27.40	15.8	25	0.78	45.1
1734	Soil	0.020	0.07	1.74	43.8	38	0.39	0.38	0.37	0.08	22.25	13.8	24	1.04	36.8
1735	Soil	0.009	0.05	1.58	36.9	40	0.34	0.34	0.09	0.05	19.22	12.1	19	1.12	32.2
1736	Soil	0.014	0.05	1.92	34.5	20	0.34	0.51	0.23	0.07	12.69	19.5	28	1.69	44.5
1737	Soil	<0.005	0.09	0.22	29.4	13	<0.05	0.08	0.01	0.07	3.85	2.2	4	0.29	6.1
1738	Soil	0.013	0.07	1.95	55.5	33	0.25	0.39	<0.01	0.13	17.95	25.3	30	1.23	42.9
1739	Soil	0.024	0.08	1.81	52.3	32	0.35	0.42	0.01	0.11	26.88	14.7	26	1.06	37.9
1740	Soil	0.006	0.09	0.89	19.1	31	0.16	0.21	0.01	0.05	12.42	4.3	9	0.86	14.2
1741	Soil	0.032	0.13	1.41	41.8	29	0.34	0.30	0.01	0.07	22.10	10.4	22	1.04	28.2
1742	Soil	0.047	0.11	1.75	76.1	39	0.32	0.43	0.01	0.08	30.67	13.3	25	2.08	40.8
1743	Soil	0.014	0.22	1.32	31.9	36	0.36	0.37	0.01	0.07	33.60	11.7	17	1.60	25.7
1744	Soil	0.008	0.10	1.17	26.4	28	0.26	0.38	<0.01	0.06	14.86	10.6	19	0.99	27.3
1745	Soil	0.007	0.11	1.06	25.1	34	0.24	0.38	<0.01	0.06	20.88	9.7	15	1.27	25.0
1746	Soil	0.029	0.08	1.63	46.0	34	0.47	0.41	0.02	0.13	24.29	17.3	22	1.18	34.6
1747	Soil	0.019	0.08	1.49	28.1	31	0.35	0.35	0.01	0.08	25.11	17.0	23	1.21	30.2
1748	Soil	0.017	0.36	1.70	25.4	26	0.38	0.42	0.02	0.11	30.25	19.2	23	2.16	55.6
1749	Soil	0.017	0.11	1.13	23.6	39	0.35	0.38	0.01	0.07	35.86	15.0	19	2.90	29.7
1750	Soil	0.050	0.40	1.85	52.6	37	0.63	0.54	<0.01	0.12	24.91	17.8	24	1.95	51.8
1751	Soil	0.006	0.55	1.33	20.7	37	0.25	0.45	<0.01	0.09	28.53	12.2	23	2.62	31.8
1752	Soil	0.017	0.14	1.49	27.4	39	0.23	0.43	0.01	0.10	27.92	9.3	21	1.54	26.2
1753	Soil	0.046	0.16	1.96	22.8	21	0.26	0.42	<0.01	0.12	20.86	12.5	28	1.42	37.3
1754	Soil	0.054	0.12	0.82	36.1	29	0.17	0.39	<0.01	0.13	15.26	11.6	15	1.77	28.2
1755	Soil	0.152	0.61	0.87	139.3	38	0.41	0.47	0.01	0.12	22.68	7.8	17	1.43	41.3
1756	Soil	0.022	0.30	2.05	29.0	34	0.57	0.55	0.04	0.28	24.76	10.2	27	1.10	85.9
1757	Soil	<0.005	0.13	1.14	17.1	30	0.12	0.37	0.02	0.13	33.75	6.4	15	0.65	13.3
1758	Soil	0.052	0.18	0.92	170.7	28	0.46	0.55	0.05	0.19	15.57	26.3	16	2.05	50.3
1759	Soil	0.031	0.27	0.84	153.9	23	0.46	0.56	0.04	0.40	12.16	22.8	17	2.25	46.9
1760	Soil	0.038	0.41	0.36	127.7	21	0.27	0.56	0.04	0.33	13.71	15.9	24	0.85	38.0
1761	Soil	0.007	0.23	1.14	39.4	51	0.30	0.43	0.04	0.23	8.37	14.4	22	3.14	38.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1762	Soil	0.014	0.10	1.70	53.0	25	0.59	0.54	0.04	0.23	12.03	25.0	28	3.58	65.5
1763	Soil	0.015	0.29	1.64	60.5	24	0.63	0.55	0.45	0.27	10.38	21.1	27	12.38	65.8
1764	Soil	0.032	0.56	1.60	131.6	34	0.57	0.53	0.93	0.25	9.06	12.8	25	15.73	64.9
1765	Soil	0.014	0.12	1.72	107.4	32	0.20	0.34	0.77	0.14	8.41	11.9	26	10.10	25.1
1766	Soil	0.012	0.09	1.43	54.3	37	0.33	0.40	0.48	0.16	10.18	12.6	24	7.16	30.7
1767	Soil	0.006	0.10	1.76	65.4	33	0.30	0.38	0.21	0.29	13.28	12.6	28	6.40	31.5
1768	Soil	0.008	0.20	2.04	41.9	22	0.32	0.40	0.30	0.09	11.99	10.4	32	6.67	27.3
1769	Soil	0.007	0.06	1.44	22.9	25	0.25	0.26	0.66	0.23	12.29	10.3	25	2.47	21.2
1770	Soil	0.019	0.07	1.14	72.1	19	0.15	0.39	0.01	0.09	14.49	9.0	21	0.80	26.6
1771	Soil	0.025	0.15	1.18	92.9	26	0.09	0.40	0.01	0.12	15.53	9.3	23	1.00	22.9
1772	Soil	0.013	0.09	0.78	43.8	22	0.12	0.31	0.01	0.11	13.57	5.7	13	0.86	16.5
1773	Soil	0.011	0.22	0.70	30.1	50	0.18	0.30	0.20	0.24	10.46	8.4	15	2.01	22.6
1774	Soil	0.010	0.26	1.64	48.0	24	0.23	0.43	0.01	0.10	18.09	12.4	26	1.92	31.0
1775	Soil	0.014	0.12	2.09	21.5	27	0.48	0.55	0.04	0.09	14.77	24.6	34	4.97	64.5
1776	Soil	0.082	0.07	0.69	2.3	13	0.11	0.19	0.01	0.05	9.58	6.7	12	3.08	19.6
1777	Soil	0.087	0.08	1.99	7.9	17	0.37	0.57	0.11	0.11	25.19	25.7	37	2.63	57.3
1778	Soil	<0.005	0.12	1.92	23.9	28	0.57	0.79	0.05	0.14	20.89	38.6	29	4.60	68.2
1779	Soil	0.033	0.17	1.61	30.3	18	0.21	0.85	0.02	0.12	17.32	19.5	27	2.41	55.0
1780	Soil	0.036	0.14	1.02	17.4	18	0.28	0.48	0.06	0.07	12.54	12.3	16	3.41	38.4
1781	Soil	0.042	0.17	1.75	10.7	48	0.46	0.52	0.22	0.09	12.22	11.6	27	4.77	36.0
1782	Soil	0.040	0.18	1.46	9.3	32	0.25	0.37	0.06	0.07	15.04	8.0	20	2.46	25.9
1783	Soil	0.015	0.07	2.04	16.3	17	0.25	0.59	0.06	0.08	22.76	16.5	33	1.81	32.1
1784	Soil	0.048	0.15	1.14	75.9	31	0.36	0.57	0.01	0.09	19.29	10.9	17	0.92	35.6
1785	Soil	0.034	0.12	0.98	18.6	24	0.24	0.45	0.01	0.06	12.35	4.7	16	1.65	22.4
1786	Soil	0.005	0.14	0.51	6.5	26	0.15	0.17	0.03	0.09	5.92	1.9	8	0.82	12.9
1787	Soil	<0.005	0.15	0.80	18.0	19	0.17	0.33	0.01	0.05	6.02	2.3	13	1.64	28.6
1788	Soil	0.006	0.64	0.47	1473.7	25	0.46	0.53	0.04	0.14	15.15	12.1	5	3.33	33.3
1789	Soil	0.010	0.19	0.65	288.3	21	0.42	0.54	0.02	0.18	15.52	12.5	12	2.58	38.2
1790	Soil	0.023	0.14	1.00	263.8	26	0.18	0.34	<0.01	0.04	13.76	5.0	14	1.27	24.8
1791	Soil	<0.005	0.43	1.02	1058.8	38	0.27	0.36	0.01	0.15	21.91	12.2	19	1.49	23.0
1792	Soil	0.009	0.27	0.30	56.7	20	0.08	0.07	0.02	0.15	3.36	2.0	4	0.75	6.5
1793	Soil	0.165	0.59	0.57	501.9	23	0.17	0.18	0.02	0.10	11.63	4.1	5	1.03	14.7
1794	Soil	0.036	0.18	0.93	186.0	36	0.16	0.29	0.02	0.07	25.25	5.3	12	1.53	19.0
1795	Soil	0.093	0.31	0.62	146.2	23	0.33	0.40	0.01	0.10	21.32	12.3	11	1.95	28.2
1796	Soil	0.046	0.15	0.87	83.4	29	0.59	0.39	0.05	0.10	15.08	14.3	14	1.76	33.0
1797	Soil	0.060	0.14	0.54	231.4	25	0.29	0.26	0.06	0.11	10.40	9.4	9	1.29	22.8
1798	Soil	0.055	0.39	0.90	459.9	32	0.64	0.39	0.23	0.16	13.74	13.2	16	2.33	43.1
1799	Soil	0.032	0.07	0.63	60.4	45	0.19	0.21	0.02	0.15	18.69	6.2	11	0.70	13.7
1800	Soil	0.030	0.12	0.79	55.8	24	0.21	0.31	<0.01	0.10	26.16	6.2	13	1.03	19.0
1801	Soil	0.034	0.23	1.23	58.7	22	0.50	0.39	0.06	0.23	22.05	14.4	18	2.16	37.6

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1802	Soil	0.014	0.23	0.77	99.8	19	0.19	0.35	0.05	0.18	32.91	8.1	14	1.15	21.2
1803	Soil	0.012	0.12	0.57	42.0	30	0.12	0.41	0.06	0.19	28.41	5.9	11	0.75	15.9
1804	Soil	0.012	0.13	0.88	29.6	23	0.17	0.33	0.02	0.19	32.13	7.9	15	2.25	20.1
1805	Soil	0.011	0.10	0.46	15.8	24	0.11	0.31	0.01	0.11	19.47	2.4	7	0.59	13.3
1806	Soil	0.009	0.14	0.97	35.5	31	0.24	0.49	0.05	0.12	22.97	6.8	16	1.34	26.6
1807	Soil	0.009	0.46	0.79	32.0	25	0.34	0.32	<0.01	0.10	22.83	6.7	12	0.93	28.8
1808	Soil	0.012	0.16	0.40	120.0	22	0.18	0.17	0.02	0.24	17.96	8.4	6	0.92	11.4
1809	Soil	0.011	0.08	0.78	113.2	32	0.19	0.29	0.02	0.18	35.84	6.1	12	0.64	14.5
1810	Soil	0.016	0.15	0.90	86.3	26	0.17	0.36	0.02	0.23	28.18	6.3	15	0.60	15.4
1811	Soil	0.041	0.06	0.24	177.6	15	0.15	0.15	0.02	0.31	17.93	7.5	10	0.83	12.4
1812	Soil	0.033	0.44	1.07	184.4	21	0.50	0.30	0.46	0.40	9.47	16.7	16	1.68	37.1
1813	Soil	0.009	0.42	0.87	104.7	43	0.35	0.36	0.04	0.63	17.55	6.9	15	0.93	30.6
1814	Soil	0.021	0.21	0.75	230.4	25	0.37	0.47	0.06	0.14	38.82	21.7	15	1.19	51.0
1815	Soil	0.057	0.23	1.17	25.1	29	0.29	0.26	0.52	0.09	18.33	10.8	18	0.56	23.3
1816	Soil	0.012	0.14	1.24	39.8	69	0.41	0.39	0.53	0.16	20.66	9.7	18	0.83	39.2
1817	Soil	0.012	0.04	1.41	37.9	35	0.26	0.30	0.07	0.08	43.20	10.6	22	0.41	18.5
1818	Soil	0.012	0.07	1.43	34.6	46	0.33	0.27	0.24	0.06	24.56	9.7	21	0.55	19.3
1819	Soil	0.005	0.12	1.33	53.3	53	0.33	0.32	0.25	0.22	26.53	12.6	20	0.88	21.4
1820	Soil	<0.005	0.39	0.78	252.4	29	0.53	0.56	0.03	0.37	30.78	22.1	16	3.14	56.6
1821	Soil	0.007	0.60	0.97	272.9	29	0.61	0.67	0.04	0.45	24.63	24.9	18	3.68	64.1
1822	Soil	0.028	0.33	0.93	213.9	30	0.51	0.55	0.03	0.23	14.33	20.9	16	4.10	52.2
1823	Soil	0.007	0.45	1.24	104.1	30	0.57	0.52	0.04	0.29	25.46	19.9	21	4.38	51.0
1824	Soil	0.009	0.25	1.35	113.1	23	0.50	0.58	0.06	0.61	24.80	25.3	24	2.57	60.0
1825	Soil	0.006	0.20	1.24	43.4	34	0.36	0.30	0.06	0.23	12.52	12.5	17	2.18	30.7
1826	Soil	0.068	0.25	1.39	98.6	34	0.45	0.46	0.12	0.59	16.89	18.0	24	2.31	44.2
1827	Soil	0.010	0.23	0.96	106.6	22	0.46	0.46	0.20	0.13	24.06	14.0	17	4.16	42.3
1828	Soil	<0.005	0.21	1.72	38.8	31	0.45	0.43	0.06	0.22	20.18	13.8	28	5.07	36.1
1829	Soil	0.044	0.23	1.21	34.3	31	0.24	0.36	0.03	0.12	17.54	7.8	22	1.58	25.2
1830	Soil	<0.005	0.09	1.07	33.3	21	0.13	0.31	0.01	0.08	18.31	7.6	19	1.25	20.4
1831	Soil	0.008	0.11	0.92	8.4	49	0.24	0.28	0.16	0.08	12.92	6.5	15	6.29	16.4
1832	Soil	<0.005	0.07	1.13	23.7	43	0.24	0.29	0.24	0.08	18.32	7.2	19	4.60	10.5
1833	Soil	0.204	0.24	1.12	43.8	39	0.20	0.34	0.12	0.18	21.16	7.9	19	1.49	18.6
1834	Soil	0.135	0.20	1.52	95.9	58	0.40	0.38	0.06	0.19	24.63	8.9	24	10.11	17.6
1835	Soil	0.264	0.12	1.09	21.9	28	0.15	0.33	0.01	0.08	26.13	5.9	17	1.88	18.6
1836	Soil	0.016	0.09	2.08	36.0	36	0.60	0.43	0.17	0.13	31.58	17.5	33	1.84	28.9
1837	Soil	<0.005	0.06	1.40	27.1	42	0.25	0.42	0.25	0.25	26.41	11.2	25	2.67	25.5
1838	Soil	0.006	0.08	0.78	16.0	17	0.17	0.16	0.03	0.06	9.53	4.7	8	1.62	15.6
1839	Soil	0.062	0.26	1.39	533.0	34	0.23	0.44	0.01	0.37	20.89	11.1	25	3.18	36.8
1840	Soil	0.006	0.08	1.96	44.7	15	0.26	0.40	0.02	0.14	16.81	11.8	34	3.38	46.4
1841	Soil	<0.005	0.10	1.70	42.3	27	0.36	0.51	0.08	0.25	17.22	13.7	27	4.30	38.0

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1842	Soil	<0.005	0.09	1.22	5.0	20	0.13	0.19	0.02	0.11	11.73	6.6	19	2.64	17.4
1843	Soil	0.008	0.10	2.13	20.2	27	0.47	0.56	0.08	0.11	29.43	21.2	37	2.68	56.2
1844	Soil	0.021	0.06	2.03	16.7	27	0.40	0.51	0.05	0.09	27.64	18.4	35	3.08	52.8
1845	Soil	<0.005	0.11	2.31	14.2	24	0.55	0.72	0.09	0.09	24.15	21.3	40	2.67	66.6
1846	Soil	<0.005	0.10	1.95	10.1	17	0.41	0.45	0.03	0.09	11.44	22.3	32	4.14	56.8
1847	Soil	0.008	0.08	2.02	7.0	14	0.38	0.45	0.08	0.11	24.38	19.8	36	1.47	61.7
1848	Soil	0.010	0.06	2.14	16.7	25	0.35	0.44	0.03	0.05	32.80	13.0	33	2.05	37.9
1849	Soil	<0.005	0.09	2.36	6.2	12	0.37	0.46	0.09	0.12	62.41	23.5	41	1.45	77.5
1850	Soil	0.007	0.17	1.18	25.3	26	0.19	0.37	<0.01	0.06	37.27	7.2	17	1.48	16.1

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
479	Soil	3.83	4.56	<0.05	0.06	0.02	0.03	9.4	34.2	0.43	574	0.81	<0.01	0.64	27.8
480	Soil	5.01	5.78	<0.05	0.06	0.03	0.03	8.0	37.0	0.49	1532	1.07	<0.01	0.57	31.7
481	Soil	4.62	5.62	<0.05	0.14	0.03	0.03	7.6	44.1	0.60	720	0.88	<0.01	0.40	29.7
482	Soil	4.86	6.26	<0.05	0.14	0.05	0.03	9.4	64.9	0.87	1524	0.77	<0.01	0.17	44.5
483	Soil	3.55	5.51	<0.05	0.10	0.02	0.02	7.1	45.3	0.63	748	0.51	0.01	0.20	30.2
484	Soil	4.66	6.97	<0.05	0.09	0.03	0.02	13.9	63.0	1.03	650	0.62	<0.01	<0.05	52.6
485	Soil	4.40	6.70	<0.05	0.13	0.03	0.02	9.4	60.5	0.90	591	0.62	<0.01	0.08	42.7
486	Soil	4.59	6.64	<0.05	0.09	0.03	0.02	12.1	63.1	0.96	572	0.58	<0.01	<0.05	48.4
487	Soil	4.06	6.08	<0.05	0.14	0.03	0.02	9.6	51.3	0.82	1326	0.53	<0.01	0.11	39.9
488	Soil	3.74	5.65	<0.05	0.12	0.03	0.02	6.2	52.2	0.79	375	0.46	<0.01	0.07	37.0
489	Soil	3.10	5.09	<0.05	0.10	0.02	0.02	5.5	43.1	0.61	366	0.53	0.01	0.18	26.8
490	Soil	3.91	6.68	<0.05	0.09	0.02	0.02	8.5	75.5	0.87	339	0.43	<0.01	0.11	38.7
491	Soil	4.22	6.32	<0.05	0.11	0.03	0.02	12.5	74.8	0.88	574	0.47	<0.01	0.10	42.5
492	Soil	3.14	5.31	<0.05	0.11	0.02	0.02	7.6	52.3	0.66	263	0.49	0.01	0.25	29.8
493	Soil	2.64	4.90	<0.05	0.12	0.02	0.02	6.2	42.1	0.50	526	0.42	0.01	0.26	22.4
494	Soil	3.84	5.70	<0.05	0.04	0.03	0.03	17.6	58.6	0.68	418	0.53	<0.01	0.45	37.1
495	Soil	3.82	4.95	<0.05	0.03	0.02	0.02	15.4	44.6	0.54	332	0.51	<0.01	0.16	33.1
496	Soil	2.51	3.67	<0.05	<0.02	0.02	0.02	7.9	19.5	0.25	229	0.44	0.01	0.23	17.2
497	Soil	3.75	4.99	<0.05	0.13	0.03	0.03	8.6	53.5	0.64	774	0.68	<0.01	0.07	39.6
498	Soil	4.09	7.24	<0.05	0.07	0.03	0.02	10.2	59.5	0.72	437	0.57	<0.01	0.17	34.8
499	Soil	4.27	6.46	<0.05	0.05	0.03	0.01	10.8	75.1	0.86	534	0.47	<0.01	<0.05	45.4
500	Soil	3.39	5.61	<0.05	0.06	0.02	0.02	8.6	58.9	0.69	453	0.44	0.01	0.07	36.9
1664	Soil	3.25	4.19	<0.05	<0.02	0.02	0.03	14.3	7.4	0.10	262	0.67	<0.01	0.48	22.8
1665	Soil	4.21	5.23	<0.05	<0.02	0.03	0.03	16.7	28.5	0.34	302	0.90	<0.01	0.57	25.6
1666	Soil	2.88	2.82	<0.05	<0.02	0.03	0.03	8.5	11.7	0.15	619	0.72	0.02	0.14	30.9
1667	Soil	2.65	5.61	<0.05	<0.02	0.02	0.03	16.0	21.6	0.26	258	0.66	<0.01	0.20	17.3
1668	Soil	2.27	4.96	<0.05	<0.02	0.01	0.02	16.1	4.4	0.05	175	0.54	<0.01	0.32	9.1
1669	Soil	2.16	3.49	<0.05	<0.02	<0.01	0.02	10.5	2.9	0.03	279	0.49	0.01	0.18	12.2
1670	Soil	3.66	4.51	<0.05	0.07	0.02	0.03	13.3	36.2	0.44	429	0.58	<0.01	0.30	31.9
1671	Soil	3.03	3.45	<0.05	0.03	0.02	0.03	16.1	12.9	0.15	244	0.48	<0.01	0.24	24.3
1672	Soil	3.66	4.32	<0.05	<0.02	0.02	0.03	12.9	12.1	0.15	319	0.57	<0.01	0.44	21.8
1673	Soil	3.12	2.70	<0.05	<0.02	0.03	0.03	21.2	8.5	0.08	308	0.49	<0.01	0.14	26.4
1674	Soil	3.19	2.27	<0.05	<0.02	0.02	0.03	14.4	5.9	0.07	298	0.81	0.01	0.19	21.2
1675	Soil	2.70	1.31	<0.05	<0.02	0.02	0.02	25.9	5.9	0.08	221	0.49	<0.01	0.06	32.7
1676	Soil	3.23	4.86	<0.05	0.36	0.02	0.02	15.1	9.3	0.12	276	0.64	<0.01	0.57	16.1
1677	Soil	3.80	4.71	<0.05	0.09	0.02	0.02	14.6	14.0	0.19	223	0.67	<0.01	0.60	17.5
1678	Soil	4.04	5.96	<0.05	0.06	0.03	0.02	13.6	38.5	0.49	403	0.50	<0.01	0.38	30.1
1679	Soil	3.91	4.64	<0.05	0.03	0.02	0.03	18.9	34.5	0.47	330	0.62	<0.01	0.50	29.0
1680	Soil	3.67	5.21	<0.05	0.02	0.02	0.03	15.9	12.0	0.16	201	0.62	<0.01	0.56	17.4
1681	Soil	2.38	3.87	<0.05	<0.02	0.01	0.02	20.5	3.9	0.06	219	0.60	<0.01	0.66	12.6

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1682	Soil	2.29	4.85	<0.05	0.02	0.01	0.02	21.9	2.5	0.05	132	0.55	<0.01	0.79	13.3
1683	Soil	2.06	1.32	<0.05	0.05	0.01	0.02	10.6	8.1	0.13	412	0.37	<0.01	0.16	22.2
1684	Soil	1.18	0.66	<0.05	<0.02	<0.01	0.01	16.5	0.3	<0.01	107	0.29	<0.01	0.08	5.4
1685	Soil	1.76	1.19	<0.05	0.03	0.01	0.02	8.3	3.7	0.05	306	0.57	<0.01	0.11	12.8
1686	Soil	2.22	1.34	<0.05	0.13	0.02	0.02	8.7	5.8	0.10	491	0.50	<0.01	0.13	22.0
1687	Soil	2.25	1.35	<0.05	0.16	0.02	0.02	6.9	7.3	0.14	815	0.42	<0.01	0.13	23.1
1688	Soil	3.06	3.31	<0.05	0.13	0.03	0.04	8.6	30.1	0.35	587	0.72	<0.01	0.21	29.8
1689	Soil	3.08	3.88	<0.05	0.02	0.02	0.03	14.9	28.4	0.32	327	0.53	<0.01	0.32	25.6
1690	Soil	3.62	4.95	<0.05	0.02	0.02	0.03	21.6	20.6	0.29	207	0.54	<0.01	0.42	20.0
1691	Soil	2.97	4.42	<0.05	0.05	0.02	0.03	13.9	27.6	0.30	302	0.47	0.01	0.31	25.7
1692	Soil	3.33	3.65	<0.05	0.09	0.02	0.03	12.2	38.0	0.45	414	0.54	<0.01	0.13	34.2
1693	Soil	2.22	3.17	<0.05	0.09	0.01	0.02	5.5	20.7	0.26	330	0.45	0.02	0.30	22.4
1694	Soil	4.65	2.85	<0.05	0.07	0.02	0.03	8.7	23.1	0.27	1444	0.63	<0.01	0.20	45.0
1695	Soil	3.03	3.37	<0.05	0.04	0.02	0.03	12.4	29.5	0.42	488	0.34	<0.01	0.28	29.4
1696	Soil	2.93	3.47	<0.05	0.08	0.02	0.04	12.3	35.6	0.53	434	0.40	<0.01	0.30	31.5
1697	Soil	3.08	3.81	<0.05	0.08	0.02	0.04	16.4	41.5	0.55	369	0.40	<0.01	0.36	29.7
1698	Soil	3.16	4.30	<0.05	0.12	0.02	0.04	16.4	44.2	0.60	467	0.31	<0.01	0.39	28.7
1699	Soil	3.42	4.18	<0.05	0.05	0.02	0.04	21.4	43.4	0.61	469	0.32	<0.01	0.20	32.0
1700	Soil	3.49	4.45	<0.05	0.08	0.02	0.06	18.0	47.7	0.63	402	0.32	<0.01	0.26	36.3
1701	Soil	3.46	4.37	<0.05	0.05	0.02	0.05	21.1	42.6	0.59	527	0.34	<0.01	0.18	32.4
1702	Soil	3.18	4.04	<0.05	0.11	0.02	0.04	11.0	41.6	0.57	497	0.36	<0.01	0.28	31.0
1703	Soil	3.72	5.18	<0.05	0.05	0.02	0.02	17.6	36.2	0.45	314	0.56	<0.01	0.35	30.5
1704	Soil	3.63	4.74	<0.05	0.04	0.02	0.02	12.9	31.1	0.44	644	0.64	<0.01	0.33	26.1
1705	Soil	3.85	5.83	<0.05	0.06	0.02	0.04	16.8	42.2	0.59	643	0.58	<0.01	0.35	35.6
1706	Soil	4.27	5.75	<0.05	0.06	0.02	0.03	17.8	50.0	0.69	469	0.50	<0.01	0.19	36.9
1707	Soil	2.32	4.16	<0.05	0.02	0.02	0.03	9.8	18.2	0.26	146	0.64	0.02	0.29	14.3
1708	Soil	4.30	5.58	<0.05	0.07	0.03	0.04	16.5	45.4	0.58	394	0.91	<0.01	0.28	35.1
1709	Soil	4.13	4.25	<0.05	0.06	0.03	0.03	25.7	30.2	0.39	117	0.78	<0.01	<0.05	16.6
1710	Soil	4.38	5.86	<0.05	0.42	0.02	0.02	10.0	37.7	0.53	361	0.85	<0.01	0.31	26.6
1711	Soil	3.80	5.11	<0.05	0.10	0.02	0.02	12.9	58.3	0.70	276	0.81	<0.01	<0.05	28.8
1712	Soil	4.20	5.83	<0.05	0.16	0.02	0.04	8.0	67.9	0.81	400	0.58	<0.01	<0.05	36.7
1713	Soil	4.89	5.45	<0.05	0.06	0.03	0.02	13.0	41.5	0.60	256	1.13	<0.01	<0.05	27.7
1714	Soil	3.71	5.84	<0.05	0.10	0.02	0.03	10.2	32.6	0.43	963	0.60	<0.01	0.45	30.2
1715	Soil	3.33	4.76	<0.05	0.03	0.02	0.02	12.3	13.5	0.21	263	0.62	<0.01	0.48	16.4
1716	Soil	2.58	3.12	<0.05	0.04	0.02	0.02	9.3	14.3	0.21	216	0.40	<0.01	0.12	12.2
1717	Soil	3.08	4.71	<0.05	0.04	0.02	0.03	7.0	25.1	0.33	413	0.49	<0.01	0.21	18.1
1718	Soil	2.56	5.77	<0.05	<0.02	0.01	0.02	13.5	20.7	0.33	258	0.51	<0.01	0.42	14.4
1719	Soil	2.40	5.30	<0.05	<0.02	0.01	0.03	7.5	7.4	0.12	135	0.54	0.01	0.62	10.5
1720	Soil	0.74	1.87	<0.05	0.02	<0.01	0.02	3.3	1.7	0.03	50	0.23	0.02	0.19	4.9
1721	Soil	3.42	4.96	<0.05	0.08	0.02	0.02	14.9	45.0	0.59	288	0.39	<0.01	0.14	28.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1722	Soil	4.20	3.83	<0.05	0.03	0.02	0.02	15.4	29.9	0.43	344	0.55	<0.01	0.10	37.6
1723	Soil	3.43	4.89	<0.05	0.04	0.02	0.03	18.4	29.5	0.45	232	0.54	<0.01	0.18	23.6
1724	Soil	3.66	5.44	<0.05	0.04	0.02	0.03	17.7	28.6	0.37	224	0.48	<0.01	0.41	21.6
1725	Soil	1.33	3.08	<0.05	0.05	<0.01	0.03	6.5	1.6	0.02	32	0.60	0.02	0.37	3.6
1726	Soil	3.65	3.92	<0.05	0.09	0.02	0.03	13.6	38.4	0.51	248	0.46	<0.01	0.15	32.7
1727	Soil	2.89	3.01	<0.05	0.07	0.02	0.03	7.1	19.7	0.28	261	0.63	<0.01	0.17	22.8
1728	Soil	2.84	4.22	<0.05	0.13	0.02	0.04	7.7	31.8	0.45	405	0.45	0.01	0.19	25.3
1729	Soil	3.39	4.66	<0.05	0.16	0.02	0.05	8.9	43.0	0.62	370	0.63	<0.01	0.11	33.6
1730	Soil	3.61	4.81	<0.05	0.16	0.02	0.06	10.2	46.8	0.67	479	0.50	<0.01	0.07	36.6
1731	Soil	3.58	4.75	<0.05	0.17	0.02	0.05	9.8	44.9	0.63	464	0.58	<0.01	0.12	34.5
1732	Soil	3.62	4.73	<0.05	0.16	0.02	0.06	10.5	45.1	0.67	498	0.61	<0.01	0.09	36.2
1733	Soil	3.76	5.27	<0.05	0.15	0.02	0.06	14.6	50.8	0.69	544	0.47	<0.01	0.06	37.4
1734	Soil	3.62	5.10	<0.05	0.14	0.02	0.04	11.5	47.4	0.70	469	0.46	<0.01	0.09	34.6
1735	Soil	3.03	4.71	<0.05	0.09	0.02	0.03	9.8	40.6	0.55	348	0.36	0.02	0.20	27.3
1736	Soil	3.97	5.72	<0.05	0.10	0.02	0.01	6.1	56.7	0.86	540	0.44	<0.01	<0.05	42.3
1737	Soil	0.77	1.32	<0.05	<0.02	<0.01	0.02	2.0	3.0	0.05	76	0.17	0.02	0.08	5.0
1738	Soil	4.35	6.07	<0.05	0.08	0.03	0.02	8.8	56.6	0.76	541	0.47	<0.01	0.18	43.3
1739	Soil	4.13	5.40	<0.05	0.07	0.03	0.02	13.8	49.4	0.65	445	0.49	<0.01	0.25	38.3
1740	Soil	1.69	3.60	<0.05	<0.02	0.01	0.02	6.4	10.0	0.13	162	0.52	0.02	0.21	8.9
1741	Soil	3.19	4.47	<0.05	0.07	0.02	0.02	11.5	40.8	0.52	269	0.51	<0.01	0.17	31.1
1742	Soil	4.15	4.92	<0.05	0.05	0.02	0.02	16.6	48.4	0.61	316	0.66	<0.01	0.17	37.5
1743	Soil	3.42	4.73	<0.05	0.03	0.02	0.03	17.4	26.8	0.32	335	0.61	<0.01	0.50	27.1
1744	Soil	3.46	4.27	<0.05	0.45	0.02	0.02	7.6	30.9	0.41	340	0.57	<0.01	0.26	28.2
1745	Soil	3.25	4.29	<0.05	0.11	0.02	0.02	10.8	18.5	0.25	363	0.63	<0.01	0.52	21.8
1746	Soil	3.86	4.16	<0.05	0.13	0.02	0.03	12.5	43.0	0.54	447	0.50	<0.01	0.14	37.4
1747	Soil	3.99	4.28	<0.05	0.08	0.02	0.03	12.9	32.0	0.43	591	0.68	<0.01	0.36	43.9
1748	Soil	3.95	5.88	<0.05	0.09	0.02	0.03	16.2	41.8	0.51	397	0.63	<0.01	0.36	31.9
1749	Soil	3.43	5.45	<0.05	0.04	0.02	0.02	19.2	21.5	0.32	358	0.75	<0.01	0.86	28.6
1750	Soil	4.13	5.79	<0.05	0.05	0.02	0.03	13.1	40.4	0.57	404	0.94	<0.01	0.46	36.5
1751	Soil	3.72	6.08	<0.05	0.06	0.02	0.04	15.5	16.1	0.26	926	0.81	<0.01	0.46	18.3
1752	Soil	3.59	5.27	<0.05	0.04	0.02	0.03	14.8	26.7	0.41	346	0.70	<0.01	0.48	22.4
1753	Soil	4.10	6.00	<0.05	0.12	0.02	0.02	11.5	52.1	0.71	431	0.50	<0.01	0.22	34.9
1754	Soil	3.25	4.60	<0.05	0.02	0.02	0.03	8.2	8.7	0.13	1128	0.65	<0.01	0.25	15.8
1755	Soil	3.79	3.06	<0.05	0.07	0.02	0.03	13.0	13.0	0.19	242	1.25	<0.01	0.31	21.8
1756	Soil	4.30	5.96	<0.05	0.08	0.05	0.03	13.7	59.5	0.75	357	0.66	<0.01	0.12	37.0
1757	Soil	2.74	6.42	<0.05	0.04	0.01	0.02	17.4	24.3	0.35	278	0.41	<0.01	0.25	16.8
1758	Soil	3.73	2.71	<0.05	0.04	0.03	0.03	8.0	20.6	0.29	1006	1.23	<0.01	0.08	37.9
1759	Soil	3.61	2.40	<0.05	0.04	0.02	0.03	6.5	13.9	0.23	860	1.79	<0.01	0.10	36.1
1760	Soil	3.38	1.86	<0.05	<0.02	0.02	0.03	7.4	3.3	0.06	541	4.65	<0.01	0.08	44.5
1761	Soil	3.96	5.00	<0.05	0.03	0.02	0.02	4.4	13.3	0.21	1694	0.88	0.01	0.30	18.4

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Vol 6-112

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1762	Soil	4.74	5.16	<0.05	0.10	0.04	0.03	6.1	43.2	0.62	1101	1.16	<0.01	0.22	39.7
1763	Soil	3.90	5.10	<0.05	0.15	0.04	0.04	5.1	44.5	0.66	1075	0.99	<0.01	0.19	34.1
1764	Soil	3.25	4.93	<0.05	0.24	0.03	0.03	5.3	42.3	0.62	636	0.86	<0.01	0.19	30.1
1765	Soil	3.45	5.48	<0.05	0.16	0.02	0.02	4.7	47.7	0.76	476	0.85	<0.01	0.13	31.0
1766	Soil	3.38	4.89	<0.05	0.11	0.02	0.03	5.3	37.5	0.56	635	1.19	<0.01	0.51	30.7
1767	Soil	3.74	5.44	<0.05	0.12	0.02	0.03	6.4	53.8	0.75	545	0.79	<0.01	0.29	35.6
1768	Soil	3.99	6.06	<0.05	0.18	0.02	0.02	6.6	60.2	0.89	315	0.55	<0.01	0.11	38.7
1769	Soil	3.02	4.34	<0.05	0.08	0.02	0.02	6.3	43.0	0.61	270	0.56	<0.01	0.10	30.7
1770	Soil	3.62	4.91	<0.05	0.07	0.02	0.02	7.7	23.6	0.36	273	0.55	<0.01	0.27	24.7
1771	Soil	4.26	5.54	<0.05	<0.02	0.02	0.02	8.3	27.0	0.43	382	0.63	<0.01	0.40	24.9
1772	Soil	2.43	4.26	<0.05	0.03	0.02	0.02	7.4	13.3	0.20	193	0.54	0.01	0.22	13.8
1773	Soil	2.15	3.86	<0.05	<0.02	0.02	0.03	5.9	11.9	0.19	1052	0.65	0.01	0.13	15.0
1774	Soil	4.39	5.29	<0.05	0.06	0.02	0.02	9.1	40.1	0.61	387	0.51	<0.01	0.39	33.0
1775	Soil	4.54	7.21	<0.05	0.11	0.04	0.02	6.7	62.9	0.89	954	0.68	<0.01	0.06	42.0
1776	Soil	1.67	2.57	<0.05	<0.02	0.01	0.02	4.7	16.7	0.25	261	0.34	0.02	0.08	14.1
1777	Soil	4.33	6.58	<0.05	0.06	0.03	0.01	11.6	69.3	0.91	494	0.47	<0.01	<0.05	46.8
1778	Soil	4.51	6.12	<0.05	0.53	0.04	0.02	8.7	62.3	0.84	1893	0.78	<0.01	0.15	50.5
1779	Soil	4.56	5.74	<0.05	0.20	0.03	0.02	9.0	49.2	0.66	720	0.92	<0.01	0.14	38.9
1780	Soil	2.74	3.31	<0.05	0.09	0.02	0.02	6.4	26.6	0.36	333	0.66	0.02	0.13	25.9
1781	Soil	3.49	5.77	<0.05	0.17	0.03	0.02	6.6	50.9	0.67	399	0.59	0.01	0.17	34.8
1782	Soil	2.86	5.03	<0.05	0.11	0.02	0.02	7.5	38.0	0.49	229	0.51	0.01	0.19	25.5
1783	Soil	4.21	7.09	<0.05	0.17	0.02	0.02	11.8	57.1	0.80	543	0.61	<0.01	0.22	36.9
1784	Soil	3.03	3.28	<0.05	0.06	0.02	0.03	10.4	31.4	0.37	294	0.53	<0.01	0.09	25.7
1785	Soil	2.64	3.97	<0.05	0.03	0.02	0.02	7.0	18.8	0.26	182	0.81	<0.01	0.34	15.1
1786	Soil	1.09	2.24	<0.05	0.04	<0.01	0.02	3.3	5.1	0.08	76	0.61	0.02	0.16	5.6
1787	Soil	2.12	3.45	<0.05	0.04	0.01	0.02	3.6	14.2	0.18	156	0.85	0.01	0.24	7.5
1788	Soil	2.47	1.41	<0.05	0.03	0.02	0.03	8.2	2.8	0.04	432	0.52	0.01	0.14	20.7
1789	Soil	3.56	2.37	<0.05	0.08	0.02	0.03	8.8	9.9	0.15	270	1.04	<0.01	0.13	28.2
1790	Soil	3.18	3.83	<0.05	0.04	0.02	0.02	8.0	20.4	0.31	192	0.74	<0.01	0.11	16.9
1791	Soil	3.68	3.38	<0.05	0.03	0.02	0.04	11.2	17.1	0.25	433	1.14	<0.01	0.47	26.1
1792	Soil	0.57	1.92	<0.05	0.03	<0.01	0.02	1.7	0.7	0.02	198	0.52	0.03	0.13	3.7
1793	Soil	1.35	1.86	<0.05	0.03	<0.01	0.02	6.4	1.0	0.02	63	0.53	0.02	0.30	10.3
1794	Soil	2.70	4.40	<0.05	<0.02	0.01	0.02	14.2	12.8	0.16	161	0.68	<0.01	0.27	14.3
1795	Soil	2.92	2.03	<0.05	0.02	0.02	0.02	11.9	13.0	0.16	339	0.63	<0.01	0.08	28.4
1796	Soil	3.55	2.44	<0.05	0.04	0.02	0.02	8.6	18.9	0.24	349	0.57	<0.01	0.11	35.5
1797	Soil	2.29	2.05	<0.05	0.05	0.01	0.02	5.8	8.9	0.13	223	0.52	0.01	0.17	22.0
1798	Soil	3.17	2.65	<0.05	0.10	0.02	0.03	7.8	19.7	0.28	360	0.82	<0.01	0.13	33.6
1799	Soil	2.16	3.16	<0.05	<0.02	<0.01	0.03	9.9	8.8	0.13	200	0.69	0.02	0.43	13.5
1800	Soil	3.23	5.25	<0.05	<0.02	0.01	0.03	14.4	10.3	0.14	142	0.66	0.01	0.43	13.4
1801	Soil	3.44	4.53	<0.05	0.03	0.02	0.03	12.2	35.4	0.38	260	0.72	<0.01	0.26	31.3

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1802	Soil	2.89	5.12	<0.05	<0.02	0.01	0.03	17.5	15.4	0.22	232	0.63	<0.01	0.54	17.5
1803	Soil	2.70	5.85	<0.05	<0.02	0.01	0.03	15.5	6.8	0.11	170	0.71	<0.01	0.76	11.9
1804	Soil	2.56	5.61	<0.05	<0.02	0.01	0.03	17.7	20.6	0.25	210	0.88	0.01	0.77	17.0
1805	Soil	1.52	4.39	<0.05	<0.02	<0.01	0.02	11.4	4.7	0.05	47	0.65	0.01	0.40	5.6
1806	Soil	3.03	4.52	<0.05	0.04	0.02	0.03	12.7	27.2	0.35	204	0.93	<0.01	0.39	19.6
1807	Soil	3.20	4.37	<0.05	0.02	0.02	0.02	13.0	11.0	0.13	100	0.72	0.01	0.35	16.2
1808	Soil	1.55	1.84	<0.05	<0.02	<0.01	0.02	9.0	5.3	0.06	104	0.50	0.01	0.27	18.0
1809	Soil	2.62	4.67	<0.05	<0.02	0.01	0.02	18.9	15.2	0.18	137	0.63	<0.01	0.42	14.7
1810	Soil	3.56	4.91	<0.05	<0.02	0.02	0.03	14.8	15.4	0.21	226	0.78	<0.01	0.97	15.1
1811	Soil	1.90	1.93	<0.05	<0.02	0.01	0.02	9.1	1.4	0.02	344	1.08	0.01	0.09	20.0
1812	Soil	2.84	2.52	<0.05	0.61	0.02	0.02	6.3	26.3	0.31	817	0.70	0.01	0.15	38.2
1813	Soil	2.19	4.06	<0.05	0.16	0.02	0.02	10.8	15.1	0.15	165	0.73	<0.01	0.33	18.8
1814	Soil	3.72	2.66	<0.05	0.05	0.02	0.02	23.7	20.1	0.25	246	0.61	<0.01	0.06	42.4
1815	Soil	2.54	3.30	<0.05	0.16	0.02	0.02	9.7	34.7	0.49	211	0.48	<0.01	0.29	24.1
1816	Soil	2.48	4.27	<0.05	0.13	0.02	0.04	10.1	27.7	0.39	321	0.75	0.02	0.57	22.0
1817	Soil	3.06	4.77	<0.05	0.05	0.01	0.04	21.9	40.6	0.56	360	0.37	<0.01	0.31	25.5
1818	Soil	2.80	4.41	<0.05	0.11	0.02	0.03	12.6	40.3	0.56	330	0.39	<0.01	0.32	24.8
1819	Soil	2.97	4.39	<0.05	0.08	0.02	0.04	13.5	38.8	0.49	460	0.52	<0.01	0.30	24.9
1820	Soil	3.81	2.70	<0.05	0.02	0.03	0.03	18.3	18.3	0.25	848	0.50	<0.01	0.05	44.7
1821	Soil	4.12	3.00	<0.05	0.03	0.04	0.03	14.5	22.5	0.31	791	0.59	<0.01	0.07	46.9
1822	Soil	3.44	2.95	<0.05	0.04	0.03	0.03	8.0	19.4	0.27	671	0.54	<0.01	0.09	34.7
1823	Soil	3.69	3.95	<0.05	0.04	0.03	0.03	14.9	36.3	0.46	626	0.53	<0.01	0.06	42.9
1824	Soil	4.61	4.46	<0.05	0.04	0.03	0.03	14.9	39.9	0.54	724	0.55	<0.01	0.07	53.4
1825	Soil	2.83	4.61	<0.05	0.04	0.02	0.03	7.1	18.7	0.27	690	0.50	0.02	0.27	23.4
1826	Soil	3.97	4.82	<0.05	0.07	0.03	0.04	9.7	33.3	0.50	786	0.59	<0.01	0.25	37.3
1827	Soil	3.20	3.25	<0.05	0.06	0.03	0.03	13.6	22.8	0.33	405	0.63	0.01	0.13	32.0
1828	Soil	3.37	5.97	<0.05	<0.02	0.02	0.04	9.4	30.3	0.51	621	1.23	0.02	0.51	24.9
1829	Soil	3.39	5.99	<0.05	<0.02	0.02	0.03	9.1	20.2	0.32	459	0.86	0.01	0.40	19.5
1830	Soil	2.80	4.81	<0.05	<0.02	0.02	0.02	9.8	25.2	0.38	224	0.57	0.01	0.22	21.1
1831	Soil	1.85	3.34	<0.05	0.14	0.02	0.02	6.8	17.9	0.22	232	0.47	0.02	0.34	16.3
1832	Soil	2.39	4.96	<0.05	0.02	0.02	0.02	9.6	29.3	0.40	336	0.58	0.01	0.29	17.8
1833	Soil	3.02	5.18	<0.05	0.02	0.02	0.02	11.3	23.1	0.36	304	0.47	0.01	0.22	20.0
1834	Soil	2.99	5.35	<0.05	0.07	0.04	0.03	12.2	37.5	0.50	379	0.57	0.01	0.43	24.9
1835	Soil	2.46	5.45	<0.05	0.02	0.02	0.03	14.1	18.2	0.28	217	0.55	<0.01	0.35	15.3
1836	Soil	4.15	6.10	<0.05	0.08	0.03	0.03	17.1	60.1	0.78	938	0.51	<0.01	0.20	41.9
1837	Soil	3.48	6.52	<0.05	0.06	0.03	0.03	13.2	33.0	0.46	1141	0.92	<0.01	0.24	27.5
1838	Soil	1.12	3.30	<0.05	0.03	0.01	0.02	4.8	9.8	0.14	146	0.48	0.03	0.37	8.4
1839	Soil	3.42	5.02	<0.05	0.10	0.09	0.02	10.5	39.5	0.53	674	0.61	<0.01	0.12	30.8
1840	Soil	3.89	7.17	<0.05	0.09	0.03	0.02	7.7	62.4	0.83	298	0.90	0.01	0.15	38.0
1841	Soil	3.36	5.93	<0.05	0.11	0.02	0.02	8.3	46.8	0.63	366	0.48	0.01	0.19	32.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1842	Soil	2.05	4.32	<0.05	0.04	0.02	0.02	6.0	30.2	0.42	211	0.49	0.02	0.22	19.5
1843	Soil	4.44	7.39	<0.05	0.06	0.03	0.02	14.1	69.8	0.92	489	0.55	<0.01	<0.05	50.1
1844	Soil	4.47	6.94	<0.05	0.05	0.03	0.02	13.2	65.9	0.88	452	0.56	<0.01	<0.05	49.1
1845	Soil	4.70	7.90	<0.05	0.04	0.03	0.02	10.6	70.2	1.01	434	0.61	<0.01	<0.05	52.4
1846	Soil	3.86	6.70	<0.05	0.58	0.03	0.02	4.9	61.1	0.79	647	0.64	<0.01	0.14	39.3
1847	Soil	4.31	6.74	<0.05	0.15	0.03	0.02	11.1	68.7	0.84	644	0.61	<0.01	<0.05	49.3
1848	Soil	4.40	7.30	<0.05	0.14	0.02	0.01	15.6	69.4	0.88	369	0.46	<0.01	0.06	42.8
1849	Soil	4.54	8.19	<0.05	0.15	0.03	0.01	32.1	84.6	0.98	580	0.86	<0.01	<0.05	47.9
1850	Soil	3.42	6.76	<0.05	0.08	0.01	0.03	19.9	24.1	0.28	270	0.79	<0.01	0.84	17.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
479	Soil	729	34.3	4.9	<0.01	0.04	1.47	1.0	0.4	0.3	6.9	0.01	0.08	2.2	0.010
480	Soil	1381	60.7	4.6	<0.01	0.05	1.25	1.1	0.5	0.3	5.9	<0.01	0.09	3.0	0.010
481	Soil	1735	52.2	3.9	<0.01	0.05	1.32	1.1	0.4	0.2	4.4	<0.01	0.10	3.9	0.006
482	Soil	1054	139.4	3.6	<0.01	0.03	28.18	1.9	0.2	0.3	9.1	<0.01	0.11	7.0	<0.005
483	Soil	1035	129.2	3.3	<0.01	0.04	26.71	1.0	<0.2	0.2	6.9	<0.01	0.09	2.7	<0.005
484	Soil	429	51.3	2.1	<0.01	0.01	3.04	2.5	<0.2	<0.2	4.2	<0.01	0.11	7.7	<0.005
485	Soil	813	43.2	2.8	<0.01	0.03	2.87	1.8	<0.2	<0.2	4.7	<0.01	0.09	5.6	<0.005
486	Soil	455	54.4	2.0	<0.01	0.01	2.84	2.1	<0.2	<0.2	3.8	<0.01	0.10	6.7	<0.005
487	Soil	929	51.6	2.6	<0.01	0.03	2.26	1.6	<0.2	<0.2	5.1	<0.01	0.10	4.4	<0.005
488	Soil	812	26.6	2.3	<0.01	0.03	1.28	1.8	<0.2	<0.2	2.4	<0.01	0.09	4.4	<0.005
489	Soil	882	18.0	2.3	<0.01	0.04	0.82	1.2	<0.2	<0.2	4.8	<0.01	0.07	2.7	<0.005
490	Soil	583	15.5	3.0	<0.01	0.02	0.71	2.0	0.3	<0.2	11.5	<0.01	0.08	5.3	<0.005
491	Soil	477	23.1	3.3	<0.01	0.02	0.98	2.2	<0.2	<0.2	6.6	<0.01	0.08	7.4	<0.005
492	Soil	772	16.6	2.4	<0.01	0.04	0.56	1.5	0.3	<0.2	10.3	<0.01	0.07	3.8	<0.005
493	Soil	1105	13.4	2.6	<0.01	0.06	0.42	1.3	0.2	<0.2	10.9	<0.01	0.05	2.7	0.006
494	Soil	439	29.9	5.3	<0.01	0.01	1.20	1.5	<0.2	0.2	8.0	<0.01	0.08	5.4	<0.005
495	Soil	476	31.3	3.6	<0.01	0.01	1.34	1.3	0.2	<0.2	4.6	<0.01	0.10	5.0	<0.005
496	Soil	654	17.2	3.1	<0.01	0.02	0.83	0.4	<0.2	0.2	3.7	<0.01	0.06	0.8	<0.005
497	Soil	718	48.0	4.3	<0.01	0.03	1.87	2.3	<0.2	0.2	10.4	<0.01	0.08	4.9	<0.005
498	Soil	818	20.0	2.0	<0.01	0.02	0.91	1.5	<0.2	0.2	4.0	<0.01	0.11	4.0	<0.005
499	Soil	388	26.9	2.0	<0.01	<0.01	0.95	2.6	<0.2	0.2	9.1	<0.01	0.08	6.8	<0.005
500	Soil	624	20.7	3.7	<0.01	0.02	0.66	1.8	<0.2	0.2	12.7	<0.01	0.09	4.2	<0.005
1664	Soil	502	13.2	4.3	<0.01	0.02	1.22	0.6	<0.2	0.4	4.8	<0.01	0.06	0.8	<0.005
1665	Soil	418	30.5	5.3	<0.01	0.02	2.96	1.1	0.3	0.4	5.9	<0.01	0.13	4.5	<0.005
1666	Soil	620	33.2	3.8	<0.01	0.02	1.99	0.4	0.2	0.3	4.3	<0.01	0.09	0.6	<0.005
1667	Soil	865	30.2	5.2	<0.01	0.03	0.98	0.4	<0.2	0.3	9.5	<0.01	0.10	1.0	<0.005
1668	Soil	459	11.0	4.3	<0.01	0.01	0.75	0.3	<0.2	0.4	2.7	<0.01	0.09	1.1	<0.005
1669	Soil	440	21.8	3.8	<0.01	0.01	0.74	0.4	0.2	0.2	4.7	<0.01	0.07	1.8	<0.005
1670	Soil	687	35.9	4.1	<0.01	0.03	1.25	0.9	0.4	0.2	9.3	<0.01	0.07	3.3	<0.005
1671	Soil	467	40.2	6.6	<0.01	0.02	1.37	0.8	0.2	0.3	6.4	<0.01	0.07	4.2	<0.005
1672	Soil	436	20.9	5.6	<0.01	0.01	0.91	0.9	<0.2	0.3	3.3	<0.01	0.06	6.2	<0.005
1673	Soil	345	103.6	7.9	<0.01	0.02	2.27	1.1	0.4	0.3	12.3	<0.01	0.07	7.8	<0.005
1674	Soil	372	33.2	5.9	<0.01	0.02	3.63	0.9	0.2	0.3	6.9	<0.01	0.10	4.0	<0.005
1675	Soil	218	14.1	4.2	<0.01	<0.01	1.50	1.2	0.3	<0.2	22.6	<0.01	0.11	6.5	<0.005
1676	Soil	535	12.3	4.5	<0.01	0.01	0.67	0.7	0.2	0.4	4.0	<0.01	0.07	3.1	<0.005
1677	Soil	610	23.2	4.4	<0.01	0.02	0.80	0.7	0.3	0.3	6.4	<0.01	0.05	4.1	<0.005
1678	Soil	626	29.3	4.1	<0.01	0.02	0.60	0.9	0.3	0.3	9.4	<0.01	0.06	4.3	<0.005
1679	Soil	516	44.7	4.9	<0.01	0.02	1.87	1.2	0.3	0.3	15.1	<0.01	0.10	7.9	<0.005
1680	Soil	622	19.4	3.7	<0.01	0.01	0.73	0.6	0.5	0.3	3.6	<0.01	0.07	4.2	<0.005
1681	Soil	249	15.0	4.4	<0.01	<0.01	0.72	0.7	0.2	0.5	2.7	<0.01	0.06	4.9	0.005

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1682	Soil	214	11.9	3.7	<0.01	<0.01	0.58	0.7	<0.2	0.4	2.9	<0.01	0.05	7.1	<0.005
1683	Soil	456	22.6	2.6	<0.01	0.02	0.92	0.9	0.4	<0.2	16.4	<0.01	0.04	4.0	<0.005
1684	Soil	140	25.7	1.8	<0.01	0.01	0.68	0.4	<0.2	<0.2	3.0	<0.01	0.05	3.4	<0.005
1685	Soil	307	33.7	2.8	<0.01	0.01	0.69	0.9	0.2	0.2	12.1	<0.01	0.03	3.3	<0.005
1686	Soil	577	47.3	3.2	<0.01	0.03	1.02	1.3	0.4	0.2	24.4	<0.01	0.06	5.1	<0.005
1687	Soil	795	41.6	3.8	<0.01	0.04	1.09	1.4	0.6	0.2	27.1	<0.01	0.05	4.7	<0.005
1688	Soil	800	44.7	6.2	<0.01	0.04	1.03	1.5	0.4	0.2	26.4	<0.01	0.07	5.5	<0.005
1689	Soil	215	22.2	4.1	<0.01	0.01	0.98	1.0	0.3	0.2	11.5	<0.01	0.08	6.8	<0.005
1690	Soil	233	16.0	4.0	<0.01	<0.01	0.73	1.0	<0.2	0.3	4.9	<0.01	0.07	8.7	<0.005
1691	Soil	471	23.7	5.0	<0.01	0.02	0.62	1.1	0.3	0.2	15.6	<0.01	0.06	4.1	<0.005
1692	Soil	501	31.2	4.2	<0.01	0.02	0.90	1.5	0.3	<0.2	18.4	<0.01	0.09	6.9	<0.005
1693	Soil	571	23.9	3.4	<0.01	0.04	0.66	0.9	0.4	<0.2	22.3	<0.01	0.05	2.5	<0.005
1694	Soil	621	30.7	4.9	<0.01	0.02	0.79	1.8	0.3	0.2	21.3	<0.01	0.06	6.7	<0.005
1695	Soil	339	15.2	4.2	<0.01	0.01	0.58	1.1	<0.2	<0.2	9.8	<0.01	0.04	5.2	<0.005
1696	Soil	442	20.1	4.0	<0.01	0.02	0.74	1.5	0.2	<0.2	18.9	<0.01	0.04	6.9	<0.005
1697	Soil	401	20.1	3.4	<0.01	0.02	0.66	1.7	0.2	<0.2	14.5	<0.01	0.04	8.8	<0.005
1698	Soil	512	17.8	4.9	<0.01	0.02	0.52	1.8	0.3	0.2	25.4	<0.01	0.04	6.8	<0.005
1699	Soil	430	19.4	3.5	<0.01	<0.01	0.86	1.9	<0.2	<0.2	15.0	<0.01	0.04	9.4	<0.005
1700	Soil	399	23.1	4.6	<0.01	0.01	0.69	2.0	0.4	0.2	25.9	<0.01	0.03	8.1	<0.005
1701	Soil	355	21.4	3.6	<0.01	<0.01	0.98	2.1	<0.2	<0.2	12.9	<0.01	0.04	8.9	<0.005
1702	Soil	491	23.0	3.5	<0.01	0.02	0.74	1.9	0.5	0.2	26.6	<0.01	0.05	6.5	<0.005
1703	Soil	268	29.4	4.1	<0.01	0.01	1.02	1.3	0.4	0.3	3.7	<0.01	0.06	8.3	<0.005
1704	Soil	551	26.7	3.6	<0.01	0.02	0.98	0.9	0.3	0.2	3.3	<0.01	0.05	3.0	<0.005
1705	Soil	533	24.1	5.1	<0.01	0.02	0.88	1.0	0.2	0.3	4.0	<0.01	0.06	3.7	<0.005
1706	Soil	455	19.2	4.2	<0.01	0.02	1.21	1.3	0.4	<0.2	3.4	<0.01	0.09	6.2	<0.005
1707	Soil	616	20.9	3.6	<0.01	0.04	1.87	0.4	0.3	0.2	3.9	<0.01	0.09	0.6	<0.005
1708	Soil	518	36.8	4.8	<0.01	0.03	3.76	1.3	0.4	0.2	6.2	<0.01	0.20	6.9	<0.005
1709	Soil	389	44.2	3.0	<0.01	0.02	5.48	1.2	0.2	0.2	5.3	<0.01	0.19	14.6	<0.005
1710	Soil	780	32.1	4.2	<0.01	0.03	3.42	1.0	0.3	0.2	8.8	<0.01	0.17	4.9	<0.005
1711	Soil	280	32.5	2.6	<0.01	0.03	3.00	1.1	0.3	<0.2	5.6	<0.01	0.12	8.6	<0.005
1712	Soil	286	25.4	2.6	<0.01	0.06	2.74	1.6	0.3	<0.2	13.0	<0.01	0.13	9.2	<0.005
1713	Soil	478	38.2	3.2	<0.01	0.03	6.70	1.2	0.3	<0.2	6.0	<0.01	0.15	9.5	<0.005
1714	Soil	680	28.5	5.0	<0.01	0.02	0.82	1.2	0.2	0.3	7.8	<0.01	0.08	5.0	<0.005
1715	Soil	868	21.5	4.3	<0.01	0.02	1.03	0.6	0.2	0.3	4.2	<0.01	0.07	2.1	<0.005
1716	Soil	450	26.7	4.1	<0.01	0.02	0.40	0.6	<0.2	<0.2	3.3	<0.01	0.03	6.5	<0.005
1717	Soil	707	33.0	5.0	<0.01	0.02	0.36	0.5	0.4	0.2	2.8	<0.01	0.04	3.0	<0.005
1718	Soil	499	12.2	3.4	<0.01	0.01	0.42	0.5	<0.2	0.3	3.4	<0.01	0.05	1.4	<0.005
1719	Soil	499	9.7	3.3	<0.01	0.01	0.52	0.3	0.3	0.4	6.8	<0.01	0.05	0.4	0.005
1720	Soil	192	6.1	1.6	<0.01	<0.01	0.18	0.2	<0.2	<0.2	5.1	<0.01	0.01	0.4	<0.005
1721	Soil	158	16.3	2.6	<0.01	<0.01	0.71	1.2	<0.2	<0.2	3.6	<0.01	0.06	7.1	<0.005

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1722	Soil	278	23.6	2.6	<0.01	0.01	1.30	1.6	0.3	<0.2	3.8	<0.01	0.08	8.3	<0.005
1723	Soil	255	17.4	4.6	<0.01	<0.01	0.93	1.1	<0.2	<0.2	3.8	<0.01	0.04	6.9	<0.005
1724	Soil	284	16.6	5.8	<0.01	<0.01	0.81	1.0	0.2	0.3	3.9	<0.01	0.03	6.9	<0.005
1725	Soil	243	43.4	4.7	<0.01	0.02	1.07	0.3	<0.2	0.4	9.1	<0.01	0.04	1.9	<0.005
1726	Soil	254	31.8	4.0	<0.01	<0.01	1.26	1.4	<0.2	<0.2	7.1	<0.01	0.06	10.4	<0.005
1727	Soil	473	21.3	4.0	<0.01	0.02	1.06	0.9	0.3	<0.2	20.3	<0.01	0.03	3.9	<0.005
1728	Soil	386	17.8	3.6	<0.01	0.01	0.64	1.3	0.3	<0.2	33.4	<0.01	0.01	5.1	<0.005
1729	Soil	362	20.6	3.0	<0.01	<0.01	0.83	1.5	0.3	<0.2	27.4	<0.01	0.07	7.3	<0.005
1730	Soil	436	23.2	2.8	<0.01	<0.01	1.05	1.9	<0.2	<0.2	31.6	<0.01	0.06	9.3	<0.005
1731	Soil	451	22.0	2.7	<0.01	0.01	1.08	1.7	0.3	<0.2	36.5	<0.01	0.08	7.5	<0.005
1732	Soil	457	21.3	2.8	<0.01	<0.01	0.97	1.7	<0.2	<0.2	36.5	<0.01	0.05	8.6	<0.005
1733	Soil	412	23.6	3.3	<0.01	<0.01	1.07	2.2	0.4	<0.2	30.1	<0.01	0.08	12.0	<0.005
1734	Soil	491	20.9	3.0	<0.01	0.01	0.90	1.8	<0.2	<0.2	20.9	<0.01	0.08	7.8	<0.005
1735	Soil	421	21.7	2.4	<0.01	0.02	0.57	1.6	0.4	<0.2	11.2	<0.01	0.06	5.0	<0.005
1736	Soil	473	25.1	1.5	<0.01	0.01	0.80	2.2	<0.2	<0.2	10.3	<0.01	0.10	6.9	<0.005
1737	Soil	291	7.5	1.2	<0.01	0.02	0.24	0.1	0.2	<0.2	5.8	<0.01	0.02	<0.2	<0.005
1738	Soil	426	33.0	2.9	<0.01	0.02	0.96	1.6	0.4	0.2	6.7	<0.01	0.06	5.4	<0.005
1739	Soil	334	30.6	3.0	<0.01	0.01	1.14	1.6	<0.2	0.2	4.9	<0.01	0.06	7.0	<0.005
1740	Soil	522	14.2	3.0	<0.01	0.02	0.42	0.2	0.3	0.3	4.1	<0.01	0.01	<0.2	<0.005
1741	Soil	482	17.5	3.3	<0.01	0.02	0.67	1.2	<0.2	<0.2	4.0	<0.01	0.06	3.9	<0.005
1742	Soil	273	22.0	4.1	<0.01	0.01	1.78	1.6	0.3	0.2	4.5	<0.01	0.10	9.4	<0.005
1743	Soil	379	21.6	4.7	<0.01	0.01	0.95	1.2	0.2	0.4	4.0	<0.01	0.07	5.7	<0.005
1744	Soil	501	19.4	3.2	<0.01	0.02	0.93	0.9	<0.2	0.2	2.6	<0.01	0.10	3.3	<0.005
1745	Soil	423	18.3	4.0	<0.01	0.01	0.93	0.9	<0.2	0.3	3.4	<0.01	0.09	4.2	<0.005
1746	Soil	296	35.4	4.5	<0.01	0.01	1.64	1.5	<0.2	<0.2	3.6	<0.01	0.11	9.7	<0.005
1747	Soil	348	29.9	3.9	<0.01	0.02	1.21	1.4	0.4	0.3	3.8	<0.01	0.05	7.5	<0.005
1748	Soil	390	26.9	4.0	<0.01	0.02	1.13	1.3	0.3	0.3	4.8	<0.01	0.09	8.0	<0.005
1749	Soil	416	18.7	3.7	<0.01	0.01	1.10	1.3	0.4	0.4	10.8	<0.01	0.09	5.5	<0.005
1750	Soil	282	24.4	6.1	<0.01	0.02	3.48	1.8	0.5	0.3	11.6	<0.01	0.16	10.0	<0.005
1751	Soil	1321	30.4	6.1	<0.01	0.03	0.89	0.8	0.5	0.4	4.7	<0.01	0.12	2.3	<0.005
1752	Soil	655	32.6	5.2	<0.01	0.03	0.89	0.7	0.4	0.4	5.3	<0.01	0.08	1.8	<0.005
1753	Soil	482	71.6	3.4	<0.01	0.02	0.76	1.1	0.3	<0.2	3.7	<0.01	0.05	5.8	<0.005
1754	Soil	1003	22.8	6.9	<0.01	0.05	0.90	0.2	0.3	0.4	3.4	<0.01	0.07	0.5	<0.005
1755	Soil	635	43.2	4.1	<0.01	0.04	4.26	1.1	0.3	0.3	13.3	<0.01	0.11	2.7	<0.005
1756	Soil	413	225.6	4.6	<0.01	0.02	1.16	1.3	0.2	0.2	10.2	<0.01	0.09	10.0	<0.005
1757	Soil	605	11.9	3.5	<0.01	<0.01	0.34	0.8	<0.2	0.3	3.2	<0.01	0.05	4.6	<0.005
1758	Soil	878	63.1	2.6	<0.01	0.03	2.38	1.0	0.3	0.2	11.9	<0.01	0.09	2.7	<0.005
1759	Soil	1028	58.1	3.1	<0.01	0.04	2.04	0.8	0.2	<0.2	8.8	<0.01	0.08	2.7	<0.005
1760	Soil	981	44.9	2.1	<0.01	0.03	2.55	0.8	0.3	0.2	5.8	<0.01	0.12	2.2	<0.005
1761	Soil	1564	43.6	4.1	<0.01	0.08	1.03	0.3	0.4	0.3	6.8	<0.01	0.05	0.6	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1762	Soil	995	49.5	2.7	<0.01	0.04	1.87	1.4	0.5	0.2	4.6	<0.01	0.10	4.5	<0.005
1763	Soil	916	47.0	4.8	<0.01	0.06	1.84	1.8	0.4	0.2	17.7	<0.01	0.13	4.5	<0.005
1764	Soil	1081	39.9	4.2	<0.01	0.08	2.12	1.7	0.6	0.2	32.9	<0.01	0.09	4.2	<0.005
1765	Soil	799	19.8	2.6	<0.01	0.07	1.51	1.4	0.3	<0.2	29.9	<0.01	0.05	3.9	<0.005
1766	Soil	931	24.7	3.8	<0.01	0.07	1.34	1.2	0.6	0.3	23.0	0.01	0.05	3.7	0.010
1767	Soil	742	20.4	3.4	<0.01	0.04	1.58	1.4	<0.2	0.2	10.7	<0.01	0.05	4.1	0.006
1768	Soil	471	13.8	2.6	<0.01	0.03	1.02	2.2	0.4	<0.2	12.8	<0.01	0.06	5.6	<0.005
1769	Soil	424	15.2	4.6	<0.01	0.04	0.49	1.6	0.4	<0.2	24.0	<0.01	0.06	4.8	<0.005
1770	Soil	979	23.3	3.5	<0.01	0.02	0.82	0.8	0.3	0.2	4.8	<0.01	0.06	2.5	<0.005
1771	Soil	1008	59.8	5.0	<0.01	0.03	0.99	0.5	0.2	0.3	5.3	<0.01	0.06	1.0	<0.005
1772	Soil	731	24.6	2.8	<0.01	0.03	0.57	0.2	0.2	0.3	4.4	<0.01	0.05	<0.2	<0.005
1773	Soil	1014	18.2	4.7	<0.01	0.05	0.72	0.2	0.3	0.3	10.4	<0.01	0.05	<0.2	<0.005
1774	Soil	518	32.8	3.6	<0.01	0.02	1.04	1.3	0.5	0.2	4.1	<0.01	0.07	4.8	<0.005
1775	Soil	740	50.1	3.0	<0.01	0.03	0.64	2.4	0.4	0.2	5.2	<0.01	0.09	7.3	<0.005
1776	Soil	427	12.3	1.7	<0.01	0.02	0.14	0.5	<0.2	<0.2	4.3	<0.01	0.02	0.6	<0.005
1777	Soil	495	20.5	1.4	<0.01	<0.01	0.34	2.6	0.3	0.3	12.6	<0.01	0.08	9.5	<0.005
1778	Soil	555	51.2	2.0	<0.01	0.02	1.22	3.1	0.2	0.2	4.2	<0.01	0.17	8.5	<0.005
1779	Soil	864	30.4	1.8	<0.01	0.03	1.30	2.0	<0.2	0.2	8.3	<0.01	0.16	3.6	<0.005
1780	Soil	383	25.0	2.0	<0.01	0.02	1.79	1.1	<0.2	<0.2	6.0	<0.01	0.10	2.4	<0.005
1781	Soil	616	18.6	4.6	<0.01	0.02	0.60	2.1	0.5	0.2	12.6	<0.01	0.07	5.0	<0.005
1782	Soil	630	12.2	4.0	<0.01	0.02	0.77	1.1	<0.2	0.2	5.3	<0.01	0.04	2.5	<0.005
1783	Soil	821	28.6	2.4	<0.01	0.02	0.50	1.4	<0.2	<0.2	3.3	<0.01	0.10	5.1	<0.005
1784	Soil	384	30.2	3.2	<0.01	0.04	3.75	1.0	0.5	<0.2	20.3	<0.01	0.20	8.2	<0.005
1785	Soil	492	16.6	4.3	<0.01	0.03	2.93	0.4	0.4	0.3	4.2	<0.01	0.06	0.9	<0.005
1786	Soil	452	7.2	2.8	<0.01	0.04	1.25	0.1	<0.2	<0.2	5.3	<0.01	0.02	<0.2	<0.005
1787	Soil	488	23.6	3.6	<0.01	0.03	4.51	0.3	0.5	0.2	4.0	<0.01	0.06	0.9	<0.005
1788	Soil	486	86.3	3.7	<0.01	0.04	1.59	0.8	0.3	<0.2	23.0	<0.01	0.15	2.5	<0.005
1789	Soil	483	57.2	4.4	<0.01	0.03	4.30	0.9	0.2	0.2	7.1	<0.01	0.12	3.1	<0.005
1790	Soil	305	38.5	4.5	<0.01	0.02	2.00	0.7	<0.2	0.2	7.5	<0.01	0.09	3.9	<0.005
1791	Soil	431	43.0	5.3	<0.01	0.03	1.42	1.0	0.5	0.3	6.6	<0.01	0.12	6.2	<0.005
1792	Soil	344	4.5	2.2	<0.01	0.02	0.16	<0.1	<0.2	<0.2	4.3	<0.01	<0.01	<0.2	<0.005
1793	Soil	324	7.1	2.8	<0.01	0.02	0.94	0.3	<0.2	<0.2	7.4	<0.01	0.06	0.5	<0.005
1794	Soil	373	7.2	5.3	<0.01	0.01	1.09	0.7	<0.2	0.3	7.4	<0.01	0.05	3.4	<0.005
1795	Soil	213	16.1	4.2	<0.01	0.01	2.13	1.1	0.2	0.2	7.1	<0.01	0.11	5.2	<0.005
1796	Soil	318	19.7	4.0	<0.01	0.02	2.16	1.3	0.3	<0.2	9.8	<0.01	0.15	5.1	<0.005
1797	Soil	549	18.3	3.2	<0.01	0.03	1.26	0.6	<0.2	<0.2	11.4	<0.01	0.03	1.9	<0.005
1798	Soil	478	34.5	4.4	<0.01	0.03	1.90	1.4	0.4	<0.2	22.8	<0.01	0.08	4.8	<0.005
1799	Soil	349	11.3	3.1	<0.01	0.01	0.94	0.6	<0.2	0.2	4.0	<0.01	0.03	4.8	<0.005
1800	Soil	353	10.7	4.9	<0.01	0.01	0.86	0.6	<0.2	0.3	3.7	<0.01	0.07	3.1	<0.005
1801	Soil	319	24.4	6.9	<0.01	0.02	1.14	1.1	0.5	0.2	9.1	<0.01	0.06	5.5	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1802	Soil	256	15.4	4.6	<0.01	0.01	0.71	0.6	0.2	0.3	7.8	<0.01	0.08	1.7	0.006
1803	Soil	374	15.4	3.4	<0.01	0.01	0.74	0.4	<0.2	0.5	7.7	<0.01	0.07	0.8	0.009
1804	Soil	242	22.1	5.5	<0.01	0.01	0.52	0.9	0.2	0.4	4.6	<0.01	0.05	5.7	0.006
1805	Soil	229	7.6	3.1	<0.01	<0.01	0.57	0.3	0.2	0.4	3.4	<0.01	0.04	1.9	<0.005
1806	Soil	270	21.0	7.3	<0.01	0.01	1.26	1.0	0.3	0.3	9.5	<0.01	0.07	6.8	<0.005
1807	Soil	264	22.0	4.9	<0.01	0.02	1.23	0.9	<0.2	0.3	3.4	<0.01	0.06	5.4	<0.005
1808	Soil	200	15.5	3.5	<0.01	0.01	0.52	0.6	<0.2	0.2	3.3	<0.01	<0.01	3.7	<0.005
1809	Soil	273	10.2	3.8	<0.01	<0.01	0.68	0.7	0.2	0.4	4.3	<0.01	0.03	3.6	<0.005
1810	Soil	286	18.1	3.9	<0.01	0.01	0.81	0.8	<0.2	0.4	5.1	<0.01	0.06	3.9	0.007
1811	Soil	340	9.8	2.2	<0.01	0.01	0.93	0.3	<0.2	0.2	3.8	<0.01	0.05	0.5	<0.005
1812	Soil	423	31.3	3.9	<0.01	0.02	0.71	1.6	0.3	<0.2	24.7	<0.01	0.07	7.3	<0.005
1813	Soil	381	79.1	4.4	<0.01	0.02	0.46	1.2	0.3	0.3	9.7	<0.01	0.05	5.1	<0.005
1814	Soil	310	21.5	2.2	<0.01	0.01	1.62	1.8	<0.2	0.2	14.4	<0.01	0.08	11.7	<0.005
1815	Soil	402	20.8	2.7	<0.01	0.03	0.90	1.4	<0.2	<0.2	28.1	<0.01	0.05	5.5	<0.005
1816	Soil	468	24.6	6.3	<0.01	0.03	0.57	1.8	<0.2	0.3	35.8	<0.01	0.05	5.2	<0.005
1817	Soil	212	14.9	3.3	<0.01	<0.01	0.58	1.4	<0.2	0.2	7.2	<0.01	0.03	7.6	<0.005
1818	Soil	461	13.5	3.2	<0.01	0.03	0.50	1.6	0.3	0.2	17.1	<0.01	0.01	5.7	<0.005
1819	Soil	333	22.1	5.8	<0.01	0.02	0.67	1.6	0.3	0.2	18.6	<0.01	0.06	6.7	<0.005
1820	Soil	559	93.8	3.1	<0.01	0.02	4.48	1.4	0.4	0.3	17.8	<0.01	0.08	3.6	<0.005
1821	Soil	637	114.2	3.4	<0.01	0.03	4.90	1.6	0.4	0.4	19.2	<0.01	0.06	4.0	<0.005
1822	Soil	617	91.6	3.4	<0.01	0.03	3.64	1.1	0.5	0.4	13.9	<0.01	0.09	2.0	<0.005
1823	Soil	520	59.3	3.6	<0.01	0.02	2.97	1.7	0.4	0.3	12.9	<0.01	0.10	5.2	<0.005
1824	Soil	729	62.7	3.1	<0.01	0.02	4.03	1.6	0.2	0.2	12.8	<0.01	0.06	5.2	<0.005
1825	Soil	860	44.8	3.2	<0.01	0.06	1.57	0.4	<0.2	0.2	8.0	<0.01	0.07	0.4	<0.005
1826	Soil	1234	70.8	4.2	<0.01	0.05	2.54	0.8	0.2	0.3	13.0	<0.01	0.04	1.6	<0.005
1827	Soil	619	29.5	4.2	<0.01	0.03	3.11	1.5	<0.2	0.3	13.5	<0.01	0.05	2.8	<0.005
1828	Soil	714	24.4	5.8	<0.01	0.05	1.06	0.7	0.3	0.5	7.6	<0.01	0.04	0.4	0.009
1829	Soil	717	18.8	4.3	<0.01	0.03	1.09	0.4	0.3	0.5	6.1	<0.01	0.03	0.3	0.006
1830	Soil	630	16.1	3.2	<0.01	0.02	0.66	0.5	<0.2	0.3	4.8	<0.01	0.04	0.6	<0.005
1831	Soil	803	11.2	3.6	<0.01	0.06	0.33	1.2	0.4	0.2	18.2	<0.01	0.04	2.2	0.005
1832	Soil	662	10.2	6.3	<0.01	0.03	0.36	0.5	<0.2	0.3	14.1	<0.01	0.03	0.7	0.005
1833	Soil	637	20.7	6.0	<0.01	0.03	0.66	0.5	<0.2	0.3	12.1	<0.01	0.06	0.8	<0.005
1834	Soil	832	67.0	6.3	<0.01	0.04	0.69	1.3	0.2	0.5	14.0	<0.01	0.07	2.2	0.006
1835	Soil	679	19.0	4.5	<0.01	0.03	0.46	0.4	<0.2	0.3	4.2	<0.01	0.06	0.8	<0.005
1836	Soil	411	22.7	4.8	<0.01	0.01	0.80	3.2	0.4	<0.2	8.9	<0.01	0.08	6.6	<0.005
1837	Soil	1036	18.2	5.5	<0.01	0.03	0.80	1.5	0.3	0.3	10.2	<0.01	0.08	2.4	<0.005
1838	Soil	414	9.0	1.7	<0.01	0.04	0.37	0.4	0.4	<0.2	4.7	<0.01	0.01	0.3	0.010
1839	Soil	455	250.6	3.4	<0.01	0.03	3.09	1.6	0.4	0.3	6.3	<0.01	0.06	4.4	<0.005
1840	Soil	505	33.7	2.8	<0.01	0.03	0.45	1.7	<0.2	0.2	4.9	<0.01	0.05	4.9	<0.005
1841	Soil	797	27.2	3.1	<0.01	0.03	0.42	1.2	<0.2	0.2	9.1	<0.01	0.09	2.9	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1842	Soil	566	11.7	2.4	<0.01	0.04	0.18	0.6	0.4	<0.2	6.2	<0.01	<0.01	0.9	<0.005
1843	Soil	341	20.3	2.2	<0.01	<0.01	0.82	3.0	0.2	0.2	12.0	<0.01	0.09	10.1	<0.005
1844	Soil	319	21.3	2.4	<0.01	0.01	0.86	2.9	<0.2	0.2	12.2	<0.01	0.09	9.1	<0.005
1845	Soil	378	25.2	2.2	<0.01	<0.01	0.54	3.2	<0.2	<0.2	15.3	<0.01	0.12	9.9	<0.005
1846	Soil	504	35.2	2.9	<0.01	0.02	0.40	2.0	<0.2	<0.2	6.0	<0.01	0.06	6.4	<0.005
1847	Soil	299	24.9	1.6	<0.01	<0.01	0.79	2.8	<0.2	<0.2	5.2	<0.01	0.05	12.1	<0.005
1848	Soil	266	13.4	3.3	<0.01	<0.01	1.14	2.3	<0.2	0.2	4.4	<0.01	0.12	8.7	<0.005
1849	Soil	495	43.5	1.9	<0.01	<0.01	0.53	2.5	0.4	<0.2	3.0	<0.01	0.03	13.5	<0.005
1850	Soil	245	16.5	5.6	<0.01	0.01	0.88	1.1	0.2	0.5	3.2	<0.01	0.05	7.8	<0.005

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
479	Soil	0.06	1.30	22	0.28	1.81	92	1.1
480	Soil	0.06	1.96	24	0.21	2.37	124	1.9
481	Soil	<0.05	1.80	22	0.14	2.28	101	4.3
482	Soil	<0.05	2.02	21	0.10	3.23	201	3.6
483	Soil	<0.05	1.23	19	0.09	1.73	135	2.7
484	Soil	<0.05	1.71	20	0.07	3.04	155	2.2
485	Soil	<0.05	1.36	20	0.07	2.14	139	3.3
486	Soil	<0.05	1.22	19	0.07	1.94	153	2.1
487	Soil	<0.05	1.32	19	0.07	2.20	128	3.3
488	Soil	<0.05	0.94	17	<0.05	1.62	108	2.8
489	Soil	<0.05	1.05	16	0.06	1.31	79	3.1
490	Soil	<0.05	1.38	19	0.06	2.44	108	2.9
491	Soil	<0.05	1.65	20	0.15	3.06	113	3.6
492	Soil	<0.05	1.42	17	0.07	2.35	78	3.3
493	Soil	<0.05	1.46	15	0.09	2.88	58	3.5
494	Soil	<0.05	0.89	22	0.14	1.97	113	1.3
495	Soil	<0.05	0.76	19	0.16	1.71	99	1.1
496	Soil	<0.05	0.53	16	0.13	1.04	53	0.7
497	Soil	<0.05	1.62	17	0.09	4.34	119	4.2
498	Soil	<0.05	0.76	23	0.09	1.44	97	2.2
499	Soil	<0.05	1.35	20	0.06	2.90	119	1.9
500	Soil	<0.05	1.25	17	0.06	2.92	95	1.8
1664	Soil	<0.05	0.78	22	0.22	2.16	75	<0.5
1665	Soil	0.05	0.90	22	0.29	2.01	90	0.6
1666	Soil	<0.05	1.68	16	0.19	2.89	111	<0.5
1667	Soil	<0.05	0.64	23	0.25	1.22	54	<0.5
1668	Soil	<0.05	0.50	23	0.22	1.24	36	<0.5
1669	Soil	<0.05	0.60	15	0.21	1.75	56	<0.5
1670	Soil	<0.05	1.13	16	0.21	1.60	92	1.0
1671	Soil	0.05	1.00	15	0.27	1.56	93	0.7
1672	Soil	<0.05	0.91	18	0.23	1.82	68	<0.5
1673	Soil	0.07	0.85	13	0.47	1.49	116	0.5
1674	Soil	0.05	0.85	11	0.64	1.23	77	<0.5
1675	Soil	<0.05	1.14	12	0.43	2.02	78	<0.5
1676	Soil	<0.05	0.61	23	0.50	1.28	57	<0.5
1677	Soil	<0.05	0.74	20	0.37	1.45	61	<0.5
1678	Soil	<0.05	0.82	21	0.26	1.30	107	0.9
1679	Soil	0.06	0.82	18	0.51	1.82	90	0.6
1680	Soil	<0.05	0.62	21	1.33	1.44	63	<0.5
1681	Soil	<0.05	0.50	23	0.54	1.69	55	<0.5

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1682	Soil	<0.05	0.52	25	0.41	1.56	49	0.6
1683	Soil	<0.05	1.29	9	0.70	4.70	66	0.9
1684	Soil	<0.05	0.28	6	0.93	0.90	31	<0.5
1685	Soil	<0.05	2.28	10	1.31	5.26	50	0.6
1686	Soil	<0.05	2.57	11	0.95	10.77	63	3.1
1687	Soil	<0.05	2.53	9	0.57	10.31	72	3.7
1688	Soil	<0.05	2.15	13	0.36	7.36	92	3.0
1689	Soil	<0.05	0.62	17	0.79	1.44	86	0.9
1690	Soil	<0.05	0.54	18	0.56	1.47	79	1.2
1691	Soil	<0.05	1.33	17	0.21	5.37	63	1.3
1692	Soil	<0.05	1.64	13	0.20	4.11	91	2.3
1693	Soil	<0.05	1.52	11	0.19	5.30	59	2.0
1694	Soil	<0.05	2.36	13	0.37	6.32	131	1.8
1695	Soil	<0.05	0.86	13	0.28	3.61	81	1.0
1696	Soil	<0.05	1.11	13	0.55	4.45	84	2.1
1697	Soil	<0.05	1.38	14	1.00	4.42	80	2.3
1698	Soil	<0.05	1.59	15	0.34	5.53	74	3.0
1699	Soil	<0.05	0.82	15	0.21	3.75	84	1.6
1700	Soil	<0.05	1.00	16	0.26	4.63	87	2.1
1701	Soil	<0.05	0.77	15	0.21	4.06	88	1.7
1702	Soil	<0.05	1.02	14	0.27	4.65	83	3.3
1703	Soil	0.05	0.76	20	0.51	2.02	79	1.5
1704	Soil	<0.05	0.87	18	0.61	2.06	72	1.1
1705	Soil	<0.05	0.78	20	0.31	1.90	96	1.7
1706	Soil	<0.05	0.81	18	0.26	1.73	94	1.9
1707	Soil	<0.05	1.12	15	0.17	1.25	43	<0.5
1708	Soil	0.05	1.24	17	0.36	1.79	98	2.0
1709	Soil	0.06	1.07	12	0.33	1.07	94	3.5
1710	Soil	<0.05	1.04	18	0.19	1.09	79	2.4
1711	Soil	<0.05	1.32	12	0.17	0.69	74	1.4
1712	Soil	<0.05	1.18	15	0.17	1.07	95	3.7
1713	Soil	<0.05	1.41	14	0.24	1.05	98	1.3
1714	Soil	<0.05	0.94	21	0.27	1.86	90	1.7
1715	Soil	<0.05	0.64	19	2.26	1.67	61	<0.5
1716	Soil	<0.05	0.43	13	0.18	1.23	65	0.7
1717	Soil	<0.05	0.50	16	0.14	1.01	98	0.9
1718	Soil	<0.05	0.44	20	0.21	0.90	47	<0.5
1719	Soil	<0.05	0.50	27	0.16	0.85	43	<0.5
1720	Soil	<0.05	0.23	10	0.14	0.38	16	<0.5
1721	Soil	<0.05	0.55	16	0.11	1.37	76	1.9

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1722	Soil	<0.05	1.39	15	0.22	1.89	103	0.9
1723	Soil	<0.05	0.66	17	0.27	1.50	67	1.1
1724	Soil	<0.05	0.51	21	0.24	1.15	73	1.5
1725	Soil	0.05	0.46	14	0.38	0.60	20	0.8
1726	Soil	<0.05	0.86	15	0.44	1.72	82	3.2
1727	Soil	<0.05	0.96	14	0.36	1.59	65	1.7
1728	Soil	<0.05	1.10	14	0.21	2.59	64	3.4
1729	Soil	<0.05	1.21	15	0.16	3.07	96	4.6
1730	Soil	<0.05	0.97	15	0.20	3.70	95	5.1
1731	Soil	<0.05	1.38	15	0.15	3.78	91	5.4
1732	Soil	<0.05	1.53	15	0.18	3.75	98	5.2
1733	Soil	<0.05	0.87	16	0.16	3.88	97	5.9
1734	Soil	<0.05	1.16	16	0.14	3.33	98	4.0
1735	Soil	<0.05	0.99	15	0.12	3.43	74	2.6
1736	Soil	<0.05	1.22	16	0.07	3.22	114	2.6
1737	Soil	<0.05	0.30	9	0.09	0.56	19	<0.5
1738	Soil	<0.05	0.86	19	0.20	1.68	113	1.8
1739	Soil	<0.05	0.95	19	0.25	1.92	102	1.9
1740	Soil	<0.05	0.51	15	0.96	0.99	31	<0.5
1741	Soil	<0.05	0.92	16	0.32	1.76	82	1.6
1742	Soil	<0.05	0.93	17	0.17	1.65	101	1.7
1743	Soil	0.06	0.82	20	0.27	1.97	71	0.7
1744	Soil	<0.05	0.82	17	0.23	1.52	77	1.5
1745	Soil	0.05	0.78	19	0.28	1.58	65	0.8
1746	Soil	<0.05	0.83	15	0.45	2.05	96	2.9
1747	Soil	<0.05	0.84	20	0.26	1.84	88	1.5
1748	Soil	<0.05	0.77	20	0.30	1.76	101	1.8
1749	Soil	<0.05	0.85	25	0.34	1.85	76	0.8
1750	Soil	0.06	1.62	20	1.21	2.73	96	1.8
1751	Soil	0.05	1.16	22	0.26	1.56	53	0.9
1752	Soil	0.06	0.83	21	0.26	1.71	72	0.6
1753	Soil	<0.05	0.95	16	0.15	1.06	100	2.6
1754	Soil	<0.05	0.75	20	0.21	1.18	66	<0.5
1755	Soil	<0.05	1.09	17	0.54	1.37	78	0.9
1756	Soil	<0.05	0.87	17	0.20	1.43	162	2.0
1757	Soil	<0.05	0.47	20	0.12	1.08	55	0.8
1758	Soil	0.05	2.53	14	0.23	3.38	121	0.8
1759	Soil	0.05	2.09	12	0.21	2.06	110	0.9
1760	Soil	<0.05	1.71	12	0.30	1.79	110	<0.5
1761	Soil	<0.05	1.37	20	0.13	1.42	80	0.7

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1762	Soil	<0.05	1.54	18	0.14	2.57	144	2.8
1763	Soil	<0.05	2.13	17	0.10	5.52	123	3.4
1764	Soil	<0.05	3.59	14	0.08	5.98	129	4.7
1765	Soil	<0.05	1.38	15	0.07	1.72	103	3.6
1766	Soil	<0.05	2.01	18	0.13	2.02	88	2.7
1767	Soil	<0.05	1.09	18	0.12	1.81	115	2.9
1768	Soil	<0.05	3.08	17	0.05	4.73	99	4.2
1769	Soil	<0.05	0.66	15	0.07	1.43	79	2.0
1770	Soil	<0.05	0.69	19	0.14	1.13	79	1.8
1771	Soil	<0.05	0.59	21	0.16	1.12	88	<0.5
1772	Soil	<0.05	0.48	17	0.10	0.85	46	<0.5
1773	Soil	<0.05	0.75	17	0.10	1.41	64	<0.5
1774	Soil	<0.05	0.79	18	0.15	1.52	93	1.9
1775	Soil	<0.05	1.29	22	0.09	2.79	120	2.3
1776	Soil	<0.05	0.41	11	0.07	0.81	42	<0.5
1777	Soil	<0.05	1.11	21	0.09	3.35	131	1.8
1778	Soil	0.06	1.30	18	0.09	4.21	130	2.9
1779	Soil	<0.05	1.23	20	0.12	2.81	122	2.8
1780	Soil	<0.05	0.82	12	0.12	1.58	77	1.0
1781	Soil	<0.05	1.86	17	0.10	4.08	97	3.5
1782	Soil	<0.05	0.86	15	0.08	1.43	71	1.9
1783	Soil	<0.05	0.78	20	0.13	1.44	93	3.3
1784	Soil	0.06	1.10	12	0.32	1.31	71	1.3
1785	Soil	<0.05	0.71	15	0.17	1.02	52	<0.5
1786	Soil	<0.05	0.44	10	0.08	0.71	21	<0.5
1787	Soil	<0.05	0.66	11	0.11	0.65	33	0.8
1788	Soil	<0.05	1.42	8	0.28	2.96	79	0.5
1789	Soil	<0.05	1.31	11	0.34	1.67	102	0.9
1790	Soil	<0.05	0.68	13	0.30	0.74	67	0.9
1791	Soil	<0.05	1.04	16	1.09	2.24	76	0.8
1792	Soil	<0.05	0.30	10	0.31	0.50	12	<0.5
1793	Soil	<0.05	0.61	9	1.43	1.15	29	<0.5
1794	Soil	<0.05	0.56	16	4.51	1.29	47	<0.5
1795	Soil	<0.05	0.98	11	0.48	1.38	83	0.7
1796	Soil	<0.05	1.31	12	0.31	1.95	113	1.1
1797	Soil	<0.05	0.83	10	0.43	1.34	69	1.2
1798	Soil	<0.05	1.69	12	0.46	5.48	87	2.8
1799	Soil	<0.05	0.58	14	0.30	1.24	47	<0.5
1800	Soil	<0.05	0.52	20	0.32	1.14	56	<0.5
1801	Soil	<0.05	1.68	16	0.24	5.60	94	0.9

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1802	Soil	<0.05	0.63	22	0.35	1.69	66	<0.5
1803	Soil	<0.05	0.49	29	0.34	1.13	53	<0.5
1804	Soil	<0.05	0.66	23	0.18	1.24	60	<0.5
1805	Soil	<0.05	0.38	20	0.18	0.73	24	<0.5
1806	Soil	<0.05	0.58	17	0.18	1.01	66	0.7
1807	Soil	<0.05	0.60	18	0.33	1.00	70	0.5
1808	Soil	<0.05	0.61	11	0.39	1.35	54	<0.5
1809	Soil	<0.05	0.46	22	0.50	1.37	51	<0.5
1810	Soil	<0.05	0.48	23	0.37	1.29	59	<0.5
1811	Soil	<0.05	0.33	11	0.27	1.08	46	<0.5
1812	Soil	<0.05	2.74	10	0.19	8.58	87	2.6
1813	Soil	<0.05	1.98	16	0.24	6.05	56	0.9
1814	Soil	<0.05	2.52	12	0.13	2.78	115	0.8
1815	Soil	<0.05	1.32	12	0.42	3.42	60	2.8
1816	Soil	<0.05	1.36	17	0.25	3.88	49	2.6
1817	Soil	<0.05	0.46	16	0.15	1.87	69	1.5
1818	Soil	<0.05	0.61	15	0.16	2.87	60	2.3
1819	Soil	<0.05	0.76	16	0.23	2.30	73	1.8
1820	Soil	0.05	1.95	14	0.24	3.56	147	<0.5
1821	Soil	0.05	2.39	15	0.27	4.01	158	0.6
1822	Soil	0.05	1.75	14	0.21	5.04	117	0.8
1823	Soil	<0.05	1.66	15	0.33	4.02	120	0.8
1824	Soil	<0.05	1.58	17	0.33	2.48	174	1.0
1825	Soil	<0.05	1.14	15	0.24	1.90	76	0.7
1826	Soil	<0.05	1.55	19	0.15	2.20	138	1.3
1827	Soil	<0.05	1.64	14	0.21	3.24	106	1.4
1828	Soil	0.06	1.46	27	0.21	3.61	74	<0.5
1829	Soil	<0.05	0.79	26	0.17	1.87	62	<0.5
1830	Soil	<0.05	0.60	19	0.16	1.10	61	<0.5
1831	Soil	<0.05	2.47	13	0.12	3.15	43	3.7
1832	Soil	<0.05	0.60	19	0.12	1.19	58	<0.5
1833	Soil	<0.05	0.62	19	0.10	1.26	64	0.5
1834	Soil	<0.05	1.84	19	0.11	2.66	113	1.7
1835	Soil	<0.05	0.57	20	0.09	1.18	46	<0.5
1836	Soil	<0.05	0.99	20	0.11	9.39	102	2.0
1837	Soil	<0.05	0.68	21	0.12	3.45	82	1.3
1838	Soil	<0.05	0.51	10	0.11	0.84	27	0.7
1839	Soil	<0.05	0.94	15	0.13	1.79	179	2.4
1840	Soil	<0.05	0.78	19	0.08	1.16	107	1.9
1841	Soil	<0.05	0.94	18	0.09	1.74	100	2.5

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Certificate of Analysis

11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1842	Soil	<0.05	0.58	14	0.08	1.01	49	1.0
1843	Soil	<0.05	1.41	20	0.07	3.66	129	1.6
1844	Soil	<0.05	1.37	19	0.08	3.29	124	1.5
1845	Soil	<0.05	2.35	21	<0.05	2.61	146	1.4
1846	Soil	<0.05	1.30	18	0.07	1.58	112	3.5
1847	Soil	<0.05	0.89	17	<0.05	3.12	124	3.0
1848	Soil	<0.05	1.22	19	0.07	2.41	101	1.8
1849	Soil	<0.05	0.96	21	0.07	2.76	139	2.2
1850	Soil	0.07	0.57	31	0.28	1.43	51	1.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
479	Soil		0.24	1.45	77.0	22	0.49	0.49	0.03	0.14	17.74	11.8	22	1.68	40.2
479 Dup			0.22	1.41	71.9	22	0.51	0.46	0.03	0.15	18.59	11.6	22	1.77	39.2
QCV1108-01007-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.46					8.87				22.2			>10000
497	Soil		0.16	1.60	82.9	30	0.62	0.53	0.14	0.17	16.86	22.5	26	6.25	50.4
497 Dup			0.16	1.62	85.3	30	0.64	0.50	0.15	0.17	17.66	22.6	26	6.35	49.3
QCV1108-01007-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.67					8.91				23.5			>10000
1678	Soil		0.11	1.48	33.0	21	0.19	0.48	0.02	0.12	24.61	11.1	22	1.10	30.3
1678 Dup			0.11	1.50	31.9	21	0.20	0.48	0.02	0.13	28.35	11.2	23	1.21	29.9
QCV1108-01007-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6477.5
1696	Soil		0.13	1.23	100.0	26	0.40	0.30	0.32	0.09	23.56	11.2	18	0.69	26.5
1696 Dup			0.12	1.36	108.7	28	0.45	0.31	0.33	0.10	29.17	12.4	19	0.72	28.8
QCV1108-01007-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.56					8.78				22.8			>10000
1714	Soil		0.22	1.64	36.9	56	0.40	0.49	0.01	0.18	20.61	36.1	22	1.33	34.9
1714 Dup			0.22	1.62	35.7	57	0.40	0.49	0.01	0.18	20.35	35.1	21	1.36	35.1
QCV1108-01007-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.49					8.73				23.1			>10000
1732	Soil		0.11	1.72	46.0	49	0.42	0.37	0.67	0.10	19.33	14.0	25	0.56	42.1
1732 Dup			0.10	1.79	48.2	50	0.41	0.38	0.67	0.10	22.85	14.5	25	0.59	43.1
QCV1108-01007-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6563.6
1750	Soil		0.40	1.85	52.6	37	0.63	0.54	<0.01	0.12	24.91	17.8	24	1.95	51.8
1750 Dup			0.44	1.89	54.5	38	0.66	0.56	<0.01	0.12	28.77	18.5	24	2.10	52.7
QCV1108-01007-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.47					8.89				22.2			>10000
1768	Soil		0.20	2.04	41.9	22	0.32	0.40	0.30	0.09	11.99	10.4	32	6.67	27.3
1768 Dup			0.22	2.02	41.8	23	0.33	0.42	0.31	0.10	12.01	10.7	32	6.79	27.7
QCV1108-01007-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6445.9

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1786	Soil		0.14	0.51	6.5	26	0.15	0.17	0.03	0.09	5.92	1.9	8	0.82	12.9
1786 Dup			0.15	0.51	8.8	26	0.14	0.16	0.03	0.09	6.37	1.9	8	0.84	13.4
QCV1108-01007-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6311.5
1804	Soil		0.13	0.88	29.6	23	0.17	0.33	0.02	0.19	32.13	7.9	15	2.25	20.1
1804 Dup			0.13	0.74	29.2	22	0.17	0.29	0.02	0.20	23.72	7.2	12	2.04	18.3
QCV1108-01007-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6375.9
QCV1108-01007-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
1822	Soil		0.33	0.93	213.9	30	0.51	0.55	0.03	0.23	14.33	20.9	16	4.10	52.2
1822 Dup			0.34	0.96	221.6	32	0.51	0.58	0.03	0.25	16.64	21.4	16	4.34	53.4
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					8.74				22.7			>10000
QCV1108-01007-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
1840	Soil		0.08	1.96	44.7	15	0.26	0.40	0.02	0.14	16.81	11.8	34	3.38	46.4
1840 Dup			0.07	1.89	44.5	15	0.25	0.41	0.02	0.14	17.97	11.9	34	3.59	44.8
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6295.5
QCV1108-01007-0037-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47									9.5			27.1
STD-DS-1 result			0.48				0.44	0.09	6.85	1.13	25.83	9.5	22	2.11	25.2
479	Soil	0.015													
479 Dup		0.022													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.273													
497	Soil	0.018													
497 Dup		0.021													
QCV1108-01008-0004-BLK		<0.005													
1678	Soil	0.005													
1678 Dup		<0.005													
QCV1108-01008-0008-BLK		<0.005													
1714	Soil	0.017													
1714 Dup		0.020													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.678													
1732	Soil	0.032													
1732 Dup		0.031													
QCV1108-01008-0012-BLK		<0.005													

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1750	Soil	0.050													
1750 Dup		0.040													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.919													
QCV1108-01008-0016-BLK		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.119													
1804	Soil	0.012													
1804 Dup		0.006													
1822	Soil	0.028													
1822 Dup		0.039													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.287													
1840	Soil	0.006													
1840 Dup		0.010													
QCV1108-01008-0024-BLK		<0.005													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
479	Soil	3.83	4.56	<0.05	0.06	0.02	0.03	9.4	34.2	0.43	574	0.81	<0.01	0.64	27.8
479 Dup		3.72	4.59	<0.05	0.04	0.02	0.03	9.9	33.3	0.42	568	0.87	<0.01	0.58	26.5
QCV1108-01007-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
497	Soil	3.75	4.99	<0.05	0.13	0.03	0.03	8.6	53.5	0.64	774	0.68	<0.01	0.07	39.6
497 Dup		3.92	4.95	<0.05	0.12	0.03	0.03	9.3	52.9	0.65	809	0.66	<0.01	0.07	40.7
QCV1108-01007-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1678	Soil	4.04	5.96	<0.05	0.06	0.03	0.02	13.6	38.5	0.49	403	0.50	<0.01	0.38	30.1
1678 Dup		4.03	6.01	<0.05	0.04	0.03	0.02	15.4	39.6	0.49	401	0.53	<0.01	0.40	29.5
QCV1108-01007-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1696	Soil	2.93	3.47	<0.05	0.08	0.02	0.04	12.3	35.6	0.53	434	0.40	<0.01	0.30	31.5
1696 Dup		3.23	3.81	<0.05	0.08	0.02	0.05	15.1	38.4	0.58	462	0.40	<0.01	0.35	33.5
QCV1108-01007-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1714	Soil	3.71	5.84	<0.05	0.10	0.02	0.03	10.2	32.6	0.43	963	0.60	<0.01	0.45	30.2
1714 Dup		3.66	5.78	<0.05	0.08	0.02	0.03	10.1	32.5	0.42	959	0.62	<0.01	0.45	30.5
QCV1108-01007-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1732	Soil	3.62	4.73	<0.05	0.16	0.02	0.06	10.5	45.1	0.67	498	0.61	<0.01	0.09	36.2
1732 Dup		3.66	4.87	<0.05	0.18	0.02	0.06	12.2	47.6	0.69	505	0.62	<0.01	0.10	36.4
QCV1108-01007-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1750	Soil	4.13	5.79	<0.05	0.05	0.02	0.03	13.1	40.4	0.57	404	0.94	<0.01	0.46	36.5
1750 Dup		4.18	5.92	<0.05	0.05	0.02	0.03	14.9	42.0	0.58	410	0.91	<0.01	0.49	37.6
QCV1108-01007-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1768	Soil	3.99	6.06	<0.05	0.18	0.02	0.02	6.6	60.2	0.89	315	0.55	<0.01	0.11	38.7
1768 Dup		4.03	6.07	<0.05	0.19	0.02	0.02	6.6	62.3	0.90	320	0.55	<0.01	0.11	39.8
QCV1108-01007-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1786	Soil	1.09	2.24	<0.05	0.04	<0.01	0.02	3.3	5.1	0.08	76	0.61	0.02	0.16	5.6
1786 Dup		1.11	2.20	<0.05	0.03	<0.01	0.02	3.5	4.8	0.08	78	0.63	0.02	0.16	5.6
QCV1108-01007-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1804	Soil	2.56	5.61	<0.05	<0.02	0.01	0.03	17.7	20.6	0.25	210	0.88	0.01	0.77	17.0
1804 Dup		2.26	5.14	<0.05	<0.02	0.01	0.02	13.2	17.5	0.21	187	0.65	<0.01	0.68	15.2
QCV1108-01007-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01007-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1822	Soil	3.44	2.95	<0.05	0.04	0.03	0.03	8.0	19.4	0.27	671	0.54	<0.01	0.09	34.7
1822 Dup		3.40	3.05	<0.05	0.05	0.03	0.03	9.5	20.6	0.28	683	0.56	<0.01	0.09	35.8
QCV1108-01007-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1840	Soil	3.89	7.17	<0.05	0.09	0.03	0.02	7.7	62.4	0.83	298	0.90	0.01	0.15	38.0
1840 Dup		3.81	7.15	<0.05	0.08	0.03	0.02	8.2	61.6	0.82	295	0.92	0.01	0.16	37.3
QCV1108-01007-0037-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result		2.76	1.43	<0.05	0.31	0.05	0.10	12.4	2.3	2.46	456	4.45	<0.01	0.06	46.0

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
479	Soil	729	34.3	4.9	<0.01	0.04	1.47	1.0	0.4	0.3	6.9	0.01	0.08	2.2	0.010
479 Dup		717	32.2	5.2	<0.01	0.04	1.49	0.9	0.3	0.3	7.1	<0.01	0.06	2.0	0.010
QCV1108-01007-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected							1.64		12.7	16.4					
STD-OREAS94-2A result							1.89		13.0	16.0					
497	Soil	718	48.0	4.3	<0.01	0.03	1.87	2.3	<0.2	0.2	10.4	<0.01	0.08	4.9	<0.005
497 Dup		728	47.5	4.4	<0.01	0.04	1.88	2.3	0.2	0.2	10.7	<0.01	0.10	4.7	<0.005
QCV1108-01007-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.8				1.89		12.8	16.6					
1678	Soil	626	29.3	4.1	<0.01	0.02	0.60	0.9	0.3	0.3	9.4	<0.01	0.06	4.3	<0.005
1678 Dup		621	27.8	4.3	<0.01	0.02	0.64	0.9	0.3	0.3	9.5	<0.01	0.10	4.5	<0.005
QCV1108-01007-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1696	Soil	442	20.1	4.0	<0.01	0.02	0.74	1.5	0.2	<0.2	18.9	<0.01	0.04	6.9	<0.005
1696 Dup		480	20.3	4.4	<0.01	0.02	0.79	1.7	0.2	<0.2	20.2	<0.01	0.05	7.8	<0.005
QCV1108-01007-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				1.84		12.9	16.9					
1714	Soil	680	28.5	5.0	<0.01	0.02	0.82	1.2	0.2	0.3	7.8	<0.01	0.08	5.0	<0.005
1714 Dup		688	29.7	5.0	<0.01	0.02	0.91	1.1	0.4	0.3	7.7	<0.01	0.08	5.0	<0.005
QCV1108-01007-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.6				1.79		12.4	16.6					
1732	Soil	457	21.3	2.8	<0.01	<0.01	0.97	1.7	<0.2	<0.2	36.5	<0.01	0.05	8.6	<0.005
1732 Dup		457	20.8	2.9	<0.01	<0.01	0.97	1.9	0.4	<0.2	37.3	<0.01	0.07	9.4	<0.005
QCV1108-01007-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1750	Soil	282	24.4	6.1	<0.01	0.02	3.48	1.8	0.5	0.3	11.6	<0.01	0.16	10.0	<0.005
1750 Dup		293	24.1	6.5	<0.01	0.02	3.50	1.9	0.4	0.3	12.2	<0.01	0.15	10.3	0.005
QCV1108-01007-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.7				1.77		12.6	16.4					
1768	Soil	471	13.8	2.6	<0.01	0.03	1.02	2.2	0.4	<0.2	12.8	<0.01	0.06	5.6	<0.005
1768 Dup		486	13.9	2.7	<0.01	0.03	1.00	2.2	0.5	<0.2	13.1	<0.01	0.05	5.7	<0.005
QCV1108-01007-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1786	Soil	452	7.2	2.8	<0.01	0.04	1.25	0.1	<0.2	<0.2	5.3	<0.01	0.02	<0.2	<0.005
1786 Dup		460	6.3	2.8	<0.01	0.04	1.22	0.1	<0.2	<0.2	5.4	<0.01	0.01	<0.2	<0.005
QCV1108-01007-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9707.3												
1804	Soil	242	22.1	5.5	<0.01	0.01	0.52	0.9	0.2	0.4	4.6	<0.01	0.05	5.7	0.006
1804 Dup		226	20.2	4.6	<0.01	0.01	0.50	0.7	<0.2	0.4	3.9	<0.01	0.06	4.9	0.006
QCV1108-01007-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9784.6												
QCV1108-01007-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
1822	Soil	617	91.6	3.4	<0.01	0.03	3.64	1.1	0.5	0.4	13.9	<0.01	0.09	2.0	<0.005
1822 Dup		644	94.6	3.7	<0.01	0.03	3.66	1.1	0.3	0.4	15.3	<0.01	0.07	1.9	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.1				1.69		13.5	17.2					
QCV1108-01007-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
1840	Soil	505	33.7	2.8	<0.01	0.03	0.45	1.7	<0.2	0.2	4.9	<0.01	0.05	4.9	<0.005
1840 Dup		499	31.6	2.9	<0.01	0.03	0.46	1.7	<0.2	0.2	5.0	<0.01	0.07	4.7	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01007-0037-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected															
STD-DS-1 result				6.6	<0.01	2.50	102.72	7.9	0.9	1.1	65.6	<0.01	0.06	3.4	<0.005

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
479	Soil	0.06	1.30	22	0.28	1.81	92	1.1
479 Dup		0.06	1.24	22	0.29	1.84	89	1.1
QCV1108-01007-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
497	Soil	<0.05	1.62	17	0.09	4.34	119	4.2
497 Dup		<0.05	1.52	17	0.08	4.39	121	4.0
QCV1108-01007-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
1678	Soil	<0.05	0.82	21	0.26	1.30	107	0.9
1678 Dup		<0.05	0.85	21	0.22	1.33	106	0.8
QCV1108-01007-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4896	
1696	Soil	<0.05	1.11	13	0.55	4.45	84	2.1
1696 Dup		<0.05	1.21	15	0.53	4.87	88	2.4
QCV1108-01007-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
1714	Soil	<0.05	0.94	21	0.27	1.86	90	1.7
1714 Dup		<0.05	0.95	20	0.26	1.87	91	1.8
QCV1108-01007-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
1732	Soil	<0.05	1.53	15	0.18	3.75	98	5.2
1732 Dup		<0.05	1.59	15	0.16	3.80	98	5.5
QCV1108-01007-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4865	
1750	Soil	0.06	1.62	20	1.21	2.73	96	1.8
1750 Dup		0.06	1.66	21	1.16	2.89	98	2.0
QCV1108-01007-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
1768	Soil	<0.05	3.08	17	0.05	4.73	99	4.2
1768 Dup		<0.05	3.21	17	0.08	4.72	102	4.3
QCV1108-01007-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4781	

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11-360-06026-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1786	Soil	<0.05	0.44	10	0.08	0.71	21	<0.5
1786 Dup		<0.05	0.46	10	0.09	0.71	21	<0.5
QCV1108-01007-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4862	
1804	Soil	<0.05	0.66	23	0.18	1.24	60	<0.5
1804 Dup		<0.05	0.57	22	0.21	1.03	57	0.6
QCV1108-01007-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4987	
QCV1108-01007-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
1822	Soil	0.05	1.75	14	0.21	5.04	117	0.8
1822 Dup		0.06	1.75	15	0.23	5.23	121	0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							166	
QCV1108-01007-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
1840	Soil	<0.05	0.78	19	0.08	1.16	107	1.9
1840 Dup		<0.05	0.79	20	0.10	1.20	106	1.8
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4742	
QCV1108-01007-0037-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		17.52	1.31	55	6.34	10.18	197	4.1

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/11/2011
Date Completed: 09/12/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	202	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1851	Soil	0.018	0.48	1.90	85.6	24	0.71	0.43	0.01	0.09	26.02	31.6	28	3.87	84.0
1852	Soil	0.097	0.27	1.32	117.5	24	0.47	0.44	0.02	0.15	26.46	24.2	20	2.97	48.1
1853	Soil	1.521	0.34	0.54	784.2	34	0.24	0.34	0.01	0.12	17.88	8.9	8	2.11	21.2
1854	Soil	0.194	0.38	0.74	436.9	34	0.21	0.33	<0.01	0.11	21.10	9.2	9	0.87	21.8
1855	Soil	0.196	0.12	1.11	214.1	35	0.32	0.27	0.08	0.15	15.12	12.3	13	2.56	23.6
1856	Soil	1.229	0.43	1.19	8396.7	113	0.91	0.46	0.25	0.40	21.90	97.2	15	3.70	64.2
1857	Soil	0.966	0.53	1.09	6797.8	101	0.90	0.47	0.27	0.52	22.77	92.8	14	3.80	59.8
1858	Soil	0.152	0.14	0.75	683.2	36	0.22	0.31	0.01	0.10	32.13	8.2	11	0.97	18.7
1859	Soil	0.050	0.11	1.21	303.0	25	0.23	0.42	<0.01	0.09	33.99	8.8	19	1.08	21.8
1860	Soil	0.498	0.28	0.55	1047.7	26	0.38	0.42	0.04	0.26	26.12	15.8	7	2.00	43.9
1861	Soil	0.107	0.21	1.52	1346.3	61	1.50	0.57	0.14	0.26	20.02	30.9	19	4.76	141.0
1862	Soil	0.060	0.09	1.28	266.2	35	0.48	0.34	<0.01	0.11	26.52	9.5	15	1.26	31.2
1863	Soil	0.031	0.45	1.38	61.7	31	0.24	0.43	0.01	0.08	31.31	7.7	18	2.00	27.9
1864	Soil	0.009	0.35	1.14	53.0	30	0.26	0.43	0.01	0.08	29.61	8.3	17	2.60	36.8
1865	Soil	<0.005	0.55	1.23	40.3	32	0.21	0.80	<0.01	0.07	31.51	3.0	20	3.00	32.7
1866	Soil	0.063	0.24	1.06	95.9	46	0.46	0.41	0.15	0.13	28.73	13.4	15	2.27	48.3
1867	Soil	0.032	0.17	1.48	77.2	32	0.72	0.49	0.01	0.06	29.91	11.8	18	2.34	59.9
1868	Soil	<0.005	0.32	0.94	39.0	34	0.30	0.37	0.01	0.12	19.69	5.5	10	0.86	29.4
1869	Soil	0.019	0.29	0.93	60.2	30	0.24	0.42	0.01	0.10	21.91	5.5	10	0.72	27.9
1870	Soil	0.010	0.16	0.54	62.2	22	0.12	0.28	0.04	0.05	23.20	3.4	5	0.72	15.7
1871	Soil	0.006	0.13	0.94	63.0	36	0.25	0.33	0.02	0.22	28.95	5.5	12	1.54	18.1
1872	Soil	<0.005	0.06	0.30	45.9	17	0.11	0.23	0.05	0.12	28.16	3.3	4	0.59	9.2
1873	Soil	0.021	0.25	0.78	64.5	27	0.20	0.36	<0.01	0.10	40.00	5.5	10	0.92	13.3
1874	Soil	<0.005	0.12	0.38	93.4	14	0.07	0.30	0.02	0.08	30.43	6.2	6	0.78	15.7
1875	Soil	<0.005	0.12	0.50	48.1	27	0.11	0.28	0.01	0.13	18.96	4.5	7	0.66	16.5
1876	Soil	<0.005	0.04	0.52	44.3	24	0.12	0.24	0.01	0.10	47.05	4.1	6	0.47	10.8
1877	Soil	0.005	0.03	0.56	54.9	26	0.18	0.37	0.03	0.04	22.76	8.6	9	0.53	19.6
1878	Soil	0.016	0.08	1.32	49.2	35	0.32	0.29	0.15	0.04	27.69	10.2	19	0.60	18.7
1879	Soil	0.021	0.16	1.00	55.6	38	0.29	0.30	0.17	0.12	21.54	6.8	13	0.77	25.6
1880	Soil	0.007	0.63	1.07	14.1	56	0.50	0.24	0.90	0.27	11.08	6.1	6	1.09	41.9
1881	Soil	0.040	0.27	1.03	163.6	24	0.49	0.49	0.03	0.19	24.83	19.2	17	3.11	53.8
1882	Soil	0.138	0.20	1.29	42.3	24	0.32	0.52	0.04	0.20	17.82	13.4	21	2.10	59.5
1883	Soil	0.175	0.21	0.54	592.1	24	0.59	0.51	0.02	0.19	47.69	18.8	12	3.38	48.6
1884	Soil	0.028	0.14	1.72	82.3	25	0.54	0.49	0.03	0.07	29.83	18.3	24	3.27	50.3
1885	Soil	0.020	0.11	1.43	65.3	30	0.52	0.52	0.02	0.08	37.79	20.6	21	4.23	48.6
1886	Soil	0.110	0.33	1.43	376.4	19	0.43	0.46	0.04	0.34	27.98	16.9	21	1.45	45.2
1887	Soil	0.007	0.26	1.70	33.2	18	0.74	0.54	0.03	0.17	23.96	19.6	30	3.47	80.3
1888	Soil	0.006	0.25	1.85	49.2	21	0.46	0.49	0.04	0.24	17.90	16.8	27	3.68	54.7
1889	Soil	0.059	0.29	1.17	329.7	24	0.37	0.42	0.02	0.20	19.90	10.4	16	1.87	40.1
1890	Soil	0.018	0.16	1.66	63.1	26	0.54	0.54	0.04	0.13	24.65	20.5	25	3.66	55.1

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1891	Soil	0.095	0.40	1.63	366.9	22	0.49	0.47	0.05	0.34	25.07	19.9	22	1.61	50.4
1892	Soil	0.016	0.11	1.83	56.1	19	0.43	0.48	0.03	0.12	20.29	17.4	27	4.53	65.0
1893	Soil	0.008	0.06	2.50	52.0	15	0.33	0.41	0.03	0.13	16.56	21.8	31	3.10	61.0
1894	Soil	0.082	0.16	1.28	250.9	25	0.34	0.45	0.02	0.22	21.18	12.4	18	2.00	37.5
1895	Soil	0.010	0.14	1.55	51.1	46	0.70	0.78	0.40	0.23	39.07	20.6	19	2.11	55.7
1896	Soil	0.042	1.14	1.60	346.4	24	0.53	0.50	0.06	0.12	42.51	20.6	21	2.47	51.1
1897	Soil	0.022	0.10	0.97	69.5	20	0.42	0.55	0.08	0.05	38.68	15.6	17	1.77	43.8
1898	Soil	0.016	0.05	1.08	72.1	24	0.35	0.45	0.01	0.04	33.12	13.2	16	2.37	32.8
1899	Soil	0.017	0.09	1.11	53.8	23	0.29	0.30	0.04	0.03	14.55	8.3	15	1.77	28.5
1900	Soil	0.026	0.11	0.74	139.7	23	0.55	0.48	0.13	0.09	31.22	16.2	14	1.89	40.3
1901	Soil	0.005	0.09	1.81	36.8	25	0.28	0.45	0.01	0.08	13.21	11.0	25	4.02	38.5
1902	Soil	0.005	0.13	2.00	43.2	26	0.57	0.47	0.03	0.11	19.41	18.8	28	5.65	58.2
1903	Soil	0.305	0.47	0.99	165.1	33	0.28	0.45	<0.01	0.10	55.52	13.1	18	2.73	41.8
1904	Soil	0.005	0.04	1.91	36.7	55	0.41	0.49	0.02	0.21	25.06	21.8	30	3.66	42.9
1905	Soil	0.014	0.09	1.64	20.1	31	0.33	0.27	0.14	0.10	11.81	8.7	21	4.15	22.2
1906	Soil	<0.005	0.05	1.90	39.3	38	0.42	0.42	0.06	0.13	31.43	12.9	26	2.03	28.6
1907	Soil	0.057	0.14	1.27	22.7	44	0.26	0.27	0.17	0.14	13.84	7.0	15	6.00	13.8
1908	Soil	<0.005	0.04	1.79	22.4	28	0.27	0.32	0.04	0.07	25.52	10.9	28	2.31	26.9
1909	Soil	0.045	0.31	1.35	222.5	27	0.14	0.79	0.02	0.05	24.99	8.0	20	4.82	35.2
1910	Soil	<0.005	0.05	2.15	28.0	24	0.50	0.55	0.03	0.14	38.32	29.6	31	3.38	62.8
1911	Soil	0.018	0.08	2.01	182.2	40	0.26	0.41	0.02	0.17	41.55	14.4	29	3.02	36.8
1912	Soil	<0.005	0.19	2.47	16.3	35	0.62	0.77	0.23	0.17	33.46	27.1	33	5.59	84.3
1913	Soil	<0.005	0.17	2.43	18.2	45	0.70	0.64	0.47	0.22	35.44	29.0	32	5.92	82.8
1914	Soil	<0.005	0.14	2.87	19.5	27	0.64	0.84	0.14	0.14	44.85	35.4	39	3.64	100.5
1915	Soil	0.041	0.10	2.01	49.7	27	0.54	0.54	0.13	0.08	41.33	25.0	31	3.18	54.1
2696	Soil	0.047	0.16	0.61	201.3	25	0.19	0.43	0.01	0.18	22.42	9.2	11	1.79	29.2
2697	Soil	0.022	0.19	0.79	123.4	56	0.35	0.29	0.04	0.11	21.55	7.6	13	2.14	22.2
2698	Soil	0.011	0.06	1.75	51.2	30	0.27	0.37	0.03	0.12	24.92	11.7	26	2.01	27.0
2699	Soil	0.008	0.15	1.07	36.8	30	0.18	0.34	0.01	0.08	24.58	6.1	17	1.70	22.4
2700	Soil	0.025	0.07	1.39	53.8	33	0.29	0.37	0.01	0.06	33.13	10.8	22	1.94	30.3
2701	Soil	0.009	0.08	1.29	26.8	36	0.25	0.35	0.02	0.06	23.53	8.2	18	1.37	23.7
2702	Soil	<0.005	0.07	1.23	26.4	36	0.20	0.28	0.02	0.05	22.22	6.6	16	1.05	18.6
2703	Soil	0.019	0.04	1.88	36.0	39	0.42	0.39	0.02	0.11	33.19	12.5	24	1.05	27.5
2704	Soil	<0.005	0.04	0.53	2.8	16	0.10	0.06	0.04	0.03	3.96	1.5	3	0.37	6.9
2705	Soil	0.009	0.06	1.82	38.7	35	0.37	0.40	0.01	0.08	27.21	11.6	22	1.20	25.4
2706	Soil	0.012	0.06	1.69	33.1	35	0.31	0.37	0.02	0.06	27.13	10.6	20	1.12	24.1
2707	Soil	0.011	0.14	1.03	26.0	28	0.22	0.33	0.02	0.10	20.83	7.9	14	1.60	18.1
2708	Soil	0.008	0.34	2.29	21.6	34	0.59	0.40	0.05	0.36	27.43	18.3	26	3.03	42.5
2709	Soil	0.013	0.12	2.00	38.1	56	0.56	0.43	0.01	0.08	31.04	16.6	27	1.70	62.6
2710	Soil	0.005	0.13	0.68	24.0	46	0.18	0.32	0.02	0.15	25.99	5.0	8	1.68	18.4

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2711	Soil	0.028	0.14	1.50	43.3	41	0.36	0.45	0.04	0.12	27.57	8.7	21	1.49	37.9
2712	Soil	<0.005	0.11	1.47	20.2	33	0.26	0.42	0.02	0.08	42.14	6.4	23	1.46	23.2
2713	Soil	0.012	0.28	1.62	26.1	34	0.31	0.48	0.02	0.06	34.79	6.1	21	2.08	30.9
2714	Soil	0.013	0.49	1.01	22.3	48	0.26	0.35	0.01	0.06	32.70	3.5	11	1.81	23.2
2715	Soil	0.008	0.22	1.51	31.7	32	0.42	0.57	<0.01	0.06	25.02	5.1	19	2.17	52.5
2716	Soil	0.016	0.24	1.73	25.3	36	0.41	0.45	0.01	0.04	30.57	4.9	23	2.17	42.7
2717	Soil	<0.005	0.08	1.06	20.0	35	0.23	0.33	0.02	0.16	27.56	5.8	13	1.23	17.2
2718	Soil	0.026	0.05	0.69	2.4	17	0.12	0.04	0.04	0.02	4.38	1.4	2	0.21	3.7
2719	Soil	0.032	0.17	0.79	28.4	24	0.15	0.24	0.01	0.06	23.69	4.4	10	3.31	12.8
2720	Soil	<0.005	0.13	1.92	53.7	42	0.49	0.45	0.01	0.07	40.77	10.6	28	5.30	51.5
2721	Soil	0.046	0.16	1.75	686.0	40	0.37	0.39	0.02	0.12	33.03	10.1	19	1.97	30.1
2722	Soil	0.008	0.18	1.99	136.2	49	0.36	0.42	0.03	0.08	34.51	10.5	23	2.09	31.1
2723	Soil	0.018	0.13	1.56	56.0	35	0.21	0.36	0.02	0.08	35.98	8.5	20	2.50	17.6
2724	Soil	0.021	0.91	0.64	432.9	29	0.48	0.39	0.09	0.24	24.95	18.0	10	4.40	54.3
2725	Soil	0.016	0.24	1.22	202.7	71	0.35	0.42	0.05	0.20	32.90	13.0	18	2.39	36.1
2726	Soil	0.030	0.23	1.02	60.2	32	0.16	0.37	0.02	0.11	48.69	7.2	14	1.49	16.5
2727	Soil	0.006	0.25	1.11	195.2	41	0.18	0.26	0.01	0.09	26.31	5.0	11	1.03	15.6
2728	Soil	0.014	0.23	0.75	459.6	37	0.20	0.20	0.02	0.09	18.18	4.0	6	0.67	15.2
2729	Soil	<0.005	0.60	1.58	78.7	40	0.47	0.33	0.02	0.08	33.61	7.5	16	1.19	23.5
2730	Soil	0.008	0.10	1.72	35.0	44	0.42	0.30	0.10	0.04	43.91	13.5	21	0.50	31.2
2731	Soil	0.008	0.08	1.60	40.5	69	0.38	0.26	0.47	0.06	23.88	9.9	16	0.81	24.9
2732	Soil	<0.005	0.11	1.66	34.5	37	0.37	0.29	0.67	0.10	22.21	10.8	19	0.42	30.4
2733	Soil	0.028	0.11	1.59	35.9	43	0.37	0.35	0.31	0.07	21.92	14.0	20	0.48	32.8
2734	Soil	0.007	0.07	1.68	41.6	51	0.38	0.34	0.32	0.07	25.06	13.5	21	0.49	32.0
2735	Soil	0.007	0.09	1.73	52.9	58	0.39	0.36	0.33	0.09	23.67	13.8	22	0.54	38.1
2736	Soil	0.006	0.09	1.78	48.5	64	0.39	0.34	0.77	0.09	15.57	11.2	19	0.51	33.4
2737	Soil	0.031	0.09	1.76	63.3	36	0.37	0.39	0.02	0.11	29.95	14.6	25	1.18	35.4
2738	Soil	0.169	0.10	1.65	50.7	33	0.27	0.39	0.02	0.07	23.68	11.1	23	1.19	28.3
2739	Soil	<0.005	0.05	1.75	57.5	27	0.40	0.38	0.02	0.10	24.50	14.8	22	0.97	43.8
2740	Soil	0.010	0.04	2.08	15.0	34	0.25	0.42	0.03	0.07	23.90	9.6	28	1.93	23.6
2741	Soil	0.021	0.04	1.55	76.8	41	0.27	0.40	0.02	0.09	19.75	11.5	19	0.93	30.2
2742	Soil	0.024	0.05	1.47	60.1	32	0.31	0.35	0.03	0.07	20.44	11.9	20	1.02	29.6
2743	Soil	0.018	0.16	1.59	24.3	39	0.26	0.37	0.02	0.08	24.50	9.0	19	1.17	19.9
2744	Soil	0.012	0.06	1.27	33.1	33	0.33	0.46	<0.01	0.06	21.38	10.1	19	1.44	44.4
2745	Soil	0.007	0.07	1.71	37.4	34	0.26	0.38	0.01	0.07	27.03	11.8	22	1.03	24.8
2746	Soil														
2747	Soil														
2748	Soil														
2766	Soil	0.021	0.18	0.88	248.4	37	0.28	0.29	0.04	0.21	15.15	23.9	17	2.00	32.8
2767	Soil	0.031	0.20	1.01	162.5	39	0.54	0.32	0.02	0.19	28.34	29.2	21	1.33	42.1

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2768	Soil	0.032	0.26	1.18	167.8	34	0.35	0.43	0.10	0.20	27.24	27.8	21	1.90	48.5
2769	Soil	0.029	0.11	1.90	36.3	20	0.32	0.56	0.22	0.08	21.54	16.7	25	2.91	47.4
2770	Soil	0.188	0.17	1.81	55.5	22	0.35	0.46	0.21	0.06	28.28	13.8	28	2.70	39.9
2771	Soil	0.021	0.11	1.80	23.6	35	0.25	0.43	0.31	0.25	15.44	10.2	24	2.39	28.1
2772	Soil	0.017	0.20	1.52	29.2	29	0.34	0.39	0.33	0.04	13.48	10.3	18	1.79	32.5
2773	Soil	0.015	0.09	1.96	67.2	25	0.30	0.42	0.23	0.07	18.05	14.5	27	1.63	38.5
2774	Soil	0.019	0.26	0.92	32.6	30	0.17	0.30	0.32	0.05	6.85	4.6	9	1.69	14.6
2775	Soil	0.020	0.15	1.34	48.2	55	0.14	0.39	0.11	0.28	10.04	6.6	18	1.69	17.0
2776	Soil	0.021	0.17	1.52	51.3	64	0.40	0.47	0.32	0.22	11.66	11.4	22	2.27	27.9
2777	Soil	0.063	0.06	1.90	51.3	21	0.51	0.43	0.08	0.07	25.45	20.5	28	1.62	54.9
2778	Soil	0.015	0.15	0.81	319.0	23	0.45	0.41	0.06	0.24	23.08	17.9	14	1.43	57.0
2779	Soil	<0.005	0.19	1.46	50.9	59	0.30	0.38	0.13	0.10	15.80	18.8	18	1.01	26.4
2780	Soil	0.023	0.11	2.10	67.3	40	0.34	0.45	0.13	0.21	28.67	19.2	30	1.37	51.8
2781	Soil	0.031	0.17	1.63	56.9	35	0.30	0.41	0.09	0.08	16.49	13.9	20	1.25	29.9
2782	Soil	0.082	0.09	1.44	107.4	32	0.31	0.42	0.01	0.10	20.63	15.6	20	0.56	37.4
2783	Soil	0.114	0.04	1.49	108.9	23	0.42	0.37	0.01	0.06	21.65	15.6	19	1.00	30.0
2784	Soil	0.025	0.21	1.95	41.6	23	0.42	0.46	0.02	0.08	26.76	15.5	26	1.56	49.1
2785	Soil	0.018	0.30	1.40	46.1	33	0.39	0.36	0.03	0.11	22.44	13.1	18	1.16	37.8
2786	Soil	0.014	0.16	1.30	36.0	31	0.29	0.32	0.04	0.07	26.92	10.7	16	1.28	30.3
2787	Soil	0.043	0.06	1.38	97.5	30	0.31	0.38	0.02	0.13	29.63	12.2	19	1.01	31.4
2788	Soil	0.031	0.13	1.35	61.2	31	0.29	0.42	0.02	0.07	37.99	11.7	17	1.16	34.1
2789	Soil	0.180	0.55	1.58	44.5	39	0.38	0.36	0.22	0.05	20.05	9.2	20	1.71	34.4
2790	Soil	0.019	0.18	1.96	62.1	39	0.42	0.55	0.31	0.09	20.35	13.6	26	3.12	47.4
2791	Soil	0.070	0.10	1.17	87.8	36	0.28	0.30	0.11	0.08	34.55	10.3	17	1.06	21.3
2792	Soil	0.005	0.10	1.46	40.1	58	0.28	0.37	0.11	0.08	40.93	10.8	20	1.25	25.1
2793	Soil	0.019	0.03	1.60	37.3	43	0.37	0.32	0.11	0.06	31.62	12.1	20	0.71	26.5
2815	Soil	0.044	0.09	1.23	113.6	24	0.23	0.37	<0.01	0.06	26.56	9.2	16	1.35	38.0
2816	Soil	0.038	0.38	0.96	89.7	28	0.20	0.37	<0.01	0.10	29.38	8.5	14	1.21	29.4
2817	Soil	<0.005	0.13	1.33	59.0	22	0.19	0.39	<0.01	0.05	33.26	9.5	21	1.31	24.0
2818	Soil	<0.005	0.11	1.16	28.3	24	0.20	0.47	0.01	0.08	25.52	6.8	16	1.63	24.9
2819	Soil	0.017	0.32	1.74	27.9	34	0.25	0.51	<0.01	0.06	34.43	7.8	26	2.06	24.3
2820	Soil	<0.005	0.36	2.03	30.8	43	0.82	1.18	<0.01	0.20	20.64	13.3	29	4.22	119.1
2821	Soil	0.012	0.19	1.59	38.1	50	0.33	0.46	<0.01	0.10	35.89	7.2	22	2.57	29.9
2822	Soil	0.007	0.17	1.60	29.2	55	0.51	0.33	0.10	0.11	16.60	12.4	18	1.60	37.3
2823	Soil	0.011	0.23	1.37	150.4	31	0.37	0.32	0.01	0.64	28.92	9.3	17	1.21	18.3
2824	Soil	0.016	0.20	1.35	308.3	68	0.49	0.51	0.09	0.28	22.66	11.6	18	3.17	34.2
2825	Soil	0.006	0.10	2.02	21.6	25	0.38	0.45	0.09	0.05	19.46	10.2	26	3.26	30.6
2826	Soil	0.005	0.07	1.89	28.0	41	0.36	0.46	0.04	0.06	33.92	12.1	25	2.03	28.7
2827	Soil	<0.005	0.07	1.28	34.3	38	0.25	0.34	0.14	0.09	33.48	8.9	18	1.16	18.8
2828	Soil	<0.005	0.12	0.60	34.7	32	0.25	0.18	0.12	0.12	8.79	8.9	6	1.37	15.8

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2829	Soil	0.051	0.27	1.61	433.0	76	0.85	0.43	0.29	0.18	29.50	20.7	21	2.49	64.8
2830	Soil	0.116	0.44	0.69	760.8	34	0.43	0.40	0.24	0.12	15.22	12.7	12	2.34	43.8
2831	Soil	0.135	0.59	0.97	615.0	70	0.57	0.41	0.54	0.14	13.94	16.0	12	2.73	47.2
2832	Soil	0.031	0.09	1.24	126.2	33	0.32	0.29	0.16	0.13	20.06	14.0	16	0.67	23.8
2833	Soil	0.072	0.07	1.37	103.3	38	0.40	0.36	0.12	0.07	27.59	12.7	19	0.71	23.9
2834	Soil	0.039	0.54	2.12	216.9	214	1.90	0.71	0.67	0.21	43.41	31.9	21	4.69	90.2
2835	Soil	0.005	0.06	0.95	41.5	44	0.19	0.37	0.11	0.06	32.93	5.6	14	1.33	9.9
2836	Soil	0.027	0.23	1.08	74.6	41	0.53	0.40	0.31	0.17	19.48	11.9	14	2.67	21.2
2837	Soil	0.092	0.22	1.04	89.7	27	0.32	0.36	0.04	0.16	25.34	12.9	19	1.54	28.6
2838	Soil	<0.005	0.16	1.25	44.5	38	0.24	0.34	0.03	0.14	19.74	9.7	17	1.04	24.5
2839	Soil	<0.005	0.07	0.07	2.1	9	<0.05	0.03	0.07	0.03	0.96	1.7	2	1.03	2.5
2840	Soil	<0.005	0.36	1.20	194.9	69	0.45	0.37	0.92	0.71	10.03	21.6	23	8.91	39.3
2841	Soil	<0.005	0.20	1.51	100.9	37	0.40	0.43	0.61	0.07	16.12	13.1	24	3.97	36.7
2842	Soil	<0.005	0.18	1.65	127.1	35	0.39	0.41	0.55	0.30	13.11	15.2	25	5.46	39.4
2843	Soil	0.011	0.28	1.48	1852.4	45	0.47	0.37	0.71	0.14	13.19	16.3	20	5.41	33.4
2844	Soil	0.007	0.09	1.47	269.2	30	0.27	0.34	0.26	0.08	19.51	11.5	22	1.51	20.7
2845	Soil	0.024	0.11	1.12	45.6	32	0.21	0.36	0.03	0.14	23.89	9.7	18	1.30	23.7
2846	Soil	0.025	0.09	1.34	28.8	24	0.21	0.26	0.08	0.09	17.52	8.5	20	0.92	22.2
2847	Soil	0.005	0.11	1.42	31.2	41	0.21	0.41	0.02	0.16	37.15	10.6	22	1.86	27.4
2848	Soil	0.008	0.06	1.75	36.0	28	0.32	0.37	0.02	0.06	42.13	11.9	26	1.45	36.7
2849	Soil	0.005	0.18	1.60	98.1	56	0.43	0.36	0.71	0.07	11.41	11.4	22	1.79	36.5
2850	Soil	0.011	0.18	1.67	433.7	38	0.44	0.45	0.27	0.07	19.59	13.3	24	3.41	38.4
2851	Soil	0.006	0.14	1.77	212.4	28	0.40	0.53	0.42	0.14	17.07	17.7	27	4.03	48.6
2852	Soil	<0.005	0.24	1.92	8.1	43	0.21	0.49	0.07	0.16	16.57	10.6	30	3.40	38.2
2853	Soil	<0.005	0.12	1.82	34.7	44	0.41	0.50	0.06	0.16	21.95	16.2	32	4.23	71.3
2854	Soil	0.023	0.20	1.67	38.7	67	0.57	0.37	0.16	0.07	18.00	15.1	21	2.77	31.3
2855	Soil	0.007	0.04	0.73	29.9	26	0.16	0.31	0.01	0.04	29.16	7.0	10	1.36	18.9
2856	Soil	<0.005	0.34	0.36	241.1	32	0.24	0.47	0.24	0.11	35.01	9.6	21	1.62	25.2
2857	Soil	<0.005	0.13	0.29	56.5	27	0.37	0.45	0.01	0.16	35.51	18.8	26	1.63	27.5
2858	Soil	0.021	0.10	0.25	65.1	26	0.27	0.42	0.50	0.12	36.08	10.5	26	1.29	13.2
2859	Soil	0.019	0.10	0.33	69.0	11	0.12	0.25	0.20	0.09	20.11	6.4	9	0.96	11.8
2860	Soil	0.040	0.10	0.96	75.1	23	0.27	0.30	0.12	0.07	16.45	7.0	9	1.83	40.0
2861	Soil	0.046	0.10	0.54	51.1	26	0.43	0.40	0.03	0.07	26.66	15.5	17	1.58	15.8
2862	Soil	0.013	0.11	0.34	16.9	33	0.20	0.16	<0.01	0.12	8.46	4.4	5	1.63	18.5
2863	Soil	0.028	0.10	1.66	82.2	33	0.23	0.20	0.01	0.08	13.84	7.7	6	1.00	23.0
2864	Soil	<0.005	0.03	1.67	25.3	27	0.30	0.34	0.01	0.05	43.01	12.4	11	0.89	49.9
2865	Soil	0.020	0.10	1.37	154.3	29	0.43	0.21	<0.01	0.09	24.84	15.3	16	1.80	25.2
2866	Soil	0.006	0.07	0.99	44.2	27	0.18	0.35	<0.01	0.06	20.74	5.9	12	0.64	18.9
2867	Soil	0.009	0.12	0.85	25.0	26	0.15	0.33	0.01	0.05	44.25	8.1	15	0.79	22.9
2868	Soil	0.019	0.04	0.95	119.4	23	0.20	0.40	0.01	0.06	37.88	8.4	16	1.41	22.0

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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
2869	Soil	0.203	0.22	0.23	54.6	27	0.08	0.16	0.02	0.07	16.37	2.9	4	0.98	6.5
2870	Soil	0.007	0.23	0.98	26.1	33	0.25	0.29	0.03	0.14	17.27	6.5	14	1.83	27.9

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11-360-06067-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1851	Soil	4.78	5.45	<0.05	0.13	0.03	0.03	13.5	58.6	0.70	486	0.79	<0.01	0.52	53.8
1852	Soil	4.05	3.77	<0.05	0.06	0.02	0.04	14.5	33.6	0.45	502	0.48	<0.01	0.28	45.0
1853	Soil	2.85	2.28	<0.05	0.03	0.02	0.04	9.3	8.4	0.08	208	0.53	<0.01	0.18	14.9
1854	Soil	3.07	3.66	<0.05	0.02	0.02	0.03	11.1	8.4	0.13	304	0.52	<0.01	0.34	17.4
1855	Soil	2.33	3.60	<0.05	0.05	0.02	0.03	8.0	21.4	0.30	422	0.42	0.02	0.27	20.0
1856	Soil	7.25	3.06	0.10	0.13	0.03	0.04	12.3	28.0	0.31	7832	0.77	<0.01	0.17	251.6
1857	Soil	6.02	2.98	0.08	0.11	0.03	0.04	12.6	26.7	0.27	7030	0.77	<0.01	0.16	238.0
1858	Soil	2.68	4.15	<0.05	<0.02	0.02	0.03	17.0	13.3	0.19	228	0.37	0.01	0.28	16.4
1859	Soil	3.81	5.62	<0.05	0.02	0.02	0.03	17.7	24.5	0.32	226	0.59	<0.01	0.40	20.7
1860	Soil	2.94	2.21	<0.05	0.03	0.03	0.04	13.7	7.6	0.07	175	0.48	<0.01	0.11	35.7
1861	Soil	3.87	3.95	<0.05	0.22	0.03	0.06	10.0	31.9	0.35	983	0.67	<0.01	0.24	59.0
1862	Soil	3.51	4.46	<0.05	0.04	0.02	0.03	14.5	23.3	0.27	394	0.50	<0.01	0.34	22.4
1863	Soil	3.74	5.43	<0.05	0.02	0.02	0.03	16.4	22.7	0.31	249	0.69	<0.01	0.61	19.5
1864	Soil	3.70	6.80	<0.05	<0.02	0.02	0.03	15.8	18.2	0.23	246	0.71	<0.01	0.61	18.1
1865	Soil	4.27	7.20	<0.05	0.03	0.02	0.03	18.1	17.8	0.24	129	1.26	0.01	0.38	12.5
1866	Soil	3.29	3.55	<0.05	0.02	0.03	0.03	15.7	29.8	0.32	287	0.65	<0.01	0.33	27.2
1867	Soil	3.70	4.30	<0.05	0.03	0.02	0.03	16.6	38.3	0.43	250	0.79	<0.01	0.16	32.4
1868	Soil	2.99	5.03	<0.05	0.03	0.02	0.03	10.8	14.5	0.17	116	0.71	0.01	0.65	14.7
1869	Soil	3.30	4.23	<0.05	0.03	0.02	0.03	12.3	10.6	0.14	143	0.72	0.01	0.37	14.1
1870	Soil	1.91	3.24	<0.05	<0.02	<0.01	0.03	13.3	3.3	0.05	89	0.50	0.01	0.24	7.0
1871	Soil	2.61	4.38	<0.05	<0.02	0.02	0.03	15.8	17.9	0.27	175	0.53	<0.01	0.41	15.2
1872	Soil	1.26	3.20	<0.05	<0.02	<0.01	0.02	15.2	1.0	0.02	79	0.51	0.01	0.39	6.3
1873	Soil	2.60	4.90	<0.05	<0.02	0.01	0.02	21.7	5.7	0.08	163	0.71	<0.01	0.56	10.2
1874	Soil	1.74	3.75	<0.05	<0.02	0.01	0.02	15.9	0.9	0.02	123	0.49	<0.01	0.41	11.1
1875	Soil	1.59	3.58	<0.05	<0.02	<0.01	0.02	10.5	5.0	0.06	63	0.41	0.01	0.36	8.0
1876	Soil	1.51	3.85	<0.05	<0.02	0.01	0.02	24.9	4.8	0.05	72	0.43	<0.01	0.48	7.6
1877	Soil	2.00	1.93	<0.05	<0.02	0.01	0.02	13.0	14.9	0.15	221	0.26	<0.01	0.09	17.9
1878	Soil	2.92	4.00	<0.05	0.06	0.01	0.02	14.1	46.3	0.54	338	0.32	<0.01	0.30	26.2
1879	Soil	2.52	3.30	<0.05	0.03	0.02	0.03	11.3	25.8	0.34	168	0.49	0.01	0.30	22.0
1880	Soil	1.49	2.78	<0.05	0.11	0.02	0.05	5.7	12.6	0.12	361	0.27	0.03	0.59	24.2
1881	Soil	3.96	3.21	<0.05	0.02	0.03	0.03	13.8	23.2	0.32	669	1.59	<0.01	0.16	37.7
1882	Soil	3.91	4.88	<0.05	0.02	0.03	0.03	9.6	26.3	0.39	895	0.78	<0.01	0.32	29.9
1883	Soil	3.45	1.79	<0.05	<0.02	0.03	0.03	27.4	10.2	0.15	790	0.41	<0.01	<0.05	39.1
1884	Soil	3.50	4.79	<0.05	0.05	0.02	0.03	16.7	50.2	0.59	605	0.47	0.01	0.09	37.3
1885	Soil	3.72	4.33	<0.05	0.51	0.02	0.03	22.1	37.4	0.51	775	0.52	<0.01	0.09	37.5
1886	Soil	4.40	4.08	<0.05	0.17	0.06	0.02	15.2	39.0	0.52	585	0.57	<0.01	0.19	41.1
1887	Soil	4.56	5.09	<0.05	0.10	0.03	0.03	13.5	45.8	0.60	622	0.70	<0.01	0.15	47.8
1888	Soil	4.90	5.88	<0.05	0.11	0.03	0.03	10.1	43.7	0.61	776	0.78	<0.01	0.35	38.4
1889	Soil	3.76	3.52	<0.05	0.10	0.04	0.04	11.1	19.0	0.28	453	0.67	<0.01	0.23	27.9
1890	Soil	4.44	5.37	<0.05	0.15	0.02	0.03	14.0	44.1	0.58	741	0.60	<0.01	0.16	42.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1891	Soil	4.99	4.32	<0.05	0.09	0.07	0.03	13.6	41.9	0.59	821	0.62	<0.01	0.19	44.3
1892	Soil	4.79	5.52	<0.05	0.12	0.03	0.03	11.2	48.7	0.68	602	0.74	<0.01	0.20	41.1
1893	Soil	4.58	6.41	<0.05	0.12	0.03	0.02	8.9	64.7	1.05	725	0.39	<0.01	<0.05	53.8
1894	Soil	4.10	3.89	<0.05	0.05	0.03	0.04	12.0	20.8	0.33	582	0.68	0.01	0.29	28.4
1895	Soil	5.00	3.85	<0.05	0.19	0.05	0.03	14.9	36.8	0.50	5381	0.79	<0.01	0.09	43.3
1896	Soil	3.85	4.27	<0.05	0.09	0.03	0.04	22.2	50.0	0.77	1961	0.52	<0.01	0.07	43.0
1897	Soil	3.88	3.17	<0.05	0.07	0.03	0.03	20.2	22.0	0.35	611	0.65	<0.01	0.05	37.0
1898	Soil	3.34	3.45	<0.05	0.05	0.02	0.02	17.1	22.6	0.35	488	0.53	<0.01	0.10	29.4
1899	Soil	2.69	4.23	<0.05	0.04	0.02	0.03	7.4	18.7	0.30	427	0.44	0.02	0.17	20.8
1900	Soil	3.47	2.16	<0.05	0.06	0.03	0.03	16.9	13.9	0.24	481	0.63	<0.01	<0.05	35.0
1901	Soil	4.05	6.26	<0.05	0.11	0.03	0.03	6.0	37.9	0.58	461	0.65	0.01	0.32	28.8
1902	Soil	3.89	6.02	<0.05	0.12	0.03	0.03	8.5	48.1	0.70	591	0.63	0.01	0.20	35.8
1903	Soil	3.78	3.44	<0.05	0.04	0.02	0.02	29.7	21.9	0.29	244	0.40	<0.01	<0.05	33.2
1904	Soil	4.36	6.85	<0.05	0.06	0.03	0.04	11.4	43.5	0.63	1484	0.77	<0.01	0.38	32.9
1905	Soil	2.96	4.50	<0.05	0.15	0.02	0.03	5.6	46.5	0.60	278	0.35	0.01	0.14	28.9
1906	Soil	4.30	5.98	<0.05	0.05	0.02	0.03	16.4	52.2	0.68	384	0.52	<0.01	0.43	34.8
1907	Soil	2.33	4.63	<0.05	0.08	0.01	0.03	7.5	30.2	0.44	385	0.52	0.02	0.29	18.6
1908	Soil	3.77	5.40	<0.05	0.07	0.02	0.03	12.2	57.6	0.73	433	0.40	<0.01	0.09	37.1
1909	Soil	3.00	5.20	<0.05	0.08	0.02	0.03	13.6	29.8	0.45	244	0.77	0.01	0.12	22.0
1910	Soil	5.12	6.31	0.07	0.10	0.04	0.02	19.8	65.3	0.89	1532	0.70	<0.01	0.07	53.8
1911	Soil	4.23	6.82	<0.05	0.03	0.04	0.03	20.7	51.0	0.67	628	0.74	<0.01	0.53	34.7
1912	Soil	4.94	7.34	<0.05	0.10	0.06	0.02	14.5	90.5	1.05	1388	0.48	<0.01	<0.05	58.5
1913	Soil	5.04	6.97	0.06	0.10	0.05	0.02	15.5	84.5	1.03	1784	0.70	<0.01	<0.05	58.0
1914	Soil	5.57	9.00	0.06	0.11	0.05	0.02	19.9	99.1	1.24	1240	0.84	<0.01	<0.05	64.3
1915	Soil	4.26	6.45	<0.05	0.07	0.02	0.02	20.6	68.9	0.84	547	0.44	<0.01	<0.05	50.5
2696	Soil	2.90	2.34	<0.05	<0.02	0.02	0.03	12.5	11.2	0.15	371	1.03	<0.01	0.12	18.2
2697	Soil	2.13	2.77	<0.05	0.02	0.03	0.03	11.6	8.2	0.11	293	0.74	0.01	0.10	18.3
2698	Soil	3.88	6.20	<0.05	0.07	0.02	0.02	13.1	50.1	0.61	421	0.69	<0.01	0.41	32.5
2699	Soil	2.76	4.78	<0.05	0.61	0.02	0.02	13.2	19.9	0.26	209	0.66	0.01	0.28	15.8
2700	Soil	3.34	4.95	<0.05	0.12	0.02	0.03	18.0	36.1	0.45	327	0.62	<0.01	0.40	28.2
2701	Soil	2.63	4.50	<0.05	0.10	0.02	0.04	12.5	26.9	0.36	256	0.72	0.01	0.28	19.7
2702	Soil	2.79	4.30	<0.05	0.09	0.02	0.03	11.9	24.1	0.35	204	0.53	0.01	0.26	18.7
2703	Soil	3.77	5.00	0.06	0.09	0.02	0.04	17.1	50.7	0.65	397	0.54	<0.01	0.29	35.5
2704	Soil	0.66	1.65	<0.05	0.10	<0.01	0.02	2.0	2.3	0.05	36	0.18	0.04	0.10	2.7
2705	Soil	4.40	4.55	<0.05	0.11	0.03	0.04	13.8	38.7	0.49	340	0.55	<0.01	0.41	30.5
2706	Soil	3.93	5.45	<0.05	0.09	0.02	0.04	14.3	35.6	0.43	293	0.57	<0.01	0.52	29.1
2707	Soil	3.36	4.30	<0.05	0.03	0.02	0.04	10.9	13.0	0.20	508	0.77	<0.01	0.60	17.8
2708	Soil	4.40	4.92	0.07	0.24	0.03	0.03	12.6	42.0	0.59	1160	0.95	<0.01	0.38	36.8
2709	Soil	4.70	5.44	0.06	0.09	0.03	0.04	16.4	51.7	0.65	495	0.88	<0.01	0.47	39.0
2710	Soil	2.12	4.44	<0.05	0.08	0.01	0.03	14.2	5.3	0.07	215	0.66	0.01	0.27	10.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2711	Soil	4.09	4.93	0.05	0.09	0.02	0.03	15.8	30.8	0.40	397	0.74	0.01	0.37	25.8
2712	Soil	4.47	5.93	<0.05	0.05	0.02	0.04	23.5	37.4	0.49	315	0.62	<0.01	0.28	24.1
2713	Soil	4.27	5.24	0.05	0.05	0.02	0.04	19.8	38.3	0.48	248	0.79	0.01	0.38	25.5
2714	Soil	2.53	4.88	<0.05	0.03	0.02	0.03	18.6	13.3	0.15	178	0.72	0.01	0.57	9.1
2715	Soil	4.31	5.66	0.05	0.11	0.03	0.03	14.3	28.0	0.34	247	1.05	<0.01	0.40	22.2
2716	Soil	3.54	5.26	<0.05	0.10	0.02	0.03	17.9	51.4	0.55	256	0.75	0.01	0.27	26.3
2717	Soil	2.74	5.64	<0.05	0.04	0.01	0.04	15.2	17.6	0.22	323	0.52	0.01	0.45	13.3
2718	Soil	0.66	2.16	<0.05	0.03	<0.01	0.02	2.3	1.9	0.04	71	0.17	0.03	0.20	1.9
2719	Soil	1.79	4.42	<0.05	<0.02	0.01	0.03	12.6	13.7	0.17	122	0.43	0.02	0.44	9.4
2720	Soil	4.17	6.37	0.06	0.06	0.03	0.04	21.4	52.8	0.62	324	0.84	<0.01	0.82	29.2
2721	Soil	4.15	5.83	<0.05	0.07	0.02	0.04	17.7	32.8	0.43	293	0.63	<0.01	0.58	23.6
2722	Soil	4.39	5.90	0.06	0.06	0.03	0.05	18.4	46.2	0.59	298	0.81	<0.01	0.68	29.9
2723	Soil	4.20	5.95	0.05	0.04	0.02	0.04	19.0	35.2	0.50	313	0.72	<0.01	0.68	25.3
2724	Soil	3.81	1.54	0.05	0.04	0.03	0.03	13.9	11.5	0.10	534	0.50	<0.01	<0.05	32.1
2725	Soil	3.11	5.18	0.06	0.05	0.04	0.05	17.6	24.8	0.28	374	0.70	<0.01	0.34	21.9
2726	Soil	2.95	5.84	0.05	<0.02	0.02	0.04	26.0	20.0	0.28	229	0.59	<0.01	0.52	15.9
2727	Soil	3.21	5.05	<0.05	0.06	0.01	0.03	13.9	13.0	0.16	180	0.54	0.01	0.74	12.0
2728	Soil	2.68	3.96	<0.05	0.04	<0.01	0.03	9.5	4.8	0.05	126	0.52	0.02	0.44	8.9
2729	Soil	3.37	5.15	0.05	0.05	0.02	0.04	17.0	32.1	0.34	215	0.61	0.01	0.81	21.0
2730	Soil	3.31	4.41	0.06	0.04	0.02	0.06	22.7	48.8	0.63	495	0.35	<0.01	0.08	35.5
2731	Soil	2.70	4.01	<0.05	0.12	0.02	0.09	12.5	36.4	0.46	337	0.41	0.02	0.75	24.9
2732	Soil	3.07	3.89	<0.05	0.15	0.02	0.06	11.2	43.0	0.63	399	0.34	0.01	0.28	32.6
2733	Soil	3.23	4.12	<0.05	0.91	0.02	0.07	11.4	43.3	0.59	429	0.38	<0.01	0.07	31.4
2734	Soil	3.38	4.32	<0.05	0.31	0.02	0.07	13.1	44.7	0.60	467	0.35	<0.01	0.07	33.0
2735	Soil	3.32	4.38	<0.05	0.31	0.02	0.08	12.5	44.2	0.60	457	0.53	<0.01	0.08	33.8
2736	Soil	2.95	4.14	<0.05	0.32	0.02	0.07	8.4	42.9	0.58	319	0.36	0.01	0.16	29.0
2737	Soil	3.82	4.98	<0.05	0.09	0.03	0.03	15.2	47.2	0.62	583	0.50	<0.01	0.24	36.8
2738	Soil	3.51	4.94	<0.05	0.08	0.02	0.03	12.3	38.9	0.54	353	0.53	<0.01	0.30	31.2
2739	Soil	3.92	4.49	<0.05	0.14	0.02	0.02	12.6	48.7	0.64	442	0.45	<0.01	0.13	40.7
2740	Soil	3.65	6.53	0.05	0.04	0.02	0.03	12.0	47.8	0.71	299	0.80	<0.01	0.67	29.3
2741	Soil	3.60	5.11	<0.05	0.06	0.02	0.03	10.0	29.5	0.44	351	0.66	<0.01	0.36	28.1
2742	Soil	3.10	4.25	0.05	0.08	0.02	0.03	10.3	36.2	0.50	402	0.51	<0.01	0.20	28.9
2743	Soil	2.98	5.23	<0.05	0.03	0.02	0.03	12.6	31.4	0.46	305	0.79	<0.01	0.48	22.8
2744	Soil	3.60	4.20	0.05	0.10	0.02	0.03	11.3	27.0	0.35	288	1.25	<0.01	0.23	21.9
2745	Soil	3.90	4.82	0.05	0.08	0.02	0.04	14.2	38.0	0.54	377	0.54	<0.01	0.42	31.0
2746	Soil														
2747	Soil														
2748	Soil														
2766	Soil	3.96	2.72	<0.05	0.06	0.02	0.04	7.0	15.4	0.24	1592	1.03	<0.01	0.22	40.7
2767	Soil	4.35	3.69	0.06	0.04	0.04	0.02	13.4	19.6	0.27	1400	1.44	<0.01	0.20	52.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 6-145

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2768	Soil	4.39	3.96	0.05	0.03	0.03	0.03	13.9	27.4	0.40	2448	1.06	<0.01	0.19	49.4
2769	Soil	3.43	5.29	0.06	0.11	0.03	0.03	11.1	58.2	0.79	559	0.36	0.01	0.07	39.6
2770	Soil	3.83	5.62	<0.05	0.11	0.03	0.02	15.1	63.9	0.78	529	0.35	<0.01	<0.05	42.7
2771	Soil	3.08	5.30	<0.05	0.17	0.02	0.03	8.3	56.4	0.71	808	0.28	0.01	0.13	32.1
2772	Soil	2.66	4.38	<0.05	0.14	0.02	0.03	7.9	42.3	0.56	425	0.30	0.02	0.12	27.3
2773	Soil	4.10	5.63	0.06	0.13	0.03	0.02	9.7	64.6	0.81	558	0.43	<0.01	0.09	42.7
2774	Soil	1.65	2.99	<0.05	0.10	0.02	0.03	3.7	15.9	0.26	322	0.29	0.02	0.25	12.0
2775	Soil	2.75	4.55	<0.05	0.06	0.02	0.03	5.3	29.2	0.45	204	0.36	0.01	0.26	23.0
2776	Soil	3.29	4.98	<0.05	0.16	0.02	0.04	6.1	41.8	0.54	537	0.52	<0.01	0.14	27.2
2777	Soil	4.19	5.43	0.05	0.06	0.02	0.02	14.8	69.2	0.76	465	0.48	<0.01	<0.05	48.1
2778	Soil	3.56	2.40	0.05	0.06	0.02	0.02	13.2	21.1	0.28	522	0.52	<0.01	0.06	37.8
2779	Soil	3.20	4.65	<0.05	0.08	0.02	0.04	8.2	35.0	0.51	1358	0.43	0.01	0.16	48.4
2780	Soil	4.54	6.17	0.06	0.14	0.03	0.04	14.7	69.2	0.86	569	0.43	<0.01	<0.05	50.3
2781	Soil	3.62	4.64	<0.05	0.08	0.02	0.03	9.0	46.6	0.57	446	0.42	<0.01	0.18	31.7
2782	Soil	4.06	4.38	<0.05	0.08	0.02	0.03	11.2	36.5	0.51	389	0.56	<0.01	0.15	41.1
2783	Soil	3.87	4.07	0.05	0.07	0.02	0.03	11.3	37.3	0.50	433	0.48	<0.01	0.12	35.5
2784	Soil	4.53	5.03	<0.05	0.75	0.02	0.02	15.2	59.4	0.74	447	0.52	<0.01	<0.05	45.1
2785	Soil	3.61	4.13	<0.05	0.27	0.02	0.03	12.6	34.0	0.46	310	0.48	<0.01	0.19	34.6
2786	Soil	3.16	4.10	<0.05	0.16	0.02	0.03	14.9	32.5	0.40	310	0.49	0.01	0.18	27.5
2787	Soil	3.65	4.30	<0.05	0.11	0.02	0.03	15.9	36.4	0.49	329	0.52	<0.01	0.14	31.9
2788	Soil	3.59	4.27	<0.05	0.07	0.02	0.03	21.5	30.5	0.43	264	0.56	<0.01	0.09	30.9
2789	Soil	2.80	4.77	<0.05	0.13	0.02	0.02	10.7	47.0	0.55	274	0.36	0.01	0.14	26.9
2790	Soil	3.71	5.48	0.05	0.21	0.03	0.02	10.1	62.8	0.78	272	0.46	<0.01	0.11	38.0
2791	Soil	2.67	3.55	<0.05	0.10	0.02	0.02	17.9	33.9	0.48	309	0.39	<0.01	0.23	24.7
2792	Soil	3.03	4.97	0.06	0.13	0.02	0.04	20.3	41.9	0.55	415	0.43	<0.01	0.53	25.1
2793	Soil	3.19	4.29	0.05	0.08	0.02	0.04	15.7	41.5	0.64	392	0.40	<0.01	0.43	29.2
2815	Soil	3.98	4.71	<0.05	0.06	0.02	0.03	13.9	22.8	0.34	266	0.58	<0.01	0.39	21.9
2816	Soil	3.24	4.74	0.06	0.08	0.02	0.02	15.7	16.3	0.22	187	0.69	<0.01	0.51	19.6
2817	Soil	4.13	6.12	0.06	0.06	0.02	0.02	17.6	30.9	0.43	248	0.62	<0.01	0.49	23.9
2818	Soil	4.06	7.71	0.06	0.05	0.02	0.02	13.5	18.6	0.24	174	0.81	0.01	0.78	13.9
2819	Soil	4.66	5.58	0.07	0.13	0.03	0.03	18.0	41.7	0.53	237	0.92	<0.01	0.51	24.4
2820	Soil	5.86	5.78	0.08	0.16	0.06	0.03	11.7	49.3	0.44	200	2.83	<0.01	0.25	38.6
2821	Soil	4.44	5.69	0.06	0.08	0.02	0.03	18.8	38.1	0.44	182	0.81	<0.01	0.34	21.2
2822	Soil	3.31	3.82	<0.05	0.09	0.02	0.04	8.6	46.1	0.46	336	0.57	0.01	0.15	33.9
2823	Soil	3.56	4.82	<0.05	0.07	0.02	0.03	14.9	32.8	0.38	265	0.53	<0.01	0.48	23.9
2824	Soil	3.68	4.08	<0.05	0.07	0.03	0.05	10.8	38.7	0.40	427	0.65	<0.01	0.44	30.0
2825	Soil	4.03	5.76	0.05	0.09	0.02	0.02	11.4	80.4	0.92	329	0.47	<0.01	0.06	42.4
2826	Soil	3.56	5.50	0.05	0.07	0.02	0.03	18.9	67.3	0.73	408	0.55	<0.01	0.08	34.6
2827	Soil	2.68	4.67	<0.05	0.04	0.01	0.03	17.5	42.0	0.49	442	0.44	<0.01	0.40	22.9
2828	Soil	1.25	2.43	<0.05	0.03	0.01	0.03	4.1	13.2	0.12	260	0.31	0.03	0.27	10.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2829	Soil	3.72	4.29	0.05	0.17	0.03	0.04	14.2	43.9	0.46	756	0.66	<0.01	0.53	40.5
2830	Soil	4.04	2.23	0.06	0.10	0.03	0.03	8.1	12.6	0.17	447	1.03	<0.01	0.14	33.4
2831	Soil	3.51	2.69	0.05	0.16	0.03	0.03	7.2	19.3	0.26	524	0.81	0.01	0.31	33.6
2832	Soil	3.02	3.54	<0.05	0.07	0.02	0.02	9.7	38.7	0.51	662	0.49	<0.01	0.37	30.7
2833	Soil	3.21	3.97	0.05	0.10	0.02	0.02	13.3	47.3	0.56	590	0.47	<0.01	0.39	31.6
2834	Soil	4.56	5.01	0.06	0.36	0.06	0.09	23.7	35.7	0.40	1264	0.91	0.01	0.64	47.0
2835	Soil	2.09	4.12	<0.05	0.02	0.01	0.02	17.1	25.7	0.35	184	0.36	<0.01	0.74	14.2
2836	Soil	3.31	2.98	<0.05	0.09	0.03	0.03	9.0	33.2	0.41	483	0.45	<0.01	0.12	31.0
2837	Soil	3.48	3.64	<0.05	<0.02	0.02	0.03	12.6	20.5	0.28	636	1.07	<0.01	0.40	28.5
2838	Soil	3.48	4.74	<0.05	0.03	0.02	0.03	10.0	31.9	0.44	520	0.54	<0.01	0.33	25.9
2839	Soil	0.23	0.50	<0.05	0.75	<0.01	0.02	0.5	1.0	0.02	191	0.27	0.02	0.07	1.3
2840	Soil	2.97	4.09	<0.05	0.35	0.02	0.03	4.7	29.7	0.37	2193	1.09	<0.01	0.20	28.0
2841	Soil	3.33	4.62	0.05	0.22	0.02	0.02	8.6	51.8	0.57	363	0.51	<0.01	0.16	33.7
2842	Soil	3.41	4.78	<0.05	0.20	0.02	0.03	7.0	54.5	0.62	676	0.50	<0.01	0.16	34.8
2843	Soil	4.37	4.01	0.06	0.22	0.02	0.02	7.2	41.7	0.55	1236	0.40	<0.01	0.17	37.8
2844	Soil	3.33	4.57	<0.05	0.17	0.02	0.02	10.2	49.3	0.60	418	0.33	<0.01	0.09	31.6
2845	Soil	3.45	5.19	<0.05	0.04	0.02	0.02	12.8	25.6	0.34	320	0.54	<0.01	0.34	22.6
2846	Soil	2.90	4.85	0.05	0.06	0.01	0.02	8.9	40.7	0.53	233	0.41	0.01	0.17	27.2
2847	Soil	4.04	6.46	0.05	0.05	0.02	0.03	19.8	36.5	0.48	348	0.55	<0.01	0.36	26.3
2848	Soil	3.71	5.59	0.05	0.08	0.02	0.02	21.7	51.9	0.66	311	0.44	<0.01	0.36	31.0
2849	Soil	2.97	4.51	<0.05	0.19	0.02	0.02	6.2	47.7	0.61	431	0.47	<0.01	0.21	28.6
2850	Soil	3.55	4.84	<0.05	0.19	0.03	0.02	10.4	55.0	0.63	545	0.31	<0.01	0.13	34.3
2851	Soil	4.08	5.13	0.05	0.16	0.03	0.02	8.6	59.0	0.76	590	0.50	<0.01	0.07	41.2
2852	Soil	4.51	7.92	0.06	0.11	0.03	0.02	7.9	45.5	0.62	700	0.55	<0.01	0.24	26.2
2853	Soil	4.39	6.94	0.06	0.12	0.04	0.02	10.0	58.5	0.71	731	0.75	<0.01	0.22	33.1
2854	Soil	3.33	5.06	<0.05	0.09	0.02	0.03	9.0	45.0	0.56	929	0.46	0.01	0.19	29.3
2855	Soil	2.09	4.87	<0.05	<0.02	0.01	0.02	15.9	15.4	0.20	240	0.53	<0.01	0.28	14.0
2856	Soil	3.02	6.41	<0.05	0.04	0.02	0.03	18.4	33.8	0.09	680	0.84	<0.01	0.42	28.8
2857	Soil	2.28	5.16	<0.05	0.03	0.03	0.02	19.7	34.9	0.03	159	0.63	<0.01	0.20	23.5
2858	Soil	1.58	5.81	0.06	0.04	0.03	0.03	18.6	44.9	0.11	330	0.86	<0.01	0.46	13.7
2859	Soil	0.85	1.57	<0.05	<0.02	0.01	0.02	11.0	3.8	0.08	206	0.54	0.02	<0.05	8.5
2860	Soil	3.22	2.39	<0.05	0.03	0.01	0.02	9.0	10.7	0.36	297	0.46	<0.01	0.13	36.4
2861	Soil	1.62	2.95	<0.05	0.04	0.02	0.03	15.2	30.7	0.12	189	0.57	0.01	0.15	15.8
2862	Soil	1.88	1.84	<0.05	0.03	<0.01	0.01	5.3	4.6	0.05	136	0.40	<0.01	0.16	16.3
2863	Soil	4.15	1.49	<0.05	0.05	<0.01	0.02	7.5	1.5	0.58	347	0.56	<0.01	0.14	30.0
2864	Soil	4.53	1.24	<0.05	<0.02	0.02	0.03	25.1	1.3	0.55	421	0.83	<0.01	0.22	43.0
2865	Soil	4.13	1.66	<0.05	0.02	0.02	0.03	12.0	5.6	0.42	440	0.88	<0.01	0.68	23.8
2866	Soil	2.61	4.22	<0.05	0.03	0.01	0.02	11.2	17.8	0.24	139	0.48	<0.01	0.32	14.9
2867	Soil	2.31	2.89	0.06	0.04	0.01	0.02	25.2	26.1	0.28	200	0.36	<0.01	0.08	20.5
2868	Soil	3.83	5.31	0.05	0.03	0.02	0.02	20.0	22.5	0.28	265	0.54	<0.01	0.38	19.0

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2869	Soil	1.12	1.60	<0.05	<0.02	<0.01	0.02	9.2	1.3	0.02	103	0.53	0.02	0.14	9.4
2870	Soil	2.09	3.51	0.05	0.02	0.02	0.03	9.1	25.3	0.28	206	0.36	0.01	0.29	15.2

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3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1851	Soil	650	31.9	3.2	<0.01	0.03	1.26	2.0	0.3	0.2	15.1	<0.01	0.07	7.5	0.008
1852	Soil	435	29.9	3.9	<0.01	0.02	1.29	1.5	0.3	0.2	6.8	<0.01	0.10	6.4	<0.005
1853	Soil	429	34.0	5.4	<0.01	0.05	1.33	0.9	0.3	<0.2	13.0	<0.01	0.04	5.5	<0.005
1854	Soil	587	23.1	4.4	<0.01	0.03	1.12	0.7	<0.2	0.3	5.4	<0.01	0.06	2.3	<0.005
1855	Soil	899	18.1	5.0	<0.01	0.04	0.59	0.5	0.4	<0.2	9.0	<0.01	0.04	1.0	<0.005
1856	Soil	701	48.4	4.8	<0.01	0.04	2.59	3.1	0.9	<0.2	33.5	<0.01	0.13	8.3	<0.005
1857	Soil	770	49.9	5.5	<0.01	0.04	2.61	2.8	0.9	<0.2	35.9	<0.01	0.13	6.9	<0.005
1858	Soil	350	25.0	3.7	<0.01	0.03	0.96	0.9	<0.2	<0.2	9.3	<0.01	0.08	4.7	<0.005
1859	Soil	882	27.7	5.3	<0.01	0.02	0.95	1.0	0.4	0.2	4.6	<0.01	0.07	5.3	<0.005
1860	Soil	563	107.6	5.8	<0.01	0.04	2.42	0.9	0.4	0.2	15.4	<0.01	0.11	2.5	<0.005
1861	Soil	1185	55.6	8.8	<0.01	0.03	1.59	2.8	0.5	0.3	28.0	<0.01	0.11	7.5	<0.005
1862	Soil	594	20.4	4.4	<0.01	0.02	1.25	1.0	0.3	0.3	4.8	<0.01	0.10	3.4	<0.005
1863	Soil	717	18.4	6.1	<0.01	0.02	0.89	1.0	0.4	0.4	4.9	<0.01	0.07	4.4	0.006
1864	Soil	846	18.2	5.0	<0.01	0.02	0.79	0.9	0.3	0.4	5.2	<0.01	0.09	4.2	0.005
1865	Soil	569	23.2	6.1	<0.01	0.02	1.91	0.8	0.6	0.3	4.2	<0.01	0.20	6.8	<0.005
1866	Soil	315	27.3	5.0	<0.01	0.02	1.69	1.8	0.2	0.3	16.1	<0.01	0.10	8.6	<0.005
1867	Soil	358	38.8	4.8	<0.01	0.02	2.49	1.4	0.3	<0.2	8.5	<0.01	0.12	8.9	<0.005
1868	Soil	369	23.2	5.0	<0.01	0.02	1.19	0.8	0.3	0.3	8.9	<0.01	0.07	4.6	0.006
1869	Soil	429	25.0	3.6	<0.01	0.02	2.04	0.8	0.3	0.3	6.1	<0.01	0.11	6.1	<0.005
1870	Soil	344	8.6	3.1	<0.01	0.01	1.50	0.4	<0.2	0.2	7.9	<0.01	0.04	3.2	<0.005
1871	Soil	387	21.7	6.2	<0.01	0.02	0.77	0.9	<0.2	0.6	9.1	<0.01	0.06	4.2	<0.005
1872	Soil	230	7.3	3.4	<0.01	0.01	0.49	0.3	<0.2	0.3	5.6	<0.01	0.04	1.0	0.008
1873	Soil	452	16.8	5.3	<0.01	<0.01	1.27	0.9	0.3	0.4	4.6	<0.01	0.07	7.5	<0.005
1874	Soil	221	8.3	3.1	<0.01	<0.01	0.64	0.5	<0.2	0.3	2.9	<0.01	0.08	5.2	<0.005
1875	Soil	450	12.7	2.0	<0.01	0.02	0.47	0.4	<0.2	0.3	5.3	<0.01	0.05	1.5	<0.005
1876	Soil	171	11.3	3.1	<0.01	<0.01	0.49	0.6	<0.2	0.4	3.4	<0.01	0.04	5.7	<0.005
1877	Soil	146	9.8	2.5	<0.01	<0.01	0.52	0.9	0.2	<0.2	3.7	<0.01	0.09	6.5	<0.005
1878	Soil	284	17.1	3.3	<0.01	0.01	0.59	1.5	<0.2	<0.2	10.8	<0.01	0.06	7.0	<0.005
1879	Soil	344	17.0	4.2	<0.01	0.02	0.77	1.0	0.2	<0.2	13.8	<0.01	0.06	3.8	<0.005
1880	Soil	738	18.1	2.3	<0.01	0.05	0.43	1.2	0.5	0.2	47.4	0.01	0.05	2.2	0.012
1881	Soil	767	52.7	3.3	<0.01	0.03	2.86	1.3	0.3	0.2	8.8	<0.01	0.09	5.3	<0.005
1882	Soil	1068	105.3	3.9	<0.01	0.06	1.30	0.9	0.6	0.3	6.0	<0.01	0.08	1.6	0.006
1883	Soil	459	70.5	3.0	<0.01	0.02	2.78	2.0	<0.2	0.2	26.9	<0.01	0.07	5.7	<0.005
1884	Soil	722	33.1	3.5	<0.01	0.03	3.32	1.2	<0.2	<0.2	6.8	<0.01	0.09	3.3	<0.005
1885	Soil	772	36.4	3.6	<0.01	0.02	2.16	1.6	0.4	0.2	6.3	<0.01	0.08	5.0	<0.005
1886	Soil	670	145.3	2.9	<0.01	0.03	2.87	1.7	0.2	0.2	10.3	<0.01	0.08	6.2	<0.005
1887	Soil	740	57.1	3.4	<0.01	0.02	1.39	1.5	0.3	<0.2	17.0	<0.01	0.12	5.6	<0.005
1888	Soil	1138	41.2	3.8	<0.01	0.06	1.89	1.2	0.5	0.3	6.3	<0.01	0.12	3.5	0.007
1889	Soil	1167	113.1	4.7	<0.01	0.05	2.03	0.9	0.2	0.3	9.1	<0.01	0.06	2.5	<0.005
1890	Soil	1300	39.5	3.4	<0.01	0.04	2.08	1.3	<0.2	<0.2	6.5	<0.01	0.09	4.0	<0.005

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1891	Soil	826	163.0	2.5	<0.01	0.03	3.02	1.7	0.4	0.2	10.5	<0.01	0.08	5.6	0.005
1892	Soil	981	40.6	2.9	<0.01	0.03	2.04	1.4	0.2	<0.2	5.1	<0.01	0.13	5.4	<0.005
1893	Soil	327	35.9	1.5	<0.01	0.01	1.16	2.1	<0.2	<0.2	2.7	<0.01	0.04	8.0	<0.005
1894	Soil	1125	72.3	3.9	<0.01	0.06	1.93	0.7	0.4	0.3	8.3	<0.01	0.07	1.2	0.006
1895	Soil	1148	54.9	2.6	<0.01	0.05	2.66	4.9	0.6	<0.2	18.3	<0.01	0.19	3.6	<0.005
1896	Soil	802	38.1	2.8	<0.01	0.03	4.99	1.8	0.3	<0.2	15.3	<0.01	0.10	2.9	<0.005
1897	Soil	481	20.7	2.3	<0.01	0.02	3.58	2.3	0.4	0.2	12.4	<0.01	0.11	4.4	<0.005
1898	Soil	537	15.4	3.2	<0.01	0.02	2.18	1.8	<0.2	0.3	7.7	<0.01	0.08	2.9	<0.005
1899	Soil	690	10.0	2.7	<0.01	0.03	1.16	0.7	0.3	0.2	5.9	<0.01	0.03	0.5	<0.005
1900	Soil	532	19.1	2.4	<0.01	0.02	2.83	2.3	0.3	0.2	13.2	<0.01	0.11	3.0	<0.005
1901	Soil	1056	21.0	3.2	<0.01	0.04	0.97	1.0	0.5	0.3	4.8	0.01	0.09	1.9	0.006
1902	Soil	922	35.7	3.7	<0.01	0.03	1.02	1.7	0.3	0.2	6.0	<0.01	0.07	4.0	<0.005
1903	Soil	480	23.1	4.3	<0.01	0.01	1.08	1.3	0.2	0.2	19.2	<0.01	0.08	5.6	<0.005
1904	Soil	1061	37.3	4.6	<0.01	0.03	1.12	1.4	0.2	0.4	6.9	<0.01	0.07	2.8	<0.005
1905	Soil	654	9.4	3.4	<0.01	0.04	0.45	1.5	<0.2	<0.2	12.2	<0.01	0.03	3.4	<0.005
1906	Soil	629	20.7	3.2	<0.01	0.02	0.72	1.5	0.3	0.3	9.1	<0.01	0.08	4.5	<0.005
1907	Soil	942	13.2	6.3	<0.01	0.05	0.36	0.8	0.2	0.2	10.9	<0.01	0.04	1.3	0.005
1908	Soil	429	12.5	3.5	<0.01	0.01	0.48	2.1	<0.2	<0.2	9.1	<0.01	0.07	5.8	<0.005
1909	Soil	1180	19.3	2.7	<0.01	0.05	0.97	0.9	0.3	0.4	8.5	<0.01	0.09	3.0	<0.005
1910	Soil	500	42.3	1.9	<0.01	0.01	1.88	2.8	0.2	<0.2	4.0	<0.01	0.09	9.6	<0.005
1911	Soil	496	78.6	4.1	<0.01	0.03	1.66	1.4	0.4	0.4	7.2	<0.01	0.07	3.2	0.007
1912	Soil	394	68.0	2.3	<0.01	0.01	0.35	5.2	0.4	0.2	17.1	<0.01	0.13	14.0	<0.005
1913	Soil	615	58.4	2.3	<0.01	0.01	0.79	4.6	0.3	<0.2	17.5	<0.01	0.14	12.3	<0.005
1914	Soil	485	74.9	1.6	<0.01	<0.01	0.48	4.6	0.5	0.2	12.9	<0.01	0.14	20.2	<0.005
1915	Soil	416	26.2	2.0	<0.01	<0.01	1.08	3.2	<0.2	0.2	16.5	<0.01	0.13	15.6	<0.005
2696	Soil	402	45.4	3.0	<0.01	0.02	4.40	1.0	0.3	0.2	16.9	<0.01	0.15	3.4	<0.005
2697	Soil	614	58.6	4.6	<0.01	0.03	1.74	1.0	0.5	0.4	81.0	<0.01	0.07	1.2	<0.005
2698	Soil	700	23.6	3.5	<0.01	0.02	0.91	1.3	<0.2	0.3	7.7	<0.01	0.10	3.3	0.006
2699	Soil	668	14.9	4.6	<0.01	0.02	0.87	0.7	0.3	0.3	6.4	<0.01	0.07	1.3	<0.005
2700	Soil	486	18.1	4.7	<0.01	0.02	0.93	1.1	0.2	0.3	5.8	<0.01	0.09	2.5	0.006
2701	Soil	684	19.3	4.7	<0.01	0.03	0.89	0.7	0.3	0.3	5.6	<0.01	0.05	1.4	0.006
2702	Soil	740	12.9	3.7	<0.01	0.03	0.65	0.6	0.2	0.2	4.5	<0.01	0.07	1.4	<0.005
2703	Soil	386	20.4	4.6	<0.01	0.01	1.04	1.5	0.4	0.2	4.4	<0.01	0.11	7.3	<0.005
2704	Soil	373	3.7	1.4	<0.01	0.03	0.10	0.2	<0.2	<0.2	4.8	<0.01	<0.01	<0.2	0.009
2705	Soil	380	23.6	4.6	<0.01	0.02	1.01	1.5	0.5	<0.2	3.8	<0.01	0.10	9.0	<0.005
2706	Soil	354	18.9	4.6	<0.01	0.02	1.00	1.3	0.3	0.3	3.5	<0.01	0.13	8.0	<0.005
2707	Soil	758	20.2	4.8	<0.01	0.03	0.87	0.8	0.3	0.4	3.9	<0.01	0.09	2.4	0.007
2708	Soil	1272	58.1	3.6	<0.01	0.04	1.54	2.2	0.4	0.2	5.7	0.01	0.10	4.9	0.009
2709	Soil	569	25.9	4.6	<0.01	0.04	1.76	1.6	0.6	0.2	11.4	<0.01	0.11	8.8	0.006
2710	Soil	612	12.1	5.8	<0.01	0.03	1.08	0.2	0.2	0.4	5.9	<0.01	0.05	0.3	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2711	Soil	775	23.8	4.8	<0.01	0.03	2.65	0.9	0.4	0.2	11.1	<0.01	0.11	3.7	<0.005
2712	Soil	463	13.3	5.3	<0.01	0.02	1.19	1.1	0.2	0.2	5.4	<0.01	0.09	7.8	<0.005
2713	Soil	375	18.4	5.9	<0.01	0.01	1.95	1.1	0.3	0.2	6.0	<0.01	0.13	8.4	<0.005
2714	Soil	419	17.4	6.3	<0.01	0.02	1.52	0.7	0.3	0.4	6.7	<0.01	0.11	3.2	<0.005
2715	Soil	792	31.9	5.2	<0.01	0.04	4.09	0.8	0.5	0.3	8.0	<0.01	0.18	5.2	<0.005
2716	Soil	412	28.8	4.7	<0.01	0.02	2.05	1.1	0.4	<0.2	8.1	<0.01	0.10	6.0	<0.005
2717	Soil	781	16.8	5.7	<0.01	0.03	0.64	0.6	0.2	0.4	3.7	<0.01	0.07	1.8	<0.005
2718	Soil	201	3.0	1.0	<0.01	0.01	0.09	0.3	<0.2	<0.2	4.8	0.01	<0.01	<0.2	0.014
2719	Soil	287	9.5	4.8	<0.01	0.01	0.35	0.5	<0.2	0.2	3.7	<0.01	0.03	1.5	0.007
2720	Soil	411	21.5	7.0	<0.01	0.01	0.75	1.6	0.3	0.4	4.7	<0.01	0.13	9.1	0.008
2721	Soil	372	20.4	4.9	<0.01	0.02	0.86	1.2	<0.2	0.3	5.4	<0.01	0.09	8.4	<0.005
2722	Soil	369	23.3	4.9	<0.01	0.01	0.80	1.4	0.3	0.3	5.7	<0.01	0.08	8.2	0.005
2723	Soil	348	13.3	6.1	<0.01	<0.01	0.77	1.2	0.2	0.3	3.8	<0.01	0.07	7.8	0.005
2724	Soil	336	84.3	3.8	<0.01	0.02	1.26	1.5	0.6	0.2	10.6	<0.01	0.09	6.4	<0.005
2725	Soil	477	74.9	6.3	<0.01	0.01	1.15	1.2	<0.2	0.3	11.2	<0.01	0.08	4.9	<0.005
2726	Soil	351	18.0	6.5	<0.01	0.01	0.74	0.9	<0.2	0.3	5.5	<0.01	0.06	5.4	<0.005
2727	Soil	501	11.4	5.4	<0.01	0.01	0.87	0.8	0.3	0.3	6.0	<0.01	0.03	4.3	0.006
2728	Soil	415	17.2	4.1	<0.01	0.02	0.93	0.6	<0.2	0.3	5.4	<0.01	0.02	1.8	<0.005
2729	Soil	412	18.7	7.5	<0.01	0.01	0.70	1.3	0.5	0.3	4.4	<0.01	0.05	6.3	0.005
2730	Soil	270	18.8	3.8	<0.01	<0.01	0.76	1.8	0.2	<0.2	10.5	<0.01	0.06	11.1	<0.005
2731	Soil	420	15.5	7.4	<0.01	0.01	0.67	1.6	0.3	0.3	33.1	<0.01	0.03	5.9	0.005
2732	Soil	465	17.9	3.6	<0.01	0.01	0.71	2.0	0.2	<0.2	35.2	<0.01	0.04	7.7	<0.005
2733	Soil	377	23.8	3.0	<0.01	<0.01	0.84	2.0	0.2	<0.2	24.0	<0.01	0.07	10.0	<0.005
2734	Soil	362	21.5	2.8	<0.01	<0.01	0.81	1.8	0.2	<0.2	23.4	<0.01	0.06	10.1	<0.005
2735	Soil	390	24.2	3.2	<0.01	0.01	0.90	2.1	0.4	<0.2	27.1	<0.01	0.05	10.6	<0.005
2736	Soil	474	20.4	2.7	<0.01	0.02	0.80	1.5	0.3	<0.2	43.6	<0.01	0.06	6.7	<0.005
2737	Soil	409	32.3	3.1	<0.01	0.01	1.03	1.8	0.4	0.2	6.6	<0.01	0.08	5.9	<0.005
2738	Soil	470	22.1	3.3	<0.01	0.01	0.84	1.3	0.3	0.3	5.7	<0.01	0.07	3.7	<0.005
2739	Soil	404	24.2	2.5	<0.01	0.01	1.16	1.7	0.3	<0.2	3.9	<0.01	0.07	7.6	<0.005
2740	Soil	510	19.3	3.1	<0.01	0.02	0.59	1.0	0.2	0.5	5.4	<0.01	0.05	1.5	0.011
2741	Soil	918	25.0	2.7	<0.01	0.02	0.90	0.8	0.3	0.3	4.5	<0.01	0.09	1.8	<0.005
2742	Soil	673	21.7	3.7	<0.01	0.02	1.07	1.0	0.4	0.2	4.4	<0.01	0.05	3.0	<0.005
2743	Soil	437	15.1	4.5	<0.01	0.02	0.74	0.8	0.4	0.4	5.0	<0.01	0.05	1.6	0.007
2744	Soil	523	25.3	4.1	<0.01	0.02	3.65	1.2	0.6	0.2	3.8	<0.01	0.12	4.1	<0.005
2745	Soil	380	24.1	4.5	<0.01	0.02	0.85	1.3	0.3	0.2	3.3	<0.01	0.07	6.4	<0.005
2746	Soil														
2747	Soil														
2748	Soil														
2766	Soil	1222	47.8	3.8	<0.01	0.05	1.04	1.1	0.4	<0.2	11.9	<0.01	0.05	2.8	<0.005
2767	Soil	754	37.8	2.9	<0.01	0.02	1.10	2.7	0.4	0.5	41.6	<0.01	0.07	3.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2768	Soil	1168	42.6	2.8	<0.01	0.02	0.93	2.2	0.2	0.3	26.9	<0.01	0.10	4.6	<0.005
2769	Soil	620	29.0	2.8	<0.01	0.04	0.60	2.1	0.3	<0.2	10.9	<0.01	0.08	5.5	<0.005
2770	Soil	561	20.6	2.5	<0.01	0.01	0.55	2.8	0.3	<0.2	13.4	<0.01	0.11	7.5	<0.005
2771	Soil	747	12.7	4.8	<0.01	0.04	0.33	2.1	0.3	<0.2	13.4	<0.01	0.07	3.8	<0.005
2772	Soil	851	15.7	2.4	<0.01	0.04	0.32	2.0	<0.2	<0.2	13.8	<0.01	0.07	3.0	<0.005
2773	Soil	610	19.8	2.6	<0.01	0.01	0.57	2.4	0.3	<0.2	14.7	<0.01	0.07	5.7	<0.005
2774	Soil	837	13.7	2.3	<0.01	0.05	0.24	0.8	0.3	<0.2	13.4	<0.01	0.03	1.1	<0.005
2775	Soil	1071	16.7	3.7	<0.01	0.05	0.36	0.7	0.3	<0.2	10.7	<0.01	0.06	1.3	<0.005
2776	Soil	1022	22.4	4.9	<0.01	0.04	0.57	1.6	0.4	0.2	15.0	<0.01	0.06	4.5	<0.005
2777	Soil	390	23.8	2.1	<0.01	<0.01	1.07	1.6	<0.2	<0.2	6.3	<0.01	0.07	10.7	<0.005
2778	Soil	524	34.4	2.4	<0.01	0.02	1.62	1.2	0.3	<0.2	10.8	<0.01	0.07	5.8	<0.005
2779	Soil	800	22.3	5.3	<0.01	0.03	0.70	0.9	<0.2	<0.2	12.0	<0.01	0.07	2.8	<0.005
2780	Soil	515	29.9	2.2	<0.01	<0.01	1.03	2.7	<0.2	<0.2	15.3	<0.01	0.08	12.1	<0.005
2781	Soil	562	19.9	3.3	<0.01	0.02	0.59	1.1	0.5	<0.2	7.8	<0.01	0.07	4.7	<0.005
2782	Soil	449	19.7	2.8	<0.01	0.01	1.18	1.3	<0.2	<0.2	3.9	<0.01	0.09	6.4	<0.005
2783	Soil	366	31.5	3.7	<0.01	0.01	1.06	1.4	0.3	<0.2	2.9	<0.01	0.07	10.0	<0.005
2784	Soil	404	24.5	2.0	<0.01	0.01	1.68	1.7	<0.2	<0.2	4.3	<0.01	0.10	10.2	<0.005
2785	Soil	415	23.8	3.1	<0.01	0.01	1.26	1.2	0.2	<0.2	7.4	<0.01	0.07	6.3	<0.005
2786	Soil	399	20.2	3.4	<0.01	0.01	1.20	1.0	0.3	<0.2	7.4	<0.01	0.10	5.0	<0.005
2787	Soil	384	24.2	4.0	<0.01	0.01	1.30	1.2	<0.2	<0.2	5.7	<0.01	0.09	6.7	<0.005
2788	Soil	356	25.2	4.1	<0.01	0.01	1.81	1.2	0.2	<0.2	6.9	<0.01	0.13	7.7	<0.005
2789	Soil	624	20.8	2.9	<0.01	0.02	0.71	1.3	0.4	<0.2	10.6	<0.01	0.05	4.0	<0.005
2790	Soil	559	29.6	3.2	<0.01	0.03	0.86	2.5	0.5	<0.2	13.0	<0.01	0.10	8.4	<0.005
2791	Soil	465	15.6	3.8	<0.01	<0.01	0.87	1.4	<0.2	<0.2	11.3	<0.01	0.04	7.6	<0.005
2792	Soil	443	19.6	6.8	<0.01	0.01	0.49	1.5	<0.2	0.3	9.8	<0.01	0.05	5.4	0.008
2793	Soil	328	18.2	3.6	<0.01	<0.01	0.50	1.7	0.2	<0.2	8.8	<0.01	0.05	8.9	<0.005
2815	Soil	495	28.9	4.3	<0.01	0.01	0.91	1.0	<0.2	0.2	2.8	<0.01	0.08	7.1	<0.005
2816	Soil	467	18.3	4.1	<0.01	0.01	0.87	0.8	<0.2	0.3	3.3	<0.01	0.08	4.1	<0.005
2817	Soil	480	16.4	3.7	<0.01	0.01	0.74	1.2	<0.2	0.3	3.0	<0.01	0.07	8.4	<0.005
2818	Soil	692	15.9	4.4	<0.01	0.01	0.63	0.9	0.4	0.4	3.5	<0.01	0.09	5.3	<0.005
2819	Soil	300	26.6	4.1	<0.01	0.01	0.73	1.4	0.3	0.3	3.1	<0.01	0.11	8.6	<0.005
2820	Soil	650	59.3	4.6	<0.01	0.04	1.50	1.4	0.9	0.3	9.0	<0.01	0.40	14.7	<0.005
2821	Soil	261	24.5	5.5	<0.01	0.01	0.99	1.2	0.4	0.2	3.6	<0.01	0.11	9.3	<0.005
2822	Soil	240	21.8	4.5	<0.01	0.01	0.73	1.6	0.3	<0.2	8.9	<0.01	0.09	9.1	<0.005
2823	Soil	189	32.4	4.9	<0.01	<0.01	0.79	1.2	<0.2	0.3	3.8	<0.01	0.03	7.6	<0.005
2824	Soil	464	73.2	5.0	<0.01	0.01	1.06	1.3	0.4	0.3	13.1	<0.01	0.09	6.6	<0.005
2825	Soil	221	14.9	2.6	<0.01	<0.01	0.56	1.6	<0.2	<0.2	11.9	<0.01	0.07	9.6	<0.005
2826	Soil	225	31.9	3.2	<0.01	0.01	0.60	1.4	0.2	<0.2	13.0	<0.01	0.09	9.4	<0.005
2827	Soil	266	17.5	5.0	<0.01	<0.01	0.42	1.2	<0.2	0.2	11.6	<0.01	0.05	6.7	<0.005
2828	Soil	339	13.8	3.8	<0.01	0.02	0.29	0.5	<0.2	<0.2	15.9	<0.01	<0.01	1.0	0.007

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2829	Soil	645	38.3	6.5	<0.01	0.03	1.12	3.0	0.4	0.3	31.2	<0.01	0.08	9.3	<0.005
2830	Soil	530	37.3	3.6	<0.01	0.03	2.83	1.7	0.3	<0.2	19.1	<0.01	0.07	8.1	<0.005
2831	Soil	621	48.4	5.2	<0.01	0.05	2.09	1.9	0.5	0.3	42.2	<0.01	0.08	8.0	<0.005
2832	Soil	321	20.5	3.0	<0.01	0.01	0.80	1.3	0.3	<0.2	11.7	<0.01	0.04	6.4	<0.005
2833	Soil	336	23.0	3.2	<0.01	<0.01	0.68	1.5	<0.2	<0.2	10.3	<0.01	0.04	8.4	<0.005
2834	Soil	1665	57.3	6.5	<0.01	0.09	2.27	3.6	0.9	0.4	59.2	<0.01	0.14	9.0	<0.005
2835	Soil	94	13.5	4.7	<0.01	<0.01	0.45	1.2	<0.2	0.4	10.9	<0.01	0.02	6.0	0.008
2836	Soil	545	30.6	3.1	<0.01	0.02	0.77	1.9	0.3	<0.2	22.2	<0.01	0.04	5.4	<0.005
2837	Soil	757	43.8	4.6	<0.01	0.02	1.17	1.1	0.3	0.3	6.6	<0.01	0.05	4.6	0.008
2838	Soil	677	30.3	3.6	<0.01	0.02	0.94	0.9	0.3	0.2	4.5	<0.01	0.07	3.0	0.006
2839	Soil	221	2.3	1.2	<0.01	0.02	<0.05	0.2	0.2	<0.2	4.9	<0.01	<0.01	0.3	0.006
2840	Soil	1366	31.8	6.2	<0.01	0.10	0.80	1.7	0.5	<0.2	37.5	<0.01	0.08	4.4	<0.005
2841	Soil	490	21.4	3.3	<0.01	0.04	0.74	1.9	0.6	<0.2	21.9	<0.01	0.08	5.0	<0.005
2842	Soil	686	22.4	5.3	<0.01	0.04	0.70	1.9	0.6	<0.2	19.7	<0.01	0.09	5.7	<0.005
2843	Soil	1020	25.5	3.6	<0.01	0.06	0.71	1.9	0.7	<0.2	29.1	<0.01	0.05	5.3	<0.005
2844	Soil	601	17.9	3.4	<0.01	0.02	0.51	1.7	<0.2	<0.2	12.1	<0.01	0.08	5.9	<0.005
2845	Soil	627	16.7	3.5	<0.01	0.02	0.88	0.8	0.4	0.3	4.5	<0.01	0.07	2.5	<0.005
2846	Soil	561	12.1	3.2	<0.01	0.02	0.44	1.0	<0.2	<0.2	5.8	<0.01	0.05	3.1	<0.005
2847	Soil	485	18.4	5.7	<0.01	0.01	0.78	1.1	0.3	0.3	5.2	<0.01	0.10	5.0	<0.005
2848	Soil	366	20.6	3.9	<0.01	0.01	0.67	1.4	0.3	<0.2	3.9	<0.01	0.08	7.2	<0.005
2849	Soil	728	18.9	3.6	<0.01	0.04	0.54	1.5	0.3	<0.2	21.8	<0.01	0.06	4.8	<0.005
2850	Soil	639	25.5	3.7	<0.01	0.02	0.70	2.1	0.4	<0.2	15.0	<0.01	0.08	6.4	<0.005
2851	Soil	524	30.1	2.8	<0.01	0.03	0.98	2.4	0.4	<0.2	15.6	<0.01	0.09	7.5	<0.005
2852	Soil	1561	15.5	2.3	<0.01	0.03	0.22	0.9	0.3	<0.2	6.4	<0.01	0.08	2.4	<0.005
2853	Soil	1017	43.4	2.9	<0.01	0.02	0.45	1.9	0.4	0.2	4.3	<0.01	0.08	6.4	<0.005
2854	Soil	770	22.8	5.2	<0.01	0.03	0.63	1.4	0.5	0.2	11.7	<0.01	0.06	4.0	<0.005
2855	Soil	417	13.6	4.2	<0.01	0.01	0.79	0.5	<0.2	0.3	3.7	<0.01	0.06	1.8	<0.005
2856	Soil	803	44.0	4.4	<0.01	0.02	1.29	1.0	<0.2	0.3	4.4	<0.01	0.10	7.4	<0.005
2857	Soil	336	28.0	3.6	<0.01	<0.01	1.01	1.9	0.3	<0.2	4.6	<0.01	0.09	9.1	<0.005
2858	Soil	399	25.5	4.5	<0.01	0.02	0.81	1.4	<0.2	0.3	3.3	<0.01	0.08	8.4	<0.005
2859	Soil	390	15.2	2.4	<0.01	0.02	0.43	0.5	<0.2	<0.2	1.5	<0.01	0.06	2.7	<0.005
2860	Soil	365	30.0	4.4	<0.01	<0.01	0.75	0.5	<0.2	<0.2	12.5	<0.01	0.04	2.0	<0.005
2861	Soil	516	19.9	2.4	<0.01	0.02	1.52	1.4	<0.2	<0.2	15.6	<0.01	0.08	7.3	<0.005
2862	Soil	295	15.4	2.8	<0.01	<0.01	0.45	0.3	<0.2	<0.2	19.0	<0.01	<0.01	0.6	<0.005
2863	Soil	339	14.0	2.4	<0.01	0.01	0.60	0.7	<0.2	<0.2	32.9	<0.01	0.05	3.8	<0.005
2864	Soil	402	17.3	2.4	<0.01	<0.01	0.89	1.0	<0.2	0.2	7.8	<0.01	0.04	4.7	<0.005
2865	Soil	555	20.4	2.8	<0.01	0.01	0.57	1.4	0.5	0.2	24.6	<0.01	0.05	3.7	<0.005
2866	Soil	508	21.2	2.2	<0.01	0.01	0.46	0.7	<0.2	0.3	3.9	<0.01	0.06	3.1	<0.005
2867	Soil	274	16.0	3.1	<0.01	<0.01	0.68	0.8	<0.2	<0.2	3.9	<0.01	0.05	6.4	<0.005
2868	Soil	384	17.5	5.7	<0.01	0.01	0.90	0.9	0.3	0.2	3.6	<0.01	0.10	8.3	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2869	Soil	236	8.5	3.3	<0.01	<0.01	0.81	0.3	0.2	<0.2	5.5	<0.01	0.01	1.7	<0.005
2870	Soil	562	33.8	5.3	<0.01	0.02	0.39	0.5	<0.2	0.3	6.5	<0.01	0.04	0.9	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1851	Soil	<0.05	1.91	20	0.35	1.80	163	1.9
1852	Soil	<0.05	1.50	16	0.27	1.85	137	1.2
1853	Soil	<0.05	0.83	11	0.81	1.26	66	0.5
1854	Soil	<0.05	0.76	16	0.85	1.47	72	<0.5
1855	Soil	<0.05	0.93	12	0.54	1.58	66	0.9
1856	Soil	0.06	10.59	12	0.59	13.26	197	2.9
1857	Soil	0.06	8.53	12	0.66	12.51	167	2.7
1858	Soil	<0.05	0.77	16	0.66	1.41	58	<0.5
1859	Soil	<0.05	0.76	21	0.72	1.45	71	0.6
1860	Soil	<0.05	1.20	10	1.50	2.26	153	0.5
1861	Soil	0.07	4.09	15	0.56	9.98	198	4.4
1862	Soil	<0.05	1.36	17	0.45	1.41	92	0.7
1863	Soil	0.06	0.89	23	0.31	1.57	71	0.5
1864	Soil	<0.05	0.93	26	0.32	1.16	72	<0.5
1865	Soil	<0.05	0.61	21	0.32	0.89	57	0.9
1866	Soil	<0.05	1.21	16	0.32	1.82	86	0.6
1867	Soil	<0.05	1.54	15	0.23	1.46	105	0.9
1868	Soil	<0.05	0.64	20	0.26	1.03	64	0.7
1869	Soil	<0.05	0.62	17	0.24	0.92	65	0.9
1870	Soil	<0.05	0.32	15	0.20	0.62	38	<0.5
1871	Soil	<0.05	0.78	17	0.24	1.37	63	<0.5
1872	Soil	<0.05	0.41	20	0.23	1.02	30	<0.5
1873	Soil	0.05	0.53	22	0.38	1.52	46	0.5
1874	Soil	<0.05	0.43	20	0.21	1.14	42	<0.5
1875	Soil	<0.05	0.52	18	0.21	0.86	33	<0.5
1876	Soil	<0.05	0.49	20	1.34	1.43	32	<0.5
1877	Soil	<0.05	0.73	9	0.14	1.28	50	<0.5
1878	Soil	<0.05	0.66	15	0.22	2.15	69	1.6
1879	Soil	<0.05	0.79	14	0.64	1.88	60	0.7
1880	Soil	<0.05	1.93	11	0.15	7.51	21	2.4
1881	Soil	0.05	2.16	16	0.21	2.61	125	<0.5
1882	Soil	<0.05	1.62	21	0.15	2.16	143	0.5
1883	Soil	0.05	1.91	12	0.73	2.95	129	<0.5
1884	Soil	<0.05	1.50	17	0.13	2.17	108	1.0
1885	Soil	<0.05	1.63	15	0.13	2.82	111	1.6
1886	Soil	<0.05	1.68	17	0.42	2.50	161	1.1
1887	Soil	<0.05	1.95	20	0.11	2.37	154	1.4
1888	Soil	<0.05	1.50	21	0.12	2.10	148	1.7
1889	Soil	0.06	1.64	16	0.40	1.75	122	1.3
1890	Soil	<0.05	1.71	18	0.13	3.09	127	2.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1891	Soil	<0.05	1.54	16	0.27	2.51	178	1.6
1892	Soil	<0.05	1.57	19	0.11	2.02	149	2.4
1893	Soil	<0.05	0.92	17	0.06	1.95	150	2.1
1894	Soil	<0.05	1.23	17	0.25	1.86	116	0.8
1895	Soil	<0.05	2.48	14	0.09	15.33	116	3.5
1896	Soil	<0.05	0.74	16	0.13	3.71	108	1.0
1897	Soil	<0.05	1.20	15	0.23	3.18	108	1.0
1898	Soil	<0.05	1.08	15	0.27	2.26	89	0.8
1899	Soil	<0.05	0.93	16	0.15	2.70	60	0.5
1900	Soil	<0.05	1.18	14	0.31	4.64	104	1.1
1901	Soil	<0.05	1.18	21	0.15	1.70	91	2.1
1902	Soil	<0.05	1.62	20	0.12	2.04	110	2.3
1903	Soil	<0.05	0.90	14	0.17	2.00	100	0.7
1904	Soil	<0.05	1.26	27	0.14	2.08	113	1.4
1905	Soil	<0.05	1.55	14	0.09	2.23	88	2.7
1906	Soil	<0.05	0.83	22	0.11	1.91	105	1.2
1907	Soil	<0.05	1.30	17	0.10	2.16	72	1.6
1908	Soil	<0.05	0.71	17	0.08	1.90	118	1.6
1909	Soil	<0.05	0.88	15	0.11	1.37	66	1.4
1910	Soil	<0.05	1.26	18	0.10	2.82	152	2.3
1911	Soil	0.07	0.99	26	0.17	2.21	130	0.6
1912	Soil	<0.05	1.75	20	0.08	9.57	156	2.5
1913	Soil	0.05	1.58	19	0.07	8.62	166	2.2
1914	Soil	0.05	1.78	23	0.08	7.78	180	5.1
1915	Soil	<0.05	1.58	18	0.08	3.86	131	3.0
2696	Soil	<0.05	1.20	12	0.32	1.54	89	<0.5
2697	Soil	0.06	1.07	18	0.51	2.69	64	<0.5
2698	Soil	<0.05	0.88	23	0.31	1.67	98	1.6
2699	Soil	<0.05	0.66	18	0.21	1.31	54	<0.5
2700	Soil	<0.05	0.95	19	0.53	1.68	83	0.5
2701	Soil	0.06	0.95	20	0.45	1.61	62	<0.5
2702	Soil	<0.05	0.59	16	0.35	1.48	57	0.8
2703	Soil	<0.05	0.85	18	0.21	2.30	100	1.6
2704	Soil	<0.05	0.31	13	0.07	0.81	11	<0.5
2705	Soil	<0.05	0.72	17	0.55	1.68	87	2.6
2706	Soil	<0.05	0.62	21	0.38	1.51	84	2.2
2707	Soil	<0.05	0.76	20	0.37	1.51	65	<0.5
2708	Soil	<0.05	1.44	18	0.16	8.05	135	4.2
2709	Soil	0.05	1.80	20	0.36	2.02	110	2.0
2710	Soil	<0.05	0.61	22	0.34	1.37	46	<0.5

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2711	Soil	<0.05	0.86	18	0.28	1.45	93	1.9
2712	Soil	<0.05	0.55	19	0.16	1.48	84	1.1
2713	Soil	<0.05	0.74	17	0.23	1.31	85	1.4
2714	Soil	<0.05	0.56	18	0.43	1.14	44	<0.5
2715	Soil	<0.05	1.06	19	0.23	1.17	74	2.6
2716	Soil	<0.05	1.09	16	0.19	1.06	79	2.1
2717	Soil	<0.05	0.52	22	0.20	1.25	54	0.6
2718	Soil	<0.05	0.20	13	0.06	0.56	10	<0.5
2719	Soil	<0.05	0.55	17	0.17	1.19	36	<0.5
2720	Soil	<0.05	0.93	24	0.27	1.70	101	1.8
2721	Soil	<0.05	0.77	21	0.84	1.53	90	2.1
2722	Soil	<0.05	0.78	23	0.30	1.57	105	1.8
2723	Soil	<0.05	0.56	24	0.26	1.27	96	1.6
2724	Soil	<0.05	1.76	10	0.27	4.51	220	1.0
2725	Soil	<0.05	1.18	19	0.51	1.69	110	1.1
2726	Soil	<0.05	0.53	22	0.33	1.34	65	<0.5
2727	Soil	<0.05	0.54	22	0.31	1.09	50	1.3
2728	Soil	<0.05	0.57	17	0.24	0.97	39	0.7
2729	Soil	0.06	0.78	20	0.27	2.10	62	1.3
2730	Soil	<0.05	0.69	15	0.14	3.33	82	1.4
2731	Soil	<0.05	0.77	14	0.16	4.08	67	2.7
2732	Soil	<0.05	0.76	14	0.11	4.17	87	3.9
2733	Soil	<0.05	0.63	14	0.14	3.61	85	4.5
2734	Soil	<0.05	0.70	14	0.16	3.24	85	4.3
2735	Soil	<0.05	0.74	15	0.16	4.36	84	5.6
2736	Soil	<0.05	1.11	13	0.15	3.10	90	5.3
2737	Soil	<0.05	1.05	18	0.25	2.44	109	1.6
2738	Soil	<0.05	0.95	18	0.22	1.93	90	1.1
2739	Soil	<0.05	1.17	16	0.41	2.59	112	2.8
2740	Soil	0.08	0.65	30	0.27	1.67	90	<0.5
2741	Soil	<0.05	0.70	20	0.33	1.93	86	1.2
2742	Soil	<0.05	0.89	17	0.22	1.84	81	1.7
2743	Soil	0.07	0.63	23	0.27	1.80	71	<0.5
2744	Soil	<0.05	0.97	16	0.26	1.83	85	1.3
2745	Soil	<0.05	0.66	18	0.17	1.65	89	1.6
2746	Soil							
2747	Soil							
2748	Soil							
2766	Soil	0.07	1.58	17	0.29	3.26	139	0.9
2767	Soil	0.05	2.21	43	0.12	4.66	148	0.9

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Certificate of Analysis

11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2768	Soil	0.06	1.72	32	0.11	4.06	146	0.6
2769	Soil	<0.05	1.03	16	0.06	2.60	117	2.2
2770	Soil	<0.05	0.98	17	0.07	3.90	119	2.3
2771	Soil	<0.05	1.09	16	<0.05	2.88	127	3.3
2772	Soil	<0.05	1.40	14	0.06	5.75	69	2.6
2773	Soil	<0.05	1.04	20	0.07	3.32	130	2.8
2774	Soil	<0.05	0.82	10	0.09	2.07	37	1.6
2775	Soil	<0.05	0.76	16	0.12	0.97	80	1.2
2776	Soil	<0.05	1.55	16	0.13	3.14	96	2.9
2777	Soil	<0.05	1.43	16	0.18	1.89	137	1.7
2778	Soil	<0.05	1.62	12	0.56	2.20	140	0.9
2779	Soil	<0.05	0.75	15	0.19	1.39	82	1.5
2780	Soil	<0.05	1.19	19	0.20	3.67	139	5.2
2781	Soil	<0.05	0.91	15	0.22	1.37	95	1.8
2782	Soil	<0.05	0.89	16	0.25	2.11	122	1.6
2783	Soil	<0.05	0.84	15	0.80	2.03	101	1.9
2784	Soil	<0.05	1.20	15	0.20	1.74	122	1.8
2785	Soil	<0.05	0.94	14	0.28	1.60	97	1.5
2786	Soil	<0.05	0.79	14	0.27	1.54	83	1.3
2787	Soil	<0.05	0.73	15	0.36	1.59	98	1.4
2788	Soil	<0.05	0.77	15	0.33	1.64	92	0.8
2789	Soil	<0.05	1.09	15	0.19	2.32	71	2.1
2790	Soil	<0.05	1.76	17	0.15	4.24	118	4.0
2791	Soil	<0.05	0.85	15	0.23	2.56	79	1.7
2792	Soil	0.06	0.71	22	0.20	3.31	80	1.1
2793	Soil	<0.05	0.69	18	0.19	3.22	81	2.0
2815	Soil	<0.05	0.74	19	0.23	1.43	82	1.3
2816	Soil	<0.05	0.82	21	0.29	1.44	72	0.6
2817	Soil	<0.05	0.64	23	0.22	1.36	74	1.5
2818	Soil	<0.05	0.66	31	0.24	1.40	59	0.9
2819	Soil	<0.05	0.58	19	0.22	1.37	79	4.1
2820	Soil	0.09	1.95	18	0.14	1.53	134	4.3
2821	Soil	<0.05	0.61	19	0.15	1.34	79	2.3
2822	Soil	<0.05	1.07	13	0.10	1.59	77	2.1
2823	Soil	<0.05	0.56	21	0.18	1.42	125	2.2
2824	Soil	<0.05	1.23	16	0.19	2.04	125	1.4
2825	Soil	<0.05	1.30	14	0.06	1.71	100	2.1
2826	Soil	<0.05	0.74	16	0.09	1.65	87	2.0
2827	Soil	<0.05	0.71	16	0.14	1.87	69	0.8
2828	Soil	<0.05	0.72	11	0.14	1.21	35	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2829	Soil	0.06	3.04	19	0.34	7.98	115	3.8
2830	Soil	<0.05	2.28	11	0.31	4.15	110	2.6
2831	Soil	0.07	2.91	12	0.38	6.59	90	3.8
2832	Soil	<0.05	0.92	14	0.46	2.17	89	1.6
2833	Soil	<0.05	0.95	15	0.33	2.54	87	1.8
2834	Soil	0.07	4.94	21	0.48	21.22	104	7.3
2835	Soil	<0.05	0.49	21	0.19	1.92	57	0.6
2836	Soil	<0.05	0.97	12	0.09	4.02	100	2.1
2837	Soil	0.08	1.40	20	0.30	2.33	91	<0.5
2838	Soil	<0.05	0.69	20	0.15	1.42	92	0.6
2839	Soil	<0.05	0.19	8	<0.05	0.11	7	<0.5
2840	Soil	<0.05	4.47	14	0.12	3.96	113	5.1
2841	Soil	<0.05	2.32	15	0.06	3.61	86	4.8
2842	Soil	<0.05	3.14	15	0.09	3.97	116	4.1
2843	Soil	<0.05	3.72	13	0.09	6.01	206	5.0
2844	Soil	<0.05	0.96	15	0.09	2.27	112	3.3
2845	Soil	<0.05	0.63	20	0.19	1.22	81	0.7
2846	Soil	<0.05	0.82	16	0.09	1.04	76	1.1
2847	Soil	<0.05	0.67	23	0.17	1.40	105	0.8
2848	Soil	<0.05	0.83	18	0.21	2.19	96	1.7
2849	Soil	<0.05	2.03	15	0.11	3.71	80	3.4
2850	Soil	<0.05	2.42	16	0.10	4.44	116	4.1
2851	Soil	<0.05	1.68	16	0.08	3.59	138	3.4
2852	Soil	<0.05	0.66	25	<0.05	1.52	88	2.2
2853	Soil	<0.05	1.17	22	0.18	2.07	121	2.8
2854	Soil	<0.05	1.46	16	0.12	2.98	86	1.9
2855	Soil	<0.05	0.60	18	0.22	1.37	48	<0.5
2856	Soil	<0.05	0.86	23	0.23	1.39	70	1.0
2857	Soil	<0.05	1.18	18	0.19	1.65	61	1.2
2858	Soil	<0.05	0.77	20	0.32	1.65	37	1.2
2859	Soil	<0.05	0.49	10	0.39	0.94	23	<0.5
2860	Soil	<0.05	0.81	11	0.30	1.02	93	0.5
2861	Soil	<0.05	1.89	13	0.31	2.81	44	0.9
2862	Soil	<0.05	0.77	9	0.12	2.57	53	<0.5
2863	Soil	<0.05	1.00	10	0.22	2.80	82	1.0
2864	Soil	<0.05	1.03	14	0.41	1.80	128	<0.5
2865	Soil	<0.05	3.24	18	0.20	6.36	83	0.5
2866	Soil	<0.05	0.70	16	0.21	1.25	44	0.7
2867	Soil	<0.05	0.79	12	0.16	1.42	56	<0.5
2868	Soil	<0.05	0.66	19	0.18	1.28	73	0.9

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2869	Soil	<0.05	0.32	9	0.14	0.63	26	<0.5
2870	Soil	<0.05	1.27	15	0.13	1.70	51	<0.5

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1851	Soil		0.48	1.90	85.6	24	0.71	0.43	0.01	0.09	26.02	31.6	28	3.87	84.0
1851 Dup			0.49	2.00	86.7	24	0.67	0.40	0.01	0.09	27.90	31.4	28	3.93	83.2
QCV1108-01193-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6230.5
1869	Soil		0.29	0.93	60.2	30	0.24	0.42	0.01	0.10	21.91	5.5	10	0.72	27.9
1869 Dup			0.28	0.93	63.2	32	0.23	0.41	0.01	0.09	24.30	6.0	11	0.80	28.5
QCV1108-01193-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					8.95				21.5			>10000
1887	Soil		0.26	1.70	33.2	18	0.74	0.54	0.03	0.17	23.96	19.6	30	3.47	80.3
1887 Dup			0.24	1.69	33.5	18	0.72	0.55	0.03	0.18	22.49	19.9	30	3.44	77.2
QCV1108-01193-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.46					8.73				21.9			>10000
1905	Soil		0.09	1.64	20.1	31	0.33	0.27	0.14	0.10	11.81	8.7	21	4.15	22.2
1905 Dup			0.09	1.69	21.7	32	0.34	0.29	0.15	0.11	13.14	9.2	21	4.34	22.9
QCV1108-01193-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.39					8.77				22.6			>10000
2703	Soil		0.04	1.88	36.0	39	0.42	0.39	0.02	0.11	33.19	12.5	24	1.05	27.5
2703 Dup			0.04	1.89	34.3	39	0.37	0.37	0.02	0.10	31.31	12.5	24	1.06	28.3
QCV1108-01193-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6350.2
2721	Soil		0.16	1.75	686.0	40	0.37	0.39	0.02	0.12	33.03	10.1	19	1.97	30.1
2721 Dup			0.16	1.75	706.4	41	0.38	0.37	0.02	0.11	35.11	10.4	21	2.06	31.1
QCV1108-01193-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6257.4
2739	Soil		0.05	1.75	57.5	27	0.40	0.38	0.02	0.10	24.50	14.8	22	0.97	43.8
2739 Dup			0.04	1.74	58.8	28	0.41	0.38	0.02	0.10	25.63	15.3	23	1.00	42.9
QCV1108-01193-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43					8.76				22.3			>10000
2774	Soil		0.26	0.92	32.6	30	0.17	0.30	0.32	0.05	6.85	4.6	9	1.69	14.6
2774 Dup			0.27	0.93	34.8	31	0.21	0.30	0.32	0.05	6.78	4.6	9	1.69	15.0
QCV1108-01193-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6368.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2792	Soil		0.10	1.46	40.1	58	0.28	0.37	0.11	0.08	40.93	10.8	20	1.25	25.1
2792 Dup			0.10	1.46	40.8	60	0.34	0.37	0.11	0.08	40.21	11.1	20	1.29	24.8
QCV1108-01193-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6131.5
2831	Soil		0.59	0.97	615.0	70	0.57	0.41	0.54	0.14	13.94	16.0	12	2.73	47.2
2831 Dup			0.62	1.00	597.2	68	0.53	0.39	0.54	0.13	11.89	16.1	11	2.62	48.2
QCV1108-01193-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.27					8.84				21.8			>10000
QCV1108-01193-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
2849	Soil		0.18	1.60	98.1	56	0.43	0.36	0.71	0.07	11.41	11.4	22	1.79	36.5
2849 Dup			0.17	1.61	99.6	55	0.39	0.35	0.71	0.07	13.20	11.7	22	1.83	37.3
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6211.5
QCV1108-01193-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
2867	Soil		0.12	0.85	25.0	26	0.15	0.33	0.01	0.05	44.25	8.1	15	0.79	22.9
2867 Dup			0.07	0.85	24.7	26	0.18	0.33	0.01	0.06	48.33	8.1	15	0.83	22.5
QCV1108-01193-0036-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.29					8.73				22.4			>10000
1851	Soil	0.018													
1851 Dup		0.028													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.835													
1869	Soil	0.019													
1869 Dup		0.023													
QCV1108-01194-0004-BLK		<0.005													
1887	Soil	0.007													
1887 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.882													
1905	Soil	0.014													
1905 Dup		0.029													
QCV1108-01194-0008-BLK		<0.005													
2703	Soil	0.019													
2703 Dup		0.008													
2721	Soil	0.046													
2721 Dup		0.055													
QCV1108-01194-0012-BLK		0.007													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2739	Soil	<0.005													
2739 Dup		0.006													
2774	Soil	0.019													
2774 Dup		0.022													
QCV1108-01194-0016-BLK		<0.005													
2792	Soil	0.005													
2792 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.886													
2831	Soil	0.135													
2831 Dup		0.155													
QCV1108-01194-0020-BLK		<0.005													
2849	Soil	0.005													
2849 Dup		0.010													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.884													
2867	Soil	0.009													
2867 Dup		0.010													
QCV1108-01194-0024-BLK		<0.005													

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Certificate of Analysis

11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1851	Soil	4.78	5.45	<0.05	0.13	0.03	0.03	13.5	58.6	0.70	486	0.79	<0.01	0.52	53.8
1851 Dup		4.79	5.54	<0.05	0.08	0.03	0.03	14.9	54.3	0.70	488	0.82	<0.01	0.47	56.0
QCV1108-01193-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1869	Soil	3.30	4.23	<0.05	0.03	0.02	0.03	12.3	10.6	0.14	143	0.72	0.01	0.37	14.1
1869 Dup		3.38	4.25	<0.05	0.02	0.02	0.03	13.5	11.2	0.14	142	0.76	0.01	0.37	14.2
QCV1108-01193-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1887	Soil	4.56	5.09	<0.05	0.10	0.03	0.03	13.5	45.8	0.60	622	0.70	<0.01	0.15	47.8
1887 Dup		4.52	4.89	<0.05	0.09	0.03	0.03	12.7	47.2	0.60	622	0.69	<0.01	0.15	44.7
QCV1108-01193-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1905	Soil	2.96	4.50	<0.05	0.15	0.02	0.03	5.6	46.5	0.60	278	0.35	0.01	0.14	28.9
1905 Dup		2.99	4.86	<0.05	0.15	0.02	0.03	6.2	49.0	0.60	278	0.33	0.01	0.14	29.7
QCV1108-01193-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2703	Soil	3.77	5.00	0.06	0.09	0.02	0.04	17.1	50.7	0.65	397	0.54	<0.01	0.29	35.5
2703 Dup		3.75	5.03	<0.05	0.09	0.02	0.04	16.2	49.7	0.66	392	0.53	<0.01	0.28	36.0
QCV1108-01193-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2721	Soil	4.15	5.83	<0.05	0.07	0.02	0.04	17.7	32.8	0.43	293	0.63	<0.01	0.58	23.6
2721 Dup		4.16	6.12	0.06	0.06	0.02	0.04	18.7	33.3	0.43	301	0.63	<0.01	0.60	24.6
QCV1108-01193-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2739	Soil	3.92	4.49	<0.05	0.14	0.02	0.02	12.6	48.7	0.64	442	0.45	<0.01	0.13	40.7
2739 Dup		3.96	4.82	0.05	0.15	0.02	0.02	13.4	50.0	0.64	449	0.48	<0.01	0.12	40.1
QCV1108-01193-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2774	Soil	1.65	2.99	<0.05	0.10	0.02	0.03	3.7	15.9	0.26	322	0.29	0.02	0.25	12.0
2774 Dup		1.68	3.05	<0.05	0.09	0.02	0.03	3.7	16.4	0.27	325	0.32	0.02	0.27	12.2
QCV1108-01193-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2792	Soil	3.03	4.97	0.06	0.13	0.02	0.04	20.3	41.9	0.55	415	0.43	<0.01	0.53	25.1
2792 Dup		2.97	5.06	<0.05	0.11	0.02	0.03	20.0	44.5	0.55	407	0.43	<0.01	0.55	25.0
QCV1108-01193-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2831	Soil	3.51	2.69	0.05	0.16	0.03	0.03	7.2	19.3	0.26	524	0.81	0.01	0.31	33.6
2831 Dup		3.60	2.55	<0.05	0.17	0.03	0.04	6.1	17.5	0.26	526	0.80	0.01	0.31	34.7
QCV1108-01193-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01193-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2849	Soil	2.97	4.51	<0.05	0.19	0.02	0.02	6.2	47.7	0.61	431	0.47	<0.01	0.21	28.6
2849 Dup		3.04	4.69	<0.05	0.24	0.02	0.02	7.2	47.3	0.61	430	0.47	<0.01	0.22	28.7
QCV1108-01193-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2867	Soil	2.31	2.89	0.06	0.04	0.01	0.02	25.2	26.1	0.28	200	0.36	<0.01	0.08	20.5
2867 Dup		2.36	2.94	<0.05	0.02	0.01	0.02	27.7	25.6	0.28	205	0.34	<0.01	0.07	20.6
QCV1108-01193-0036-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

3Ace Property, Northern Tiger Resources Inc.
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1851	Soil	650	31.9	3.2	<0.01	0.03	1.26	2.0	0.3	0.2	15.1	<0.01	0.07	7.5	0.008
1851 Dup		651	31.5	3.3	<0.01	0.03	1.26	1.7	0.8	0.2	16.3	<0.01	0.09	6.3	0.008
QCV1108-01193-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1869	Soil	429	25.0	3.6	<0.01	0.02	2.04	0.8	0.3	0.3	6.1	<0.01	0.11	6.1	<0.005
1869 Dup		431	25.9	3.8	<0.01	0.02	2.13	0.8	0.3	0.3	6.1	<0.01	0.09	5.9	<0.005
QCV1108-01193-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.2				1.72		12.2	16.1					
1887	Soil	740	57.1	3.4	<0.01	0.02	1.39	1.5	0.3	<0.2	17.0	<0.01	0.12	5.6	<0.005
1887 Dup		736	58.0	3.4	<0.01	0.02	1.46	1.4	0.3	<0.2	17.0	<0.01	0.12	5.8	<0.005
QCV1108-01193-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.9				1.69		13.0	16.4					
1905	Soil	654	9.4	3.4	<0.01	0.04	0.45	1.5	<0.2	<0.2	12.2	<0.01	0.03	3.4	<0.005
1905 Dup		656	9.7	3.5	<0.01	0.04	0.44	1.6	0.3	<0.2	12.9	<0.01	0.03	3.8	<0.005
QCV1108-01193-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.6				1.68		12.3	16.4					
2703	Soil	386	20.4	4.6	<0.01	0.01	1.04	1.5	0.4	0.2	4.4	<0.01	0.11	7.3	<0.005
2703 Dup		391	20.2	4.5	<0.01	0.01	1.04	1.5	0.4	<0.2	4.3	<0.01	0.06	7.0	<0.005
QCV1108-01193-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2721	Soil	372	20.4	4.9	<0.01	0.02	0.86	1.2	<0.2	0.3	5.4	<0.01	0.09	8.4	<0.005
2721 Dup		373	21.2	5.1	<0.01	0.02	0.93	1.3	0.2	0.3	5.4	<0.01	0.08	7.9	<0.005
QCV1108-01193-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2739	Soil	404	24.2	2.5	<0.01	0.01	1.16	1.7	0.3	<0.2	3.9	<0.01	0.07	7.6	<0.005
2739 Dup		396	23.4	2.7	<0.01	0.01	1.19	1.8	0.3	<0.2	3.9	<0.01	0.08	7.5	<0.005
QCV1108-01193-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.9				1.73		12.5	16.5					
2774	Soil	837	13.7	2.3	<0.01	0.05	0.24	0.8	0.3	<0.2	13.4	<0.01	0.03	1.1	<0.005
2774 Dup		840	14.0	2.4	<0.01	0.05	0.24	0.8	<0.2	<0.2	13.9	<0.01	0.04	1.0	<0.005
QCV1108-01193-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2792	Soil	443	19.6	6.8	<0.01	0.01	0.49	1.5	<0.2	0.3	9.8	<0.01	0.05	5.4	0.008
2792 Dup		441	19.3	6.9	<0.01	0.01	0.50	1.6	0.3	0.2	10.1	<0.01	0.07	5.4	0.008
QCV1108-01193-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2831	Soil	621	48.4	5.2	<0.01	0.05	2.09	1.9	0.5	0.3	42.2	<0.01	0.08	8.0	<0.005
2831 Dup		628	47.5	4.6	<0.01	0.05	2.07	1.8	0.5	0.2	40.5	<0.01	0.07	7.3	<0.005
QCV1108-01193-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.9				1.77		13.2	17.4					
QCV1108-01193-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
2849	Soil	728	18.9	3.6	<0.01	0.04	0.54	1.5	0.3	<0.2	21.8	<0.01	0.06	4.8	<0.005
2849 Dup		731	19.1	3.7	<0.01	0.04	0.54	1.6	0.4	<0.2	22.5	<0.01	0.04	5.1	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01193-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
2867	Soil	274	16.0	3.1	<0.01	<0.01	0.68	0.8	<0.2	<0.2	3.9	<0.01	0.05	6.4	<0.005
2867 Dup		273	15.4	3.2	<0.01	<0.01	0.70	0.8	<0.2	<0.2	3.9	<0.01	0.06	6.9	<0.005
QCV1108-01193-0036-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.5				1.71		13.2	17.5					

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11-360-06067-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1851	Soil	<0.05	1.91	20	0.35	1.80	163	1.9
1851 Dup		<0.05	1.79	21	0.32	1.79	169	1.7
QCV1108-01193-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5074	
1869	Soil	<0.05	0.62	17	0.24	0.92	65	0.9
1869 Dup		<0.05	0.59	17	0.24	0.97	66	0.7
QCV1108-01193-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
1887	Soil	<0.05	1.95	20	0.11	2.37	154	1.4
1887 Dup		<0.05	2.05	20	0.11	2.36	152	1.4
QCV1108-01193-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
1905	Soil	<0.05	1.55	14	0.09	2.23	88	2.7
1905 Dup		<0.05	1.71	14	0.09	2.37	89	2.8
QCV1108-01193-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
2703	Soil	<0.05	0.85	18	0.21	2.30	100	1.6
2703 Dup		<0.05	0.79	18	0.21	2.32	100	1.7
QCV1108-01193-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5114	
2721	Soil	<0.05	0.77	21	0.84	1.53	90	2.1
2721 Dup		<0.05	0.73	22	0.81	1.60	91	2.2
QCV1108-01193-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4915	
2739	Soil	<0.05	1.17	16	0.41	2.59	112	2.8
2739 Dup		<0.05	1.13	16	0.37	2.68	111	2.9
QCV1108-01193-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							185	
2774	Soil	<0.05	0.82	10	0.09	2.07	37	1.6
2774 Dup		<0.05	0.84	11	0.09	2.19	37	1.7
QCV1108-01193-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4972	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2792	Soil	0.06	0.71	22	0.20	3.31	80	1.1
2792 Dup		0.06	0.73	22	0.20	3.36	80	1.2
QCV1108-01193-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4962	
2831	Soil	0.07	2.91	12	0.38	6.59	90	3.8
2831 Dup		0.05	2.68	12	0.37	6.41	91	3.9
QCV1108-01193-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							183	
QCV1108-01193-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
2849	Soil	<0.05	2.03	15	0.11	3.71	80	3.4
2849 Dup		<0.05	1.94	15	0.12	3.72	81	3.6
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4983	
QCV1108-01193-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
2867	Soil	<0.05	0.79	12	0.16	1.42	56	<0.5
2867 Dup		<0.05	0.81	12	0.17	1.50	55	<0.5
QCV1108-01193-0036-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	

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Inspectorate Exploration & Mining Services Ltd.
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
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Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/12/2011
Date Completed: 09/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	195	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2871	Soil	0.022	0.12	1.27	59.5	45	0.29	0.38	0.04	0.09	16.03	8.2	19	0.97	27.8
2872	Soil	0.018	0.18	1.24	47.9	39	0.28	0.29	0.07	0.10	17.90	7.7	18	0.74	23.1
2873	Soil	0.011	0.07	0.89	49.8	32	0.21	0.29	0.07	0.15	14.92	6.8	14	1.61	17.4
2874	Soil	0.018	0.17	0.89	119.5	46	0.27	0.43	0.02	0.16	22.07	11.9	15	3.00	19.4
2875	Soil	0.015	0.07	1.00	138.5	27	0.21	0.40	0.01	0.16	25.56	6.9	17	1.19	16.9
2876	Soil	0.016	0.19	1.90	38.4	31	0.39	0.60	0.21	0.13	12.47	8.7	27	3.32	42.2
2877	Soil	0.015	0.42	1.94	37.4	66	0.56	0.52	0.71	0.17	12.96	23.0	25	3.54	76.8
2878	Soil	0.083	0.08	0.88	245.4	29	0.23	0.30	0.08	0.22	23.68	11.4	14	1.05	21.1
2879	Soil	0.038	0.29	1.05	182.4	46	0.46	0.28	0.17	0.13	16.98	11.7	12	1.20	25.5
2880	Soil	0.031	0.12	0.85	255.2	27	0.18	0.35	0.15	0.30	13.65	9.2	17	0.78	21.6
2881	Soil	0.010	0.10	0.87	145.9	33	0.22	0.27	0.14	0.13	14.52	8.3	14	0.70	15.6
2882	Soil	0.009	0.03	0.24	159.0	15	0.07	0.20	0.02	0.13	18.91	3.3	5	0.21	9.1
2883	Soil	0.054	0.07	0.44	460.3	12	0.13	0.29	<0.01	0.13	27.73	6.3	8	0.56	15.7
2884	Soil	0.081	0.34	0.58	290.6	45	0.39	0.34	0.37	0.20	15.57	13.8	10	1.58	33.5
2885	Soil	0.044	0.42	0.73	252.8	44	0.49	0.37	0.65	0.22	17.96	12.2	12	1.64	40.7
2886	Soil	0.010	0.14	0.77	135.9	57	0.29	0.34	0.13	0.50	17.89	7.5	12	2.22	26.9
2887	Soil	0.009	0.27	1.44	49.4	23	0.31	0.42	0.02	0.22	25.13	17.1	24	1.19	45.9
3001	Soil	<0.005	0.16	1.96	49.9	21	0.38	0.41	0.06	0.16	11.62	23.5	34	2.98	55.1
3002	Soil	0.006	0.05	2.25	39.1	20	0.55	0.39	0.05	0.09	17.67	36.7	36	3.01	70.5
3003	Soil	0.007	0.04	2.53	20.4	14	0.41	0.43	0.05	0.09	17.84	26.8	40	2.58	60.6
3004	Soil	<0.005	0.04	2.37	14.6	18	0.29	0.48	0.02	0.07	16.32	8.4	34	1.75	38.6
3005	Soil	<0.005	0.03	2.49	12.4	11	0.27	0.42	<0.01	0.07	21.45	9.1	36	1.61	26.2
3006	Soil	<0.005	0.03	1.70	6.1	23	0.16	0.29	0.02	0.07	14.39	5.1	24	2.00	18.9
3007	Soil	<0.005	0.03	2.66	12.5	12	0.22	0.42	0.01	0.08	25.04	11.9	40	2.11	31.9
3008	Soil	0.010	0.05	2.31	19.4	23	0.20	0.42	0.01	0.10	23.31	7.1	37	2.71	31.2
3009	Soil	0.010	0.03	2.56	26.7	17	0.21	0.46	0.03	0.09	21.72	9.8	41	2.61	37.0
3010	Soil	0.010	0.07	2.33	17.2	15	0.18	0.40	<0.01	0.11	9.33	7.7	38	3.95	26.7
3011	Soil	0.008	0.04	1.92	17.6	29	0.29	0.30	0.08	0.12	16.98	23.9	32	2.88	43.3
3012	Soil	0.007	0.04	2.18	20.2	17	0.21	0.37	0.02	0.09	19.17	12.6	40	2.42	38.3
3013	Soil	0.007	0.06	2.21	28.7	23	0.21	0.38	0.02	0.09	18.38	16.1	33	2.51	37.6
3014	Soil	0.007	0.04	2.15	35.0	16	0.19	0.38	0.01	0.07	22.05	11.5	37	1.72	30.5
3015	Soil	0.005	0.06	2.12	19.2	26	0.28	0.34	0.05	0.09	31.73	27.1	37	2.79	44.8
3016	Soil	0.007	0.09	2.21	24.1	20	0.31	0.35	0.05	0.14	27.99	28.3	36	2.06	46.6
3017	Soil	0.010	0.03	2.34	43.7	20	0.26	0.34	0.03	0.11	30.00	17.9	38	1.09	38.4
3018	Soil	0.009	0.08	1.55	38.5	36	0.42	0.38	0.04	0.16	20.00	32.2	26	1.63	72.1
3019	Soil	0.008	0.07	1.81	36.3	35	0.42	0.46	0.05	0.19	14.95	42.4	29	1.43	62.3
3020	Soil	0.007	0.05	1.79	6.0	22	0.34	0.40	0.02	0.13	12.71	17.5	29	1.22	40.7
3021	Soil	0.011	0.04	1.38	24.9	24	0.17	0.27	0.02	0.09	10.22	9.9	19	1.15	29.3
3022	Soil	0.019	0.19	1.03	69.8	40	0.31	0.29	0.02	0.18	13.71	9.1	19	1.88	25.2
3023	Soil	0.017	0.16	0.60	39.5	28	0.15	0.26	0.01	0.14	11.24	8.4	15	1.33	18.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3024	Soil	0.023	0.22	0.77	316.9	23	0.22	0.38	0.03	0.30	10.52	13.4	19	1.24	22.9
3025	Soil	0.222	0.36	0.78	868.6	29	0.34	0.45	0.27	0.39	10.50	14.4	12	2.29	40.5
3026	Soil	0.013	0.18	0.80	19.1	11	0.17	0.06	0.03	0.05	3.96	3.6	3	0.35	9.4
3027	Soil	0.029	0.12	1.28	98.3	22	0.10	0.30	0.01	0.07	4.26	9.9	19	1.65	19.2
3028	Soil	0.040	0.30	1.09	530.2	55	0.54	0.58	0.08	0.25	8.33	23.4	17	2.92	55.5
3029	Soil	0.198	0.56	0.90	1339.2	32	0.69	1.04	0.20	0.46	24.79	40.7	12	1.20	59.5
3030	Soil	0.013	0.20	0.98	90.4	24	0.40	0.29	0.39	0.13	7.20	11.0	18	3.02	34.0
3031	Soil	0.009	0.12	1.59	16.8	17	0.14	0.38	0.01	0.07	9.57	8.4	29	1.81	25.1
3032	Soil	0.007	0.23	1.24	14.0	75	0.30	0.41	0.09	0.61	8.43	15.4	21	1.25	24.6
3033	Soil	0.007	0.18	1.33	15.1	23	0.19	0.31	0.01	0.15	8.62	11.4	21	0.87	18.7
3034	Soil	0.008	0.18	0.84	15.2	20	0.24	0.21	0.04	0.09	5.76	9.6	10	0.91	18.4
3035	Soil	0.012	0.23	1.39	25.2	15	0.35	0.50	0.02	0.15	4.06	14.5	23	1.05	39.8
3036	Soil	0.021	0.15	1.33	76.6	34	0.32	0.47	0.03	0.15	8.92	13.6	21	1.24	33.9
3037	Soil	0.085	0.13	1.47	161.8	47	0.38	0.40	0.05	0.24	14.19	13.9	21	1.10	27.9
3038	Soil	0.823	0.45	1.11	537.6	31	0.25	0.26	0.01	0.22	11.74	10.4	15	0.89	25.3
3039	Soil	0.013	0.09	1.61	27.8	14	0.20	0.30	0.01	0.06	8.46	9.0	21	1.09	31.4
3040	Soil	0.010	0.06	2.07	22.7	84	0.25	0.45	0.02	0.20	18.10	25.2	35	1.23	29.6
3041	Soil	0.013	0.05	0.70	5.2	16	0.09	0.12	0.01	0.04	6.86	3.8	10	0.46	7.7
3042	Soil	0.016	0.08	2.48	43.5	16	0.40	0.49	0.02	0.19	27.36	14.6	39	1.76	39.7
3043	Soil	0.014	0.03	1.01	8.3	33	0.43	0.18	0.31	0.17	20.41	23.3	39	0.80	12.1
3044	Soil	0.014	0.09	0.93	8.0	43	0.25	0.29	0.08	0.09	8.67	4.5	16	0.52	15.2
3045	Soil	0.014	0.06	1.23	2.7	48	0.22	0.38	0.02	0.09	10.11	8.7	17	0.79	22.2
3046	Soil	0.009	0.05	1.32	13.1	29	0.28	0.33	0.02	0.09	11.43	6.7	16	0.68	21.9
3047	Soil	0.011	0.04	1.09	15.8	33	0.24	0.20	0.02	0.07	12.87	8.2	13	0.57	14.6
3048	Soil	0.013	0.06	1.52	21.7	24	0.44	0.29	0.08	0.07	15.65	12.2	19	0.69	25.0
3049	Soil	0.006	0.09	0.60	6.0	14	0.23	0.08	0.10	0.05	4.73	1.7	4	0.22	8.6
3050	Soil	0.007	0.06	1.33	23.2	26	0.42	0.37	0.04	0.05	12.86	18.6	17	0.55	31.7
3051	Soil	0.006	0.08	1.08	16.0	25	0.33	0.21	0.08	0.07	15.70	12.7	11	0.35	20.5
3052	Soil	0.010	0.06	1.00	27.6	16	0.39	0.21	0.18	0.06	10.89	16.9	10	0.40	22.1
3053	Soil	0.009	0.03	1.11	9.6	24	0.32	0.25	0.06	0.11	12.74	16.6	15	0.37	23.6
3054	Soil	<0.005	0.05	1.26	11.7	28	0.34	0.29	0.03	0.09	15.89	10.6	17	0.57	24.3
3055	Soil	0.010	0.05	1.08	7.8	27	0.23	0.25	0.02	0.09	12.06	8.5	15	0.58	18.1
3056	Soil	0.009	0.05	0.90	6.5	23	0.17	0.18	0.02	0.05	8.01	4.2	9	0.47	13.4
3057	Soil	0.013	0.05	0.88	8.1	30	0.18	0.21	0.03	0.15	8.58	6.5	16	0.39	15.8
3058	Soil	0.008	0.08	1.65	11.1	34	0.33	0.37	0.03	0.19	13.51	12.3	27	0.62	25.7
3059	Soil	0.012	0.11	1.04	8.5	32	0.20	0.31	0.03	0.13	9.28	8.6	18	0.62	17.9
3060	Soil	0.012	0.09	1.13	8.9	42	0.21	0.32	0.03	0.10	11.85	5.7	14	0.56	20.5
3061	Soil	0.012	0.07	1.40	12.8	26	0.28	0.39	0.02	0.14	11.29	12.3	23	0.66	26.0
3062	Soil	0.011	0.04	1.10	10.3	29	0.23	0.30	0.05	0.06	13.38	10.1	16	0.54	24.6
3063	Soil	0.010	0.06	1.64	13.0	28	0.35	0.42	0.04	0.11	13.29	13.3	30	0.75	20.9

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3064	Soil	0.015	0.05	1.63	14.2	35	0.47	0.44	0.04	0.15	18.72	20.8	28	0.81	36.7
3065	Soil	0.018	0.05	1.19	9.9	22	0.31	0.31	0.02	0.08	14.39	10.3	18	0.55	24.1
3066	Soil	0.016	0.07	1.61	17.4	51	0.49	0.37	0.11	0.27	33.10	16.4	26	0.64	31.8
3067	Soil	0.022	0.05	1.28	11.6	28	0.26	0.38	0.03	0.10	16.06	11.8	21	0.49	28.4
3068	Soil	0.015	0.04	1.38	12.0	21	0.35	0.36	0.02	0.09	17.36	16.4	21	0.35	30.3
3071	Soil	0.029	0.07	2.32	21.9	15	0.31	0.43	0.01	0.08	15.96	12.0	35	1.76	47.1
3072	Soil	0.014	0.07	1.55	29.8	23	0.25	0.40	0.01	0.06	15.64	7.7	26	1.65	31.8
3073	Soil	0.015	0.04	2.20	218.6	18	0.43	0.48	0.01	0.10	15.78	17.8	36	2.86	56.1
3074	Soil	0.012	0.04	1.76	17.4	22	0.21	0.41	0.02	0.09	13.71	8.2	27	1.81	21.7
3075	Soil	0.014	0.04	1.94	34.2	25	0.27	0.46	0.03	0.12	16.64	13.1	31	1.89	31.6
3076	Soil	0.012	0.03	2.28	13.5	15	0.29	0.36	0.03	0.08	11.65	17.0	34	1.94	42.1
3077	Soil	0.013	0.06	2.33	18.1	14	0.26	0.41	0.02	0.05	13.12	12.6	38	3.32	35.5
3078	Soil	0.014	0.06	2.30	16.3	17	0.27	0.39	0.01	0.08	14.15	27.5	36	2.94	30.4
3079	Soil	0.016	0.03	2.58	14.1	14	0.31	0.38	0.03	0.04	25.28	12.5	38	3.82	39.1
3080	Soil	0.097	0.06	2.08	18.6	15	0.25	0.39	0.03	0.04	10.09	8.1	35	3.80	30.8
3081	Soil	0.014	0.08	2.32	21.8	19	0.43	0.38	0.08	0.05	26.11	43.5	40	4.06	65.0
3082	Soil	0.014	0.05	2.05	52.4	17	0.27	0.36	0.01	0.11	15.38	15.9	33	2.90	41.2
3083	Soil	0.012	0.07	1.32	21.4	23	0.32	0.35	0.02	0.17	22.07	25.0	23	2.63	44.0
3084	Soil	0.006	0.20	1.55	27.4	28	0.26	0.34	0.03	0.08	11.77	15.1	26	4.18	39.1
3085	Soil	0.075	0.06	1.49	42.6	29	0.19	0.28	0.03	0.08	14.54	8.7	24	1.66	26.8
3086	Soil	0.011	0.04	1.63	16.2	32	0.31	0.34	0.07	0.07	15.64	17.3	23	1.37	48.2
3087	Soil	0.011	0.06	1.53	22.9	20	0.45	0.47	0.06	0.05	25.77	21.8	22	1.16	52.2
3088	Soil	0.009	0.08	1.90	18.0	17	0.37	0.43	0.02	0.05	15.96	20.3	28	1.43	45.2
3089	Soil	0.017	0.14	0.75	18.2	29	0.17	0.16	0.03	0.12	6.49	8.4	10	1.58	16.7
3090	Soil	0.014	0.10	1.57	108.5	27	0.22	0.41	0.02	0.11	14.61	18.9	25	1.98	33.5
3091	Soil	0.011	0.14	1.37	33.4	24	0.32	0.30	0.03	0.10	11.02	12.0	21	3.01	28.6
3092	Soil	0.031	0.48	1.39	187.0	41	0.63	0.52	0.22	0.10	11.46	14.2	22	6.10	56.9
3093	Soil	0.023	0.12	1.53	48.9	36	0.39	0.47	0.03	0.23	19.38	16.2	26	1.11	29.9
3094	Soil	0.011	0.11	1.11	113.6	57	0.47	0.36	0.10	0.25	15.35	11.8	15	6.98	25.3
3095	Soil	0.019	0.10	2.00	81.6	45	0.64	0.69	0.20	0.37	28.07	24.2	23	2.30	50.5
3096	Soil	0.043	0.27	1.39	323.8	23	0.22	0.47	0.06	0.29	16.07	11.3	22	0.62	32.4
3097	Soil	0.126	0.38	0.70	3338.5	114	0.20	0.45	0.02	0.28	12.65	16.6	14	1.17	44.1
3098	Soil	0.100	0.45	0.79	496.9	13	0.52	1.42	0.02	0.41	18.69	25.4	12	1.43	52.5
3099	Soil	0.023	0.10	1.55	207.9	21	0.28	0.66	0.03	0.18	13.07	16.4	24	1.78	39.8
3100	Soil	0.018	0.08	1.71	99.1	36	0.54	0.47	0.19	0.15	12.70	16.7	28	2.79	38.9
3101	Soil	0.013	0.07	2.21	22.5	12	0.32	0.37	0.15	0.06	14.31	12.9	36	2.11	26.5
3102	Soil	0.013	0.11	1.37	25.8	41	0.24	0.33	0.03	0.13	16.02	17.2	20	0.99	34.8
3103	Soil	0.206	0.74	0.77	724.9	30	0.18	0.51	<0.01	0.34	16.99	8.0	13	1.20	28.1
3104	Soil	0.175	0.80	0.21	627.8	25	0.09	0.51	<0.01	0.71	13.27	2.7	5	1.68	12.3
3105	Soil	0.596	2.61	0.56	1359.6	37	0.23	0.47	0.02	0.47	7.37	10.9	11	1.38	34.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3106	Soil	0.023	0.18	0.70	39.5	42	0.47	0.46	0.01	0.13	7.08	26.5	19	1.85	47.9
3107	Soil	0.016	0.18	1.41	60.4	26	0.25	0.61	0.02	0.13	8.74	14.1	22	1.42	34.9
3108	Soil	0.042	0.10	1.03	158.7	30	0.28	0.57	0.02	0.15	15.44	12.0	21	1.75	35.3
3109	Soil	0.019	0.09	1.17	67.2	30	0.21	0.37	0.01	0.10	11.01	8.2	16	1.13	23.0
3110	Soil	0.013	0.09	0.85	16.7	22	0.12	0.19	0.03	0.13	6.48	6.2	14	0.57	11.3
3111	Soil	0.017	0.19	1.69	21.9	31	0.19	0.37	0.02	0.28	11.96	13.0	28	1.00	19.6
3112	Soil	0.013	0.07	1.53	21.0	25	0.17	0.36	0.02	0.21	8.30	9.2	25	1.24	19.6
3113	Soil	0.019	0.10	1.79	156.6	36	0.43	0.29	0.04	0.20	16.55	12.9	23	1.23	35.7
3114	Soil	0.014	0.03	1.38	50.8	33	0.48	0.51	0.04	0.15	9.08	13.7	25	1.20	29.6
3115	Soil	0.010	0.02	0.90	3.0	38	0.53	0.17	0.28	0.17	11.73	16.1	29	0.67	5.2
3116	Soil	0.023	0.07	1.66	26.9	41	0.79	0.31	0.19	0.23	20.74	23.9	48	1.09	54.3
3117	Soil	0.084	0.24	1.35	714.2	31	0.93	0.33	0.10	0.15	31.02	27.1	20	1.32	37.5
3118	Soil	0.026	0.14	1.55	38.8	90	0.61	0.41	0.35	0.21	22.81	64.9	18	0.59	92.4
3119	Soil	0.012	0.03	1.64	5.6	27	0.17	0.31	0.04	0.03	17.61	12.2	20	0.48	25.7
3120	Soil	0.018	0.03	1.34	38.5	26	0.20	0.31	0.03	0.08	17.49	8.1	21	0.59	17.3
3121	Soil	0.011	0.07	1.57	12.2	53	0.27	0.34	0.02	0.14	16.91	8.9	21	0.82	24.0
3122	Soil	0.011	0.11	1.30	12.5	37	0.30	0.30	0.03	0.10	13.14	8.4	19	0.62	19.6
3123	Soil	0.024	0.04	1.40	14.6	24	0.29	0.27	0.07	0.11	17.46	9.3	20	0.61	24.4
3124	Soil	0.016	0.07	1.24	7.3	106	0.24	0.29	0.11	0.24	13.32	15.0	21	0.75	23.3
3125	Soil	0.009	0.05	1.27	5.3	30	0.24	0.22	0.05	0.10	12.75	6.8	18	0.72	17.1
3126	Soil	0.017	0.03	1.36	18.9	29	0.29	0.35	0.02	0.07	19.17	12.1	19	0.67	24.4
3127	Soil	0.014	0.13	1.25	16.3	47	0.35	0.23	0.22	0.15	12.71	6.9	20	0.61	18.9
3128	Soil	0.014	0.07	1.39	20.4	37	0.28	0.32	0.02	0.16	19.12	9.4	20	0.64	26.7
3129	Soil	0.015	0.04	1.30	25.0	41	0.24	0.33	0.03	0.16	20.06	10.0	19	0.56	32.1
3130	Soil	0.013	0.06	0.93	10.3	38	0.18	0.25	0.02	0.09	18.28	5.3	15	0.71	16.1
3131	Soil	0.017	0.04	1.09	14.5	24	0.18	0.29	0.02	0.12	14.61	8.8	18	0.73	24.7
3132	Soil	0.035	0.09	1.03	9.7	50	0.24	0.30	0.06	0.23	12.18	8.8	19	0.65	18.7
3153	Soil	0.011	0.06	1.04	6.5	32	0.19	0.25	0.03	0.14	14.19	4.4	17	0.71	15.2
3154	Soil	0.014	0.04	0.83	4.7	92	0.16	0.17	0.02	0.32	11.23	24.4	22	0.62	9.6
3155	Soil	0.015	0.05	1.56	12.5	38	0.25	0.38	0.02	0.17	25.89	9.4	27	0.89	24.3
3156	Soil	0.014	0.08	0.87	13.3	28	0.26	0.31	0.02	0.19	15.48	5.4	15	0.50	24.2
3157	Soil	0.013	0.06	1.56	13.8	33	0.34	0.31	0.04	0.23	19.05	13.3	23	0.70	26.0
3158	Soil	0.013	0.04	1.75	12.5	31	0.32	0.35	0.03	0.12	24.47	9.3	25	0.67	24.0
3159	Soil	0.015	0.06	1.34	20.6	33	0.43	0.33	0.05	0.18	18.70	15.4	22	0.63	34.2
3160	Soil	0.024	0.07	1.18	19.3	35	0.67	0.35	0.05	0.12	25.70	19.7	18	0.75	48.2
3161	Soil	0.015	0.05	1.22	8.5	34	0.33	0.25	0.05	0.19	12.29	9.3	21	0.54	19.6
3162	Soil	0.017	0.06	1.36	10.2	40	0.30	0.32	0.03	0.16	18.88	9.1	21	0.74	24.1
3163	Soil	0.014	0.05	0.59	2.5	16	0.13	0.10	0.03	0.10	5.47	2.6	8	0.28	7.3
3164	Soil	0.014	0.05	1.53	15.0	28	0.25	0.36	0.04	0.20	13.28	11.7	29	0.44	27.1
3165	Soil	0.017	0.03	1.58	23.3	27	0.35	0.36	0.06	0.14	23.96	19.9	21	0.34	35.5

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3166	Soil	0.014	0.06	1.26	9.9	32	0.20	0.38	0.03	0.17	16.92	8.1	23	0.81	23.2
3167	Soil	0.015	0.05	1.47	19.3	25	0.25	0.32	0.02	0.10	22.14	8.7	21	0.62	24.5
3168	Soil	0.017	0.06	1.38	10.8	35	0.35	0.31	0.04	0.14	16.66	7.6	18	0.65	21.7
3169	Soil	0.015	0.09	0.98	7.9	40	0.18	0.23	0.04	0.20	11.79	10.5	18	0.50	18.8
3170	Soil	0.018	0.11	1.17	19.7	36	0.48	0.32	0.14	0.24	32.85	14.5	20	0.43	30.4
3171	Soil	0.016	0.08	1.12	17.7	33	0.26	0.27	0.02	0.19	14.22	9.8	23	0.52	25.1
3172	Soil	0.014	0.05	0.48	2.0	23	0.08	0.10	0.03	0.09	4.93	2.9	9	0.33	5.9
3173	Soil	0.016	0.06	1.64	11.3	34	0.37	0.30	0.04	0.09	21.68	8.7	22	0.76	25.1
3174	Soil	0.026	0.04	1.50	15.0	29	0.26	0.35	0.04	0.08	25.58	11.1	22	0.82	28.8
3175	Soil	0.014	0.06	1.31	13.0	31	0.22	0.28	0.02	0.13	15.61	7.3	20	0.65	20.8
3176	Soil	0.013	0.09	1.23	10.1	32	0.20	0.31	0.02	0.11	13.19	6.8	19	0.63	19.9
3177	Soil	0.020	0.08	0.59	5.1	26	0.11	0.19	0.03	0.07	6.15	3.9	9	0.39	11.2
3178	Soil	0.014	0.11	1.60	14.3	30	0.27	0.35	0.04	0.13	17.03	10.3	24	0.47	23.4
3179	Soil	0.013	0.05	1.55	11.7	59	0.37	0.30	0.09	0.17	24.03	17.5	20	0.63	29.4
3180	Soil	0.012	0.05	1.29	12.7	35	0.27	0.30	0.05	0.15	19.49	9.8	20	0.51	23.8
3181	Soil	0.012	0.08	1.02	10.1	59	0.26	0.31	0.02	0.17	14.60	9.5	16	0.65	17.3
3182	Soil	0.010	0.04	1.29	10.0	24	0.30	0.23	0.02	0.09	13.30	7.4	17	0.63	24.3
3183	Soil	0.009	0.07	1.24	8.7	66	0.27	0.31	0.03	0.17	15.59	10.8	23	0.72	21.0
3184	Soil	0.013	0.09	1.23	9.1	49	0.22	0.34	0.02	0.14	12.82	9.0	23	0.73	20.1
3185	Soil	0.010	0.06	1.27	9.9	39	0.24	0.30	0.04	0.13	13.21	9.1	23	0.79	27.5
3186	Soil	0.012	0.05	0.96	5.3	29	0.16	0.18	0.03	0.08	10.07	4.8	15	0.44	14.3
3187	Soil	0.015	0.04	1.13	11.0	26	0.17	0.30	0.02	0.06	13.16	6.4	15	0.50	20.5
3188	Soil	0.009	0.05	0.88	2.7	49	0.14	0.25	0.02	0.12	8.39	7.1	16	0.44	12.5
3189	Soil	0.015	0.07	1.38	13.6	34	0.23	0.30	0.03	0.14	12.75	7.1	21	0.55	20.2
3190	Soil	0.013	0.03	1.19	8.6	21	0.21	0.28	0.04	0.03	14.54	6.6	12	0.70	20.0
3191	Soil	0.013	0.05	1.40	5.9	27	0.29	0.44	0.03	0.07	9.75	14.1	17	0.55	28.0
3192	Soil	0.014	0.14	0.70	48.2	39	0.66	0.37	0.22	0.58	28.21	18.7	8	0.67	64.2
3193	Soil	0.015	0.18	1.43	12.1	42	0.69	0.28	1.58	0.39	20.70	19.0	32	1.13	53.6
3194	Soil	0.016	0.07	0.84	9.4	44	0.41	0.17	0.83	0.52	14.63	8.6	8	0.32	39.1
3195	Soil	0.018	0.13	1.84	8.1	30	0.74	0.34	0.29	0.17	16.91	20.6	33	0.75	109.2
3196	Soil	0.027	0.06	1.49	4.1	20	0.57	0.23	0.22	0.08	22.88	15.6	26	1.30	29.1
3197	Soil	0.016	0.03	1.49	2.3	19	0.27	0.48	0.03	0.03	16.11	15.2	21	1.34	38.3
3198	Soil	0.012	0.04	1.37	4.1	19	0.43	0.39	0.08	0.05	10.71	15.9	23	1.25	44.0
3199	Soil	0.014	0.19	1.30	15.3	34	0.39	0.46	0.07	0.15	4.91	10.0	19	1.17	35.7
3200	Soil	0.062	0.16	0.83	55.0	18	0.27	0.50	<0.01	0.31	16.15	11.5	10	0.87	37.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2871	Soil	3.22	4.67	<0.05	0.08	0.02	0.03	8.3	30.1	0.43	279	0.61	<0.01	0.23	24.2
2872	Soil	2.89	4.41	<0.05	0.04	0.01	0.03	9.6	30.2	0.45	325	0.47	<0.01	0.19	22.7
2873	Soil	2.53	3.73	<0.05	0.03	0.01	0.03	7.7	18.0	0.29	245	0.52	<0.01	0.24	17.2
2874	Soil	2.86	4.37	<0.05	<0.02	0.02	0.04	11.5	17.0	0.20	717	0.68	<0.01	0.45	14.9
2875	Soil	3.12	5.00	<0.05	0.03	0.02	0.03	13.5	21.5	0.32	219	1.21	<0.01	0.76	20.2
2876	Soil	4.17	5.45	<0.05	0.13	0.03	0.03	6.8	58.5	0.82	419	0.83	<0.01	0.12	33.7
2877	Soil	3.53	5.16	<0.05	0.21	0.03	0.04	7.3	48.3	0.68	459	0.77	0.01	0.45	44.6
2878	Soil	2.42	3.17	<0.05	0.04	0.01	0.03	12.2	22.4	0.31	274	0.61	0.01	0.28	19.1
2879	Soil	2.46	3.13	<0.05	0.06	0.02	0.03	8.4	19.8	0.25	425	0.58	0.02	0.41	21.5
2880	Soil	2.83	3.55	<0.05	0.04	0.02	0.03	6.9	18.5	0.31	311	0.74	<0.01	0.38	20.7
2881	Soil	2.62	3.30	<0.05	0.02	0.01	0.02	7.4	24.3	0.35	368	0.55	<0.01	0.32	19.4
2882	Soil	1.35	3.07	<0.05	<0.02	<0.01	0.02	9.8	1.4	0.02	88	0.48	0.01	0.33	5.8
2883	Soil	2.51	3.76	<0.05	<0.02	0.02	0.02	14.3	6.3	0.10	139	0.58	<0.01	0.41	12.6
2884	Soil	2.72	1.72	<0.05	0.08	0.02	0.04	8.1	7.4	0.13	366	0.88	<0.01	0.15	27.9
2885	Soil	2.69	2.13	<0.05	0.12	0.02	0.05	9.9	11.0	0.21	566	0.82	0.01	0.20	34.9
2886	Soil	2.34	3.18	<0.05	0.04	0.02	0.05	9.3	12.4	0.13	179	0.67	0.01	0.33	19.5
2887	Soil	3.84	4.99	<0.05	0.03	0.02	0.03	13.7	22.4	0.47	360	1.01	<0.01	0.27	36.8
3001	Soil	3.61	6.62	<0.05	0.15	0.02	0.02	4.4	55.4	0.83	539	1.11	0.01	0.14	38.4
3002	Soil	4.61	7.88	0.06	0.05	0.02	0.01	6.7	61.3	1.00	971	0.61	<0.01	<0.05	48.8
3003	Soil	4.77	8.92	0.05	0.10	0.03	0.01	6.9	69.5	1.11	629	0.55	<0.01	0.08	47.1
3004	Soil	4.07	8.03	<0.05	0.16	0.02	0.02	6.5	54.6	0.89	395	0.61	<0.01	0.23	34.5
3005	Soil	4.53	9.29	<0.05	0.12	0.02	0.01	8.7	60.1	0.93	415	0.42	<0.01	0.24	36.6
3006	Soil	2.92	6.28	<0.05	0.09	0.01	0.02	6.3	32.6	0.55	266	0.57	0.02	0.34	20.4
3007	Soil	4.68	9.72	0.05	0.12	0.03	0.01	10.0	74.7	1.09	523	0.42	<0.01	0.17	44.9
3008	Soil	4.56	8.79	<0.05	0.06	0.02	0.02	10.2	48.3	0.84	428	0.89	<0.01	0.65	34.5
3009	Soil	4.74	8.44	<0.05	0.11	0.02	0.02	9.9	66.5	1.07	555	0.94	<0.01	0.20	44.2
3010	Soil	4.04	7.57	<0.05	0.17	0.02	0.02	3.1	62.5	0.93	533	0.77	<0.01	0.06	38.2
3011	Soil	3.55	6.21	<0.05	0.17	0.02	0.02	7.7	53.6	0.84	1332	0.71	0.01	0.10	36.1
3012	Soil	4.07	7.72	<0.05	0.15	0.02	0.02	9.0	59.0	0.89	712	0.90	<0.01	0.17	36.8
3013	Soil	4.11	7.31	<0.05	0.10	0.02	0.02	8.6	57.1	0.88	721	0.65	<0.01	0.26	35.9
3014	Soil	4.29	8.21	<0.05	0.07	0.02	0.02	10.3	53.9	0.87	630	0.77	<0.01	0.43	35.9
3015	Soil	4.01	7.42	0.07	0.07	0.02	0.01	15.2	66.0	0.93	1408	0.66	<0.01	0.08	40.3
3016	Soil	4.16	7.39	0.05	0.11	0.02	0.01	13.3	65.6	0.95	1415	0.58	<0.01	0.11	42.2
3017	Soil	4.34	7.76	0.05	0.12	0.02	0.01	14.5	66.2	1.00	782	0.59	<0.01	0.18	42.2
3018	Soil	3.72	5.34	<0.05	0.30	0.02	0.01	9.6	49.6	0.74	1127	0.71	<0.01	0.09	44.7
3019	Soil	3.33	5.30	0.07	0.20	0.02	0.02	7.0	56.4	0.90	1255	1.38	0.01	0.14	41.1
3020	Soil	3.44	5.64	0.05	0.15	0.02	0.02	5.9	56.2	0.88	1809	1.20	<0.01	0.20	33.3
3021	Soil	2.48	4.68	<0.05	0.13	0.01	0.02	5.2	31.9	0.53	835	0.80	0.01	0.24	19.2
3022	Soil	2.26	4.36	<0.05	0.04	0.02	0.03	6.4	15.1	0.26	614	1.39	0.01	0.24	19.0
3023	Soil	2.76	3.94	<0.05	<0.02	0.01	0.02	5.8	5.2	0.10	752	0.81	0.02	0.18	12.7

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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3024	Soil	3.39	4.32	<0.05	0.05	0.03	0.02	5.4	8.5	0.16	1219	1.25	<0.01	0.23	22.7
3025	Soil	2.60	2.23	<0.05	0.15	0.03	0.03	5.0	11.6	0.27	779	0.74	0.01	0.11	26.7
3026	Soil	0.59	2.02	<0.05	0.05	<0.01	0.01	1.7	3.0	0.06	184	0.20	0.03	0.14	3.0
3027	Soil	2.61	5.04	<0.05	0.11	0.01	0.02	2.0	27.9	0.46	426	0.42	0.01	0.20	21.5
3028	Soil	3.68	4.12	<0.05	0.37	0.04	0.03	4.0	12.9	0.25	1519	0.81	<0.01	0.20	29.7
3029	Soil	4.70	2.45	0.06	0.14	0.05	0.03	11.2	20.2	0.32	3166	1.08	<0.01	<0.05	66.4
3030	Soil	1.58	4.17	<0.05	0.12	0.01	0.04	4.2	15.3	0.27	1415	1.36	0.02	0.26	14.0
3031	Soil	3.84	7.49	<0.05	0.21	0.02	0.02	4.7	36.5	0.59	528	0.85	<0.01	0.21	21.3
3032	Soil	2.77	5.01	<0.05	0.14	0.01	0.03	4.1	26.8	0.47	984	1.19	<0.01	0.17	22.0
3033	Soil	2.56	4.54	<0.05	0.12	0.01	0.02	4.2	26.3	0.47	560	1.09	0.01	0.22	22.3
3034	Soil	1.51	2.65	<0.05	0.06	0.01	0.03	3.0	14.1	0.22	331	0.46	0.02	0.15	14.1
3035	Soil	3.24	3.93	<0.05	0.13	0.02	0.02	2.4	33.4	0.54	572	1.13	0.01	0.16	28.7
3036	Soil	3.61	5.40	<0.05	0.05	0.03	0.03	4.6	22.1	0.35	1136	0.75	<0.01	0.40	22.3
3037	Soil	3.88	4.86	<0.05	0.12	0.03	0.02	5.8	21.8	0.33	1407	0.90	<0.01	0.35	27.7
3038	Soil	3.07	3.68	<0.05	0.10	0.02	0.02	5.7	17.4	0.28	923	0.59	<0.01	0.14	20.0
3039	Soil	3.10	4.95	0.05	0.13	0.02	0.02	3.9	36.5	0.55	394	0.42	0.01	0.25	23.3
3040	Soil	4.09	7.51	0.05	0.05	0.02	0.02	8.7	43.0	0.73	5515	1.74	<0.01	0.40	29.5
3041	Soil	1.44	3.75	<0.05	0.02	<0.01	0.03	3.6	10.3	0.17	558	0.38	0.02	0.20	7.3
3042	Soil	4.60	8.60	0.06	0.15	0.03	0.02	14.0	66.6	1.05	661	0.39	<0.01	<0.05	44.8
3043	Soil	2.84	2.94	<0.05	0.05	0.03	0.02	10.4	29.0	0.63	2496	0.17	<0.01	0.14	55.8
3044	Soil	2.09	5.31	<0.05	0.02	0.01	0.02	4.3	6.5	0.14	347	0.96	<0.01	0.42	8.6
3045	Soil	2.85	4.77	<0.05	0.04	0.01	0.02	5.2	13.2	0.28	970	0.77	<0.01	0.21	14.7
3046	Soil	2.61	4.23	<0.05	0.03	0.01	0.02	5.8	18.9	0.36	388	0.91	0.01	0.38	14.7
3047	Soil	2.36	4.04	<0.05	0.06	0.01	0.02	6.4	12.1	0.22	612	0.59	0.01	0.28	10.8
3048	Soil	2.73	4.81	<0.05	0.06	0.02	0.02	7.5	31.0	0.50	272	0.48	<0.01	0.35	21.8
3049	Soil	0.54	2.06	<0.05	0.06	<0.01	0.02	2.6	2.8	0.06	61	0.23	0.03	0.28	2.8
3050	Soil	2.75	4.02	<0.05	0.11	0.01	0.02	6.7	26.6	0.44	506	0.52	<0.01	0.09	24.7
3051	Soil	1.95	2.82	<0.05	0.05	0.01	0.02	7.2	12.6	0.27	709	0.40	0.01	0.11	14.9
3052	Soil	2.02	2.37	<0.05	0.31	0.01	0.01	4.9	16.8	0.35	752	0.33	<0.01	0.05	18.8
3053	Soil	2.44	3.07	<0.05	0.14	0.01	0.01	5.2	27.0	0.41	443	0.45	<0.01	0.21	25.9
3054	Soil	2.46	3.77	<0.05	0.11	0.02	0.02	7.0	23.9	0.39	296	0.70	<0.01	0.38	22.2
3055	Soil	2.45	4.40	<0.05	0.06	0.01	0.03	5.5	15.8	0.27	508	0.70	0.01	0.45	13.5
3056	Soil	1.54	3.41	<0.05	0.08	0.01	0.02	3.9	8.3	0.16	220	0.54	0.02	0.24	8.2
3057	Soil	1.92	3.69	<0.05	0.04	0.01	0.03	4.2	12.8	0.23	400	1.03	0.02	0.21	14.3
3058	Soil	3.57	6.09	<0.05	0.05	0.02	0.03	6.8	22.2	0.38	785	1.47	<0.01	0.67	21.9
3059	Soil	2.98	4.65	<0.05	0.03	0.01	0.04	4.7	12.6	0.23	735	0.91	0.01	0.37	13.7
3060	Soil	2.57	5.04	<0.05	0.05	0.01	0.03	6.0	8.1	0.16	367	0.88	0.01	0.42	9.9
3061	Soil	3.16	5.41	<0.05	0.03	0.02	0.03	5.5	25.6	0.40	450	1.25	<0.01	0.49	22.5
3062	Soil	2.49	3.98	<0.05	0.03	0.02	0.03	6.1	23.1	0.41	346	0.64	0.01	0.36	19.7
3063	Soil	3.47	5.73	<0.05	0.07	0.02	0.04	6.2	31.9	0.55	465	1.55	<0.01	0.55	28.7

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3064	Soil	3.39	4.98	<0.05	0.04	0.03	0.05	8.4	29.7	0.59	832	1.45	<0.01	0.45	29.7
3065	Soil	2.65	3.85	<0.05	0.02	0.02	0.02	7.1	22.9	0.38	286	0.62	<0.01	0.33	21.9
3066	Soil	3.08	4.81	<0.05	0.03	0.02	0.04	13.4	30.4	0.57	484	1.08	<0.01	0.61	36.2
3067	Soil	3.05	4.57	<0.05	0.04	0.02	0.02	7.7	24.7	0.41	442	0.78	<0.01	0.28	22.7
3068	Soil	3.31	4.31	<0.05	0.07	0.02	0.01	7.7	32.7	0.50	372	0.61	<0.01	0.28	29.3
3071	Soil	4.37	8.61	0.05	0.14	0.02	0.01	7.6	63.8	0.90	573	0.56	<0.01	0.30	37.2
3072	Soil	3.72	8.28	<0.05	0.07	0.02	0.01	7.7	33.3	0.50	331	0.60	<0.01	0.43	22.2
3073	Soil	4.75	7.66	0.05	0.11	0.03	0.02	6.9	54.4	0.86	492	0.66	<0.01	0.21	38.1
3074	Soil	3.74	7.36	<0.05	0.02	0.02	0.02	6.1	35.5	0.65	355	0.70	<0.01	0.48	26.5
3075	Soil	3.99	7.24	<0.05	0.06	0.02	0.02	6.9	46.0	0.77	455	0.64	<0.01	0.56	35.6
3076	Soil	3.97	7.43	0.05	0.16	0.02	0.02	5.1	62.7	0.94	567	0.47	<0.01	0.12	39.5
3077	Soil	4.22	8.53	0.06	0.18	0.02	0.01	5.8	64.6	0.96	572	0.46	<0.01	0.17	39.0
3078	Soil	4.20	7.72	<0.05	0.16	0.02	0.02	6.2	56.8	0.90	770	0.50	<0.01	0.24	36.3
3079	Soil	4.62	8.58	0.07	0.09	0.02	0.01	11.7	69.1	1.06	547	0.36	<0.01	0.07	43.2
3080	Soil	3.82	7.19	0.07	0.10	0.02	0.01	3.8	60.4	0.87	482	0.62	<0.01	0.07	38.0
3081	Soil	4.33	8.44	0.08	0.06	0.02	0.01	13.3	71.7	1.02	826	0.44	<0.01	<0.05	50.8
3082	Soil	4.13	6.83	0.06	0.13	0.02	0.01	7.4	55.3	0.82	739	0.64	<0.01	0.25	36.6
3083	Soil	3.60	4.36	0.06	0.05	0.02	0.01	11.3	39.9	0.56	951	0.42	<0.01	0.06	40.3
3084	Soil	3.16	5.88	<0.05	0.12	0.02	0.02	6.1	31.5	0.47	912	0.68	<0.01	0.29	21.7
3085	Soil	2.99	5.92	<0.05	0.06	0.01	0.02	7.1	32.6	0.50	636	0.57	<0.01	0.31	22.1
3086	Soil	3.14	5.11	0.06	0.09	0.02	0.02	7.4	46.7	0.72	963	0.66	0.01	0.21	30.3
3087	Soil	3.78	4.80	0.09	0.03	0.02	<0.01	13.1	54.2	0.81	1285	2.43	<0.01	0.06	41.5
3088	Soil	3.72	5.97	<0.05	0.40	0.02	0.01	7.7	60.4	0.88	976	0.68	<0.01	0.11	38.9
3089	Soil	1.49	3.24	<0.05	0.18	<0.01	0.02	3.0	7.7	0.13	1258	0.52	0.02	0.23	9.0
3090	Soil	3.67	6.07	<0.05	0.10	0.02	0.02	7.4	35.2	0.52	1600	0.68	<0.01	0.31	26.1
3091	Soil	2.65	5.19	<0.05	0.08	0.02	0.03	5.4	28.9	0.46	724	0.66	0.01	0.30	22.4
3092	Soil	2.77	4.55	<0.05	0.20	0.02	0.03	5.8	30.4	0.47	653	0.88	0.01	0.23	25.8
3093	Soil	3.96	6.73	<0.05	0.05	0.03	0.03	8.5	24.3	0.40	1096	0.81	<0.01	0.72	23.8
3094	Soil	2.33	4.13	<0.05	0.07	0.02	0.04	7.1	15.6	0.24	1190	0.81	0.02	0.34	16.4
3095	Soil	4.64	6.02	0.05	0.10	0.05	0.02	10.2	45.3	0.66	3156	0.81	<0.01	0.29	48.7
3096	Soil	4.00	5.24	<0.05	0.05	0.03	0.02	8.9	29.1	0.51	506	0.61	<0.01	0.27	32.7
3097	Soil	4.59	3.86	0.07	0.07	0.04	0.02	6.4	9.9	0.18	728	0.98	<0.01	0.12	32.5
3098	Soil	3.71	2.43	0.06	<0.02	0.02	0.02	11.2	21.7	0.30	832	0.92	<0.01	<0.05	48.4
3099	Soil	3.70	5.48	<0.05	0.20	0.02	0.02	7.3	38.1	0.60	1020	1.15	<0.01	0.16	26.4
3100	Soil	3.29	6.14	<0.05	0.22	0.02	0.03	6.4	39.1	0.62	1413	0.86	<0.01	0.31	28.4
3101	Soil	3.75	7.40	0.05	0.22	0.02	0.02	7.2	65.2	1.03	505	0.59	<0.01	0.10	43.4
3102	Soil	3.04	5.50	<0.05	0.06	0.02	0.03	7.8	23.5	0.39	3617	2.26	0.01	0.25	27.2
3103	Soil	2.76	2.96	<0.05	0.03	0.06	0.03	9.6	17.0	0.26	333	1.28	<0.01	0.12	20.3
3104	Soil	1.12	2.12	<0.05	<0.02	0.13	0.03	7.9	3.9	0.05	101	2.13	<0.01	<0.05	5.6
3105	Soil	2.73	2.31	<0.05	0.03	0.11	0.04	3.8	9.8	0.14	455	2.22	<0.01	0.15	20.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3106	Soil	4.23	2.97	<0.05	0.03	0.02	0.02	3.9	11.0	0.17	1379	1.09	<0.01	0.16	51.2
3107	Soil	3.95	5.26	<0.05	0.07	0.02	0.03	4.7	26.6	0.43	948	0.80	0.01	0.36	23.6
3108	Soil	4.35	4.10	<0.05	0.04	0.03	0.02	8.1	12.1	0.20	633	0.76	<0.01	0.37	23.0
3109	Soil	3.08	4.52	<0.05	<0.02	0.02	0.02	5.7	17.6	0.29	877	0.57	0.01	0.38	16.4
3110	Soil	1.65	3.52	<0.05	0.04	0.01	0.03	3.3	16.2	0.26	450	0.80	0.02	0.19	14.4
3111	Soil	3.68	6.76	0.05	0.05	0.02	0.03	6.2	36.6	0.58	1416	0.61	<0.01	0.48	23.6
3112	Soil	3.06	5.90	0.05	0.09	0.02	0.03	4.2	34.4	0.52	737	0.57	0.01	0.34	22.3
3113	Soil	3.09	5.73	<0.05	0.11	0.02	0.02	8.0	41.3	0.74	542	0.45	0.01	0.14	30.5
3114	Soil	2.77	4.33	<0.05	0.15	0.02	0.02	3.8	37.2	0.68	970	0.73	<0.01	0.10	29.0
3115	Soil	2.33	1.95	<0.05	0.06	0.03	0.02	6.1	21.5	0.50	2223	0.28	<0.01	0.10	43.4
3116	Soil	3.73	4.18	0.06	0.11	0.04	0.02	9.0	44.5	0.87	2426	0.29	<0.01	0.10	56.8
3117	Soil	3.75	3.69	0.06	0.12	0.02	0.03	16.1	17.5	0.39	2464	0.77	<0.01	<0.05	46.1
3118	Soil	3.45	3.63	0.05	0.12	0.02	0.03	9.9	28.0	0.84	5142	0.90	<0.01	<0.05	33.1
3119	Soil	2.92	5.21	<0.05	0.07	0.01	0.03	9.2	41.7	0.76	394	0.42	<0.01	0.22	29.7
3120	Soil	3.34	4.83	<0.05	0.04	0.01	0.02	8.6	20.7	0.41	484	0.74	<0.01	0.38	18.7
3121	Soil	3.14	5.23	<0.05	0.04	0.01	0.03	8.4	17.2	0.37	1143	1.25	0.01	0.39	16.6
3122	Soil	2.82	5.04	<0.05	0.46	0.02	0.03	6.2	14.9	0.29	671	0.92	0.01	0.58	14.6
3123	Soil	2.67	4.04	<0.05	0.12	0.02	0.02	8.1	29.9	0.54	272	0.64	<0.01	0.34	24.5
3124	Soil	2.68	4.89	<0.05	0.06	0.01	0.03	6.8	19.3	0.41	2532	0.99	0.01	0.28	16.7
3125	Soil	2.22	3.99	<0.05	0.05	0.02	0.03	5.9	19.9	0.45	586	0.86	0.02	0.30	15.6
3126	Soil	3.13	4.86	<0.05	0.05	0.02	0.03	8.9	21.7	0.41	750	0.74	<0.01	0.29	19.5
3127	Soil	1.81	3.69	<0.05	0.06	0.02	0.04	6.6	12.4	0.26	358	1.57	0.02	0.44	16.7
3128	Soil	3.20	4.93	<0.05	0.05	0.02	0.03	9.3	16.4	0.29	535	1.32	<0.01	0.59	18.8
3129	Soil	3.18	4.27	0.05	0.05	0.02	0.03	9.9	19.6	0.37	418	1.76	<0.01	0.31	23.5
3130	Soil	2.06	4.34	<0.05	0.02	0.01	0.03	9.1	9.2	0.20	408	0.96	0.02	0.40	11.4
3131	Soil	2.40	4.02	<0.05	0.06	0.02	0.03	6.7	14.2	0.28	509	1.32	0.01	0.42	17.5
3132	Soil	2.87	4.48	<0.05	0.03	0.01	0.05	5.9	11.4	0.24	943	0.93	<0.01	0.43	15.2
3153	Soil	1.83	5.03	<0.05	0.05	0.01	0.03	7.2	6.2	0.12	412	1.13	0.02	0.34	9.6
3154	Soil	1.70	3.42	<0.05	0.03	<0.01	0.03	3.7	11.0	0.20	5437	1.93	0.02	0.15	15.7
3155	Soil	3.43	6.23	<0.05	<0.02	0.02	0.04	12.2	21.9	0.43	576	1.33	<0.01	0.58	21.5
3156	Soil	2.16	3.20	<0.05	0.03	0.02	0.03	7.4	8.2	0.18	345	1.42	0.02	0.21	14.1
3157	Soil	2.69	4.41	<0.05	0.04	0.02	0.04	8.9	25.8	0.45	657	1.41	0.02	0.39	23.9
3158	Soil	3.34	5.40	<0.05	<0.02	0.02	0.03	12.0	32.9	0.59	343	0.93	<0.01	0.54	24.9
3159	Soil	3.21	4.10	<0.05	0.04	0.02	0.03	8.3	26.8	0.48	721	1.50	<0.01	0.40	27.6
3160	Soil	3.21	3.30	0.05	0.04	0.03	0.03	11.4	17.6	0.31	825	0.84	<0.01	0.20	28.8
3161	Soil	2.28	4.11	<0.05	0.03	0.01	0.04	5.7	15.9	0.30	371	1.45	0.02	0.32	18.9
3162	Soil	2.86	4.90	<0.05	<0.02	0.02	0.04	9.3	19.2	0.34	622	1.06	0.01	0.35	18.7
3163	Soil	1.02	2.69	<0.05	<0.02	<0.01	0.02	2.8	3.4	0.07	139	0.62	0.03	0.18	5.4
3164	Soil	3.57	4.99	0.05	0.05	0.02	0.04	6.0	28.7	0.51	926	1.53	<0.01	0.34	27.7
3165	Soil	3.40	4.13	0.06	0.07	0.02	0.01	11.5	39.2	0.61	588	0.63	<0.01	0.19	33.8

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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3166	Soil	3.44	6.33	<0.05	<0.02	0.02	0.04	8.6	11.1	0.22	738	1.47	0.01	0.45	16.3
3167	Soil	2.84	4.63	0.06	0.04	0.02	0.03	11.3	27.2	0.47	334	0.85	<0.01	0.25	22.6
3168	Soil	2.60	4.52	<0.05	0.02	0.02	0.04	8.4	18.5	0.33	581	0.93	0.02	0.37	16.8
3169	Soil	2.13	3.45	<0.05	<0.02	0.01	0.04	5.3	14.2	0.28	779	1.03	0.01	0.24	16.0
3170	Soil	3.14	3.58	0.05	0.05	0.02	0.02	15.9	20.4	0.35	595	1.02	<0.01	0.30	28.2
3171	Soil	2.95	3.90	<0.05	0.04	0.02	0.03	6.8	11.8	0.25	859	1.65	0.01	0.25	20.3
3172	Soil	0.78	2.27	<0.05	<0.02	<0.01	0.03	2.4	3.0	0.07	451	0.79	0.03	0.14	5.4
3173	Soil	2.83	4.79	<0.05	0.03	0.02	0.03	10.1	29.0	0.54	327	0.70	<0.01	0.37	21.5
3174	Soil	3.04	5.17	<0.05	0.02	0.02	0.04	11.8	26.2	0.52	500	0.98	<0.01	0.39	24.6
3175	Soil	2.63	4.71	<0.05	0.05	0.01	0.03	7.9	17.4	0.32	388	1.09	0.02	0.44	17.5
3176	Soil	2.74	5.22	<0.05	0.41	0.01	0.03	7.0	14.8	0.28	457	0.94	0.01	0.46	14.4
3177	Soil	1.55	3.52	<0.05	0.12	<0.01	0.03	3.2	5.7	0.11	392	0.56	0.02	0.17	6.1
3178	Soil	3.35	4.83	<0.05	0.09	0.02	0.04	7.6	26.2	0.48	399	0.70	<0.01	0.48	22.0
3179	Soil	2.83	4.22	<0.05	0.05	0.02	0.03	8.7	28.7	0.51	524	0.71	<0.01	0.48	31.5
3180	Soil	2.67	4.30	<0.05	0.03	0.01	0.03	8.6	24.7	0.48	408	0.83	<0.01	0.34	22.8
3181	Soil	2.67	4.90	<0.05	0.04	0.02	0.03	6.8	7.9	0.17	1098	1.07	<0.01	0.36	10.7
3182	Soil	2.45	3.99	<0.05	0.04	0.02	0.03	6.1	23.1	0.43	249	0.55	0.01	0.32	18.4
3183	Soil	3.52	5.82	<0.05	<0.02	0.02	0.03	7.0	14.0	0.32	1338	0.93	<0.01	0.50	14.1
3184	Soil	3.32	5.96	<0.05	0.02	0.01	0.03	6.1	13.4	0.29	874	1.12	<0.01	0.57	13.4
3185	Soil	2.95	4.91	<0.05	0.03	0.02	0.03	6.3	22.2	0.49	666	1.15	<0.01	0.38	19.5
3186	Soil	2.19	4.09	<0.05	0.03	0.01	0.03	4.8	11.4	0.25	307	0.68	0.02	0.22	9.8
3187	Soil	2.41	3.71	<0.05	0.05	0.01	0.02	6.7	17.4	0.34	203	0.58	<0.01	0.26	14.9
3188	Soil	1.96	4.36	<0.05	0.03	<0.01	0.03	4.0	16.3	0.34	927	0.85	0.02	0.20	11.9
3189	Soil	3.00	4.28	<0.05	0.07	0.02	0.03	6.2	22.4	0.42	362	0.75	<0.01	0.34	18.3
3190	Soil	2.11	3.96	<0.05	0.04	0.01	0.03	7.4	15.7	0.33	412	0.72	0.02	0.28	12.5
3191	Soil	2.85	4.31	<0.05	0.08	0.01	0.03	4.9	21.4	0.45	1454	0.86	0.02	0.30	16.8
3192	Soil	2.86	1.42	0.05	0.04	0.04	0.02	10.4	8.5	0.26	1914	1.07	<0.01	<0.05	24.5
3193	Soil	3.54	3.51	<0.05	0.11	0.03	0.03	9.7	35.4	1.16	1113	0.65	<0.01	0.10	48.1
3194	Soil	1.66	1.61	<0.05	0.13	0.02	0.03	6.8	7.4	0.35	897	0.72	0.03	0.27	16.3
3195	Soil	3.97	4.61	0.06	0.17	0.03	0.04	7.7	59.4	1.22	1508	0.39	<0.01	0.06	46.5
3196	Soil	2.89	4.09	<0.05	0.10	0.02	0.03	11.0	57.5	1.12	1048	0.23	<0.01	0.06	34.8
3197	Soil	3.14	4.24	<0.05	0.04	0.01	0.02	7.0	45.1	0.85	916	0.44	<0.01	0.10	28.3
3198	Soil	2.90	3.91	0.05	0.05	<0.01	0.02	4.0	43.7	0.74	340	0.62	<0.01	0.08	34.5
3199	Soil	2.67	4.75	<0.05	0.08	<0.01	0.03	2.3	25.9	0.46	532	0.54	0.01	0.16	19.1
3200	Soil	3.30	1.98	<0.05	0.07	0.03	0.02	8.6	13.7	0.20	468	0.58	<0.01	0.10	25.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2871	Soil	267	26.8	4.5	<0.01	0.01	0.70	1.2	0.3	<0.2	6.3	<0.01	0.05	4.6	<0.005
2872	Soil	247	21.5	4.2	<0.01	<0.01	0.49	1.0	0.3	<0.2	9.6	<0.01	0.04	4.3	<0.005
2873	Soil	360	13.1	4.3	<0.01	0.01	0.48	0.5	0.3	<0.2	9.1	<0.01	0.05	1.5	<0.005
2874	Soil	215	48.8	10.0	<0.01	<0.01	0.58	0.8	<0.2	0.3	8.6	<0.01	0.07	5.4	<0.005
2875	Soil	150	19.0	3.9	<0.01	0.01	0.86	0.9	0.3	0.3	5.5	<0.01	0.05	5.8	<0.005
2876	Soil	413	23.8	2.5	<0.01	0.02	0.95	1.7	0.3	<0.2	18.1	<0.01	0.12	12.5	<0.005
2877	Soil	692	40.7	3.5	<0.01	0.09	0.62	2.3	0.6	0.2	69.0	<0.01	0.10	7.9	0.006
2878	Soil	166	23.2	3.5	<0.01	0.02	0.92	1.0	<0.2	<0.2	16.0	<0.01	0.05	6.5	<0.005
2879	Soil	221	29.7	3.7	<0.01	0.02	0.91	1.2	0.4	<0.2	16.0	<0.01	0.05	4.4	<0.005
2880	Soil	141	33.0	4.3	<0.01	0.01	0.64	1.1	0.4	0.2	12.5	<0.01	0.04	5.9	<0.005
2881	Soil	106	28.2	3.4	<0.01	<0.01	0.59	0.9	<0.2	0.2	10.2	<0.01	0.04	4.5	<0.005
2882	Soil	123	7.6	1.6	<0.01	<0.01	0.45	0.3	<0.2	0.3	3.0	<0.01	<0.01	0.6	0.006
2883	Soil	108	16.8	3.2	<0.01	<0.01	0.81	0.7	<0.2	0.2	2.8	<0.01	0.05	5.6	<0.005
2884	Soil	337	26.8	3.5	<0.01	0.04	1.42	1.3	0.4	0.2	23.6	<0.01	0.03	5.1	<0.005
2885	Soil	399	34.8	5.1	<0.01	0.04	1.07	1.8	0.5	0.2	38.1	<0.01	0.04	4.8	<0.005
2886	Soil	316	25.4	5.1	<0.01	0.03	0.71	1.2	0.3	0.3	17.1	<0.01	0.05	4.1	<0.005
2887	Soil	293	23.9	3.0	<0.01	0.01	0.78	1.6	0.3	<0.2	4.3	<0.01	0.08	5.6	<0.005
3001	Soil	368	38.8	1.9	<0.01	0.02	1.88	1.8	<0.2	<0.2	5.0	<0.01	0.07	4.1	<0.005
3002	Soil	234	55.6	1.5	<0.01	<0.01	2.29	2.9	0.3	<0.2	4.3	<0.01	0.03	6.9	<0.005
3003	Soil	286	24.0	1.5	<0.01	<0.01	1.21	2.4	<0.2	<0.2	4.3	<0.01	0.08	7.3	<0.005
3004	Soil	507	23.0	2.4	<0.01	0.04	0.76	1.5	0.2	<0.2	3.5	<0.01	0.06	3.8	<0.005
3005	Soil	280	21.8	2.6	<0.01	0.02	0.49	1.6	0.2	0.2	2.7	<0.01	0.07	5.3	<0.005
3006	Soil	523	12.2	3.2	<0.01	0.05	0.35	0.8	0.3	<0.2	3.1	<0.01	0.03	1.5	0.005
3007	Soil	359	27.3	2.3	<0.01	0.02	0.48	1.8	0.3	0.2	3.5	<0.01	0.06	6.6	<0.005
3008	Soil	516	26.6	3.0	<0.01	0.04	1.16	1.0	0.3	0.4	4.7	0.01	0.05	2.0	0.008
3009	Soil	383	26.8	2.3	<0.01	0.02	1.35	1.7	0.3	<0.2	3.7	<0.01	0.07	5.6	<0.005
3010	Soil	244	21.7	2.0	<0.01	0.01	0.99	1.8	<0.2	<0.2	2.4	<0.01	0.04	4.3	<0.005
3011	Soil	492	32.8	1.5	<0.01	0.02	0.90	1.9	0.2	<0.2	4.0	<0.01	0.04	3.9	<0.005
3012	Soil	492	24.2	2.7	<0.01	0.03	0.89	1.7	0.4	<0.2	2.5	<0.01	0.05	3.9	<0.005
3013	Soil	490	29.1	2.1	<0.01	0.03	0.87	1.3	0.3	<0.2	2.9	<0.01	0.05	3.3	<0.005
3014	Soil	485	23.4	2.9	<0.01	0.03	0.83	1.2	0.4	0.3	3.1	<0.01	0.05	2.1	0.008
3015	Soil	296	45.7	1.6	<0.01	<0.01	0.84	2.1	<0.2	<0.2	3.0	<0.01	0.03	7.7	<0.005
3016	Soil	306	45.7	1.7	<0.01	0.01	1.28	2.0	0.2	<0.2	4.2	<0.01	0.05	6.4	<0.005
3017	Soil	312	23.7	2.2	<0.01	0.01	1.40	1.9	0.4	<0.2	3.6	<0.01	0.05	6.4	<0.005
3018	Soil	221	49.5	1.4	<0.01	<0.01	1.62	1.6	0.4	<0.2	3.3	<0.01	0.05	5.7	<0.005
3019	Soil	310	50.5	1.4	<0.01	0.02	1.52	1.2	<0.2	<0.2	3.6	<0.01	0.10	3.6	<0.005
3020	Soil	527	38.1	1.9	<0.01	0.02	0.44	1.1	0.2	<0.2	3.0	<0.01	0.08	2.1	<0.005
3021	Soil	493	12.3	1.8	<0.01	0.04	0.39	0.5	0.4	<0.2	3.5	<0.01	0.07	1.0	<0.005
3022	Soil	563	22.3	3.5	<0.01	0.04	1.41	0.3	0.4	0.3	6.7	<0.01	0.04	0.3	<0.005
3023	Soil	737	19.1	3.7	<0.01	0.03	0.76	0.2	0.4	0.3	3.6	<0.01	0.04	<0.2	<0.005

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3024	Soil	995	88.3	3.6	<0.01	0.06	1.63	0.5	0.4	0.3	4.9	<0.01	0.07	0.9	<0.005
3025	Soil	545	67.4	3.2	<0.01	0.04	2.93	1.1	0.4	<0.2	15.5	<0.01	0.06	3.6	<0.005
3026	Soil	227	8.1	0.7	<0.01	0.02	0.16	0.3	<0.2	<0.2	3.3	0.01	<0.01	<0.2	0.006
3027	Soil	576	24.6	1.7	<0.01	0.05	0.81	0.7	0.3	<0.2	3.4	<0.01	0.06	1.1	<0.005
3028	Soil	1189	78.1	3.5	<0.01	0.09	2.80	1.5	0.4	0.3	11.3	<0.01	0.07	4.4	<0.005
3029	Soil	317	113.9	2.6	<0.01	0.03	9.90	4.2	0.8	0.3	16.3	<0.01	0.19	6.6	<0.005
3030	Soil	933	23.7	3.3	<0.01	0.08	0.87	0.5	0.4	0.2	16.6	<0.01	0.07	0.5	<0.005
3031	Soil	793	25.8	2.5	<0.01	0.05	0.66	0.9	0.2	<0.2	3.9	<0.01	0.05	2.3	<0.005
3032	Soil	761	32.2	6.6	<0.01	0.06	0.51	0.7	<0.2	<0.2	9.3	<0.01	0.05	2.1	<0.005
3033	Soil	553	24.3	2.5	<0.01	0.04	0.45	0.7	0.3	<0.2	3.5	<0.01	0.04	2.0	<0.005
3034	Soil	506	23.7	1.9	<0.01	0.04	0.64	0.3	<0.2	<0.2	5.1	<0.01	0.04	0.5	<0.005
3035	Soil	467	43.0	2.0	<0.01	0.03	1.29	0.9	0.3	<0.2	5.3	<0.01	0.08	2.8	<0.005
3036	Soil	714	28.0	3.4	<0.01	0.06	2.51	0.7	0.3	0.3	4.1	<0.01	0.08	1.3	<0.005
3037	Soil	755	41.7	2.8	<0.01	0.06	4.09	1.2	0.4	0.2	5.4	<0.01	0.05	2.1	<0.005
3038	Soil	412	24.9	2.3	<0.01	0.03	1.94	0.9	0.3	<0.2	3.0	<0.01	0.03	3.1	<0.005
3039	Soil	491	22.7	1.5	<0.01	0.04	0.75	0.8	0.3	<0.2	3.8	<0.01	0.04	1.6	0.005
3040	Soil	1155	31.9	4.4	<0.01	0.06	0.78	0.5	0.7	0.5	3.8	0.02	0.11	0.7	0.009
3041	Soil	378	6.6	1.6	<0.01	0.04	0.20	0.2	0.4	<0.2	2.3	<0.01	0.04	<0.2	0.005
3042	Soil	240	94.5	2.9	<0.01	0.01	1.12	2.0	0.3	<0.2	3.3	<0.01	0.07	6.5	<0.005
3043	Soil	864	20.6	2.3	<0.01	<0.01	0.52	8.8	0.4	<0.2	11.3	<0.01	0.03	3.5	<0.005
3044	Soil	866	8.9	2.7	<0.01	0.11	0.43	0.2	0.3	0.5	7.2	0.01	0.07	0.3	<0.005
3045	Soil	1040	6.4	4.2	<0.01	0.07	0.23	0.3	0.5	0.2	4.7	<0.01	0.09	0.6	<0.005
3046	Soil	661	18.7	3.0	<0.01	0.05	0.50	0.3	0.3	0.3	4.1	<0.01	0.03	0.8	<0.005
3047	Soil	579	14.1	3.1	<0.01	0.05	0.59	0.3	0.2	0.2	4.0	<0.01	0.04	1.4	<0.005
3048	Soil	383	15.4	2.3	<0.01	0.03	0.65	0.6	0.2	0.3	6.9	<0.01	0.04	2.0	0.005
3049	Soil	361	6.1	1.0	<0.01	0.04	0.17	0.2	0.3	<0.2	6.1	<0.01	<0.01	0.4	0.007
3050	Soil	334	32.3	3.0	<0.01	0.02	0.75	0.7	0.3	<0.2	6.4	<0.01	0.05	4.2	<0.005
3051	Soil	323	22.6	2.3	<0.01	0.03	0.72	0.6	<0.2	<0.2	6.4	<0.01	0.02	3.0	<0.005
3052	Soil	132	35.4	1.5	<0.01	<0.01	0.70	1.1	<0.2	<0.2	13.2	<0.01	0.01	8.9	<0.005
3053	Soil	200	29.2	2.2	<0.01	<0.01	0.74	0.9	0.3	<0.2	8.3	<0.01	0.03	4.8	0.005
3054	Soil	284	26.3	3.0	<0.01	0.03	0.73	0.7	0.3	0.3	5.4	<0.01	0.03	1.9	0.008
3055	Soil	349	20.3	3.9	<0.01	0.04	0.50	0.4	0.4	0.3	3.9	<0.01	0.04	0.6	0.009
3056	Soil	468	10.0	2.4	<0.01	0.05	0.42	0.2	0.4	0.2	3.6	<0.01	0.03	0.3	<0.005
3057	Soil	581	15.5	3.0	<0.01	0.06	0.56	0.2	0.3	0.2	5.8	<0.01	0.03	0.3	<0.005
3058	Soil	668	24.7	4.6	<0.01	0.07	0.62	0.5	0.6	0.3	5.5	<0.01	0.05	1.0	0.008
3059	Soil	804	17.1	4.6	<0.01	0.09	0.47	0.2	0.4	0.3	5.1	<0.01	0.05	0.4	<0.005
3060	Soil	820	13.3	3.9	<0.01	0.08	0.48	0.3	0.3	0.3	6.5	<0.01	0.03	0.6	<0.005
3061	Soil	444	16.3	4.3	<0.01	0.05	0.58	0.4	0.3	0.3	4.1	<0.01	0.06	1.2	0.008
3062	Soil	418	23.2	4.4	<0.01	0.02	0.55	1.0	0.3	0.2	7.4	<0.01	0.06	3.1	0.013
3063	Soil	660	22.6	5.1	<0.01	0.06	0.59	0.6	0.3	0.3	6.5	<0.01	0.08	1.5	0.009

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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3064	Soil	571	26.3	6.2	<0.01	0.04	0.69	0.9	0.4	0.4	6.9	<0.01	0.04	1.9	0.012
3065	Soil	289	21.1	3.2	<0.01	0.03	0.59	0.6	0.4	0.3	4.4	<0.01	0.03	1.1	0.010
3066	Soil	377	26.7	4.7	<0.01	0.02	0.83	1.5	0.4	0.4	9.2	<0.01	0.02	2.5	0.021
3067	Soil	512	24.6	3.0	<0.01	0.04	0.59	0.6	0.4	0.3	4.7	<0.01	0.02	1.4	0.005
3068	Soil	329	28.5	2.0	<0.01	0.02	0.67	0.9	0.3	<0.2	4.5	<0.01	0.03	2.7	0.006
3071	Soil	385	31.3	2.6	<0.01	0.02	1.05	1.8	0.4	0.2	2.6	<0.01	0.06	4.6	<0.005
3072	Soil	439	22.0	3.0	<0.01	0.03	0.87	1.0	<0.2	0.3	2.8	<0.01	0.07	2.5	0.005
3073	Soil	344	40.2	2.3	<0.01	0.03	4.49	2.0	0.3	<0.2	8.3	<0.01	0.08	4.7	<0.005
3074	Soil	419	18.1	3.9	<0.01	0.03	0.71	0.6	0.2	0.3	4.0	<0.01	0.07	0.8	0.009
3075	Soil	426	27.4	3.6	<0.01	0.03	0.82	1.4	0.3	0.3	5.2	<0.01	0.07	2.5	0.010
3076	Soil	359	31.9	1.9	<0.01	0.02	0.60	1.6	0.2	<0.2	2.8	<0.01	0.05	4.6	<0.005
3077	Soil	446	37.8	2.4	<0.01	0.02	0.60	1.8	0.3	<0.2	2.4	<0.01	0.06	4.6	<0.005
3078	Soil	559	49.8	2.9	<0.01	0.04	0.65	1.5	0.3	<0.2	2.3	<0.01	0.07	3.9	<0.005
3079	Soil	307	34.2	2.0	<0.01	<0.01	0.59	2.0	<0.2	<0.2	3.5	<0.01	0.06	7.1	<0.005
3080	Soil	287	36.4	1.9	<0.01	0.01	1.15	1.7	<0.2	<0.2	2.9	<0.01	0.06	5.2	<0.005
3081	Soil	358	38.1	1.5	<0.01	<0.01	0.97	2.4	0.2	<0.2	3.8	<0.01	0.06	7.8	<0.005
3082	Soil	399	33.1	2.3	<0.01	0.03	1.30	1.5	0.3	<0.2	2.2	<0.01	0.05	3.4	<0.005
3083	Soil	189	29.9	1.7	<0.01	<0.01	1.64	1.9	0.2	<0.2	3.1	<0.01	0.07	5.5	<0.005
3084	Soil	839	27.3	3.0	<0.01	0.06	0.89	0.9	0.3	0.2	4.2	<0.01	0.08	1.3	<0.005
3085	Soil	557	17.3	2.6	<0.01	0.04	0.99	0.7	0.4	0.2	4.0	<0.01	0.05	1.2	<0.005
3086	Soil	403	30.4	2.0	<0.01	0.02	0.82	1.3	0.3	<0.2	7.2	<0.01	0.06	2.3	0.005
3087	Soil	286	40.8	1.2	<0.01	<0.01	1.09	2.4	0.2	<0.2	12.0	<0.01	0.11	5.2	<0.005
3088	Soil	357	33.8	1.7	<0.01	0.02	0.90	1.7	<0.2	<0.2	4.6	<0.01	0.07	3.5	<0.005
3089	Soil	487	18.0	1.6	<0.01	0.05	0.63	0.3	<0.2	<0.2	3.4	<0.01	0.02	0.5	<0.005
3090	Soil	634	59.0	2.6	<0.01	0.04	1.86	0.7	<0.2	<0.2	3.4	<0.01	0.09	2.1	<0.005
3091	Soil	590	26.8	3.2	<0.01	0.04	0.90	0.6	0.3	<0.2	4.4	<0.01	0.07	0.9	<0.005
3092	Soil	700	44.2	3.4	<0.01	0.05	2.56	1.2	0.4	0.2	12.2	<0.01	0.11	2.1	<0.005
3093	Soil	698	34.1	5.6	<0.01	0.05	1.05	0.6	0.3	0.4	5.6	0.01	0.08	1.0	0.009
3094	Soil	760	31.3	6.7	<0.01	0.06	1.24	0.5	0.3	0.3	10.7	<0.01	0.05	0.6	0.006
3095	Soil	780	51.3	3.3	<0.01	0.03	1.74	2.9	0.3	<0.2	11.1	<0.01	0.08	4.5	<0.005
3096	Soil	573	55.2	2.4	<0.01	0.03	2.34	1.0	<0.2	0.2	8.1	<0.01	0.06	2.9	<0.005
3097	Soil	493	324.3	2.5	<0.01	0.03	6.92	0.8	0.3	0.6	16.2	<0.01	0.06	2.4	<0.005
3098	Soil	227	104.4	2.0	<0.01	<0.01	2.13	1.6	<0.2	<0.2	4.1	<0.01	0.08	9.2	<0.005
3099	Soil	980	31.8	2.2	<0.01	0.04	2.17	1.0	0.3	<0.2	5.6	<0.01	0.16	2.8	<0.005
3100	Soil	1018	37.2	4.5	<0.01	0.06	1.09	1.3	0.3	0.2	12.3	<0.01	0.09	2.1	<0.005
3101	Soil	535	20.0	2.0	<0.01	0.03	0.45	2.0	0.3	<0.2	8.0	<0.01	0.03	3.8	<0.005
3102	Soil	744	26.8	2.5	<0.01	0.06	0.79	0.4	0.4	<0.2	5.0	<0.01	0.09	0.7	<0.005
3103	Soil	255	206.8	3.8	<0.01	0.04	4.95	0.8	0.3	0.4	37.7	<0.01	0.10	3.9	<0.005
3104	Soil	87	229.9	3.2	<0.01	0.05	4.73	0.4	<0.2	0.3	50.0	<0.01	0.07	5.5	<0.005
3105	Soil	322	1097.0	3.5	<0.01	0.09	13.28	0.8	<0.2	0.8	34.8	<0.01	0.07	3.2	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3106	Soil	548	31.5	2.1	<0.01	0.03	2.47	0.6	0.4	<0.2	5.0	<0.01	0.07	1.3	<0.005
3107	Soil	616	38.5	3.8	<0.01	0.05	1.80	0.6	0.3	<0.2	3.6	<0.01	0.09	1.4	0.006
3108	Soil	682	40.5	3.0	<0.01	0.06	2.39	0.5	0.2	0.2	4.2	<0.01	0.07	1.1	<0.005
3109	Soil	567	26.3	3.5	<0.01	0.05	1.40	0.3	<0.2	0.2	3.7	<0.01	0.04	0.6	<0.005
3110	Soil	429	14.4	2.1	<0.01	0.04	0.58	0.2	<0.2	<0.2	3.5	<0.01	0.02	0.3	<0.005
3111	Soil	686	22.9	4.2	<0.01	0.05	0.66	0.5	0.3	0.2	3.5	0.01	0.06	1.1	0.007
3112	Soil	634	18.2	3.9	<0.01	0.05	0.53	0.6	<0.2	<0.2	3.8	<0.01	0.05	1.4	0.005
3113	Soil	356	81.1	2.8	<0.01	0.03	0.87	1.2	<0.2	<0.2	5.6	<0.01	0.05	2.6	<0.005
3114	Soil	568	34.2	2.4	<0.01	0.02	0.50	1.3	<0.2	<0.2	3.2	<0.01	0.07	3.1	<0.005
3115	Soil	836	19.6	2.5	<0.01	0.02	0.83	8.1	0.2	<0.2	11.5	<0.01	0.05	1.7	<0.005
3116	Soil	666	33.9	2.4	<0.01	0.02	1.54	5.8	0.2	<0.2	9.7	<0.01	0.05	4.5	<0.005
3117	Soil	469	12.1	2.7	<0.01	0.03	3.34	2.2	0.3	0.2	12.1	<0.01	0.09	4.0	<0.005
3118	Soil	341	182.9	1.5	<0.01	0.01	0.82	3.2	0.4	<0.2	20.3	<0.01	0.14	4.6	<0.005
3119	Soil	383	12.1	4.3	<0.01	0.02	0.20	1.0	<0.2	<0.2	6.1	<0.01	0.06	2.9	<0.005
3120	Soil	551	12.7	2.9	<0.01	0.04	0.90	0.4	<0.2	0.3	4.3	<0.01	0.03	1.2	0.006
3121	Soil	697	16.2	4.0	<0.01	0.07	0.60	0.4	0.5	0.4	5.9	<0.01	0.03	0.6	0.006
3122	Soil	597	17.6	3.8	<0.01	0.07	0.54	0.4	0.4	0.3	4.9	<0.01	0.04	0.7	0.008
3123	Soil	340	18.3	3.0	<0.01	0.03	0.62	0.7	<0.2	<0.2	6.7	<0.01	0.03	2.3	0.007
3124	Soil	635	16.3	3.9	<0.01	0.05	0.46	0.5	0.2	0.3	9.5	<0.01	0.04	0.6	<0.005
3125	Soil	465	13.4	4.0	<0.01	0.05	0.37	0.4	<0.2	0.3	5.3	<0.01	0.02	0.4	0.007
3126	Soil	520	23.1	4.4	<0.01	0.03	0.78	0.5	0.6	0.3	4.3	<0.01	0.05	1.2	0.007
3127	Soil	588	18.1	4.2	<0.01	0.07	0.54	0.5	0.4	0.3	13.0	<0.01	0.02	0.7	0.006
3128	Soil	590	20.8	4.7	<0.01	0.06	1.38	0.5	0.4	0.3	5.4	<0.01	0.06	0.9	0.006
3129	Soil	538	22.2	3.7	<0.01	0.05	2.05	0.5	0.5	0.2	6.0	<0.01	0.07	1.0	<0.005
3130	Soil	443	12.5	5.3	<0.01	0.05	0.75	0.3	0.3	0.3	4.4	<0.01	0.04	0.2	0.007
3131	Soil	493	17.8	4.3	<0.01	0.05	0.98	0.6	0.4	0.3	3.7	<0.01	0.05	0.9	0.007
3132	Soil	799	20.0	5.2	<0.01	0.10	0.63	0.2	<0.2	0.3	7.0	<0.01	0.05	0.4	0.006
3153	Soil	588	9.9	4.7	<0.01	0.06	0.40	0.2	0.4	0.4	5.5	<0.01	0.02	0.2	0.005
3154	Soil	389	24.9	3.3	<0.01	0.04	0.35	0.2	0.3	0.2	3.6	<0.01	0.01	0.3	0.006
3155	Soil	511	22.9	6.1	<0.01	0.04	0.77	0.6	0.3	0.5	5.8	<0.01	0.03	0.6	0.013
3156	Soil	575	15.7	3.1	<0.01	0.06	1.17	0.2	0.2	0.2	4.4	<0.01	0.05	0.3	<0.005
3157	Soil	496	25.0	4.7	<0.01	0.06	0.67	0.5	0.4	0.3	6.1	<0.01	0.04	0.9	0.008
3158	Soil	317	19.5	4.1	<0.01	0.03	0.56	0.7	<0.2	0.4	5.3	<0.01	0.03	1.2	0.011
3159	Soil	462	25.2	4.5	<0.01	0.02	1.32	1.4	0.6	0.2	7.4	<0.01	0.05	2.5	0.010
3160	Soil	382	30.1	3.5	<0.01	0.03	2.13	0.8	0.4	<0.2	7.2	<0.01	0.01	2.7	0.006
3161	Soil	525	13.2	4.2	<0.01	0.06	0.43	0.3	0.4	0.3	7.3	<0.01	0.02	0.5	0.007
3162	Soil	529	23.6	6.0	<0.01	0.05	0.57	0.4	0.3	0.3	6.3	<0.01	0.05	0.5	0.007
3163	Soil	274	5.0	1.7	<0.01	0.03	0.14	<0.1	<0.2	<0.2	4.0	<0.01	<0.01	<0.2	0.007
3164	Soil	557	20.4	3.7	<0.01	0.06	0.77	0.5	0.4	0.2	6.3	<0.01	0.03	1.3	0.007
3165	Soil	301	35.9	2.3	<0.01	0.01	0.90	1.3	<0.2	<0.2	9.3	<0.01	0.02	6.2	0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3166	Soil	721	13.6	5.1	<0.01	0.08	0.67	0.2	0.3	0.4	4.8	<0.01	0.04	0.3	0.006
3167	Soil	569	26.4	4.4	<0.01	0.04	0.83	0.4	0.3	0.2	6.6	<0.01	0.02	1.0	0.006
3168	Soil	525	23.6	5.1	<0.01	0.05	0.61	0.3	0.2	0.3	6.2	<0.01	0.04	0.6	0.008
3169	Soil	570	14.3	4.1	<0.01	0.07	0.51	0.2	0.2	0.3	6.4	<0.01	0.03	0.4	0.006
3170	Soil	405	24.5	3.1	<0.01	0.02	1.33	1.6	0.2	0.2	9.7	<0.01	0.05	2.1	0.006
3171	Soil	764	21.6	3.4	<0.01	0.06	0.96	0.3	<0.2	0.2	4.0	<0.01	0.02	0.7	<0.005
3172	Soil	356	6.3	2.2	<0.01	0.05	0.15	<0.1	<0.2	<0.2	4.3	<0.01	<0.01	<0.2	<0.005
3173	Soil	444	22.1	5.0	<0.01	0.03	0.54	0.5	<0.2	0.3	6.3	<0.01	0.04	1.0	0.009
3174	Soil	562	25.9	6.4	<0.01	0.02	0.83	1.1	0.4	0.3	6.4	<0.01	0.04	1.9	0.013
3175	Soil	589	15.0	4.4	<0.01	0.06	0.71	0.4	0.3	0.3	4.7	<0.01	0.06	0.9	0.006
3176	Soil	585	14.5	5.0	<0.01	0.06	0.58	0.4	0.3	0.3	4.9	<0.01	0.04	0.8	0.006
3177	Soil	447	7.9	3.1	<0.01	0.06	0.35	<0.1	<0.2	0.2	3.6	<0.01	<0.01	<0.2	<0.005
3178	Soil	623	20.4	3.3	<0.01	0.08	0.78	0.5	0.3	0.3	6.1	<0.01	0.05	1.4	0.008
3179	Soil	384	29.1	3.8	<0.01	0.02	1.00	0.9	<0.2	0.3	12.0	<0.01	0.05	2.3	0.013
3180	Soil	344	17.9	4.2	<0.01	0.04	0.71	0.5	<0.2	0.3	6.7	<0.01	0.04	0.9	0.011
3181	Soil	637	13.9	3.9	<0.01	0.07	0.64	0.2	0.3	0.4	5.0	<0.01	0.04	0.4	<0.005
3182	Soil	341	13.6	3.4	<0.01	0.04	0.55	0.4	0.4	0.2	3.9	<0.01	0.02	0.6	0.007
3183	Soil	568	20.1	3.5	<0.01	0.06	0.67	0.3	0.5	0.4	4.9	<0.01	0.04	0.3	0.006
3184	Soil	661	14.9	3.5	<0.01	0.06	0.61	0.3	0.4	0.5	4.2	<0.01	0.06	0.4	0.006
3185	Soil	497	11.0	3.1	<0.01	0.05	0.72	0.4	0.3	0.3	5.0	<0.01	0.07	0.6	0.006
3186	Soil	597	7.9	2.3	<0.01	0.05	0.32	0.2	0.3	0.2	4.4	<0.01	0.01	<0.2	<0.005
3187	Soil	410	14.0	3.3	<0.01	0.04	0.69	0.4	<0.2	0.2	4.0	<0.01	0.04	1.2	<0.005
3188	Soil	536	9.2	2.7	<0.01	0.06	0.30	0.2	<0.2	0.2	3.4	<0.01	0.03	0.3	<0.005
3189	Soil	658	17.2	3.5	<0.01	0.06	0.56	0.4	0.4	0.2	4.8	<0.01	0.04	1.3	<0.005
3190	Soil	472	13.1	3.5	<0.01	0.02	0.34	0.5	0.3	0.2	4.6	<0.01	0.02	0.9	0.008
3191	Soil	647	54.0	2.5	<0.01	0.06	0.28	0.4	0.4	<0.2	5.2	<0.01	0.07	1.0	0.007
3192	Soil	437	49.5	1.7	<0.01	<0.01	7.68	5.5	0.4	<0.2	9.1	<0.01	0.05	5.4	<0.005
3193	Soil	670	25.6	2.3	<0.01	<0.01	6.60	6.6	0.2	<0.2	33.5	<0.01	0.06	6.4	<0.005
3194	Soil	585	16.0	2.1	<0.01	0.03	0.84	3.0	0.2	<0.2	19.9	<0.01	0.04	1.6	0.008
3195	Soil	488	21.4	1.8	<0.01	0.04	1.51	4.9	<0.2	<0.2	11.0	<0.01	0.05	6.5	<0.005
3196	Soil	332	11.4	1.8	<0.01	<0.01	1.02	3.3	<0.2	<0.2	9.5	<0.01	0.04	7.9	<0.005
3197	Soil	414	7.4	2.9	<0.01	0.01	0.41	1.1	<0.2	<0.2	3.2	<0.01	0.07	4.4	<0.005
3198	Soil	240	5.7	1.9	<0.01	<0.01	0.29	1.0	<0.2	<0.2	4.2	<0.01	0.06	5.8	<0.005
3199	Soil	688	7.5	2.9	<0.01	0.07	0.32	0.4	<0.2	<0.2	6.2	<0.01	0.04	1.3	<0.005
3200	Soil	418	32.0	2.6	<0.01	0.03	5.99	1.1	0.2	<0.2	3.3	<0.01	0.05	3.2	<0.005

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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2871	Soil	0.05	1.02	15	0.25	2.60	71	1.5
2872	Soil	<0.05	0.87	15	0.18	2.81	66	1.1
2873	Soil	<0.05	0.57	15	0.19	0.94	66	0.6
2874	Soil	0.06	0.72	18	0.23	1.04	73	<0.5
2875	Soil	<0.05	0.54	20	0.25	1.20	63	0.8
2876	Soil	<0.05	1.40	14	0.13	3.48	89	3.7
2877	Soil	<0.05	3.24	16	0.16	5.51	80	5.5
2878	Soil	<0.05	0.99	12	0.22	1.54	67	1.2
2879	Soil	<0.05	1.52	12	0.23	4.40	70	2.0
2880	Soil	<0.05	0.96	15	0.46	1.19	77	1.1
2881	Soil	<0.05	0.74	14	0.37	1.46	60	0.7
2882	Soil	<0.05	0.35	18	0.24	0.77	30	<0.5
2883	Soil	<0.05	0.50	16	0.32	1.15	58	<0.5
2884	Soil	0.06	1.90	9	0.21	4.75	78	2.0
2885	Soil	0.05	1.89	10	0.22	8.38	77	3.2
2886	Soil	<0.05	1.06	14	0.23	2.61	83	1.2
2887	Soil	<0.05	1.00	17	0.16	1.37	110	1.0
3001	Soil	<0.05	1.35	18	0.08	1.43	98	3.6
3002	Soil	<0.05	1.51	20	0.08	2.00	147	2.8
3003	Soil	<0.05	1.19	22	0.09	1.76	128	2.7
3004	Soil	<0.05	0.86	21	0.08	1.19	91	3.6
3005	Soil	<0.05	0.76	25	0.06	1.03	100	2.6
3006	Soil	<0.05	0.67	18	0.07	1.00	57	2.3
3007	Soil	<0.05	0.67	25	0.07	1.20	118	2.8
3008	Soil	<0.05	0.75	28	0.10	1.23	91	1.5
3009	Soil	<0.05	0.94	24	0.10	1.21	108	2.3
3010	Soil	<0.05	1.35	20	0.05	0.80	87	3.2
3011	Soil	<0.05	1.02	18	0.11	1.79	94	3.7
3012	Soil	<0.05	0.88	23	0.06	1.19	96	3.4
3013	Soil	<0.05	0.83	22	0.08	1.29	97	2.5
3014	Soil	<0.05	0.82	26	0.13	1.41	98	1.8
3015	Soil	<0.05	1.32	21	0.10	2.30	105	1.9
3016	Soil	<0.05	1.32	21	<0.05	2.53	119	3.1
3017	Soil	<0.05	0.86	24	0.08	1.93	117	3.0
3018	Soil	0.05	1.15	16	<0.05	2.36	122	2.3
3019	Soil	<0.05	0.70	15	0.09	1.76	91	3.7
3020	Soil	<0.05	0.53	18	0.07	1.42	79	2.6
3021	Soil	<0.05	0.44	14	0.05	1.07	51	3.0
3022	Soil	<0.05	0.62	20	0.12	2.38	53	0.7
3023	Soil	<0.05	0.50	21	0.13	0.90	48	<0.5

3Ace Property, Northern Tiger Resources Inc.
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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3024	Soil	<0.05	0.81	19	0.12	1.61	95	1.0
3025	Soil	<0.05	1.40	9	0.58	10.29	119	3.8
3026	Soil	<0.05	0.38	8	0.28	0.65	14	0.9
3027	Soil	<0.05	0.60	15	0.14	0.67	66	3.0
3028	Soil	<0.05	1.41	15	0.21	2.19	154	9.4
3029	Soil	0.05	1.46	10	0.25	18.43	158	3.3
3030	Soil	<0.05	0.85	13	0.07	3.16	36	2.8
3031	Soil	<0.05	0.70	21	0.06	0.68	62	5.2
3032	Soil	<0.05	0.86	16	0.06	1.13	94	3.4
3033	Soil	<0.05	0.76	14	0.08	1.03	63	2.8
3034	Soil	<0.05	0.82	10	0.12	1.10	44	1.7
3035	Soil	<0.05	0.97	12	0.13	0.90	83	3.0
3036	Soil	<0.05	0.75	18	2.78	1.75	79	1.7
3037	Soil	<0.05	0.92	16	0.41	4.83	92	3.1
3038	Soil	<0.05	1.46	12	0.16	2.51	83	2.6
3039	Soil	<0.05	0.77	15	0.09	0.97	64	3.5
3040	Soil	0.09	0.63	29	0.12	1.72	78	1.3
3041	Soil	<0.05	0.37	13	0.11	0.49	23	0.6
3042	Soil	<0.05	1.49	23	<0.05	1.43	149	3.2
3043	Soil	<0.05	0.55	25	0.06	9.55	74	0.9
3044	Soil	<0.05	0.77	25	0.10	1.26	37	0.7
3045	Soil	<0.05	0.69	18	0.09	1.67	38	1.2
3046	Soil	<0.05	0.83	19	0.09	1.48	48	0.9
3047	Soil	<0.05	0.75	17	0.11	1.65	40	1.8
3048	Soil	<0.05	0.98	18	0.11	3.63	53	1.6
3049	Soil	<0.05	0.61	8	0.06	2.94	10	1.4
3050	Soil	<0.05	1.14	14	<0.05	2.32	81	3.2
3051	Soil	<0.05	0.86	11	0.05	2.40	49	1.6
3052	Soil	<0.05	0.72	8	0.06	3.36	47	2.7
3053	Soil	<0.05	0.72	14	0.08	2.67	66	1.8
3054	Soil	<0.05	0.87	20	0.16	2.66	65	1.1
3055	Soil	<0.05	0.73	20	0.15	1.89	51	<0.5
3056	Soil	<0.05	0.51	14	0.10	1.59	31	0.8
3057	Soil	<0.05	0.67	16	0.11	1.40	46	0.6
3058	Soil	0.06	1.13	24	0.15	2.60	68	1.1
3059	Soil	<0.05	0.85	22	0.13	1.43	49	0.5
3060	Soil	0.06	0.88	22	0.14	1.83	43	1.1
3061	Soil	0.05	0.90	26	0.19	2.08	55	0.9
3062	Soil	<0.05	0.87	20	0.16	2.05	63	1.1
3063	Soil	0.05	1.27	27	0.16	2.36	72	1.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3064	Soil	0.07	1.50	26	0.25	3.49	79	0.9
3065	Soil	<0.05	1.14	20	0.15	2.44	70	0.5
3066	Soil	0.08	1.27	34	0.37	5.08	97	0.7
3067	Soil	0.05	1.16	22	0.11	2.60	78	1.0
3068	Soil	<0.05	1.05	19	0.10	2.74	90	1.9
3071	Soil	<0.05	1.28	26	0.11	1.46	103	3.4
3072	Soil	<0.05	0.80	27	0.15	1.21	70	1.8
3073	Soil	<0.05	1.36	24	0.07	1.54	110	2.8
3074	Soil	<0.05	0.60	28	0.16	1.20	78	0.5
3075	Soil	<0.05	0.85	26	0.16	1.67	100	1.6
3076	Soil	<0.05	0.86	20	<0.05	1.05	100	3.4
3077	Soil	<0.05	1.24	23	0.06	1.57	104	3.6
3078	Soil	<0.05	0.86	22	0.07	1.01	99	3.4
3079	Soil	<0.05	1.19	22	<0.05	1.26	110	2.2
3080	Soil	<0.05	1.09	20	<0.05	1.03	90	2.3
3081	Soil	<0.05	1.46	23	<0.05	2.29	124	1.8
3082	Soil	<0.05	0.98	22	0.07	1.58	109	3.4
3083	Soil	<0.05	1.20	18	0.08	1.95	123	1.6
3084	Soil	<0.05	1.76	20	0.10	3.42	67	2.6
3085	Soil	<0.05	0.75	22	0.15	1.41	68	1.5
3086	Soil	<0.05	0.76	18	0.08	1.77	82	2.4
3087	Soil	<0.05	0.84	17	0.06	3.36	102	1.2
3088	Soil	<0.05	0.85	19	0.06	1.63	99	3.3
3089	Soil	<0.05	0.55	14	0.11	1.05	37	1.7
3090	Soil	<0.05	0.90	21	0.10	1.42	88	2.4
3091	Soil	<0.05	0.93	18	0.11	1.85	70	1.3
3092	Soil	<0.05	1.47	17	0.08	5.44	82	4.5
3093	Soil	<0.05	0.89	28	0.23	2.68	89	0.9
3094	Soil	<0.05	1.12	19	0.13	3.91	86	1.3
3095	Soil	<0.05	1.22	19	0.15	6.73	146	2.6
3096	Soil	<0.05	0.86	19	2.52	1.63	122	1.4
3097	Soil	0.05	0.99	17	0.15	2.13	144	2.1
3098	Soil	<0.05	1.60	10	0.19	2.50	145	0.7
3099	Soil	<0.05	0.79	19	0.17	1.72	79	4.7
3100	Soil	<0.05	1.29	19	1.16	4.39	88	5.4
3101	Soil	<0.05	1.03	20	0.06	3.00	101	4.9
3102	Soil	<0.05	0.68	18	0.09	1.48	51	1.5
3103	Soil	0.44	0.92	12	0.53	1.42	75	0.8
3104	Soil	0.79	0.97	6	2.92	0.77	40	0.6
3105	Soil	1.21	1.45	11	0.79	1.34	90	0.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3106	Soil	<0.05	2.52	15	0.23	1.62	124	1.0
3107	Soil	<0.05	1.23	17	0.25	1.06	79	1.8
3108	Soil	<0.05	0.91	17	0.25	1.82	83	1.2
3109	Soil	<0.05	0.70	16	12.48	1.32	60	1.0
3110	Soil	<0.05	0.49	13	0.11	0.69	38	0.9
3111	Soil	<0.05	0.64	22	0.19	1.00	75	1.4
3112	Soil	<0.05	0.78	19	0.11	0.83	69	2.2
3113	Soil	<0.05	1.63	16	0.08	1.97	138	2.7
3114	Soil	<0.05	0.94	16	0.06	1.59	88	3.5
3115	Soil	<0.05	0.37	17	0.07	11.69	50	1.3
3116	Soil	<0.05	0.86	23	0.09	7.42	103	3.0
3117	Soil	<0.05	1.81	16	<0.05	4.02	99	3.3
3118	Soil	<0.05	1.07	11	<0.05	9.00	80	4.3
3119	Soil	<0.05	0.47	18	0.07	1.95	73	2.2
3120	Soil	<0.05	0.96	20	0.10	2.07	49	0.9
3121	Soil	0.08	0.73	24	0.20	2.13	56	0.9
3122	Soil	0.06	0.85	23	0.13	2.26	53	0.7
3123	Soil	<0.05	0.76	18	0.14	2.28	70	1.9
3124	Soil	0.08	0.67	23	0.13	2.38	60	0.7
3125	Soil	0.05	0.58	19	0.14	1.66	48	0.6
3126	Soil	0.06	1.01	21	0.13	3.09	64	0.9
3127	Soil	0.06	0.99	15	0.13	6.35	39	1.0
3128	Soil	0.06	0.80	21	0.15	2.52	60	1.1
3129	Soil	0.05	0.75	20	0.10	2.68	75	1.0
3130	Soil	0.06	0.60	22	0.16	1.77	45	<0.5
3131	Soil	0.06	0.71	20	0.17	2.14	53	1.1
3132	Soil	0.05	0.83	25	0.15	1.65	62	<0.5
3153	Soil	0.07	0.71	22	0.15	1.71	32	<0.5
3154	Soil	0.09	0.50	15	0.09	1.02	30	0.7
3155	Soil	0.09	0.97	32	0.19	3.06	70	<0.5
3156	Soil	0.05	0.70	17	0.14	2.89	44	0.5
3157	Soil	0.06	0.98	21	0.18	2.50	66	1.0
3158	Soil	0.07	0.87	26	0.18	2.69	71	<0.5
3159	Soil	0.05	0.86	21	0.14	3.54	78	1.3
3160	Soil	0.06	1.81	17	0.14	4.79	52	0.8
3161	Soil	<0.05	0.81	19	0.16	1.70	42	0.8
3162	Soil	0.07	0.95	25	0.16	2.11	71	<0.5
3163	Soil	<0.05	0.36	12	0.08	0.80	17	<0.5
3164	Soil	<0.05	0.93	19	0.13	2.22	79	1.2
3165	Soil	<0.05	1.01	16	0.11	3.61	103	1.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3166	Soil	0.06	0.79	29	0.19	1.92	59	<0.5
3167	Soil	0.05	0.89	22	0.14	2.01	72	0.7
3168	Soil	0.06	0.85	21	0.17	1.89	61	0.6
3169	Soil	0.05	0.82	19	0.15	1.58	50	<0.5
3170	Soil	0.05	1.13	19	0.13	9.53	62	0.8
3171	Soil	0.06	0.94	18	0.13	2.07	52	0.8
3172	Soil	<0.05	0.35	12	0.11	0.70	15	<0.5
3173	Soil	0.07	1.11	26	0.21	2.67	68	0.6
3174	Soil	0.08	1.01	28	0.20	3.01	77	<0.5
3175	Soil	0.05	0.71	18	0.13	1.90	54	1.4
3176	Soil	<0.05	0.72	23	0.13	1.84	53	0.6
3177	Soil	<0.05	0.45	15	0.13	0.83	30	<0.5
3178	Soil	<0.05	1.04	22	0.17	2.39	69	1.3
3179	Soil	0.06	0.92	21	0.18	3.86	83	1.2
3180	Soil	<0.05	0.86	22	0.22	2.50	71	<0.5
3181	Soil	0.06	0.89	23	0.14	1.83	48	<0.5
3182	Soil	<0.05	0.66	18	0.14	1.89	57	0.6
3183	Soil	0.07	0.61	28	0.19	2.16	59	<0.5
3184	Soil	0.06	0.60	28	0.17	1.63	53	<0.5
3185	Soil	<0.05	0.62	23	0.12	1.72	62	0.6
3186	Soil	<0.05	0.46	18	0.11	1.18	34	<0.5
3187	Soil	<0.05	0.66	17	0.11	1.53	50	0.9
3188	Soil	<0.05	0.40	18	0.10	0.86	41	0.6
3189	Soil	<0.05	0.76	17	0.12	2.07	60	1.4
3190	Soil	<0.05	0.59	17	0.10	1.61	40	1.1
3191	Soil	<0.05	0.70	17	0.12	1.59	47	1.8
3192	Soil	<0.05	1.94	12	<0.05	16.89	68	0.9
3193	Soil	<0.05	0.94	22	0.09	11.07	85	3.7
3194	Soil	<0.05	1.06	11	0.10	10.87	65	3.4
3195	Soil	<0.05	0.79	21	<0.05	7.14	97	5.5
3196	Soil	<0.05	0.56	16	0.07	4.60	77	4.3
3197	Soil	<0.05	0.85	17	0.07	1.43	81	1.1
3198	Soil	<0.05	0.92	15	0.05	1.46	95	1.2
3199	Soil	<0.05	0.96	14	0.09	1.51	59	1.6
3200	Soil	<0.05	0.91	9	0.49	2.96	125	1.4

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2871	Soil		0.12	1.27	59.5	45	0.29	0.38	0.04	0.09	16.03	8.2	19	0.97	27.8
2871 Dup			0.11	1.32	59.5	45	0.33	0.39	0.04	0.09	17.59	8.2	19	1.07	28.5
QCV1108-01271-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.68												6198.7
3002	Soil		0.05	2.25	39.1	20	0.55	0.39	0.05	0.09	17.67	36.7	36	3.01	70.5
3002 Dup			0.04	2.34	39.9	20	0.51	0.39	0.05	0.10	19.38	36.4	35	3.02	70.4
QCV1108-01271-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.37					8.71				23.0			>10000
3020	Soil		0.05	1.79	6.0	22	0.34	0.40	0.02	0.13	12.71	17.5	29	1.22	40.7
3020 Dup			0.05	1.83	6.3	23	0.31	0.39	0.02	0.13	13.32	18.0	28	1.22	40.8
QCV1108-01271-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.49					8.66				22.7			>10000
3038	Soil		0.45	1.11	537.6	31	0.25	0.26	0.01	0.22	11.74	10.4	15	0.89	25.3
3038 Dup			0.47	1.11	557.9	33	0.23	0.26	0.01	0.23	12.64	10.8	15	0.96	25.1
QCV1108-01271-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6273.9
3056	Soil		0.05	0.90	6.5	23	0.17	0.18	0.02	0.05	8.01	4.2	9	0.47	13.4
3056 Dup			0.05	0.89	7.1	25	0.17	0.18	0.02	0.06	8.68	4.3	9	0.51	13.4
QCV1108-01271-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.61					8.79				22.5			>10000
3076	Soil		0.03	2.28	13.5	15	0.29	0.36	0.03	0.08	11.65	17.0	34	1.94	42.1
3076 Dup			0.03	2.30	13.6	16	0.26	0.37	0.03	0.08	12.41	18.2	36	1.99	41.8
QCV1108-01271-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6211.2
3094	Soil		0.11	1.11	113.6	57	0.47	0.36	0.10	0.25	15.35	11.8	15	6.98	25.3
3094 Dup			0.12	1.13	114.5	58	0.47	0.36	0.10	0.23	15.92	12.0	15	7.11	25.5
QCV1108-01271-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6115.2
3112	Soil		0.07	1.53	21.0	25	0.17	0.36	0.02	0.21	8.30	9.2	25	1.24	19.6
3112 Dup			0.07	1.54	21.4	25	0.17	0.34	0.02	0.21	9.05	9.1	23	1.29	19.3
QCV1108-01271-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6147.1

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3130	Soil		0.06	0.93	10.3	38	0.18	0.25	0.02	0.09	18.28	5.3	15	0.71	16.1
3130 Dup			0.06	0.94	9.5	38	0.15	0.28	0.02	0.08	18.07	5.4	14	0.69	16.2
QCV1108-01271-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.56					8.69				21.5			>10000
3168	Soil		0.06	1.38	10.8	35	0.35	0.31	0.04	0.14	16.66	7.6	18	0.65	21.7
3168 Dup			0.05	1.27	11.4	33	0.26	0.30	0.04	0.14	12.20	7.6	17	0.58	20.9
QCV1108-01271-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6232.6
QCV1108-01271-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
3186	Soil		0.05	0.96	5.3	29	0.16	0.18	0.03	0.08	10.07	4.8	15	0.44	14.3
3186 Dup			0.05	0.97	5.5	30	0.15	0.19	0.03	0.09	10.12	5.1	16	0.47	14.6
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6213.1
QCV1108-01271-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.55					8.65				22.0			>10000
2871	Soil	0.022													
2871 Dup		0.021													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.394													
3002	Soil	0.006													
3002 Dup		0.007													
QCV1108-01272-0004-BLK		<0.005													
3020	Soil	0.007													
3020 Dup		0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.405													
3038	Soil	0.823													
3038 Dup		0.723													
QCV1108-01272-0008-BLK		0.009													
3056	Soil	0.009													
3056 Dup		0.007													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.382													
3076	Soil	0.012													
3076 Dup		0.013													
QCV1108-01272-0012-BLK		0.006													
3094	Soil	0.011													
3094 Dup		0.015													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.354													
3112	Soil	0.013													
3112 Dup		0.016													
QCV1108-01272-0016-BLK		0.010													
3130	Soil	0.013													
3130 Dup		0.013													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.432													
3168	Soil	0.017													
3168 Dup		0.017													
QCV1108-01272-0020-BLK		0.008													
3186	Soil	0.012													
3186 Dup		0.011													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2871	Soil	3.22	4.67	<0.05	0.08	0.02	0.03	8.3	30.1	0.43	279	0.61	<0.01	0.23	24.2
2871 Dup		3.24	4.63	<0.05	0.07	0.02	0.03	9.3	29.3	0.45	280	0.63	<0.01	0.21	23.6
QCV1108-01271-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3002	Soil	4.61	7.88	0.06	0.05	0.02	0.01	6.7	61.3	1.00	971	0.61	<0.01	<0.05	48.8
3002 Dup		4.63	7.94	0.06	0.06	0.02	0.01	7.4	60.8	1.01	987	0.58	<0.01	<0.05	48.3
QCV1108-01271-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3020	Soil	3.44	5.64	0.05	0.15	0.02	0.02	5.9	56.2	0.88	1809	1.20	<0.01	0.20	33.3
3020 Dup		3.49	5.72	0.06	0.12	0.02	0.02	6.2	55.0	0.89	1810	1.12	<0.01	0.20	33.8
QCV1108-01271-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3038	Soil	3.07	3.68	<0.05	0.10	0.02	0.02	5.7	17.4	0.28	923	0.59	<0.01	0.14	20.0
3038 Dup		3.03	3.80	<0.05	0.09	0.02	0.02	6.1	18.3	0.28	927	0.63	<0.01	0.14	20.9
QCV1108-01271-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3056	Soil	1.54	3.41	<0.05	0.08	0.01	0.02	3.9	8.3	0.16	220	0.54	0.02	0.24	8.2
3056 Dup		1.53	3.46	<0.05	0.05	0.01	0.02	4.2	8.8	0.16	214	0.54	0.02	0.25	8.3
QCV1108-01271-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3076	Soil	3.97	7.43	0.05	0.16	0.02	0.02	5.1	62.7	0.94	567	0.47	<0.01	0.12	39.5
3076 Dup		4.03	7.69	0.05	0.16	0.02	0.02	5.3	61.6	0.95	558	0.50	<0.01	0.12	41.6
QCV1108-01271-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3094	Soil	2.33	4.13	<0.05	0.07	0.02	0.04	7.1	15.6	0.24	1190	0.81	0.02	0.34	16.4
3094 Dup		2.39	4.32	<0.05	0.05	0.02	0.04	7.2	15.3	0.24	1194	0.76	0.02	0.33	16.3
QCV1108-01271-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3112	Soil	3.06	5.90	0.05	0.09	0.02	0.03	4.2	34.4	0.52	737	0.57	0.01	0.34	22.3
3112 Dup		3.03	5.73	<0.05	0.08	0.01	0.03	4.5	32.7	0.53	767	0.54	0.01	0.34	21.8
QCV1108-01271-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3130	Soil	2.06	4.34	<0.05	0.02	0.01	0.03	9.1	9.2	0.20	408	0.96	0.02	0.40	11.4
3130 Dup		2.08	4.19	<0.05	<0.02	0.02	0.04	8.8	9.5	0.20	419	0.91	0.02	0.40	11.2
QCV1108-01271-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3168	Soil	2.60	4.52	<0.05	0.02	0.02	0.04	8.4	18.5	0.33	581	0.93	0.02	0.37	16.8
3168 Dup		2.50	4.29	<0.05	0.03	0.02	0.03	5.9	16.8	0.30	578	0.96	0.01	0.38	16.1
QCV1108-01271-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01271-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3186	Soil	2.19	4.09	<0.05	0.03	0.01	0.03	4.8	11.4	0.25	307	0.68	0.02	0.22	9.8
3186 Dup		2.20	4.24	<0.05	0.06	0.01	0.03	4.9	12.5	0.26	308	0.76	0.02	0.24	10.6
QCV1108-01271-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2871	Soil	267	26.8	4.5	<0.01	0.01	0.70	1.2	0.3	<0.2	6.3	<0.01	0.05	4.6	<0.005
2871 Dup		270	25.3	4.5	<0.01	0.01	0.70	1.1	0.4	<0.2	6.3	<0.01	0.06	4.8	<0.005
QCV1108-01271-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
3002	Soil	234	55.6	1.5	<0.01	<0.01	2.29	2.9	0.3	<0.2	4.3	<0.01	0.03	6.9	<0.005
3002 Dup		238	56.3	1.6	<0.01	<0.01	2.29	2.9	<0.2	<0.2	4.6	<0.01	0.06	7.4	<0.005
QCV1108-01271-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				1.65		12.7	16.2					
3020	Soil	527	38.1	1.9	<0.01	0.02	0.44	1.1	0.2	<0.2	3.0	<0.01	0.08	2.1	<0.005
3020 Dup		528	40.3	1.9	<0.01	0.02	0.45	1.1	0.2	<0.2	3.0	<0.01	0.06	2.0	<0.005
QCV1108-01271-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.3				1.73		13.5	15.9					
3038	Soil	412	24.9	2.3	<0.01	0.03	1.94	0.9	0.3	<0.2	3.0	<0.01	0.03	3.1	<0.005
3038 Dup		432	25.8	2.5	<0.01	0.03	2.04	0.9	0.4	<0.2	3.2	<0.01	0.04	3.0	<0.005
QCV1108-01271-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
3056	Soil	468	10.0	2.4	<0.01	0.05	0.42	0.2	0.4	0.2	3.6	<0.01	0.03	0.3	<0.005
3056 Dup		486	10.3	2.4	<0.01	0.05	0.45	0.2	0.4	0.2	3.6	<0.01	0.05	0.3	<0.005
QCV1108-01271-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.67		13.7	15.6					
3076	Soil	359	31.9	1.9	<0.01	0.02	0.60	1.6	0.2	<0.2	2.8	<0.01	0.05	4.6	<0.005
3076 Dup		353	33.1	1.9	<0.01	0.02	0.62	1.7	0.3	<0.2	2.9	<0.01	0.07	4.7	<0.005
QCV1108-01271-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
3094	Soil	760	31.3	6.7	<0.01	0.06	1.24	0.5	0.3	0.3	10.7	<0.01	0.05	0.6	0.006
3094 Dup		758	29.3	6.9	<0.01	0.06	1.24	0.5	0.5	0.3	10.9	<0.01	0.05	0.6	0.006
QCV1108-01271-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
3112	Soil	634	18.2	3.9	<0.01	0.05	0.53	0.6	<0.2	<0.2	3.8	<0.01	0.05	1.4	0.005
3112 Dup		641	20.7	3.8	<0.01	0.05	0.52	0.6	<0.2	<0.2	3.9	<0.01	0.03	1.4	0.005
QCV1108-01271-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-06068-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3130	Soil	443	12.5	5.3	<0.01	0.05	0.75	0.3	0.3	0.3	4.4	<0.01	0.04	0.2	0.007
3130 Dup		448	13.2	5.1	<0.01	0.05	0.73	0.3	0.4	0.3	4.3	<0.01	0.04	0.3	0.007
QCV1108-01271-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.5				1.71		13.5	15.6					
3168	Soil	525	23.6	5.1	<0.01	0.05	0.61	0.3	0.2	0.3	6.2	<0.01	0.04	0.6	0.008
3168 Dup		518	23.1	4.3	<0.01	0.05	0.60	0.3	0.3	0.3	5.8	<0.01	0.03	0.6	0.008
QCV1108-01271-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01271-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
3186	Soil	597	7.9	2.3	<0.01	0.05	0.32	0.2	0.3	0.2	4.4	<0.01	0.01	<0.2	<0.005
3186 Dup		614	8.2	2.3	<0.01	0.05	0.33	0.2	0.2	0.2	4.8	<0.01	0.01	0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01271-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.6				1.74		13.4	16.0					

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2871	Soil	0.05	1.02	15	0.25	2.60	71	1.5
2871 Dup		<0.05	1.07	16	0.20	2.66	71	1.5
QCV1108-01271-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5194	
3002	Soil	<0.05	1.51	20	0.08	2.00	147	2.8
3002 Dup		<0.05	1.52	20	0.08	2.00	151	2.8
QCV1108-01271-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
3020	Soil	<0.05	0.53	18	0.07	1.42	79	2.6
3020 Dup		<0.05	0.55	18	0.07	1.46	80	2.5
QCV1108-01271-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
3038	Soil	<0.05	1.46	12	0.16	2.51	83	2.6
3038 Dup		<0.05	1.40	13	0.12	2.64	87	2.6
QCV1108-01271-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5237	
3056	Soil	<0.05	0.51	14	0.10	1.59	31	0.8
3056 Dup		<0.05	0.52	15	0.09	1.63	31	0.9
QCV1108-01271-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
3076	Soil	<0.05	0.86	20	<0.05	1.05	100	3.4
3076 Dup		<0.05	0.89	21	<0.05	1.05	103	3.2
QCV1108-01271-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5167	
3094	Soil	<0.05	1.12	19	0.13	3.91	86	1.3
3094 Dup		<0.05	1.16	19	0.14	4.02	87	1.2
QCV1108-01271-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5075	
3112	Soil	<0.05	0.78	19	0.11	0.83	69	2.2
3112 Dup		<0.05	0.74	18	0.12	0.84	65	2.1
QCV1108-01271-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5006	

3Ace Property, Northern Tiger Resources Inc.
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3130	Soil	0.06	0.60	22	0.16	1.77	45	<0.5
3130 Dup		0.07	0.66	22	0.14	1.70	44	<0.5
QCV1108-01271-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
3168	Soil	0.06	0.85	21	0.17	1.89	61	0.6
3168 Dup		0.06	0.78	20	0.16	1.76	59	0.7
QCV1108-01271-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5202	
QCV1108-01271-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
3186	Soil	<0.05	0.46	18	0.11	1.18	34	<0.5
3186 Dup		<0.05	0.50	18	0.09	1.26	35	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5320	
QCV1108-01271-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/15/2011
Date Completed: 09/12/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	115	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06069-01

Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3201	Soil	0.011	0.14	1.69	57.7	32	0.39	0.43	0.03	0.13	15.68	13.5	19	1.13	39.6
3202	Soil	0.012	0.10	0.91	42.1	23	0.14	0.22	0.01	0.07	10.31	6.5	14	1.01	13.9
3203	Soil	0.012	0.09	1.62	51.7	36	0.23	0.41	0.02	0.14	16.88	11.2	25	1.62	26.4
3204	Soil	0.007	0.16	1.14	17.8	37	0.25	0.27	0.01	0.11	11.10	6.8	18	2.11	20.4
3205	Soil	0.017	0.18	0.89	50.2	26	0.15	0.42	0.01	0.17	13.31	7.5	17	1.50	26.1
3206	Soil	0.269	2.50	0.94	1436.3	34	0.19	0.51	0.03	0.18	18.11	8.8	17	1.13	32.4
3207	Soil	0.188	1.29	0.52	1774.7	54	0.18	0.47	0.02	1.25	18.79	10.9	8	2.65	34.0
3208	Soil	0.112	0.98	0.34	1293.9	43	0.21	0.47	0.01	4.37	22.95	13.3	12	1.93	50.8
3209	Soil	0.330	6.61	0.27	2050.9	37	0.19	0.62	<0.01	3.23	21.10	7.1	8	1.91	79.7
3210	Soil	0.128	1.12	0.33	357.2	19	0.07	0.22	0.02	0.95	12.19	4.1	5	0.99	18.9
3211	Soil	0.007	0.09	1.48	41.3	50	0.21	0.42	0.02	0.12	14.90	14.8	27	1.42	25.2
3212	Soil	0.010	0.13	1.21	62.2	59	0.39	0.31	0.15	0.11	14.82	8.9	18	1.94	28.8
3213	Soil	0.046	1.05	0.29	173.4	18	0.12	0.13	0.08	0.12	9.54	2.3	4	1.18	8.8
3214	Soil	0.039	0.31	0.60	452.3	37	0.16	0.37	0.06	0.33	22.67	15.0	17	1.38	28.2
3215	Soil	0.037	0.25	1.35	203.0	24	0.28	0.62	0.48	0.21	17.31	11.8	20	3.48	37.2
3216	Soil	0.013	0.09	1.06	71.5	36	0.18	0.38	0.01	0.11	23.99	7.1	19	2.02	20.5
3217	Soil	0.047	0.06	1.26	140.1	33	0.23	0.46	0.03	0.12	27.88	13.0	20	1.83	30.0
3218	Soil	0.034	0.26	0.99	138.2	38	0.60	0.53	0.58	0.17	23.02	20.1	13	0.92	52.7
3219	Soil	0.019	0.10	2.04	80.4	25	0.25	0.38	0.03	0.14	24.33	16.5	32	1.13	37.5
3220	Soil	0.018	0.16	1.42	77.5	29	0.17	0.35	0.02	0.11	26.86	9.8	22	1.09	26.5
3221	Soil	0.018	0.21	1.03	122.0	33	0.14	0.32	0.02	0.23	21.29	9.7	30	0.99	19.5
3222	Soil	0.009	0.10	1.94	38.7	19	0.18	0.35	0.02	0.07	34.78	10.9	31	1.25	27.6
3223	Soil	0.010	0.10	1.50	38.5	19	0.54	0.53	0.05	0.06	46.97	22.8	21	1.71	54.8
3224	Soil	0.012	0.15	1.56	36.8	31	0.48	0.34	0.09	0.08	25.02	15.2	25	3.16	36.9
3225	Soil	0.012	0.08	1.07	38.2	31	0.52	0.41	0.04	0.03	55.28	19.7	15	1.24	50.9
3226	Soil	0.013	0.10	2.20	68.7	24	0.33	0.44	0.03	0.05	35.61	16.2	29	2.65	42.7
3227	Soil	0.010	0.08	1.58	46.9	48	0.37	0.40	0.02	0.12	19.16	16.1	25	1.99	29.5
3228	Soil	0.014	0.05	2.06	77.8	24	0.36	0.38	0.03	0.12	21.71	16.4	36	1.79	37.3
3229	Soil	0.010	0.07	1.46	36.8	29	0.22	0.33	0.01	0.06	24.20	7.2	26	2.23	19.1
3230	Soil	0.010	0.07	2.11	29.4	23	0.26	0.36	0.02	0.09	26.77	15.2	37	3.44	36.8
3231	Soil	0.009	0.06	1.83	16.9	19	0.17	0.30	0.02	0.06	15.28	8.2	29	2.37	20.8
3232	Soil	0.012	0.07	1.81	17.1	19	0.27	0.41	0.02	0.07	17.87	9.5	27	4.23	27.5
3233	Soil	0.008	0.08	1.06	7.5	17	0.16	0.20	0.07	0.06	12.71	8.0	16	1.50	18.3
3234	Soil	0.009	0.06	0.98	6.0	16	0.15	0.21	0.05	0.06	9.34	9.2	13	1.33	14.0
3235	Soil	0.012	0.07	1.81	12.4	19	0.20	0.40	0.04	0.09	11.99	9.9	32	2.05	19.4
3236	Soil	0.025	0.06	1.50	9.0	16	0.22	0.27	0.05	0.07	11.30	18.2	24	1.82	24.5
3237	Soil	0.029	0.05	2.08	16.3	15	0.23	0.36	0.04	0.04	21.24	16.3	33	3.04	35.8
3238	Soil	0.007	0.06	1.93	78.7	27	0.42	0.39	0.05	0.09	24.89	27.3	32	2.74	43.2
3239	Soil	<0.005	0.05	2.08	28.3	21	0.32	0.52	0.03	0.09	21.74	18.6	34	2.50	42.2
3240	Soil	<0.005	0.05	2.41	30.3	20	0.25	0.42	0.05	0.10	31.65	17.6	40	1.85	40.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3241	Soil	<0.005	0.04	1.83	23.9	30	0.29	0.41	0.02	0.11	24.50	10.9	31	2.36	24.7
3242	Soil	<0.005	0.07	1.31	16.2	24	0.18	0.29	0.02	0.05	18.30	7.2	24	1.65	17.7
3243	Soil	0.008	0.06	1.16	22.5	16	0.31	0.13	0.01	0.05	10.08	7.5	15	1.43	19.6
3244	Soil	<0.005	0.09	0.67	11.4	18	0.10	0.13	0.02	0.06	6.99	6.0	9	0.95	9.7
3245	Soil	0.005	0.10	1.60	20.2	28	0.18	0.33	0.02	0.09	15.14	14.3	26	2.35	22.7
3246	Soil	<0.005	0.12	1.44	10.9	49	0.19	0.41	0.03	0.18	14.97	23.0	36	3.67	14.9
3247	Soil	<0.005	0.06	1.70	12.8	19	0.19	0.38	0.02	0.10	14.59	6.3	30	2.71	13.5
3248	Soil	0.006	0.07	1.95	17.5	27	0.20	0.41	0.03	0.12	18.89	13.0	38	2.32	18.3
3249	Soil	0.010	0.06	2.44	47.5	19	0.41	0.44	0.02	0.10	21.15	30.3	43	3.24	53.8
3250	Soil	0.015	0.05	2.35	145.4	24	0.45	0.37	0.02	0.08	22.59	35.1	37	3.01	50.3
3251	Soil	0.005	0.15	2.32	150.6	18	0.23	0.27	<0.01	0.05	25.01	15.5	38	1.63	38.8
3252	Soil	<0.005	0.09	0.91	3.5	17	0.10	0.25	0.02	0.04	10.53	5.8	12	0.85	17.7
4001	Soil	0.005	0.06	1.95	15.1	26	0.40	0.53	0.08	0.09	26.90	26.8	34	2.38	47.5
4002	Soil	0.012	0.04	1.48	37.1	33	0.28	0.39	0.01	0.06	32.98	12.5	24	1.66	20.1
4003	Soil	0.007	0.04	1.76	13.2	41	0.20	0.32	0.13	0.06	12.13	11.7	28	2.71	21.0
4004	Soil	0.006	0.07	1.40	20.4	43	0.27	0.46	0.03	0.10	14.61	13.7	21	3.21	34.4
4005	Soil	<0.005	0.06	0.83	3.2	20	0.11	0.11	0.02	0.03	8.02	2.7	8	0.76	11.0
4006	Soil	0.020	0.06	1.71	17.9	23	0.20	0.37	0.01	0.06	22.04	10.4	29	1.93	22.7
4007	Soil	0.071	0.09	0.22	306.3	14	0.19	0.32	<0.01	0.06	11.26	12.4	9	1.20	27.0
4008	Soil	0.730	0.16	0.76	300.1	26	0.17	0.34	0.01	0.06	19.10	10.4	16	1.92	23.3
4009	Soil	0.426	0.18	1.20	679.6	28	0.30	0.33	<0.01	0.13	25.88	21.0	19	1.07	30.8
4010	Soil	0.017	0.18	0.48	38.5	22	0.07	0.17	0.01	0.04	10.95	2.4	7	0.93	10.2
4011	Soil	0.141	0.13	0.71	87.3	33	0.17	0.34	0.01	0.13	20.92	6.5	16	1.90	21.4
4012	Soil	0.019	0.18	1.07	47.0	25	0.18	0.44	<0.01	0.04	19.02	7.8	18	1.30	32.8
4013	Soil	2.008	0.69	0.37	1292.3	43	0.49	0.49	0.06	0.15	32.85	15.0	5	1.34	43.2
4014	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4015	Soil	0.031	0.29	0.38	131.0	23	0.14	0.32	0.01	0.12	24.94	5.8	12	1.39	17.4
4016	Soil	0.008	0.11	1.07	18.3	11	0.16	0.49	<0.01	0.04	10.40	3.5	21	0.50	32.4
4017	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4018	Soil	0.011	0.17	0.67	41.9	26	0.13	0.50	0.02	0.12	13.62	3.8	14	1.38	18.3
4019	Soil	0.011	0.25	1.04	30.0	34	0.39	0.48	0.05	0.10	8.64	6.4	18	1.42	50.5
4020	Soil	0.201	0.42	0.33	268.8	18	0.10	0.39	<0.01	0.03	27.02	3.3	5	1.26	19.4
4021	Soil	0.024	0.41	1.13	128.5	53	0.45	0.42	<0.01	0.06	17.61	7.7	16	0.86	46.3
4022	Soil	0.014	0.23	0.89	158.8	69	0.38	0.36	0.03	0.28	17.95	7.7	12	0.97	14.8
4023	Soil	0.013	0.21	0.42	334.0	16	0.16	0.20	<0.01	0.11	23.72	5.7	5	0.84	11.5
4024	Soil	0.010	0.16	0.36	235.7	22	0.12	0.19	0.01	0.11	21.02	4.7	5	0.64	9.5
4025	Soil	0.011	0.21	0.40	104.5	28	0.17	0.21	0.15	0.46	18.22	4.9	10	0.49	10.9
4026	Soil	0.028	0.11	0.27	13.2	23	0.14	0.11	0.03	0.11	10.90	2.9	6	0.45	6.0
4027	Soil	0.024	0.10	0.42	42.2	23	0.24	0.38	0.02	0.02	17.42	7.5	5	0.86	27.6
4028	Soil	0.017	0.09	0.49	44.3	23	0.19	0.33	0.06	0.04	15.25	6.7	7	0.63	19.6

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4029	Soil	0.007	0.04	0.72	62.5	23	0.15	0.27	0.04	0.05	22.75	6.6	11	0.45	16.1
4030	Soil	0.017	0.09	0.99	58.0	36	0.26	0.27	0.05	0.08	18.16	8.5	14	0.55	17.7
4031	Soil	0.017	0.06	0.98	50.9	37	0.19	0.21	0.04	0.07	15.88	7.1	14	0.62	14.0
4032	Soil	0.018	0.11	1.21	69.8	62	0.41	0.28	0.14	0.06	19.81	14.2	17	0.78	23.6
4033	Soil	0.007	0.04	0.22	10.2	22	0.07	0.09	0.04	0.26	6.52	1.3	12	0.42	4.8
4034	Soil	0.008	0.32	0.44	86.6	20	0.10	0.15	0.01	0.08	13.92	2.3	4	0.63	10.1
4035	Soil	0.020	0.24	1.43	507.4	33	0.34	0.38	<0.01	0.36	29.28	9.3	21	0.82	15.9
4036	Soil	0.060	0.54	0.94	496.8	50	0.33	0.37	0.14	0.18	16.10	5.8	10	1.48	19.4
7001	Soil	0.005	0.08	0.67	54.2	7	0.78	0.16	0.02	0.24	11.52	26.0	24	0.85	19.6
7002	Soil	0.016	0.10	1.42	37.7	14	0.35	0.32	0.06	0.11	22.52	13.2	25	1.23	22.0
7003	Soil	0.010	0.47	1.26	57.6	32	0.32	0.43	0.01	0.15	26.01	9.5	19	1.47	22.0
7004	Soil	0.018	0.38	0.82	91.9	19	0.20	0.38	0.02	0.08	28.93	7.9	13	1.42	14.3
7005	Soil	0.011	0.27	0.74	34.8	34	0.18	0.17	0.02	0.12	14.97	4.4	8	1.56	8.3
7006	Soil	0.062	0.34	0.98	167.5	30	0.37	0.36	0.03	0.25	23.06	14.5	13	1.87	19.8
7007	Soil	0.047	0.46	0.95	114.9	26	0.25	0.20	0.03	0.11	14.46	7.8	14	0.98	16.9
7008	Soil	0.043	0.13	1.36	113.5	32	0.41	0.30	0.01	0.10	24.91	11.7	22	1.27	24.5
7009	Soil	0.026	0.08	1.54	95.1	49	0.42	0.37	0.02	0.17	20.76	12.6	25	0.85	31.4
7010	Soil	0.017	0.03	1.66	48.3	43	0.44	0.34	0.07	0.09	28.51	16.1	24	0.49	30.9
7011	Soil	0.023	0.06	1.74	31.2	34	0.44	0.37	0.27	0.10	24.16	13.7	28	0.56	34.5
7012	Soil	0.016	0.07	1.75	34.3	41	0.45	0.35	0.32	0.12	27.86	14.4	29	0.64	35.8
7013	Soil	0.008	0.15	1.68	29.3	67	0.45	0.32	1.06	0.17	13.35	11.0	20	0.76	38.6
7014	Soil	0.023	0.11	1.63	45.6	36	0.43	0.41	0.31	0.11	26.76	16.0	26	0.64	38.4
7015	Soil	0.031	0.11	1.91	45.9	47	0.48	0.37	0.47	0.13	32.16	14.3	28	0.82	44.6
7016	Soil	0.031	0.09	1.71	54.1	46	0.46	0.35	0.29	0.10	36.99	15.4	29	0.72	31.7
7017	Soil	0.020	0.12	1.86	42.1	48	0.47	0.37	0.32	0.08	34.92	13.1	26	0.71	38.9
7018	Soil	0.007	0.05	1.94	42.9	38	0.37	0.37	0.01	0.07	50.63	10.8	30	0.82	25.8
7019	Soil	0.008	0.15	1.62	27.9	52	0.44	0.32	0.53	0.11	23.77	10.8	21	0.59	32.5
7020	Soil	0.012	0.09	1.73	34.0	34	0.41	0.36	0.30	0.11	35.77	13.9	27	0.51	34.4
7021	Soil	0.008	0.08	1.06	16.6	37	0.21	0.20	0.25	0.10	16.12	5.9	16	0.43	17.2
7022	Soil	0.009	0.17	1.65	36.4	77	0.49	0.41	0.64	0.19	17.27	10.0	20	0.68	36.2
7023	Soil	0.006	0.09	1.58	27.8	60	0.30	0.27	0.19	0.07	22.53	7.7	22	0.63	18.3
7024	Soil	0.007	0.04	1.73	33.9	45	0.30	0.34	0.08	0.10	39.20	9.0	24	0.52	18.1
7025	Soil	0.011	0.09	1.81	54.4	57	0.44	0.36	0.22	0.08	37.83	11.8	26	0.82	20.1
7026	Soil	0.011	0.18	1.80	58.0	67	0.47	0.37	0.45	0.11	29.21	12.2	24	0.89	31.6
7027	Soil	0.012	0.15	1.78	39.8	59	0.47	0.37	0.28	0.06	33.78	10.9	23	0.75	31.2

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Vol 6-201

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3201	Soil	3.61	5.32	<0.05	0.19	0.02	0.02	7.3	34.3	0.49	1295	0.58	<0.01	0.52	25.3
3202	Soil	2.21	3.61	<0.05	0.05	0.01	0.02	6.0	14.1	0.25	529	0.41	0.01	0.24	12.8
3203	Soil	4.04	6.30	<0.05	0.07	0.02	0.03	9.6	27.1	0.46	1242	0.73	<0.01	0.39	23.0
3204	Soil	2.41	4.52	<0.05	0.09	0.01	0.02	6.4	11.9	0.19	620	1.00	0.01	0.33	12.8
3205	Soil	3.44	5.18	<0.05	0.04	0.03	0.03	8.2	13.6	0.22	598	0.75	<0.01	0.26	19.1
3206	Soil	3.86	5.69	<0.05	0.02	0.34	0.03	11.1	13.3	0.22	479	1.42	<0.01	0.30	20.9
3207	Soil	2.27	2.44	<0.05	<0.02	0.12	0.04	11.0	7.9	0.12	281	0.82	<0.01	0.14	18.7
3208	Soil	2.24	1.57	<0.05	<0.02	0.16	0.04	13.9	2.1	0.03	397	1.10	<0.01	0.06	30.1
3209	Soil	2.43	2.15	<0.05	0.04	0.80	0.04	12.7	0.8	<0.01	87	0.80	<0.01	<0.05	16.3
3210	Soil	1.00	2.21	<0.05	0.02	0.15	0.02	7.3	1.2	0.02	117	0.77	<0.01	0.07	9.0
3211	Soil	3.60	5.84	<0.05	0.16	0.02	0.02	7.6	27.4	0.51	1586	1.76	<0.01	0.17	26.4
3212	Soil	2.32	4.56	<0.05	0.06	0.01	0.03	8.1	18.1	0.34	828	0.96	0.01	0.16	17.5
3213	Soil	0.79	1.94	<0.05	0.02	0.02	0.02	5.4	3.3	0.06	79	0.32	0.02	0.06	5.7
3214	Soil	3.30	3.20	<0.05	<0.02	0.03	0.03	12.4	6.1	0.12	1359	1.42	<0.01	0.07	30.6
3215	Soil	3.93	4.75	<0.05	0.04	0.02	0.02	9.4	27.1	0.51	612	0.71	0.01	0.23	28.9
3216	Soil	2.80	4.31	<0.05	0.03	0.02	0.03	13.0	11.8	0.21	617	1.00	0.01	0.18	15.7
3217	Soil	3.75	5.55	<0.05	0.03	0.02	0.03	14.5	19.2	0.35	801	0.68	<0.01	0.28	24.3
3218	Soil	3.88	2.52	<0.05	0.06	0.03	0.01	12.2	20.4	0.37	1243	0.56	<0.01	0.06	47.5
3219	Soil	4.48	7.05	0.05	0.06	0.02	0.02	12.4	46.4	0.80	578	0.74	<0.01	0.48	40.2
3220	Soil	3.88	7.08	<0.05	0.03	0.02	0.02	14.1	23.3	0.44	535	0.71	<0.01	0.26	23.8
3221	Soil	3.15	6.58	<0.05	<0.02	0.02	0.03	10.7	14.6	0.26	1147	2.07	<0.01	0.24	23.5
3222	Soil	4.28	7.84	<0.05	0.09	0.02	0.02	18.2	44.6	0.74	594	0.55	<0.01	0.31	32.1
3223	Soil	4.26	4.70	0.05	0.03	0.02	0.02	24.9	41.8	0.75	940	0.89	<0.01	<0.05	45.7
3224	Soil	3.19	4.96	<0.05	0.07	0.02	0.03	14.9	42.1	0.69	875	1.07	<0.01	0.06	35.7
3225	Soil	3.77	3.32	0.06	<0.02	0.02	0.02	28.0	31.5	0.54	1055	0.83	<0.01	<0.05	36.6
3226	Soil	4.13	7.15	<0.05	0.06	0.02	0.02	18.0	58.8	0.99	974	0.75	<0.01	0.19	39.9
3227	Soil	3.40	6.61	<0.05	0.10	0.02	0.02	9.5	30.9	0.48	2212	0.71	<0.01	0.32	21.2
3228	Soil	4.30	7.93	<0.05	0.14	0.02	0.02	11.0	53.3	0.80	1075	0.81	<0.01	0.28	35.8
3229	Soil	3.51	7.63	<0.05	0.06	0.01	0.02	12.4	27.9	0.43	561	0.84	<0.01	0.39	19.3
3230	Soil	4.22	8.59	<0.05	0.10	0.02	0.02	13.7	57.7	0.84	768	0.53	<0.01	0.31	37.3
3231	Soil	3.60	7.30	<0.05	0.07	0.01	0.02	7.2	44.1	0.67	567	0.51	<0.01	0.35	27.9
3232	Soil	3.43	6.79	<0.05	0.16	0.02	0.02	8.0	38.1	0.57	464	0.49	0.01	0.32	22.9
3233	Soil	1.76	4.09	<0.05	0.09	0.01	0.02	5.6	23.8	0.35	312	0.40	0.01	0.29	15.4
3234	Soil	1.68	3.79	<0.05	0.07	0.01	0.02	3.9	22.2	0.35	426	0.35	0.02	0.18	13.5
3235	Soil	3.51	7.11	<0.05	0.73	0.02	0.03	5.3	46.4	0.69	492	0.88	<0.01	0.33	30.5
3236	Soil	2.64	5.41	<0.05	0.23	0.02	0.03	4.9	36.7	0.56	671	0.65	0.01	0.27	23.7
3237	Soil	4.04	7.87	<0.05	0.17	0.02	0.02	10.2	58.8	0.87	598	0.51	<0.01	0.20	36.0
3238	Soil	3.95	7.59	<0.05	0.08	0.02	0.02	11.5	48.6	0.73	695	0.71	<0.01	0.30	37.0
3239	Soil	4.29	8.40	<0.05	0.08	0.02	0.03	10.2	51.3	0.77	570	0.84	<0.01	0.54	35.6
3240	Soil	4.72	8.86	0.05	0.14	0.02	0.02	16.2	67.2	0.98	615	0.72	<0.01	0.38	43.5

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3241	Soil	3.82	8.09	<0.05	0.04	0.02	0.04	11.7	34.6	0.57	559	1.07	<0.01	0.58	25.6
3242	Soil	2.96	6.31	<0.05	0.06	0.01	0.02	9.3	25.3	0.40	482	0.64	<0.01	0.36	17.4
3243	Soil	2.01	4.33	<0.05	0.07	0.01	0.01	4.2	26.0	0.38	201	0.33	0.01	0.20	18.2
3244	Soil	1.50	3.49	<0.05	0.04	<0.01	0.02	3.5	9.1	0.15	519	0.33	0.01	0.12	6.9
3245	Soil	3.63	6.75	<0.05	0.05	0.02	0.03	7.4	27.9	0.48	1102	0.63	<0.01	0.36	21.7
3246	Soil	4.14	9.10	<0.05	0.08	0.02	0.03	7.3	22.4	0.37	2141	1.34	<0.01	0.44	20.8
3247	Soil	3.94	7.86	<0.05	0.08	0.02	0.02	6.9	26.3	0.43	390	0.64	<0.01	0.50	19.2
3248	Soil	4.59	8.86	<0.05	0.05	0.02	0.02	9.0	44.6	0.69	703	0.72	<0.01	0.55	29.5
3249	Soil	5.19	8.65	0.06	0.16	0.03	0.02	9.6	63.4	0.97	918	0.57	<0.01	0.22	48.1
3250	Soil	5.08	8.18	0.06	0.11	0.03	0.02	10.6	60.7	0.88	1074	0.63	<0.01	0.15	47.5
3251	Soil	4.88	8.07	0.06	0.13	0.02	0.01	12.5	61.1	0.90	746	0.37	<0.01	<0.05	44.2
3252	Soil	1.91	4.12	<0.05	0.06	<0.01	0.02	5.7	22.3	0.38	513	0.27	0.01	0.15	11.8
4001	Soil	4.71	6.89	0.07	0.04	0.03	0.02	12.4	55.0	0.77	779	0.85	<0.01	<0.05	53.4
4002	Soil	3.86	6.54	0.05	0.05	0.02	0.03	17.4	33.5	0.49	359	0.53	<0.01	0.38	26.7
4003	Soil	3.39	6.66	<0.05	0.07	0.02	0.04	6.1	35.5	0.58	684	0.76	<0.01	0.34	26.3
4004	Soil	2.74	5.10	<0.05	0.09	0.02	0.03	7.1	27.2	0.40	455	0.64	0.01	0.23	20.5
4005	Soil	1.19	3.38	<0.05	0.06	<0.01	0.02	4.0	8.3	0.13	98	0.32	0.01	0.24	5.9
4006	Soil	3.45	6.56	0.05	0.10	0.02	0.02	12.2	41.2	0.59	408	0.67	<0.01	0.24	28.4
4007	Soil	2.55	1.40	<0.05	<0.02	0.01	0.02	6.3	1.4	0.02	224	0.38	<0.01	<0.05	25.5
4008	Soil	3.19	3.62	<0.05	<0.02	0.02	0.02	10.6	9.8	0.16	300	0.87	<0.01	0.23	21.8
4009	Soil	3.76	3.55	0.06	0.03	0.02	0.03	14.0	26.3	0.35	774	0.50	<0.01	0.12	38.5
4010	Soil	1.27	3.21	<0.05	<0.02	<0.01	0.02	6.2	3.6	0.05	92	0.32	0.01	0.10	4.7
4011	Soil	2.55	4.91	<0.05	0.03	0.01	0.03	11.4	6.4	0.09	479	1.05	<0.01	0.21	11.8
4012	Soil	3.09	4.80	<0.05	0.03	0.02	0.02	11.0	20.3	0.28	214	0.68	<0.01	0.26	18.6
4013	Soil	4.19	1.36	0.07	<0.02	0.04	0.04	18.8	4.1	0.03	1419	0.65	<0.01	<0.05	27.6
4014	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4015	Soil	2.35	4.35	<0.05	<0.02	0.01	0.02	13.9	2.4	0.04	105	1.18	<0.01	0.21	13.3
4016	Soil	3.85	4.18	0.06	0.05	0.02	0.01	6.5	30.5	0.43	122	0.85	<0.01	0.07	14.4
4017	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4018	Soil	3.09	5.13	<0.05	0.67	0.01	0.03	8.0	10.7	0.15	135	0.85	<0.01	0.45	9.6
4019	Soil	3.44	4.24	<0.05	0.15	0.02	0.02	5.3	23.2	0.29	276	1.31	<0.01	0.17	18.6
4020	Soil	2.23	2.65	<0.05	0.07	0.05	0.02	15.4	0.8	0.01	48	0.70	<0.01	0.21	6.5
4021	Soil	4.03	4.87	<0.05	0.09	0.03	0.04	9.7	15.3	0.15	187	1.05	<0.01	0.58	18.3
4022	Soil	2.62	4.68	<0.05	0.05	0.02	0.04	10.0	12.1	0.08	880	0.90	<0.01	0.59	11.2
4023	Soil	2.13	1.62	<0.05	0.03	0.01	0.01	11.6	3.5	0.04	166	0.40	<0.01	0.15	12.5
4024	Soil	1.79	2.00	<0.05	0.03	0.01	0.01	10.1	2.1	0.03	144	0.48	<0.01	0.14	10.4
4025	Soil	1.72	2.68	<0.05	0.04	0.01	0.03	9.5	4.0	0.04	106	1.02	<0.01	0.37	12.0
4026	Soil	1.33	1.29	<0.05	0.03	<0.01	0.01	5.3	1.1	0.02	88	0.65	<0.01	0.10	9.2
4027	Soil	2.64	1.17	<0.05	0.03	0.02	0.01	9.8	4.6	0.04	163	0.53	<0.01	<0.05	16.1
4028	Soil	2.24	1.64	<0.05	0.08	0.01	0.02	8.6	8.2	0.11	137	0.45	<0.01	0.05	14.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4029	Soil	2.64	3.01	<0.05	0.03	0.01	0.02	12.2	14.4	0.22	171	0.45	<0.01	0.15	17.8
4030	Soil	2.58	3.40	<0.05	0.05	0.01	0.03	9.7	24.6	0.32	223	0.41	<0.01	0.24	20.9
4031	Soil	2.35	3.42	<0.05	0.05	0.01	0.04	8.6	23.0	0.33	204	0.34	<0.01	0.23	19.4
4032	Soil	2.87	3.87	<0.05	0.06	0.01	0.03	10.3	36.1	0.41	508	0.45	<0.01	0.21	26.2
4033	Soil	0.44	1.93	<0.05	<0.02	<0.01	0.02	3.4	1.2	0.02	48	1.32	0.01	0.20	8.2
4034	Soil	1.19	2.72	<0.05	0.06	<0.01	0.02	7.3	2.3	0.02	43	0.35	<0.01	0.43	4.4
4035	Soil	3.45	4.73	<0.05	0.05	0.03	0.02	14.6	37.1	0.45	268	0.33	<0.01	0.23	24.0
4036	Soil	2.40	3.47	<0.05	0.04	0.04	0.04	8.5	15.6	0.17	142	0.43	0.01	0.31	15.3
7001	Soil	4.25	1.78	<0.05	0.03	0.01	0.01	5.4	6.6	0.08	599	1.33	<0.01	<0.05	53.1
7002	Soil	3.73	4.44	<0.05	0.03	0.02	0.03	12.1	36.7	0.48	378	0.87	<0.01	0.22	33.1
7003	Soil	3.39	5.48	<0.05	0.05	0.02	0.03	14.5	27.3	0.34	310	0.71	<0.01	0.25	20.4
7004	Soil	2.93	5.58	0.05	<0.02	0.01	0.02	15.3	12.5	0.17	191	0.79	<0.01	0.49	15.5
7005	Soil	1.65	3.93	<0.05	<0.02	<0.01	0.02	7.7	8.9	0.10	183	0.43	0.01	0.44	7.4
7006	Soil	3.51	4.85	<0.05	0.02	0.02	0.03	12.2	13.0	0.13	530	0.82	<0.01	0.60	25.9
7007	Soil	2.37	3.08	<0.05	0.06	0.01	0.03	7.6	14.1	0.17	192	0.75	<0.01	0.32	18.1
7008	Soil	3.49	4.73	0.06	0.05	0.02	0.03	13.4	36.3	0.44	267	0.67	<0.01	0.26	29.0
7009	Soil	3.84	5.28	0.05	0.08	0.02	0.04	11.2	39.3	0.50	273	0.83	<0.01	0.24	34.5
7010	Soil	3.64	5.09	0.06	0.06	0.02	0.03	15.0	47.8	0.63	423	0.52	<0.01	0.13	38.0
7011	Soil	3.71	5.09	0.06	0.15	0.02	0.05	13.0	49.1	0.68	415	0.72	<0.01	0.05	36.4
7012	Soil	3.67	5.35	0.05	0.12	0.02	0.05	14.8	51.4	0.68	397	0.73	<0.01	0.14	37.9
7013	Soil	2.93	4.73	<0.05	0.20	0.02	0.07	7.0	35.9	0.47	311	0.66	0.01	0.29	28.3
7014	Soil	3.69	5.05	<0.05	0.13	0.02	0.05	14.0	50.4	0.65	526	0.64	<0.01	<0.05	39.0
7015	Soil	3.90	5.49	<0.05	0.82	0.02	0.07	17.3	49.5	0.70	444	0.62	<0.01	0.14	38.9
7016	Soil	3.68	5.73	<0.05	0.25	0.02	0.05	19.7	49.5	0.64	475	0.64	<0.01	0.12	35.6
7017	Soil	3.84	5.30	<0.05	0.21	0.02	0.06	19.0	49.3	0.68	417	0.52	<0.01	0.09	36.9
7018	Soil	4.32	6.55	0.08	0.09	0.02	0.05	25.8	49.5	0.67	330	0.47	<0.01	0.22	33.5
7019	Soil	2.97	4.61	<0.05	0.20	0.02	0.04	12.4	39.6	0.60	397	0.65	0.01	0.42	30.1
7020	Soil	3.63	5.02	<0.05	0.11	0.02	0.03	18.0	52.9	0.74	469	0.54	<0.01	0.23	36.6
7021	Soil	2.08	3.49	<0.05	0.12	0.01	0.04	8.4	26.2	0.40	165	0.40	0.01	0.26	18.4
7022	Soil	3.03	4.61	<0.05	0.20	0.02	0.05	8.8	37.3	0.58	463	0.59	0.01	0.39	27.8
7023	Soil	2.89	4.99	<0.05	0.06	0.02	0.04	11.6	42.0	0.58	228	0.46	<0.01	0.32	25.2
7024	Soil	3.42	5.34	<0.05	0.05	0.01	0.05	20.2	45.0	0.64	317	0.64	<0.01	0.29	30.1
7025	Soil	3.55	5.23	0.05	0.06	0.02	0.04	19.6	55.5	0.67	463	0.42	<0.01	0.27	31.7
7026	Soil	3.30	5.07	<0.05	0.13	0.02	0.06	15.4	48.0	0.63	453	0.47	0.01	0.36	31.3
7027	Soil	3.34	4.87	<0.05	0.08	0.02	0.06	17.9	46.9	0.64	408	0.50	<0.01	0.30	32.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3201	Soil	780	35.5	2.9	<0.01	0.04	3.23	1.5	0.5	0.2	3.7	0.02	0.09	2.4	0.006
3202	Soil	648	17.3	3.0	<0.01	0.04	0.74	0.3	<0.2	0.2	3.5	<0.01	0.06	0.4	<0.005
3203	Soil	1371	25.3	5.4	<0.01	0.06	1.14	0.6	0.3	0.3	6.1	0.01	0.08	1.7	0.005
3204	Soil	958	18.1	4.1	<0.01	0.06	0.71	0.4	0.4	0.2	4.3	0.01	0.06	0.7	<0.005
3205	Soil	1081	41.5	4.6	<0.01	0.04	1.20	0.4	<0.2	0.2	11.6	<0.01	0.07	1.0	<0.005
3206	Soil	785	1651.0	4.9	<0.01	0.05	7.52	0.5	0.2	0.7	26.4	<0.01	0.09	1.0	<0.005
3207	Soil	346	407.7	4.8	<0.01	0.06	3.82	0.9	<0.2	0.4	66.5	0.01	0.11	4.9	<0.005
3208	Soil	296	414.1	4.1	<0.01	0.04	3.14	1.4	<0.2	0.3	76.5	<0.01	0.11	7.4	<0.005
3209	Soil	305	2833.4	3.2	<0.01	0.09	9.17	2.0	0.4	0.9	123.5	<0.01	0.11	22.4	<0.005
3210	Soil	349	189.0	3.0	<0.01	0.03	1.48	0.4	<0.2	0.3	19.8	<0.01	0.05	2.1	<0.005
3211	Soil	1351	34.6	4.2	<0.01	0.04	0.91	0.9	<0.2	<0.2	5.5	<0.01	0.08	3.3	<0.005
3212	Soil	1155	21.1	3.8	<0.01	0.06	0.79	0.3	<0.2	0.2	12.9	<0.01	0.06	0.6	<0.005
3213	Soil	480	65.1	2.3	<0.01	0.02	1.18	0.2	<0.2	0.3	9.1	<0.01	0.04	0.2	<0.005
3214	Soil	875	97.0	4.4	<0.01	0.02	2.54	0.4	<0.2	0.3	6.3	<0.01	0.05	1.0	<0.005
3215	Soil	800	34.6	4.2	<0.01	0.04	2.27	0.9	0.4	0.2	24.0	<0.01	0.11	1.5	<0.005
3216	Soil	892	19.0	4.5	<0.01	0.03	1.20	0.3	0.3	0.3	6.5	<0.01	0.05	0.5	<0.005
3217	Soil	917	27.8	4.7	<0.01	0.04	1.80	0.6	0.3	0.3	6.4	<0.01	0.07	0.9	<0.005
3218	Soil	468	35.9	1.8	<0.01	0.02	5.50	3.9	0.4	<0.2	15.4	<0.01	0.10	7.5	<0.005
3219	Soil	502	27.6	3.4	<0.01	0.02	1.21	1.4	0.3	0.2	4.6	<0.01	0.06	3.1	0.011
3220	Soil	1019	29.6	4.4	<0.01	0.03	1.14	0.4	0.2	0.4	4.5	<0.01	0.06	0.8	0.005
3221	Soil	1222	31.0	4.9	<0.01	0.05	0.98	0.3	0.5	0.4	4.8	<0.01	0.07	0.5	0.005
3222	Soil	1038	20.8	3.5	<0.01	0.03	0.81	1.1	<0.2	0.2	4.0	<0.01	0.07	3.0	0.006
3223	Soil	443	37.3	1.7	<0.01	<0.01	1.64	2.3	<0.2	<0.2	18.8	<0.01	0.14	5.7	<0.005
3224	Soil	715	22.1	3.4	<0.01	0.03	0.92	1.2	0.4	<0.2	34.5	<0.01	0.10	1.5	<0.005
3225	Soil	489	24.7	1.8	<0.01	<0.01	1.25	2.2	<0.2	<0.2	33.7	<0.01	0.11	4.4	<0.005
3226	Soil	661	33.8	3.2	<0.01	0.02	1.30	1.7	<0.2	<0.2	9.2	<0.01	0.07	3.6	<0.005
3227	Soil	1133	27.4	3.9	<0.01	0.05	1.12	0.8	0.5	0.3	5.0	0.02	0.09	1.5	0.006
3228	Soil	839	35.8	3.0	<0.01	0.04	1.74	1.5	<0.2	<0.2	4.8	<0.01	0.09	3.5	0.006
3229	Soil	871	17.5	5.2	<0.01	0.05	0.80	0.6	0.2	0.3	3.6	0.01	0.06	1.1	0.006
3230	Soil	642	20.0	3.1	<0.01	0.03	1.04	1.5	<0.2	0.2	4.3	<0.01	0.06	3.3	0.006
3231	Soil	815	20.2	3.4	<0.01	0.05	0.75	0.9	<0.2	<0.2	3.6	<0.01	0.07	1.7	0.007
3232	Soil	876	26.7	3.6	<0.01	0.04	0.50	1.0	0.3	<0.2	4.4	<0.01	0.07	2.5	0.006
3233	Soil	572	15.3	1.4	<0.01	0.02	0.31	0.6	<0.2	<0.2	4.5	<0.01	0.03	0.9	0.008
3234	Soil	544	18.0	2.2	<0.01	0.03	0.25	0.5	<0.2	<0.2	4.3	<0.01	0.03	0.6	0.007
3235	Soil	950	21.1	3.4	<0.01	0.05	0.43	1.2	<0.2	<0.2	4.6	0.01	0.06	2.5	0.005
3236	Soil	772	31.3	2.3	<0.01	0.04	0.40	1.0	0.3	<0.2	4.4	<0.01	0.05	1.7	0.005
3237	Soil	636	28.2	3.6	<0.01	0.02	0.94	1.9	<0.2	<0.2	4.7	<0.01	0.05	4.0	0.005
3238	Soil	656	33.6	3.7	<0.01	0.03	2.06	1.3	0.2	0.3	6.1	<0.01	0.07	1.9	0.008
3239	Soil	771	30.8	4.3	<0.01	0.04	1.02	1.4	0.5	0.3	4.6	<0.01	0.09	2.1	0.009
3240	Soil	667	37.3	3.7	<0.01	0.02	1.16	2.2	0.2	0.2	4.9	<0.01	0.07	5.8	0.007

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#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3241	Soil	724	21.2	6.9	<0.01	0.04	0.89	0.6	0.5	0.6	5.6	<0.01	0.07	0.6	0.010
3242	Soil	948	19.1	3.8	<0.01	0.06	0.67	0.5	0.3	0.3	3.8	<0.01	0.06	0.7	0.006
3243	Soil	376	9.5	1.6	<0.01	0.02	1.30	0.8	0.2	<0.2	2.9	<0.01	0.04	0.7	<0.005
3244	Soil	522	11.4	2.1	<0.01	0.05	0.36	0.2	<0.2	<0.2	3.2	<0.01	0.03	<0.2	0.005
3245	Soil	964	26.2	3.6	<0.01	0.06	0.81	0.5	0.4	0.2	3.7	<0.01	0.06	0.8	0.006
3246	Soil	1509	30.4	5.3	<0.01	0.08	0.59	0.4	0.6	0.3	5.6	0.01	0.08	0.7	0.006
3247	Soil	917	12.0	3.7	<0.01	0.06	0.48	0.5	0.4	0.3	3.8	0.01	0.06	1.0	0.007
3248	Soil	774	21.1	4.9	<0.01	0.04	0.66	0.8	0.2	0.3	6.5	0.01	0.08	1.3	0.007
3249	Soil	646	35.2	2.6	<0.01	0.02	1.18	2.1	<0.2	<0.2	4.4	<0.01	0.08	5.3	<0.005
3250	Soil	667	32.4	3.0	<0.01	0.02	1.39	2.2	0.3	<0.2	4.7	<0.01	0.10	5.6	<0.005
3251	Soil	641	25.5	2.2	<0.01	0.02	1.69	2.0	0.2	<0.2	3.5	<0.01	0.08	4.6	<0.005
3252	Soil	789	10.3	1.9	<0.01	0.05	0.22	0.3	<0.2	<0.2	2.4	<0.01	0.06	0.5	<0.005
4001	Soil	279	23.6	2.3	<0.01	0.01	1.12	3.4	0.3	0.2	11.5	<0.01	0.13	12.6	<0.005
4002	Soil	261	17.5	4.7	<0.01	0.01	0.82	1.5	<0.2	0.2	4.0	<0.01	0.09	8.8	<0.005
4003	Soil	1059	14.4	5.0	<0.01	0.05	0.41	1.0	<0.2	0.3	7.7	<0.01	0.08	2.1	<0.005
4004	Soil	747	29.1	4.0	<0.01	0.04	0.49	0.9	0.3	<0.2	4.6	<0.01	0.12	2.3	<0.005
4005	Soil	653	4.9	1.8	<0.01	0.05	0.12	0.2	0.3	<0.2	3.4	<0.01	0.04	0.3	<0.005
4006	Soil	793	14.7	3.7	<0.01	0.03	0.49	1.0	0.3	0.2	2.7	<0.01	0.09	4.5	<0.005
4007	Soil	291	22.0	2.5	<0.01	0.01	1.32	0.6	<0.2	<0.2	8.8	<0.01	0.09	2.5	<0.005
4008	Soil	551	22.8	4.7	<0.01	0.02	1.36	0.4	0.2	0.3	6.3	<0.01	0.08	0.8	<0.005
4009	Soil	293	30.9	3.8	<0.01	0.02	1.60	1.3	0.3	<0.2	5.8	<0.01	0.09	6.0	<0.005
4010	Soil	659	11.5	2.8	<0.01	0.03	0.31	0.1	<0.2	<0.2	3.8	<0.01	0.04	0.3	<0.005
4011	Soil	889	23.9	6.1	<0.01	0.04	0.69	0.2	0.3	0.4	4.3	<0.01	0.09	0.5	<0.005
4012	Soil	609	22.9	4.3	<0.01	0.02	1.46	0.6	<0.2	0.2	5.5	<0.01	0.11	2.5	<0.005
4013	Soil	254	202.8	4.0	<0.01	0.05	4.57	1.9	<0.2	0.2	18.7	<0.01	0.12	4.6	<0.005
4014	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4015	Soil	447	19.8	5.0	<0.01	0.01	1.46	0.3	0.2	0.3	4.2	<0.01	0.09	0.4	<0.005
4016	Soil	353	19.1	2.1	<0.01	0.02	1.16	0.8	<0.2	<0.2	3.4	<0.01	0.17	6.4	<0.005
4017	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4018	Soil	498	19.7	3.6	<0.01	0.03	0.87	0.4	0.2	0.3	5.0	<0.01	0.11	0.9	0.005
4019	Soil	533	18.1	4.1	<0.01	0.03	1.33	0.7	<0.2	<0.2	10.2	<0.01	0.13	4.1	<0.005
4020	Soil	255	192.5	3.4	<0.01	0.02	3.41	0.5	<0.2	0.4	7.2	<0.01	0.10	3.9	<0.005
4021	Soil	580	41.0	5.8	<0.01	0.05	2.08	1.5	<0.2	0.3	29.5	<0.01	0.13	8.2	<0.005
4022	Soil	613	28.1	7.2	<0.01	0.02	0.85	0.6	<0.2	0.4	7.1	<0.01	0.07	2.5	<0.005
4023	Soil	157	30.5	2.9	<0.01	<0.01	0.50	0.6	<0.2	<0.2	2.0	<0.01	0.04	7.0	<0.005
4024	Soil	235	24.3	2.6	<0.01	<0.01	0.45	0.4	<0.2	<0.2	2.8	<0.01	0.04	2.2	<0.005
4025	Soil	470	14.5	3.6	<0.01	0.02	0.54	0.4	<0.2	0.3	11.2	<0.01	0.04	1.1	0.007
4026	Soil	222	10.8	2.1	<0.01	<0.01	0.20	0.3	<0.2	<0.2	4.6	<0.01	0.04	1.4	<0.005
4027	Soil	186	14.6	3.1	<0.01	<0.01	2.27	1.0	<0.2	<0.2	3.1	<0.01	0.13	4.0	<0.005
4028	Soil	226	11.2	2.8	<0.01	0.01	1.41	0.8	<0.2	<0.2	5.4	<0.01	0.11	3.7	<0.005

NS = No Sample

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11-360-06069-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4029	Soil	260	12.1	2.7	<0.01	0.01	1.03	0.7	<0.2	<0.2	4.9	<0.01	0.08	4.2	<0.005
4030	Soil	302	15.8	3.0	<0.01	0.01	0.73	1.0	<0.2	<0.2	7.0	<0.01	0.07	4.8	<0.005
4031	Soil	437	13.6	4.4	<0.01	0.01	0.61	0.9	<0.2	<0.2	5.6	<0.01	0.07	3.2	<0.005
4032	Soil	361	20.3	4.9	<0.01	0.01	0.51	1.3	0.2	<0.2	10.1	<0.01	0.06	5.2	<0.005
4033	Soil	139	7.9	1.5	<0.01	<0.01	0.09	0.2	<0.2	0.2	4.4	<0.01	0.01	0.5	0.006
4034	Soil	141	43.4	2.1	<0.01	<0.01	0.31	0.4	<0.2	0.2	2.7	<0.01	0.03	3.1	<0.005
4035	Soil	133	116.0	5.3	<0.01	<0.01	0.81	1.3	<0.2	0.2	3.0	<0.01	0.06	7.1	<0.005
4036	Soil	235	314.3	5.7	<0.01	0.01	0.90	1.0	<0.2	0.5	13.5	<0.01	0.06	5.2	<0.005
7001	Soil	284	26.9	1.5	<0.01	0.02	0.74	1.6	0.3	<0.2	1.8	<0.01	0.06	12.5	<0.005
7002	Soil	289	23.8	4.3	<0.01	0.01	0.69	1.2	<0.2	<0.2	4.1	<0.01	0.08	8.3	<0.005
7003	Soil	329	24.5	4.9	<0.01	0.01	1.40	1.2	<0.2	0.2	4.8	<0.01	0.09	8.2	<0.005
7004	Soil	645	17.7	4.2	<0.01	0.02	0.71	0.7	<0.2	0.4	6.3	<0.01	0.10	3.1	<0.005
7005	Soil	518	12.2	3.7	<0.01	0.01	0.29	0.4	<0.2	0.3	4.9	<0.01	0.04	0.7	0.009
7006	Soil	648	33.9	6.4	<0.01	0.03	0.73	1.0	<0.2	0.4	5.2	<0.01	0.08	4.0	<0.005
7007	Soil	338	18.9	3.6	<0.01	0.01	0.66	0.8	<0.2	<0.2	3.9	<0.01	0.05	4.4	<0.005
7008	Soil	278	23.0	4.1	<0.01	<0.01	1.04	1.3	<0.2	<0.2	4.1	<0.01	0.07	8.3	<0.005
7009	Soil	459	23.6	3.7	<0.01	0.02	1.03	1.3	<0.2	<0.2	6.0	<0.01	0.09	6.3	<0.005
7010	Soil	293	23.7	1.9	<0.01	<0.01	0.88	1.6	<0.2	<0.2	9.7	<0.01	0.08	8.3	<0.005
7011	Soil	376	24.0	2.9	<0.01	0.01	0.87	1.9	<0.2	<0.2	18.3	<0.01	0.08	10.3	<0.005
7012	Soil	372	24.1	3.5	<0.01	0.01	0.91	2.1	<0.2	<0.2	24.6	<0.01	0.09	10.8	<0.005
7013	Soil	569	20.3	5.5	<0.01	0.04	0.70	1.4	0.3	<0.2	51.7	<0.01	0.08	5.0	<0.005
7014	Soil	450	29.8	2.6	<0.01	0.01	1.11	2.2	<0.2	<0.2	22.7	<0.01	0.10	12.2	<0.005
7015	Soil	471	25.7	3.8	<0.01	0.02	1.12	2.4	<0.2	<0.2	29.2	<0.01	0.11	11.8	<0.005
7016	Soil	259	25.8	4.1	<0.01	0.01	0.96	2.2	<0.2	<0.2	22.3	<0.01	0.09	11.4	<0.005
7017	Soil	383	24.0	3.5	<0.01	0.01	1.03	2.1	<0.2	<0.2	24.2	<0.01	0.07	12.6	<0.005
7018	Soil	195	20.0	5.0	<0.01	<0.01	0.69	1.9	<0.2	<0.2	4.3	<0.01	0.08	9.4	<0.005
7019	Soil	564	19.8	3.7	<0.01	0.03	0.63	1.7	<0.2	<0.2	32.8	<0.01	0.05	6.6	<0.005
7020	Soil	469	22.2	2.9	<0.01	0.01	0.74	2.1	<0.2	<0.2	22.9	<0.01	0.07	11.1	<0.005
7021	Soil	403	11.6	3.3	<0.01	0.03	0.34	1.1	<0.2	<0.2	18.9	<0.01	0.04	3.8	<0.005
7022	Soil	723	20.0	5.6	<0.01	0.05	0.63	1.7	<0.2	0.2	38.6	<0.01	0.08	5.2	<0.005
7023	Soil	337	16.2	5.0	<0.01	0.02	0.38	1.3	<0.2	<0.2	16.6	<0.01	0.06	4.6	<0.005
7024	Soil	305	17.1	4.1	<0.01	<0.01	0.49	1.5	<0.2	0.2	9.2	<0.01	0.05	8.0	<0.005
7025	Soil	418	22.2	5.8	<0.01	0.01	0.48	2.0	<0.2	0.2	18.2	<0.01	0.06	9.1	<0.005
7026	Soil	523	24.4	5.8	<0.01	0.03	0.69	2.2	<0.2	0.2	31.8	<0.01	0.07	7.9	<0.005
7027	Soil	451	21.5	5.1	<0.01	0.02	0.65	2.1	<0.2	0.2	21.6	<0.01	0.05	8.3	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3201	Soil	<0.05	0.95	18	0.18	2.82	79	3.1
3202	Soil	<0.05	0.52	17	0.13	0.79	45	0.7
3203	Soil	0.05	0.79	22	0.19	1.32	73	1.3
3204	Soil	0.05	0.81	17	0.13	1.02	39	1.9
3205	Soil	0.05	0.89	19	0.23	0.86	67	0.8
3206	Soil	0.18	1.07	21	0.35	1.13	90	0.5
3207	Soil	0.33	1.31	11	0.78	1.23	108	<0.5
3208	Soil	0.17	1.84	11	1.07	1.66	186	<0.5
3209	Soil	0.23	2.97	10	1.17	1.37	216	1.3
3210	Soil	0.14	0.75	11	0.68	0.69	63	<0.5
3211	Soil	<0.05	1.22	19	0.11	1.31	88	3.9
3212	Soil	<0.05	0.96	17	1.90	2.38	50	1.2
3213	Soil	<0.05	0.33	9	0.09	0.64	44	<0.5
3214	Soil	0.06	0.71	15	0.72	1.66	178	<0.5
3215	Soil	<0.05	2.50	19	4.08	2.40	128	1.3
3216	Soil	0.06	0.71	20	0.21	1.45	52	0.6
3217	Soil	<0.05	0.74	23	0.16	2.03	81	0.6
3218	Soil	<0.05	0.88	12	0.08	11.02	97	1.7
3219	Soil	<0.05	0.80	26	0.17	2.17	115	1.6
3220	Soil	<0.05	0.65	28	0.17	1.65	76	0.7
3221	Soil	0.05	0.67	28	0.18	1.58	69	0.5
3222	Soil	<0.05	0.74	27	0.12	1.54	89	2.0
3223	Soil	<0.05	0.92	17	0.07	2.62	118	0.6
3224	Soil	<0.05	0.68	18	0.07	9.35	78	1.3
3225	Soil	<0.05	0.84	16	0.06	3.47	94	<0.5
3226	Soil	<0.05	0.78	23	0.09	3.02	97	1.3
3227	Soil	0.05	0.96	24	0.10	1.88	73	2.1
3228	Soil	<0.05	0.74	25	0.07	1.73	112	3.8
3229	Soil	<0.05	0.68	26	0.10	1.33	69	1.5
3230	Soil	<0.05	1.08	26	0.10	1.86	109	2.3
3231	Soil	<0.05	0.72	23	0.10	0.93	78	1.7
3232	Soil	<0.05	1.19	21	0.09	1.35	70	3.2
3233	Soil	<0.05	0.67	14	0.06	1.18	43	1.8
3234	Soil	<0.05	0.52	13	0.06	0.90	40	1.6
3235	Soil	<0.05	0.78	20	0.08	0.98	84	3.1
3236	Soil	<0.05	0.87	16	0.06	1.39	69	2.8
3237	Soil	<0.05	1.13	23	0.10	1.89	107	2.7
3238	Soil	<0.05	1.18	27	0.15	2.24	116	1.3
3239	Soil	<0.05	1.04	30	0.19	1.99	105	1.3
3240	Soil	<0.05	1.24	28	0.14	2.34	123	2.8

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11-360-06069-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3241	Soil	0.08	1.00	35	0.18	2.02	89	<0.5
3242	Soil	<0.05	0.75	24	0.12	1.28	56	0.9
3243	Soil	<0.05	0.76	13	0.08	1.36	57	1.3
3244	Soil	<0.05	0.41	18	0.07	0.79	29	<0.5
3245	Soil	<0.05	0.79	25	0.11	1.39	73	1.0
3246	Soil	<0.05	0.71	29	0.09	1.17	69	1.1
3247	Soil	<0.05	0.70	25	0.11	1.19	61	1.7
3248	Soil	<0.05	0.67	28	0.11	1.06	92	0.9
3249	Soil	<0.05	1.18	26	0.22	1.76	133	3.4
3250	Soil	<0.05	1.21	25	0.08	2.03	135	2.6
3251	Soil	<0.05	0.77	24	0.05	1.26	122	3.3
3252	Soil	<0.05	0.50	15	0.06	0.78	31	1.4
4001	Soil	<0.05	1.89	21	0.06	3.96	148	1.8
4002	Soil	<0.05	0.66	21	0.15	1.68	83	1.7
4003	Soil	0.07	0.92	23	0.14	1.61	77	1.5
4004	Soil	<0.05	0.79	18	0.13	1.35	68	2.3
4005	Soil	<0.05	0.38	12	0.07	0.87	17	1.4
4006	Soil	<0.05	0.92	21	0.11	1.42	73	2.2
4007	Soil	<0.05	0.97	11	0.26	1.39	73	<0.5
4008	Soil	0.05	0.97	16	0.47	1.36	72	<0.5
4009	Soil	<0.05	1.33	14	4.42	2.43	115	1.1
4010	Soil	<0.05	0.40	14	1.02	0.68	20	0.6
4011	Soil	<0.05	0.72	21	0.30	1.23	46	<0.5
4012	Soil	<0.05	0.73	17	0.27	0.94	67	0.7
4013	Soil	0.05	1.90	10	0.41	3.18	145	<0.5
4014	Soil	NS	NS	NS	NS	NS	NS	NS
4015	Soil	<0.05	0.49	20	0.55	1.10	44	<0.5
4016	Soil	<0.05	0.45	12	0.12	0.55	74	1.3
4017	Soil	NS	NS	NS	NS	NS	NS	NS
4018	Soil	<0.05	0.52	20	0.21	0.84	48	<0.5
4019	Soil	<0.05	0.93	13	0.12	0.82	74	1.1
4020	Soil	<0.05	0.32	14	0.75	0.69	48	<0.5
4021	Soil	<0.05	1.15	20	0.37	1.41	80	1.3
4022	Soil	0.05	0.71	20	0.32	1.03	59	<0.5
4023	Soil	<0.05	0.41	9	0.24	1.35	48	<0.5
4024	Soil	<0.05	0.36	11	0.25	1.08	40	<0.5
4025	Soil	<0.05	0.57	16	0.38	1.42	42	<0.5
4026	Soil	<0.05	0.31	10	0.13	1.13	32	<0.5
4027	Soil	<0.05	0.92	8	0.17	1.07	54	<0.5
4028	Soil	<0.05	0.62	9	0.18	0.86	51	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4029	Soil	<0.05	0.52	13	0.26	1.09	57	<0.5
4030	Soil	<0.05	0.69	14	0.25	1.48	63	0.8
4031	Soil	<0.05	0.54	14	0.26	1.21	57	0.8
4032	Soil	<0.05	1.02	14	0.24	2.62	73	1.4
4033	Soil	<0.05	0.22	11	0.14	0.49	15	<0.5
4034	Soil	<0.05	0.34	13	0.18	0.73	24	1.4
4035	Soil	<0.05	0.59	17	0.20	1.40	135	1.8
4036	Soil	<0.05	0.90	13	1.25	1.57	94	1.1
7001	Soil	<0.05	2.48	16	0.52	3.59	109	1.2
7002	Soil	<0.05	0.99	18	0.26	1.53	87	1.0
7003	Soil	<0.05	0.72	19	0.19	1.37	84	1.5
7004	Soil	<0.05	0.79	23	0.34	1.77	58	<0.5
7005	Soil	<0.05	0.42	18	0.19	0.94	37	<0.5
7006	Soil	0.05	1.01	23	0.67	1.91	102	0.5
7007	Soil	<0.05	0.61	14	0.45	1.17	52	1.6
7008	Soil	<0.05	0.76	18	0.52	1.50	82	1.7
7009	Soil	<0.05	0.67	18	1.01	1.56	101	1.7
7010	Soil	<0.05	0.71	17	0.18	2.75	101	1.5
7011	Soil	<0.05	0.87	16	0.13	3.11	95	4.3
7012	Soil	<0.05	1.26	17	0.13	3.76	100	3.6
7013	Soil	<0.05	1.70	14	0.12	3.52	76	5.1
7014	Soil	<0.05	0.99	16	0.12	3.86	101	5.1
7015	Soil	<0.05	0.96	17	0.15	3.98	108	5.6
7016	Soil	<0.05	0.88	17	0.13	3.21	99	4.0
7017	Soil	<0.05	1.06	16	0.12	3.84	91	4.4
7018	Soil	<0.05	0.58	19	0.21	1.94	84	2.0
7019	Soil	<0.05	0.86	16	0.15	4.97	67	3.3
7020	Soil	<0.05	0.72	18	0.10	5.32	89	2.7
7021	Soil	<0.05	0.54	13	0.11	2.30	45	1.3
7022	Soil	<0.05	1.00	16	0.12	4.87	70	4.1
7023	Soil	<0.05	0.53	18	0.12	2.27	67	1.1
7024	Soil	<0.05	0.55	18	0.12	2.10	76	1.1
7025	Soil	<0.05	0.83	18	0.13	3.69	84	1.5
7026	Soil	<0.05	0.98	18	0.14	5.49	80	2.4
7027	Soil	<0.05	1.01	18	0.13	4.85	73	1.5

NS = No Sample

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-06069-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3201	Soil		0.14	1.69	57.7	32	0.39	0.43	0.03	0.13	15.68	13.5	19	1.13	39.6
3201 Dup			0.14	1.71	60.5	33	0.40	0.44	0.03	0.13	15.79	14.5	20	1.21	40.6
QCV1108-01454-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.47					8.72				22.2			>10000
3219	Soil		0.10	2.04	80.4	25	0.25	0.38	0.03	0.14	24.33	16.5	32	1.13	37.5
3219 Dup			0.09	2.09	78.8	25	0.24	0.36	0.04	0.13	24.40	15.3	33	1.14	38.0
QCV1108-01454-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.34					8.68				22.1			>10000
3237	Soil		0.05	2.08	16.3	15	0.23	0.36	0.04	0.04	21.24	16.3	33	3.04	35.8
3237 Dup			0.05	2.06	15.8	15	0.23	0.35	0.04	0.04	20.95	15.9	32	2.99	34.8
QCV1108-01454-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.36					8.65				23.0			>10000
4003	Soil		0.04	1.76	13.2	41	0.20	0.32	0.13	0.06	12.13	11.7	28	2.71	21.0
4003 Dup			0.04	1.74	12.6	40	0.20	0.32	0.13	0.07	11.80	11.9	28	2.66	20.9
QCV1108-01454-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5705.3
4021	Soil		0.41	1.13	128.5	53	0.45	0.42	<0.01	0.06	17.61	7.7	16	0.86	46.3
4021 Dup			0.39	1.13	126.3	54	0.46	0.45	<0.01	0.06	17.84	7.6	15	0.90	46.4
QCV1108-01454-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.39					8.67				23.1			>10000
7003	Soil		0.47	1.26	57.6	32	0.32	0.43	0.01	0.15	26.01	9.5	19	1.47	22.0
7003 Dup			0.48	1.30	58.4	32	0.33	0.45	0.01	0.15	26.49	9.7	20	1.50	22.7
QCV1108-01454-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.53				23.4			>10000
7021	Soil		0.08	1.06	16.6	37	0.21	0.20	0.25	0.10	16.12	5.9	16	0.43	17.2
7021 Dup			0.09	1.06	17.4	37	0.19	0.20	0.25	0.11	16.25	5.9	16	0.41	17.0
QCV1108-01454-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1108-01454-0021-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6219.9
3201	Soil	0.011													
3201 Dup		0.011													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.973													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3219	Soil	0.019													
3219 Dup		0.019													
QCV1108-01455-0004-BLK		0.009													
3237	Soil	0.029													
3237 Dup		0.035													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.986													
4003	Soil	0.007													
4003 Dup		0.015													
QCV1108-01455-0008-BLK		<0.005													
4021	Soil	0.024													
4021 Dup		0.025													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.391													
7003	Soil	0.010													
7003 Dup		0.021													
QCV1108-01455-0012-BLK		<0.005													
7021	Soil	0.008													
7021 Dup		<0.005													
QCV1108-01455-0014-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.835													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3201	Soil	3.61	5.32	<0.05	0.19	0.02	0.02	7.3	34.3	0.49	1295	0.58	<0.01	0.52	25.3
3201 Dup		3.59	5.46	<0.05	0.14	0.03	0.02	8.3	32.9	0.51	1368	0.56	<0.01	0.42	25.3
QCV1108-01454-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3219	Soil	4.48	7.05	0.05	0.06	0.02	0.02	12.4	46.4	0.80	578	0.74	<0.01	0.48	40.2
3219 Dup		4.43	6.61	<0.05	0.06	0.02	0.02	13.6	45.9	0.82	573	0.70	<0.01	0.46	41.8
QCV1108-01454-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3237	Soil	4.04	7.87	<0.05	0.17	0.02	0.02	10.2	58.8	0.87	598	0.51	<0.01	0.20	36.0
3237 Dup		3.87	7.60	<0.05	0.15	0.02	0.02	9.6	53.8	0.84	589	0.49	<0.01	0.19	35.1
QCV1108-01454-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4003	Soil	3.39	6.66	<0.05	0.07	0.02	0.04	6.1	35.5	0.58	684	0.76	<0.01	0.34	26.3
4003 Dup		3.36	6.34	<0.05	0.07	0.02	0.04	5.9	36.1	0.57	686	0.71	<0.01	0.33	25.7
QCV1108-01454-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4021	Soil	4.03	4.87	<0.05	0.09	0.03	0.04	9.7	15.3	0.15	187	1.05	<0.01	0.58	18.3
4021 Dup		3.90	4.86	<0.05	0.07	0.03	0.04	9.8	15.7	0.15	182	1.03	<0.01	0.56	18.2
QCV1108-01454-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7003	Soil	3.39	5.48	<0.05	0.05	0.02	0.03	14.5	27.3	0.34	310	0.71	<0.01	0.25	20.4
7003 Dup		3.41	5.58	<0.05	0.04	0.02	0.03	14.9	29.8	0.35	313	0.72	<0.01	0.27	21.6
QCV1108-01454-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7021	Soil	2.08	3.49	<0.05	0.12	0.01	0.04	8.4	26.2	0.40	165	0.40	0.01	0.26	18.4
7021 Dup		2.08	3.45	<0.05	0.09	0.01	0.03	8.5	26.3	0.40	165	0.41	0.01	0.26	18.2
QCV1108-01454-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01454-0021-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3201	Soil	780	35.5	2.9	<0.01	0.04	3.23	1.5	0.5	0.2	3.7	0.02	0.09	2.4	0.006
3201 Dup		812	36.4	3.1	<0.01	0.04	3.27	1.4	0.4	<0.2	3.8	0.01	0.11	2.2	0.006
QCV1108-01454-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.1				1.80		14.0	16.0					
3219	Soil	502	27.6	3.4	<0.01	0.02	1.21	1.4	0.3	0.2	4.6	<0.01	0.06	3.1	0.011
3219 Dup		508	26.4	3.4	<0.01	0.02	1.22	1.3	0.4	0.2	4.6	<0.01	0.06	3.2	0.010
QCV1108-01454-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.5				1.66		12.8	14.6					
3237	Soil	636	28.2	3.6	<0.01	0.02	0.94	1.9	<0.2	<0.2	4.7	<0.01	0.05	4.0	0.005
3237 Dup		642	27.9	3.5	<0.01	0.02	0.90	1.9	0.2	<0.2	4.5	<0.01	0.06	3.8	<0.005
QCV1108-01454-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.7				1.66		12.8	14.9					
4003	Soil	1059	14.4	5.0	<0.01	0.05	0.41	1.0	<0.2	0.3	7.7	<0.01	0.08	2.1	<0.005
4003 Dup		1059	14.6	5.2	<0.01	0.05	0.39	0.9	0.2	0.3	7.6	<0.01	0.06	1.9	<0.005
QCV1108-01454-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								20.3				
4021	Soil	580	41.0	5.8	<0.01	0.05	2.08	1.5	<0.2	0.3	29.5	<0.01	0.13	8.2	<0.005
4021 Dup		574	41.1	5.8	<0.01	0.04	2.32	1.4	0.3	0.3	29.5	<0.01	0.15	8.8	<0.005
QCV1108-01454-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.7				1.79		12.8	15.5					
7003	Soil	329	24.5	4.9	<0.01	0.01	1.40	1.2	<0.2	0.2	4.8	<0.01	0.09	8.2	<0.005
7003 Dup		332	25.4	5.0	<0.01	0.01	1.46	1.2	<0.2	0.2	5.0	<0.01	0.11	8.7	<0.005
QCV1108-01454-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.2				1.76		13.4	15.7					
7021	Soil	403	11.6	3.3	<0.01	0.03	0.34	1.1	<0.2	<0.2	18.9	<0.01	0.04	3.8	<0.005
7021 Dup		389	11.5	3.3	<0.01	0.03	0.34	1.1	<0.2	<0.2	18.7	<0.01	0.04	3.6	<0.005
QCV1108-01454-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1108-01454-0021-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								24.5				

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3201	Soil	<0.05	0.95	18	0.18	2.82	79	3.1
3201 Dup		<0.05	1.03	19	0.14	2.86	82	3.1
QCV1108-01454-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							167	
3219	Soil	<0.05	0.80	26	0.17	2.17	115	1.6
3219 Dup		<0.05	0.81	26	0.16	2.11	114	1.4
QCV1108-01454-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
3237	Soil	<0.05	1.13	23	0.10	1.89	107	2.7
3237 Dup		<0.05	1.11	22	0.08	1.87	104	2.6
QCV1108-01454-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							170	
4003	Soil	0.07	0.92	23	0.14	1.61	77	1.5
4003 Dup		0.07	0.88	23	0.15	1.59	75	1.5
QCV1108-01454-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5182	
4021	Soil	<0.05	1.15	20	0.37	1.41	80	1.3
4021 Dup		<0.05	1.26	20	0.43	1.38	80	1.3
QCV1108-01454-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							167	
7003	Soil	<0.05	0.72	19	0.19	1.37	84	1.5
7003 Dup		<0.05	0.75	20	0.21	1.38	87	1.5
QCV1108-01454-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
7021	Soil	<0.05	0.54	13	0.11	2.30	45	1.3
7021 Dup		<0.05	0.53	13	0.09	2.23	45	1.2
QCV1108-01454-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1108-01454-0021-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5036	

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11-360-06070-01

Inspectorate Exploration & Mining Services Ltd.
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Richmond, British Columbia V7A 4V5 Canada
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Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Description: **3 ACE**

Date Received: 08/15/2011
Date Completed: 09/06/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	176	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7039	Soil	0.022	0.35	0.51	57.9	19	0.25	0.43	0.01	0.14	25.70	16.0	9	1.54	35.0
7040	Soil	0.013	0.18	0.47	47.7	17	0.20	0.52	0.09	0.06	29.83	12.2	10	1.18	30.3
7041	Soil	0.038	0.26	1.61	43.4	22	0.76	0.51	0.05	0.17	17.02	25.3	25	3.15	67.2
7042	Soil	0.011	0.07	2.14	48.0	33	0.39	0.47	0.04	0.08	35.04	18.7	37	3.16	47.6
7043	Soil	0.008	0.07	2.55	37.6	23	0.25	0.44	0.03	0.07	33.08	18.0	41	2.97	43.8
7044	Soil	0.006	0.02	2.43	50.2	22	0.18	0.47	<0.01	0.08	37.32	14.8	38	2.52	30.1
7045	Soil	0.007	0.02	2.74	26.7	25	0.36	0.37	0.06	0.03	43.53	14.1	42	2.75	32.9
7046	Soil	0.009	0.01	2.67	32.3	24	0.28	0.39	0.04	0.04	44.52	13.9	40	3.15	27.3
7047	Soil	0.030	0.19	0.81	157.4	33	0.34	0.50	0.03	0.32	24.40	15.6	15	2.92	42.7
7048	Soil	0.082	0.06	0.73	169.5	20	0.17	0.44	0.01	0.10	29.15	9.0	15	1.08	23.3
7049	Soil	0.006	0.10	1.08	29.4	31	0.15	0.43	0.01	0.06	31.51	7.0	18	0.97	16.6
7050	Soil	0.006	0.08	1.24	31.1	24	0.20	0.31	<0.01	0.07	26.89	7.7	17	0.78	15.4
7051	Soil	<0.005	0.04	1.65	41.8	36	0.22	0.44	<0.01	0.11	39.84	10.4	23	0.95	23.4
7052	Soil	0.006	0.03	1.17	70.2	28	0.19	0.46	0.02	0.15	33.01	10.6	20	0.73	25.6
7053	Soil	0.018	0.11	0.94	92.4	22	0.31	0.40	0.04	0.17	31.40	14.3	14	0.98	35.7
7054	Soil	0.011	0.18	0.86	45.9	22	0.22	0.22	0.02	0.10	18.62	6.3	10	0.72	18.9
7055	Soil	0.020	0.10	0.55	103.3	24	0.16	0.40	0.01	0.11	32.72	7.1	10	1.32	27.7
7056	Soil	0.017	0.17	1.27	48.9	25	0.21	0.38	<0.01	0.10	32.80	8.5	19	1.02	25.6
7057	Soil	0.024	0.17	1.10	65.3	39	0.32	0.42	0.09	0.18	24.11	8.5	16	2.40	25.0
7058	Soil	0.026	0.18	0.91	88.0	38	0.20	0.35	0.07	0.29	18.24	4.5	11	2.43	14.1
7059	Soil	0.077	0.15	1.53	41.1	34	0.21	0.31	0.03	0.08	33.70	8.3	22	1.23	21.6
7060	Soil	0.022	0.18	1.93	90.9	64	0.37	0.42	0.07	0.11	29.74	11.7	27	2.21	27.0
7061	Soil	0.024	0.08	1.27	34.2	33	0.17	0.25	0.05	0.04	25.35	5.4	17	1.22	14.4
7062	Soil	0.011	0.06	0.74	16.7	30	0.17	0.31	0.01	0.06	21.90	3.5	9	1.08	18.1
7063	Soil	0.013	0.17	1.37	31.3	41	0.38	0.44	0.03	0.19	31.93	8.1	23	1.98	33.3
7064	Soil	0.012	0.04	0.65	5.5	19	0.14	0.10	0.06	0.03	10.93	2.1	5	0.45	7.6
7065	Soil	0.016	0.06	0.52	11.9	18	0.12	0.20	0.02	0.04	10.89	2.7	6	1.33	11.6
7066	Soil	0.015	0.07	1.18	16.8	47	0.24	0.25	0.04	0.06	23.03	5.0	16	1.17	17.5
7067	Soil	0.025	0.04	1.55	41.3	37	0.33	0.43	0.03	0.08	34.01	13.3	25	1.47	32.0
7068	Soil	0.012	0.06	1.16	31.4	41	0.22	0.39	0.03	0.09	30.27	7.3	17	1.45	22.1
7069	Soil	0.019	0.12	1.47	37.1	35	0.19	0.42	0.02	0.08	32.15	9.8	21	1.55	24.5
7070	Soil	0.101	0.14	1.17	45.5	25	0.26	0.45	0.01	0.14	28.11	7.8	20	2.12	26.6
7071	Soil	0.009	0.08	0.62	10.2	18	0.19	0.11	0.02	0.04	9.63	2.1	5	1.72	11.9
7072	Soil	0.018	0.05	0.32	35.3	23	0.33	0.58	<0.01	0.02	47.50	12.3	7	3.41	34.9
7073	Soil	0.023	0.15	1.32	44.2	29	0.34	0.36	0.04	0.10	34.82	9.6	17	2.41	31.9
7074	Soil	0.017	0.08	1.98	24.4	33	0.36	0.46	0.01	0.06	47.95	10.3	27	1.93	30.5
7075	Soil	0.016	0.13	1.01	22.9	31	0.18	0.34	0.01	0.06	40.21	6.7	15	1.76	22.4
7076	Soil	0.017	0.05	2.05	22.9	54	0.49	0.45	0.01	0.05	54.94	12.1	27	1.42	42.1
7077	Soil	0.005	0.20	1.87	20.6	36	0.36	0.43	<0.01	0.06	56.11	9.9	28	1.69	26.7
7078	Soil	0.017	0.10	1.92	21.8	44	0.41	0.40	<0.01	0.05	67.04	9.5	27	1.40	33.0

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7079	Soil	0.015	0.08	2.39	31.5	38	0.45	0.58	0.02	0.07	62.44	14.5	34	1.48	37.3
7080	Soil	0.017	0.21	2.46	27.0	56	0.61	0.47	<0.01	0.09	52.99	19.9	32	2.36	53.5
7081	Soil	0.016	0.30	1.85	26.6	31	0.30	0.45	0.02	0.09	52.99	9.0	26	2.55	25.7
7082	Soil	0.011	0.19	1.63	13.8	25	0.39	0.29	<0.01	0.05	25.48	8.8	19	1.54	32.1
7083	Soil	0.035	0.10	1.81	28.8	43	0.61	0.44	<0.01	0.07	44.76	14.1	24	2.08	61.8
7084	Soil	0.036	0.08	0.58	6.9	20	0.14	0.14	0.02	0.04	12.95	2.3	6	1.07	11.1
7085	Soil	0.029	0.13	1.55	35.3	53	0.35	0.40	0.02	0.06	48.57	9.3	21	3.68	26.6
7086	Soil	0.022	0.28	1.69	47.9	43	0.38	0.47	0.01	0.06	58.34	8.0	23	6.81	40.8
7087	Soil	0.025	0.18	1.84	72.8	100	0.90	0.53	0.05	0.12	44.61	20.2	24	14.41	94.4
7088	Soil	0.050	0.05	1.82	75.3	45	0.40	0.33	0.01	0.04	61.57	12.1	24	1.80	38.2
7089	Soil	0.038	0.49	1.07	149.7	33	0.23	0.42	0.01	0.08	50.90	6.5	17	3.17	26.1
7090	Soil	0.022	0.39	1.27	149.3	45	0.24	0.39	0.02	0.15	26.23	5.4	17	3.25	20.0
7091	Soil	0.020	0.34	1.60	28.7	45	0.53	0.36	0.03	0.18	21.25	9.2	23	5.02	46.5
7092	Soil	0.029	0.24	1.71	96.0	37	0.30	0.46	0.02	0.10	36.65	6.1	24	3.48	25.3
7093	Soil	0.034	0.08	0.92	525.4	51	0.34	0.25	0.04	0.26	37.50	14.1	19	1.53	28.5
7094	Soil	0.017	0.40	1.65	60.2	43	0.39	0.30	0.02	0.06	59.03	9.2	22	0.79	19.1
7095	Soil	0.025	0.04	1.73	39.4	42	0.37	0.31	0.09	0.05	56.28	9.8	23	0.56	29.0
7096	Soil	0.033	0.09	1.74	38.5	46	0.43	0.37	0.45	0.07	50.95	12.7	23	0.70	34.6
7097	Soil	0.031	0.10	1.70	59.0	55	0.46	0.34	0.80	0.10	37.24	11.8	22	0.75	38.5
7098	Soil	0.025	0.08	1.66	38.0	46	0.44	0.31	0.25	0.09	48.05	12.2	23	0.57	30.7
7099	Soil	0.026	0.10	1.61	31.4	43	0.45	0.33	0.69	0.15	33.39	14.0	21	0.50	42.0
7100	Soil	0.021	0.10	1.64	35.8	56	0.50	0.36	0.51	0.15	38.14	14.0	22	0.71	35.8
7101	Soil	0.034	0.10	1.64	40.0	53	0.49	0.33	0.66	0.14	37.67	13.6	24	0.67	35.1
7102	Soil	0.026	0.09	1.85	42.6	65	0.50	0.35	0.38	0.19	47.85	15.2	32	0.82	40.5
7103	Soil	0.039	0.06	1.75	34.6	45	0.40	0.33	0.16	0.09	54.42	14.6	26	0.63	31.8
7104	Soil	0.022	0.09	1.79	40.8	61	0.50	0.35	0.67	0.20	40.23	13.1	29	0.74	36.4
7105	Soil	0.053	0.09	1.85	47.4	65	0.63	0.36	0.39	0.09	49.27	15.4	27	0.80	40.5
7106	Soil	0.021	0.11	1.83	44.3	83	0.55	0.34	1.45	0.14	27.19	12.5	23	0.75	36.2
7107	Soil	0.030	0.08	1.68	38.0	29	0.37	0.32	0.19	0.10	16.12	13.6	27	0.84	29.7
7108	Soil	0.027	0.16	1.63	54.1	57	0.44	0.38	0.90	0.12	13.01	12.1	23	1.24	36.9
7109	Soil	0.056	0.12	1.66	56.5	52	0.52	0.46	0.30	0.12	19.80	16.9	26	1.66	39.8
7110	Soil	0.030	0.13	1.87	30.9	30	0.39	0.42	0.31	0.12	15.21	15.3	28	1.98	43.2
7111	Soil	0.036	0.05	1.40	15.1	50	0.24	0.38	0.02	0.21	18.19	8.7	34	0.74	24.8
7112	Soil	0.017	0.07	1.18	15.7	40	0.40	0.26	0.06	0.18	19.52	8.5	21	0.36	27.1
7113	Soil	0.021	0.07	1.45	16.4	49	0.61	0.32	0.15	0.28	42.33	11.5	19	0.47	29.1
7114	Soil	0.017	0.04	1.29	12.3	40	0.25	0.43	0.03	0.14	22.50	5.4	23	1.06	19.0
7115	Soil	0.026	0.05	1.26	11.9	34	0.24	0.45	0.02	0.11	18.27	6.6	26	0.91	21.8
7116	Soil	0.020	0.04	0.85	8.8	52	0.22	0.31	0.01	0.07	15.11	4.7	10	0.90	17.1
7117	Soil	0.017	0.07	0.90	7.4	46	0.20	0.31	0.02	0.27	13.83	4.7	19	0.85	16.6
7118	Soil	0.017	0.04	0.81	11.3	56	0.19	0.22	0.04	0.26	13.64	8.0	20	0.54	14.2

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7119	Soil	0.020	0.08	1.06	12.0	37	0.28	0.30	0.03	0.17	15.79	7.6	16	0.89	18.9
7120	Soil	0.017	0.04	1.42	13.1	29	0.31	0.33	0.02	0.11	14.99	11.3	22	0.57	25.4
7121	Soil	0.019	0.03	0.60	4.8	24	0.12	0.14	0.02	0.06	8.86	3.3	10	0.43	9.6
7122	Soil	0.016	0.06	0.48	6.1	57	0.12	0.19	0.02	0.11	10.72	4.0	10	0.60	11.6
7123	Soil	0.022	0.05	1.64	12.8	37	0.24	0.33	0.02	0.12	21.27	8.4	28	0.86	23.5
7124	Soil	0.032	0.06	0.69	6.4	59	0.13	0.16	0.02	0.12	7.27	6.0	12	0.49	12.2
7125	Soil	0.016	0.04	0.13	1.5	10	<0.05	0.03	0.05	0.07	0.80	0.4	<1	0.09	1.4
7126	Soil	0.021	0.04	1.74	35.2	34	0.24	0.38	0.03	0.15	18.03	12.1	37	0.84	26.9
7127	Soil	0.039	0.05	1.38	34.3	26	0.24	0.39	0.02	0.09	10.89	11.0	27	0.75	23.1
7128	Soil	0.023	0.04	1.94	61.3	24	0.28	0.45	0.02	0.11	16.51	11.9	32	0.86	28.1
7129	Soil	0.018	0.03	0.62	4.0	15	0.07	0.09	0.02	0.03	7.02	2.1	5	0.50	7.6
7130	Soil	0.019	0.05	1.74	28.2	34	0.26	0.38	0.02	0.12	18.36	10.0	31	0.93	22.5
7131	Soil	0.017	0.07	1.14	10.6	28	0.18	0.24	0.02	0.10	14.04	5.7	14	0.76	14.6
7132	Soil	0.017	0.08	1.42	16.2	29	0.22	0.35	0.02	0.18	16.34	7.7	23	0.57	22.0
7133	Soil	0.016	0.06	1.33	20.1	31	0.22	0.43	0.02	0.17	16.37	8.1	32	0.82	22.8
7134	Soil	0.016	0.02	1.38	16.3	14	0.16	0.25	0.01	0.05	11.73	6.3	18	0.39	19.5
7135	Soil	0.028	0.18	0.73	14.8	93	0.15	0.25	0.04	0.18	8.41	7.4	17	0.49	15.0
7136	Soil	0.019	0.07	1.14	16.7	34	0.31	0.25	0.04	0.12	16.46	6.6	19	0.47	21.4
7137	Soil	0.019	0.04	1.43	15.0	33	0.41	0.28	0.08	0.24	15.55	13.4	23	0.65	33.9
7138	Soil	0.014	0.06	2.66	28.9	16	0.51	0.73	0.03	0.09	26.56	47.8	43	1.74	67.9
7139	Soil	0.017	0.05	2.23	26.9	35	0.47	0.45	0.05	0.09	13.62	19.6	35	2.72	51.1
7140	Soil	0.016	0.06	0.68	6.7	15	0.32	0.09	0.05	0.07	5.52	2.1	4	0.97	14.9
7141	Soil	0.017	0.05	1.55	15.1	31	0.37	0.49	0.08	0.13	25.54	15.1	23	0.63	32.2
7142	Soil	0.018	0.04	0.79	7.8	43	0.22	0.32	0.04	0.09	16.67	7.3	13	0.82	18.9
7143	Soil	0.017	0.04	1.37	10.3	42	0.41	0.28	0.08	0.08	26.18	9.5	18	0.74	20.3
7144	Soil	0.018	0.05	1.53	16.9	38	0.40	0.45	0.03	0.17	30.47	15.8	28	0.92	34.3
7145	Soil	0.019	0.04	1.73	15.6	32	0.34	0.47	0.05	0.08	29.05	12.6	29	1.08	34.3
7146	Soil	0.026	0.04	1.96	11.9	37	0.38	0.47	0.08	0.12	25.95	16.1	34	0.79	40.0
7147	Soil	0.024	0.06	1.41	8.7	44	0.26	0.32	0.04	0.17	12.83	8.6	27	0.59	23.7
7148	Soil	0.021	0.16	1.67	11.2	60	0.35	0.42	0.03	0.17	16.04	9.6	32	0.86	24.0
7149	Soil	0.020	0.06	1.56	14.3	44	0.37	0.40	0.05	0.10	24.75	10.2	23	1.00	26.4
7150	Soil	0.024	0.02	1.97	15.6	40	0.42	0.44	0.04	0.16	32.27	15.3	29	0.87	31.4
7151	Soil	0.031	0.03	1.59	14.0	45	0.36	0.42	0.05	0.08	38.70	13.3	26	0.97	31.3
7152	Soil	0.023	0.05	1.39	8.2	35	0.33	0.27	0.05	0.09	23.69	9.2	18	0.69	23.0
7153	Soil	0.021	0.05	1.79	14.0	34	0.40	0.40	0.04	0.15	28.49	12.5	27	0.75	30.9
7154	Soil	0.019	0.05	1.47	9.2	31	0.32	0.33	0.02	0.08	20.59	11.3	19	0.67	27.8
7155	Soil	0.021	0.04	1.19	8.9	34	0.32	0.25	0.05	0.08	18.89	10.0	14	0.67	17.5
7156	Soil	0.020	0.03	1.15	6.9	32	0.24	0.26	0.05	0.07	19.30	6.4	14	0.69	18.2
7157	Soil	0.021	0.06	1.12	7.7	36	0.36	0.25	0.05	0.06	14.87	7.5	14	0.48	17.9
7158	Soil	0.028	0.14	1.41	9.9	66	0.36	0.37	0.08	0.24	17.34	17.3	25	0.81	27.9

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7159	Soil	0.023	0.06	1.06	13.1	39	0.30	0.32	0.04	0.08	18.18	9.4	15	0.57	18.4
7160	Soil	0.023	0.05	1.31	14.5	35	0.40	0.25	0.06	0.07	18.86	19.5	14	0.50	23.3
7161	Soil	0.022	0.15	1.60	42.7	22	0.57	0.33	0.09	0.11	24.16	38.3	26	0.90	38.6
7162	Soil	0.024	0.11	1.52	23.7	23	0.48	0.45	0.09	0.06	19.07	25.3	22	0.67	42.8
7163	Soil	0.021	0.12	1.62	15.8	30	0.32	0.33	0.07	0.11	15.53	21.5	22	0.44	30.0
7164	Soil	0.021	0.07	1.54	59.3	44	0.64	0.29	0.18	0.16	38.23	26.5	20	0.68	30.2
7165	Soil	0.030	0.05	1.81	31.1	33	0.54	0.46	0.02	0.08	15.55	36.4	25	1.21	50.2
7167	Soil	0.021	0.05	0.71	44.3	14	0.19	0.17	0.13	0.20	11.73	6.6	14	0.37	12.4
7168	Soil	0.025	0.03	1.73	40.5	29	0.46	0.33	0.01	0.10	30.40	12.7	28	1.35	19.0
7169	Soil	0.020	0.06	1.38	31.0	52	0.64	0.35	0.08	0.24	29.37	15.0	20	1.48	56.8
7170	Soil	0.018	0.05	1.54	14.8	33	0.46	0.31	0.06	0.13	22.06	13.7	27	0.85	23.0
7171	Soil	0.021	0.03	1.67	47.1	24	0.15	0.40	0.01	0.09	16.90	8.7	31	1.36	23.7
7172	Soil	0.023	0.07	1.96	19.5	29	0.44	0.40	0.01	0.09	14.97	16.2	38	3.22	36.0
7173	Soil	0.026	0.06	1.29	11.6	29	0.16	0.26	0.01	0.08	16.63	5.9	27	1.20	14.7
7174	Soil	0.024	0.13	1.45	10.3	25	0.21	0.28	0.03	0.08	14.64	11.2	24	1.22	21.3
7175	Soil	0.029	0.06	2.49	18.6	19	0.39	0.41	0.03	0.06	12.48	19.6	44	1.87	42.2
7176	Soil	0.028	0.13	1.86	9.1	36	0.27	0.41	0.04	0.15	15.38	14.4	27	1.00	18.3
7177	Soil	0.024	0.06	1.87	8.0	22	0.49	0.47	0.04	0.05	18.47	19.4	32	1.25	54.7
7178	Soil	0.026	0.10	1.39	8.7	30	0.32	0.35	0.05	0.20	12.74	13.1	24	1.37	22.5
7179	Soil	0.030	0.10	1.44	8.0	37	0.42	0.38	0.16	0.31	11.59	12.5	33	1.04	20.8
7180	Soil	0.030	0.07	1.79	23.0	35	0.60	0.54	0.14	0.10	18.28	16.3	27	1.36	27.2
7181	Soil	0.027	0.12	1.45	44.1	26	0.39	0.43	0.29	0.16	11.77	16.9	28	0.54	25.5
7182	Soil	0.023	0.12	1.21	17.1	24	0.28	0.37	0.15	0.08	12.20	5.3	20	0.87	12.1
7183	Soil	0.030	0.13	2.18	39.7	30	0.34	0.45	0.01	0.12	15.90	15.5	36	2.51	42.0
7184	Soil	0.044	0.04	1.26	19.3	46	0.21	0.42	0.02	0.12	15.32	13.9	26	1.36	28.6
7185	Soil	0.033	0.09	2.02	49.8	34	0.32	0.53	0.02	0.21	26.09	26.8	37	1.41	54.4
7186	Soil	0.026	0.07	0.92	21.7	25	0.15	0.18	0.03	0.20	10.75	11.8	17	1.02	17.7
7187	Soil	0.031	0.05	0.92	63.6	39	0.28	0.31	0.12	0.37	11.76	13.9	30	1.40	23.1
7188	Soil	0.057	0.32	1.85	381.5	29	0.39	0.51	0.13	0.22	13.01	17.3	34	2.57	43.2
7189	Soil	0.035	0.07	1.16	36.7	25	0.28	0.28	0.03	0.06	9.95	8.8	16	1.46	34.5
7190	Soil	0.051	0.13	1.81	95.9	41	0.48	0.50	0.04	0.11	17.21	16.5	27	2.44	47.9
7191	Soil	0.039	0.13	0.76	149.7	26	0.25	0.32	0.02	0.08	20.37	11.3	13	1.04	26.7
7192	Soil	0.030	0.17	1.22	53.0	34	0.27	0.38	0.01	0.15	20.92	12.1	21	0.98	30.8
7193	Soil	0.059	0.16	1.39	67.7	36	0.33	0.44	0.02	0.12	33.00	12.3	29	1.91	32.6
7194	Soil	0.028	0.11	1.66	73.4	64	0.45	0.42	0.17	0.28	25.97	16.2	39	1.10	30.2
7195	Soil	0.030	0.03	1.34	6.6	16	0.16	0.21	0.02	0.09	13.18	8.9	18	0.76	22.8
7196	Soil	0.023	0.04	1.18	17.5	33	0.20	0.28	0.02	0.09	20.60	6.6	21	1.41	21.9
7197	Soil	0.029	0.04	2.12	55.6	24	0.33	0.43	0.03	0.10	35.28	17.2	35	1.14	43.3
7198	Soil	0.028	0.04	2.12	58.0	30	0.39	0.50	0.04	0.11	45.88	20.1	36	1.20	45.2
7199	Soil	0.027	0.03	2.18	51.6	19	0.30	0.40	0.01	0.08	33.32	16.2	36	1.18	37.1

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7200	Soil	0.026	0.05	1.09	16.1	17	0.12	0.17	0.04	0.08	14.95	4.7	15	0.67	12.4
7201	Soil	0.024	0.07	2.13	73.2	23	0.34	0.39	0.04	0.13	36.64	16.2	41	1.17	38.6
7202	Soil	0.033	0.10	1.34	36.8	23	0.30	0.25	0.04	0.11	15.37	8.8	25	2.85	25.2
7203	Soil	0.039	0.04	2.40	35.5	31	0.34	0.43	0.12	0.16	55.23	41.6	49	3.55	52.6
7204	Soil	0.027	0.06	1.27	15.5	26	0.17	0.29	0.02	0.04	21.32	5.6	22	3.37	20.3
7205	Soil	0.032	0.03	2.08	58.1	27	0.30	0.47	0.02	0.12	31.51	12.4	37	2.70	31.8
7206	Soil	0.026	0.02	2.39	20.3	19	0.24	0.38	0.02	0.06	25.31	9.3	40	2.41	26.2
7207	Soil	0.030	0.03	2.84	8.3	22	0.20	0.30	0.01	0.07	18.79	9.8	46	3.11	24.5
7208	Soil	0.025	0.04	2.78	15.4	26	0.26	0.55	0.02	0.10	22.95	11.1	46	4.46	41.9
7209	Soil	0.027	0.03	2.75	28.3	14	0.46	0.62	0.03	0.06	34.93	37.7	49	4.72	58.8
7210	Soil	0.024	0.05	1.76	15.1	15	0.21	0.58	0.03	0.04	12.83	7.3	27	2.32	23.0
7211	Soil	0.025	0.06	2.29	13.7	17	0.32	0.46	0.02	0.08	13.52	14.5	39	3.49	42.9
7212	Soil	0.023	0.07	2.37	21.0	18	0.67	0.47	0.06	0.05	18.19	39.0	40	2.82	75.0
7213	Soil	0.027	0.08	2.03	22.8	24	0.55	0.51	0.03	0.18	14.06	13.2	37	4.56	56.0
7214	Soil	0.041	0.20	1.92	186.2	20	0.54	0.45	0.02	0.06	19.28	23.2	33	2.28	58.6
7166	Soil	0.094	0.11	1.29	12.1	36	0.39	0.24	0.08	0.10	7.20	11.1	17	0.54	21.6

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7039	Soil	3.20	2.27	<0.05	0.03	0.02	0.03	13.1	4.3	0.07	493	1.13	<0.01	0.21	36.0
7040	Soil	3.13	2.65	<0.05	0.02	0.02	0.03	16.2	5.4	0.10	387	0.78	<0.01	0.26	31.3
7041	Soil	4.16	5.12	<0.05	0.07	0.02	0.04	8.7	41.7	0.62	861	0.98	0.01	0.13	44.7
7042	Soil	5.06	8.28	0.05	0.19	0.02	0.02	17.5	55.0	0.74	973	0.51	<0.01	0.18	39.1
7043	Soil	4.86	9.10	0.05	0.13	0.02	0.02	15.6	59.0	1.01	855	0.55	<0.01	0.20	40.1
7044	Soil	4.72	8.61	0.05	0.13	0.02	0.02	18.4	58.9	0.95	887	0.49	<0.01	0.13	37.9
7045	Soil	4.68	9.43	0.07	0.12	0.02	0.02	22.3	78.9	1.21	629	0.40	<0.01	0.05	48.3
7046	Soil	4.43	9.28	<0.05	0.08	0.02	0.02	22.2	78.9	1.13	631	0.40	<0.01	<0.05	45.0
7047	Soil	3.47	2.98	<0.05	<0.02	0.03	0.04	12.9	12.4	0.23	618	1.16	0.01	0.09	29.9
7048	Soil	2.78	4.49	<0.05	<0.02	0.02	0.03	15.2	10.9	0.18	293	1.11	<0.01	0.31	21.8
7049	Soil	3.28	6.57	<0.05	<0.02	0.02	0.04	16.5	15.2	0.27	386	0.66	<0.01	0.56	13.9
7050	Soil	2.67	4.80	<0.05	0.04	0.01	0.03	13.7	29.4	0.45	258	0.35	0.02	0.22	20.7
7051	Soil	3.67	6.90	<0.05	0.03	0.02	0.04	20.8	31.6	0.53	449	0.49	0.01	0.48	24.1
7052	Soil	3.39	5.89	<0.05	0.03	0.02	0.03	17.3	24.5	0.42	402	0.48	<0.01	0.23	24.3
7053	Soil	3.37	3.24	<0.05	<0.02	0.02	0.02	16.6	17.2	0.28	553	0.63	0.01	0.16	28.0
7054	Soil	1.96	3.08	<0.05	0.02	0.01	0.03	9.8	13.8	0.20	201	0.49	0.03	0.23	15.0
7055	Soil	2.78	3.74	<0.05	<0.02	0.02	0.03	18.3	5.4	0.08	169	1.01	<0.01	0.39	15.8
7056	Soil	3.67	5.24	<0.05	0.04	0.02	0.02	17.3	23.4	0.35	278	0.71	<0.01	0.52	21.6
7057	Soil	2.74	3.87	<0.05	0.03	0.02	0.03	13.1	26.8	0.37	344	0.61	<0.01	0.21	29.9
7058	Soil	2.27	3.16	<0.05	0.03	0.02	0.02	10.2	18.4	0.25	174	0.54	0.01	0.23	16.5
7059	Soil	3.16	5.52	<0.05	0.04	0.02	0.03	17.5	36.7	0.56	244	0.51	0.01	0.26	25.8
7060	Soil	3.87	5.89	<0.05	0.07	0.03	0.04	15.7	43.9	0.65	621	0.67	<0.01	0.26	31.2
7061	Soil	2.21	4.77	<0.05	0.02	0.01	0.03	13.7	25.8	0.40	175	0.46	0.02	0.22	18.8
7062	Soil	1.52	3.97	<0.05	<0.02	0.01	0.03	11.7	4.0	0.07	99	0.83	0.02	0.18	6.8
7063	Soil	3.05	5.54	<0.05	<0.02	0.02	0.05	16.8	17.4	0.28	356	1.42	0.01	0.45	20.6
7064	Soil	0.77	2.51	<0.05	<0.02	<0.01	0.03	5.8	6.2	0.10	54	0.23	0.04	0.15	5.2
7065	Soil	1.12	3.04	<0.05	<0.02	<0.01	0.03	6.0	4.5	0.08	108	0.53	0.03	0.16	5.5
7066	Soil	1.84	4.37	<0.05	0.03	0.01	0.03	12.0	21.3	0.30	126	0.47	0.02	0.30	14.8
7067	Soil	3.66	5.80	<0.05	0.03	0.02	0.04	17.5	33.7	0.49	440	0.80	<0.01	0.46	29.6
7068	Soil	3.51	6.11	<0.05	<0.02	0.02	0.04	15.5	15.6	0.27	280	0.74	0.01	0.45	17.6
7069	Soil	3.98	5.62	<0.05	0.02	0.02	0.04	16.5	25.2	0.40	432	0.74	0.01	0.61	22.1
7070	Soil	3.92	6.50	<0.05	<0.02	0.02	0.04	15.3	14.3	0.23	479	0.81	0.01	0.50	16.1
7071	Soil	0.84	2.44	<0.05	<0.02	<0.01	0.02	5.2	4.1	0.07	76	0.29	0.03	0.17	4.2
7072	Soil	3.56	1.67	<0.05	<0.02	0.03	0.03	29.6	2.4	0.02	141	0.73	<0.01	<0.05	25.6
7073	Soil	3.53	5.41	<0.05	0.45	0.02	0.03	19.8	26.9	0.36	281	0.69	0.01	0.40	24.0
7074	Soil	4.29	6.71	<0.05	0.10	0.03	0.04	25.9	45.2	0.67	381	0.66	<0.01	0.49	29.6
7075	Soil	2.92	5.69	<0.05	0.05	0.01	0.03	22.4	18.4	0.28	203	0.57	0.01	0.31	15.7
7076	Soil	4.18	6.20	<0.05	0.06	0.02	0.05	29.8	52.2	0.73	395	0.50	<0.01	0.06	37.0
7077	Soil	4.16	6.74	<0.05	0.08	0.02	0.04	30.2	44.5	0.62	319	0.57	<0.01	0.30	27.9
7078	Soil	4.00	6.22	0.06	0.04	0.02	0.04	36.0	49.5	0.71	355	0.49	<0.01	0.10	32.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7079	Soil	4.93	7.22	0.07	0.07	0.03	0.03	32.7	57.0	0.90	558	0.51	<0.01	0.21	41.0
7080	Soil	4.54	7.25	0.06	0.08	0.03	0.07	28.0	53.0	0.69	422	0.63	<0.01	0.24	47.0
7081	Soil	4.37	7.55	0.05	0.04	0.02	0.04	28.8	38.7	0.53	337	0.71	<0.01	0.48	22.9
7082	Soil	3.20	4.78	<0.05	0.06	0.01	0.02	14.1	40.0	0.51	202	0.45	0.02	0.21	26.0
7083	Soil	4.10	5.90	<0.05	0.05	0.03	0.04	24.8	41.4	0.53	337	0.69	<0.01	0.23	35.2
7084	Soil	1.25	2.63	<0.05	0.07	<0.01	0.02	7.4	10.0	0.13	73	0.34	0.03	0.24	6.5
7085	Soil	3.03	6.23	<0.05	0.03	0.02	0.04	26.6	36.1	0.46	470	0.67	0.01	0.45	19.9
7086	Soil	4.16	7.69	0.06	0.03	0.02	0.04	32.0	34.5	0.48	233	0.74	<0.01	0.50	22.6
7087	Soil	3.41	7.26	<0.05	0.04	0.03	0.09	23.3	42.6	0.36	379	1.89	0.02	0.43	25.3
7088	Soil	3.65	5.75	0.06	0.02	0.02	0.06	33.4	43.7	0.65	367	0.46	0.01	0.13	33.0
7089	Soil	3.64	7.40	0.05	<0.02	0.02	0.04	27.3	12.6	0.18	166	0.68	<0.01	0.81	14.3
7090	Soil	4.10	7.93	<0.05	0.03	0.02	0.04	14.0	18.9	0.24	174	0.76	<0.01	0.58	13.5
7091	Soil	3.78	7.08	<0.05	0.04	0.02	0.05	11.3	25.6	0.34	262	1.40	0.01	0.72	21.1
7092	Soil	4.66	8.58	0.05	0.04	0.02	0.04	18.9	27.9	0.35	255	0.92	<0.01	1.00	16.9
7093	Soil	3.50	4.09	<0.05	<0.02	0.02	0.05	18.8	9.5	0.14	443	1.69	0.01	0.33	32.9
7094	Soil	3.45	5.99	0.06	0.03	0.02	0.06	31.6	37.2	0.50	259	0.46	<0.01	0.24	25.4
7095	Soil	3.53	5.27	<0.05	0.03	0.02	0.07	29.6	43.0	0.67	335	0.37	<0.01	0.09	31.6
7096	Soil	3.54	5.12	0.05	0.09	0.02	0.06	25.8	44.3	0.69	491	0.41	0.01	0.48	32.4
7097	Soil	3.31	5.07	<0.05	0.17	0.02	0.08	19.3	41.6	0.64	451	0.49	0.01	0.36	31.7
7098	Soil	3.33	5.02	<0.05	0.07	0.02	0.05	25.0	45.4	0.64	499	0.39	<0.01	0.22	31.0
7099	Soil	3.15	4.62	<0.05	0.12	0.02	0.05	17.0	44.3	0.63	621	0.38	<0.01	0.23	34.0
7100	Soil	3.20	4.89	<0.05	0.12	0.02	0.07	19.2	43.9	0.60	500	0.45	<0.01	0.30	30.2
7101	Soil	3.19	4.86	<0.05	0.15	0.02	0.09	19.4	42.6	0.60	541	0.68	0.01	0.22	32.7
7102	Soil	3.47	5.68	0.05	0.12	0.02	0.10	25.8	48.9	0.66	598	1.31	<0.01	0.17	40.8
7103	Soil	3.53	5.62	0.05	0.05	0.02	0.07	28.8	50.1	0.68	477	0.41	<0.01	0.16	34.7
7104	Soil	3.38	5.45	<0.05	0.13	0.02	0.11	20.2	46.9	0.65	484	1.07	0.01	0.17	36.4
7105	Soil	3.60	5.93	<0.05	0.10	0.02	0.11	25.7	48.4	0.67	672	0.61	0.01	0.16	36.9
7106	Soil	3.38	5.10	<0.05	0.19	0.02	0.10	13.8	48.5	0.65	588	0.52	0.01	0.21	32.3
7107	Soil	3.43	5.68	<0.05	0.54	0.02	0.02	7.8	58.0	0.70	297	0.33	<0.01	0.17	37.3
7108	Soil	3.10	5.05	<0.05	0.29	0.02	0.05	6.8	49.3	0.59	413	0.34	<0.01	0.25	31.8
7109	Soil	3.64	5.60	<0.05	0.18	0.03	0.03	9.8	51.8	0.63	368	0.43	<0.01	0.17	34.4
7110	Soil	3.24	5.98	<0.05	0.16	0.03	0.03	7.3	60.7	0.79	402	0.33	<0.01	0.13	39.4
7111	Soil	3.87	6.73	<0.05	0.04	0.02	0.04	8.2	18.8	0.33	939	2.25	<0.01	0.54	23.0
7112	Soil	3.35	4.08	<0.05	0.07	0.03	0.02	7.6	19.5	0.34	467	1.36	<0.01	0.27	22.2
7113	Soil	3.21	3.41	<0.05	0.11	0.05	0.02	11.9	23.7	0.34	757	1.00	<0.01	0.41	27.3
7114	Soil	2.81	6.80	<0.05	<0.02	0.02	0.04	10.6	13.2	0.29	279	1.85	<0.01	0.53	15.6
7115	Soil	4.12	8.56	<0.05	<0.02	0.02	0.04	8.3	12.8	0.22	424	1.54	0.01	0.69	15.8
7116	Soil	1.92	5.18	<0.05	0.04	0.01	0.02	7.5	5.4	0.09	431	1.02	<0.01	0.31	7.9
7117	Soil	2.09	4.97	<0.05	<0.02	0.01	0.03	6.5	4.2	0.08	522	2.15	0.02	0.50	13.9
7118	Soil	2.08	3.71	<0.05	0.04	0.01	0.04	5.8	11.0	0.20	894	1.45	0.01	0.19	16.5

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7119	Soil	2.38	4.81	<0.05	<0.02	0.02	0.04	7.4	14.0	0.26	562	0.93	0.01	0.40	14.0
7120	Soil	2.89	4.77	<0.05	0.04	0.02	0.03	6.9	31.7	0.52	448	0.80	<0.01	0.26	24.9
7121	Soil	1.25	2.73	<0.05	<0.02	<0.01	0.02	4.2	9.0	0.17	208	0.48	0.02	0.14	8.6
7122	Soil	1.37	3.83	<0.05	<0.02	<0.01	0.03	5.3	2.5	0.06	541	0.86	0.02	0.15	6.5
7123	Soil	3.45	6.11	<0.05	<0.02	0.02	0.03	9.7	24.4	0.48	598	0.84	<0.01	0.52	19.1
7124	Soil	1.55	3.44	<0.05	0.03	<0.01	0.02	3.3	10.4	0.18	1209	0.57	0.02	0.16	8.9
7125	Soil	0.17	0.95	<0.05	<0.02	<0.01	0.02	0.4	0.2	0.01	33	0.15	0.03	0.08	0.4
7126	Soil	4.03	7.14	<0.05	0.03	0.02	0.03	8.4	32.4	0.59	598	1.50	<0.01	0.73	29.6
7127	Soil	3.94	6.85	<0.05	0.06	0.02	0.03	5.3	21.0	0.41	1265	1.10	0.01	0.41	19.5
7128	Soil	4.34	7.02	0.05	0.07	0.02	0.03	8.0	40.6	0.75	614	0.65	<0.01	0.55	31.9
7129	Soil	0.92	3.39	<0.05	<0.02	<0.01	0.02	3.5	3.4	0.07	134	0.40	0.03	0.18	3.6
7130	Soil	4.06	6.85	<0.05	0.03	0.02	0.04	8.6	31.8	0.57	510	0.79	<0.01	0.56	24.7
7131	Soil	2.14	4.90	<0.05	<0.02	0.01	0.03	7.1	10.2	0.20	669	0.80	0.02	0.45	10.3
7132	Soil	3.09	5.90	<0.05	0.02	0.02	0.04	8.3	22.6	0.40	537	1.09	<0.01	0.42	20.5
7133	Soil	3.31	6.69	<0.05	<0.02	0.02	0.03	7.9	18.0	0.35	511	2.07	<0.01	0.72	23.1
7134	Soil	2.73	4.36	<0.05	0.10	0.01	0.01	5.8	26.6	0.45	227	0.46	<0.01	0.24	20.9
7135	Soil	2.14	4.04	<0.05	0.02	0.01	0.05	4.0	8.5	0.16	1722	0.96	<0.01	0.23	12.2
7136	Soil	2.22	4.58	<0.05	0.03	0.01	0.02	8.2	22.6	0.38	224	0.85	0.01	0.27	19.3
7137	Soil	2.83	4.39	<0.05	0.11	0.02	0.02	7.0	38.0	0.62	583	0.58	0.01	0.20	29.6
7138	Soil	4.70	8.54	0.06	0.16	0.03	0.02	13.2	73.6	1.23	1025	0.81	<0.01	<0.05	50.6
7139	Soil	3.82	7.72	0.05	0.21	0.03	0.03	5.6	56.1	0.88	747	0.78	0.01	0.22	38.4
7140	Soil	0.69	1.92	<0.05	0.03	<0.01	0.02	2.6	4.4	0.07	58	0.25	0.03	0.20	3.7
7141	Soil	3.69	5.55	<0.05	0.46	0.02	0.03	12.3	38.0	0.51	473	0.77	<0.01	0.38	29.2
7142	Soil	2.26	4.13	<0.05	0.16	0.02	0.03	9.0	10.8	0.17	403	0.79	0.01	0.27	14.3
7143	Soil	2.35	4.52	<0.05	0.08	0.02	0.03	12.6	29.1	0.42	233	0.49	0.02	0.34	21.1
7144	Soil	4.12	5.27	<0.05	0.04	0.03	0.04	13.1	22.6	0.40	752	1.31	<0.01	0.51	27.9
7145	Soil	3.48	6.76	<0.05	0.04	0.02	0.05	13.8	40.3	0.67	419	1.04	0.01	0.58	29.9
7146	Soil	4.07	7.24	0.06	0.04	0.02	0.05	12.2	47.5	0.80	548	1.14	<0.01	0.61	35.8
7147	Soil	3.07	5.74	<0.05	0.06	0.02	0.04	6.4	19.3	0.34	570	1.70	0.02	0.48	20.2
7148	Soil	3.71	7.46	<0.05	0.04	0.02	0.04	7.9	18.9	0.32	849	1.93	0.01	0.71	21.1
7149	Soil	2.90	5.78	<0.05	0.02	0.02	0.05	11.3	28.5	0.50	336	0.91	0.01	0.53	21.4
7150	Soil	3.66	6.37	0.05	0.05	0.02	0.05	14.8	43.4	0.67	554	0.96	<0.01	0.52	31.3
7151	Soil	3.37	6.14	0.06	0.02	0.02	0.05	18.6	35.1	0.61	487	0.79	0.01	0.50	28.2
7152	Soil	2.31	4.59	<0.05	0.07	0.01	0.03	11.2	26.3	0.42	265	0.63	0.02	0.31	19.3
7153	Soil	3.44	5.67	0.05	0.04	0.02	0.04	13.1	35.3	0.56	400	0.85	<0.01	0.49	26.7
7154	Soil	2.66	5.14	<0.05	0.04	0.02	0.03	9.8	25.7	0.43	360	0.63	0.01	0.36	19.9
7155	Soil	2.23	3.95	<0.05	0.03	0.01	0.03	8.9	16.8	0.27	476	0.53	0.02	0.27	14.5
7156	Soil	1.94	4.63	<0.05	0.03	0.01	0.03	9.1	16.0	0.27	260	0.55	0.02	0.34	12.5
7157	Soil	2.10	3.79	<0.05	0.06	0.01	0.02	6.4	17.1	0.29	318	0.47	0.02	0.32	16.9
7158	Soil	3.21	5.70	<0.05	0.04	0.02	0.05	7.8	25.9	0.40	1188	1.05	<0.01	0.37	24.1

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7159	Soil	2.22	4.46	<0.05	0.03	0.02	0.04	8.8	15.7	0.27	433	0.60	0.01	0.32	15.1
7160	Soil	2.19	4.01	<0.05	0.06	0.01	0.03	9.1	19.1	0.37	761	0.40	0.02	0.16	18.3
7161	Soil	3.39	5.25	0.06	0.06	0.02	0.03	11.3	34.7	0.61	744	0.66	<0.01	<0.05	39.8
7162	Soil	3.19	5.12	0.05	0.07	0.02	0.03	9.6	38.6	0.62	680	0.47	<0.01	0.09	34.3
7163	Soil	3.17	4.85	<0.05	0.11	0.02	0.03	7.2	31.3	0.57	848	0.46	<0.01	0.14	27.0
7164	Soil	2.69	4.13	0.05	0.07	0.06	0.02	16.1	30.5	0.55	1654	0.58	<0.01	0.17	31.0
7165	Soil	3.42	6.08	<0.05	0.20	0.02	0.03	7.8	40.2	0.59	688	0.86	<0.01	0.21	34.8
7167	Soil	1.61	3.12	<0.05	0.02	<0.01	0.03	5.8	13.2	0.23	208	0.82	0.02	0.27	13.8
7168	Soil	3.79	6.04	0.07	0.08	0.02	0.03	14.8	35.9	0.57	548	0.92	<0.01	0.21	28.0
7169	Soil	2.68	3.85	<0.05	0.10	0.03	0.03	14.9	25.8	0.49	885	1.86	0.01	0.08	30.4
7170	Soil	2.91	4.60	<0.05	0.12	0.01	0.02	10.7	38.8	0.64	713	0.68	0.01	0.20	33.3
7171	Soil	3.23	6.63	<0.05	0.08	0.02	0.03	8.2	37.4	0.61	563	0.86	0.02	0.37	27.6
7172	Soil	3.98	9.02	0.05	0.19	0.02	0.02	6.0	38.0	0.68	871	0.65	<0.01	0.45	28.3
7173	Soil	2.63	6.95	<0.05	0.07	0.01	0.02	8.2	22.4	0.36	836	0.89	0.02	0.32	15.8
7174	Soil	2.93	6.42	0.06	0.10	0.01	0.02	7.8	32.6	0.48	1025	0.90	0.02	0.36	21.1
7175	Soil	4.47	8.82	0.08	0.11	0.02	0.01	5.9	80.3	1.09	790	0.73	<0.01	0.05	52.4
7176	Soil	3.56	6.55	<0.05	0.66	0.01	0.03	8.5	54.0	0.75	754	0.91	0.01	0.28	31.3
7177	Soil	3.58	6.32	0.05	0.23	0.01	0.03	8.8	61.9	0.90	564	0.61	<0.01	0.08	43.9
7178	Soil	2.52	4.64	<0.05	0.23	0.01	0.04	6.4	36.8	0.60	474	1.23	0.01	0.21	29.0
7179	Soil	2.61	4.99	<0.05	0.23	0.01	0.04	5.9	36.2	0.59	591	2.25	0.01	0.22	34.3
7180	Soil	3.16	5.28	<0.05	0.31	0.02	0.04	9.2	50.4	0.75	501	1.10	<0.01	0.10	35.8
7181	Soil	3.11	4.97	<0.05	0.29	0.02	0.04	5.9	37.6	0.59	504	1.40	<0.01	0.09	31.7
7182	Soil	1.93	4.43	<0.05	0.25	0.02	0.03	6.2	25.3	0.39	125	0.96	0.01	0.31	18.7
7183	Soil	4.13	7.68	<0.05	0.25	0.02	0.02	7.8	55.4	0.83	897	0.75	<0.01	0.15	34.1
7184	Soil	3.12	5.74	<0.05	0.06	0.02	0.02	8.0	24.6	0.37	2547	1.38	0.01	0.18	16.7
7185	Soil	4.19	8.30	0.07	0.26	0.02	0.02	14.3	65.9	0.90	1963	0.93	<0.01	0.16	38.1
7186	Soil	1.54	3.94	<0.05	0.05	0.01	0.03	5.8	20.8	0.34	1135	1.18	0.03	0.11	16.9
7187	Soil	2.47	4.65	<0.05	0.08	0.02	0.04	6.1	17.6	0.28	1235	1.85	0.02	0.12	27.6
7188	Soil	4.00	6.69	<0.05	0.16	0.02	0.03	6.7	49.9	0.73	1039	1.14	0.01	0.17	38.7
7189	Soil	2.11	4.51	<0.05	0.06	0.01	0.02	4.8	24.1	0.37	532	0.44	0.02	0.13	18.6
7190	Soil	3.40	6.05	0.06	0.14	0.02	0.02	8.7	48.5	0.74	834	0.76	0.01	0.13	34.9
7191	Soil	2.72	3.23	<0.05	0.04	0.02	0.02	11.1	13.2	0.21	430	0.68	0.01	0.19	24.2
7192	Soil	3.21	4.55	<0.05	0.04	0.02	0.02	11.4	22.9	0.38	632	0.91	0.01	0.33	25.9
7193	Soil	3.94	5.87	0.06	<0.02	0.02	0.03	16.8	22.7	0.37	657	1.28	<0.01	0.37	26.1
7194	Soil	3.76	6.26	0.07	0.05	0.02	0.04	11.8	41.3	0.61	1191	2.09	0.01	0.38	39.2
7195	Soil	2.14	4.34	0.06	0.08	<0.01	0.02	6.9	36.2	0.56	741	0.73	0.02	0.19	19.1
7196	Soil	2.01	4.84	<0.05	0.03	0.01	0.03	10.1	20.2	0.31	588	0.91	0.02	0.27	15.3
7197	Soil	4.21	6.81	0.07	0.09	0.02	0.03	18.0	62.4	0.94	902	0.85	<0.01	0.38	42.1
7198	Soil	4.12	7.04	0.08	0.09	0.02	0.02	23.6	74.4	1.00	897	0.91	<0.01	0.33	47.9
7199	Soil	4.03	7.04	0.08	0.09	0.02	0.02	16.5	68.8	0.95	732	0.65	<0.01	0.31	40.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7200	Soil	1.61	3.72	<0.05	0.06	<0.01	0.02	7.6	23.6	0.35	218	0.53	0.02	0.20	14.9
7201	Soil	4.17	7.57	0.08	0.11	0.02	0.02	17.8	68.5	0.92	795	0.73	<0.01	0.47	43.6
7202	Soil	2.24	5.09	<0.05	0.06	0.01	0.03	8.0	32.5	0.47	413	0.76	0.01	0.24	24.5
7203	Soil	4.21	8.57	0.10	0.05	0.02	0.02	28.1	87.7	1.08	977	0.86	<0.01	<0.05	49.8
7204	Soil	2.22	5.53	<0.05	0.06	0.01	0.03	10.7	25.6	0.37	348	0.55	0.02	0.38	16.2
7205	Soil	4.17	7.92	0.07	0.06	0.02	0.03	15.3	49.2	0.74	608	0.98	<0.01	0.48	35.2
7206	Soil	4.35	8.30	0.07	0.13	0.02	0.02	11.5	63.5	0.94	536	0.49	<0.01	0.34	40.0
7207	Soil	4.88	10.17	0.08	0.21	0.02	0.02	7.5	78.9	1.06	563	0.55	<0.01	0.19	46.3
7208	Soil	5.04	9.44	0.08	0.12	0.03	0.02	9.4	75.7	1.06	574	0.77	<0.01	0.44	46.1
7209	Soil	5.05	10.29	0.11	0.11	0.03	0.02	13.9	98.2	1.20	723	0.85	<0.01	0.07	57.0
7210	Soil	3.05	5.83	<0.05	0.71	0.02	0.01	5.6	52.6	0.71	384	0.31	0.01	0.17	30.3
7211	Soil	4.24	8.02	0.06	0.32	0.03	0.02	5.8	68.6	0.94	630	0.75	<0.01	0.15	39.3
7212	Soil	4.70	8.25	0.07	0.10	0.03	0.01	7.1	77.1	1.02	778	0.46	<0.01	<0.05	51.8
7213	Soil	4.01	7.11	0.05	0.23	0.03	0.02	5.5	55.1	0.79	465	1.12	0.01	0.17	37.1
7214	Soil	4.76	6.74	0.07	0.07	0.03	0.01	7.9	57.5	0.83	656	0.43	<0.01	<0.05	47.8
7166	Soil	2.31	4.12	<0.05	0.20	0.01	0.03	3.6	22.0	0.34	879	0.69	0.02	0.32	16.1

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7039	Soil	309	55.9	4.6	<0.01	0.02	1.94	1.4	<0.2	0.2	7.9	<0.01	0.08	6.1	<0.005
7040	Soil	771	35.3	5.2	<0.01	0.01	1.81	1.3	0.4	0.2	21.7	<0.01	0.08	6.6	<0.005
7041	Soil	393	48.3	4.0	<0.01	0.02	1.57	1.5	0.2	<0.2	7.2	<0.01	0.08	9.2	<0.005
7042	Soil	659	42.9	3.2	<0.01	<0.01	0.94	1.8	0.3	<0.2	9.1	<0.01	0.08	6.1	<0.005
7043	Soil	530	28.8	3.7	<0.01	0.02	0.72	1.8	0.3	<0.2	7.7	<0.01	0.07	6.5	<0.005
7044	Soil	514	33.0	3.3	<0.01	0.02	0.64	1.4	0.3	<0.2	6.1	<0.01	0.08	6.6	<0.005
7045	Soil	229	20.1	3.8	<0.01	<0.01	0.35	2.2	<0.2	<0.2	7.8	<0.01	0.05	9.4	<0.005
7046	Soil	253	23.8	3.9	<0.01	<0.01	0.38	1.9	<0.2	<0.2	6.1	<0.01	0.06	9.1	<0.005
7047	Soil	311	71.9	3.8	<0.01	0.02	2.91	1.3	0.3	0.2	18.7	<0.01	0.12	4.2	<0.005
7048	Soil	322	32.2	3.0	<0.01	0.02	1.49	0.8	0.3	0.3	8.0	<0.01	0.06	2.0	<0.005
7049	Soil	483	15.2	5.5	<0.01	0.02	0.64	0.4	0.3	0.4	4.9	<0.01	0.06	0.7	0.006
7050	Soil	270	12.3	4.1	<0.01	0.01	0.58	0.7	0.2	<0.2	3.6	<0.01	0.04	2.1	<0.005
7051	Soil	299	17.1	5.9	<0.01	0.02	0.72	1.0	0.3	0.3	5.6	<0.01	0.07	3.7	<0.005
7052	Soil	482	20.0	6.5	<0.01	0.02	0.79	0.8	0.2	0.2	6.3	<0.01	0.06	2.9	<0.005
7053	Soil	338	39.3	3.3	<0.01	0.01	1.60	1.2	<0.2	<0.2	11.1	<0.01	0.08	6.2	<0.005
7054	Soil	237	21.7	2.9	<0.01	0.02	0.97	0.5	0.3	<0.2	6.4	<0.01	0.06	0.6	0.007
7055	Soil	255	36.2	4.2	<0.01	0.02	2.50	0.8	0.3	0.3	12.4	<0.01	0.12	3.0	<0.005
7056	Soil	283	24.5	4.6	<0.01	0.02	1.51	1.1	0.3	0.2	6.6	<0.01	0.10	5.1	<0.005
7057	Soil	343	33.1	4.8	<0.01	0.02	1.54	1.1	0.3	0.2	13.8	<0.01	0.08	3.0	<0.005
7058	Soil	320	35.9	3.9	<0.01	0.03	1.60	0.7	<0.2	<0.2	17.7	<0.01	0.06	2.4	<0.005
7059	Soil	329	14.6	4.8	<0.01	0.02	0.97	1.0	<0.2	0.2	6.7	<0.01	0.06	3.8	<0.005
7060	Soil	486	26.2	5.4	<0.01	0.03	1.05	1.4	0.3	0.2	11.3	<0.01	0.06	4.4	<0.005
7061	Soil	377	16.7	5.8	<0.01	0.02	0.58	0.5	0.2	0.2	7.8	<0.01	0.03	0.9	0.005
7062	Soil	459	12.1	4.0	<0.01	0.03	1.10	0.2	<0.2	0.3	4.9	<0.01	0.06	0.2	<0.005
7063	Soil	491	26.3	8.0	<0.01	0.04	1.32	0.4	0.4	0.4	6.8	<0.01	0.10	0.5	0.006
7064	Soil	274	5.8	2.2	<0.01	0.02	0.28	0.2	<0.2	<0.2	6.0	<0.01	<0.01	<0.2	0.011
7065	Soil	374	8.1	4.5	<0.01	0.04	0.74	0.2	<0.2	0.2	4.1	<0.01	0.02	<0.2	0.005
7066	Soil	403	13.5	5.6	<0.01	0.02	0.50	0.6	0.4	0.2	6.7	<0.01	0.05	1.0	0.006
7067	Soil	421	23.9	6.0	<0.01	0.03	1.16	1.0	0.4	0.3	6.4	<0.01	0.09	3.1	0.008
7068	Soil	599	17.3	6.2	<0.01	0.03	0.88	0.5	0.4	0.3	6.7	<0.01	0.09	1.2	0.005
7069	Soil	495	17.8	5.3	<0.01	0.02	0.89	1.1	0.3	0.3	4.1	<0.01	0.08	5.1	0.007
7070	Soil	734	21.6	6.4	<0.01	0.04	0.89	0.6	0.3	0.3	4.0	<0.01	0.09	1.7	0.005
7071	Soil	259	8.1	2.4	<0.01	0.03	0.24	0.2	<0.2	<0.2	4.1	<0.01	<0.01	<0.2	0.006
7072	Soil	144	29.6	4.1	<0.01	0.01	5.67	1.4	0.4	<0.2	16.3	<0.01	0.18	9.7	<0.005
7073	Soil	347	16.9	6.3	<0.01	0.02	1.92	1.1	0.2	0.2	7.5	<0.01	0.11	3.9	0.005
7074	Soil	308	20.1	5.4	<0.01	0.01	1.00	1.4	0.2	0.3	4.8	<0.01	0.09	9.4	0.005
7075	Soil	312	14.7	5.4	<0.01	0.01	1.27	0.8	<0.2	0.2	4.8	<0.01	0.09	4.1	<0.005
7076	Soil	213	30.1	5.2	<0.01	<0.01	1.07	1.8	0.3	<0.2	6.4	<0.01	0.09	14.0	<0.005
7077	Soil	263	19.9	6.4	<0.01	0.01	0.83	1.6	<0.2	0.2	5.6	<0.01	0.10	13.1	<0.005
7078	Soil	194	24.3	5.3	<0.01	<0.01	1.01	1.6	<0.2	<0.2	5.1	<0.01	0.09	12.5	<0.005

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7079	Soil	269	26.5	4.6	<0.01	<0.01	0.94	2.0	0.4	<0.2	5.7	<0.01	0.11	13.7	<0.005
7080	Soil	305	27.4	8.0	<0.01	0.01	0.82	1.9	0.3	0.2	5.0	<0.01	0.11	14.5	<0.005
7081	Soil	347	19.0	8.0	<0.01	0.01	1.06	1.3	<0.2	0.3	5.5	<0.01	0.08	11.2	<0.005
7082	Soil	190	20.4	3.4	<0.01	0.01	0.63	1.0	0.2	<0.2	3.8	<0.01	0.08	8.1	<0.005
7083	Soil	334	30.1	5.3	<0.01	0.02	1.74	1.5	0.4	<0.2	6.9	<0.01	0.12	10.8	<0.005
7084	Soil	194	10.6	2.8	<0.01	0.01	0.50	0.3	<0.2	<0.2	5.1	<0.01	0.04	0.5	0.007
7085	Soil	335	20.4	8.0	<0.01	0.01	0.90	1.2	<0.2	0.3	6.5	<0.01	0.06	5.5	<0.005
7086	Soil	399	19.4	6.9	<0.01	0.01	1.28	1.4	0.4	0.3	5.7	<0.01	0.10	10.5	<0.005
7087	Soil	473	55.0	12.4	<0.01	0.01	1.07	1.5	0.3	0.5	16.1	<0.01	0.11	4.8	<0.005
7088	Soil	232	21.8	6.0	<0.01	<0.01	0.93	1.5	0.3	<0.2	6.5	<0.01	0.06	10.3	<0.005
7089	Soil	480	19.6	8.7	<0.01	0.01	1.40	1.2	0.2	0.5	8.2	<0.01	0.07	8.9	0.005
7090	Soil	808	19.7	7.0	<0.01	0.02	1.44	0.8	<0.2	0.4	7.9	<0.01	0.06	3.9	<0.005
7091	Soil	809	22.2	5.9	<0.01	0.03	0.99	1.0	0.2	0.3	8.4	0.01	0.07	3.8	0.007
7092	Soil	486	20.0	8.2	<0.01	0.01	1.01	1.3	0.4	0.5	6.6	<0.01	0.06	10.0	0.006
7093	Soil	677	32.9	6.8	<0.01	0.03	0.92	0.8	<0.2	0.3	9.8	<0.01	0.04	4.2	<0.005
7094	Soil	201	16.7	6.8	<0.01	<0.01	0.75	1.4	<0.2	0.2	6.3	<0.01	0.05	10.1	<0.005
7095	Soil	197	18.9	4.8	<0.01	<0.01	0.70	1.5	<0.2	<0.2	11.4	<0.01	0.04	10.1	<0.005
7096	Soil	450	22.4	6.3	<0.01	<0.01	0.80	2.3	<0.2	<0.2	30.5	<0.01	0.07	11.1	0.006
7097	Soil	479	24.8	5.4	<0.01	0.02	0.83	2.3	<0.2	<0.2	51.5	<0.01	0.06	10.0	<0.005
7098	Soil	302	21.5	4.0	<0.01	<0.01	0.68	1.9	<0.2	<0.2	22.0	<0.01	0.04	10.7	<0.005
7099	Soil	437	22.3	3.1	<0.01	<0.01	0.79	2.2	<0.2	<0.2	43.3	<0.01	0.08	9.2	<0.005
7100	Soil	354	23.3	4.7	<0.01	<0.01	0.87	2.0	<0.2	<0.2	31.3	<0.01	0.06	9.5	<0.005
7101	Soil	443	22.8	4.9	<0.01	0.01	0.85	2.2	0.2	<0.2	41.0	<0.01	0.07	9.6	<0.005
7102	Soil	385	24.7	5.5	<0.01	<0.01	0.87	2.5	0.2	<0.2	31.9	<0.01	0.07	12.0	<0.005
7103	Soil	394	22.6	4.5	<0.01	<0.01	0.80	1.9	<0.2	<0.2	14.7	<0.01	0.06	11.4	<0.005
7104	Soil	316	23.4	6.4	<0.01	0.02	0.86	2.1	0.4	<0.2	43.0	<0.01	0.07	9.5	<0.005
7105	Soil	334	25.5	5.9	<0.01	<0.01	0.93	2.6	0.3	<0.2	34.6	<0.01	0.07	12.4	<0.005
7106	Soil	501	23.6	5.2	<0.01	0.05	0.72	2.1	0.6	<0.2	76.4	<0.01	0.04	8.4	<0.005
7107	Soil	268	21.7	2.1	<0.01	0.01	0.51	2.2	0.3	<0.2	12.7	<0.01	0.05	7.0	<0.005
7108	Soil	458	24.7	4.0	<0.01	0.03	0.61	2.0	0.7	<0.2	43.2	<0.01	0.05	5.2	<0.005
7109	Soil	316	34.1	3.6	<0.01	0.02	0.77	2.3	0.4	<0.2	17.8	<0.01	0.09	7.8	<0.005
7110	Soil	378	27.8	2.3	<0.01	0.09	0.64	2.4	0.5	<0.2	13.8	<0.01	0.06	7.3	<0.005
7111	Soil	936	20.2	4.6	<0.01	0.07	0.76	0.4	0.5	0.4	5.1	<0.01	0.07	0.5	0.007
7112	Soil	753	19.9	2.6	<0.01	0.05	1.23	1.0	0.4	<0.2	7.0	<0.01	0.05	1.1	<0.005
7113	Soil	1014	25.4	3.2	<0.01	0.06	1.15	1.6	0.3	0.2	13.9	<0.01	0.04	2.0	0.008
7114	Soil	761	16.1	5.8	<0.01	0.05	0.83	0.4	0.3	0.8	5.8	<0.01	0.06	0.2	0.007
7115	Soil	803	12.7	5.5	<0.01	0.08	0.76	0.3	0.5	0.6	4.7	<0.01	0.07	0.3	0.009
7116	Soil	681	9.0	4.1	<0.01	0.04	0.72	0.3	0.3	0.5	4.3	0.01	0.07	0.5	<0.005
7117	Soil	578	9.8	5.4	<0.01	0.06	0.67	0.2	0.3	0.6	4.9	<0.01	0.04	<0.2	0.006
7118	Soil	939	14.0	5.1	<0.01	0.07	0.60	0.2	<0.2	0.3	6.6	<0.01	0.04	<0.2	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7119	Soil	580	17.2	5.7	<0.01	0.06	0.61	0.3	0.4	0.4	5.1	<0.01	0.06	0.2	0.008
7120	Soil	651	22.6	3.9	<0.01	0.03	0.61	0.5	0.3	0.3	4.8	<0.01	0.04	1.1	0.006
7121	Soil	430	6.5	2.7	<0.01	0.03	0.31	0.2	0.2	<0.2	3.3	<0.01	0.02	<0.2	<0.005
7122	Soil	751	8.0	3.1	<0.01	0.06	0.36	0.1	<0.2	0.3	4.5	<0.01	0.04	<0.2	<0.005
7123	Soil	694	14.0	3.9	<0.01	0.05	0.55	0.5	0.5	0.4	5.0	<0.01	0.05	0.5	0.007
7124	Soil	605	9.3	2.7	<0.01	0.05	0.26	0.2	0.5	<0.2	4.4	<0.01	0.02	0.2	<0.005
7125	Soil	227	1.0	0.7	<0.01	0.03	<0.05	<0.1	<0.2	<0.2	5.6	<0.01	<0.01	<0.2	<0.005
7126	Soil	766	18.2	3.7	<0.01	0.05	0.67	0.8	0.6	0.4	5.6	<0.01	0.07	1.0	0.009
7127	Soil	1387	36.5	5.6	<0.01	0.09	0.57	0.5	0.5	0.3	4.1	<0.01	0.08	0.8	0.006
7128	Soil	787	20.1	3.6	<0.01	0.05	0.77	1.0	0.5	0.3	5.0	0.01	0.08	1.8	0.009
7129	Soil	368	3.5	2.2	<0.01	0.04	0.17	0.1	0.3	0.2	3.6	<0.01	0.02	<0.2	0.007
7130	Soil	881	19.7	5.4	<0.01	0.06	0.69	0.6	0.4	0.4	4.9	<0.01	0.06	0.7	0.008
7131	Soil	687	14.3	4.4	<0.01	0.06	0.48	0.2	0.4	0.4	3.9	<0.01	0.06	<0.2	0.007
7132	Soil	782	20.3	4.5	<0.01	0.06	0.61	0.4	0.4	0.3	4.3	<0.01	0.08	0.6	0.007
7133	Soil	769	21.2	4.9	<0.01	0.06	0.77	0.4	0.5	0.6	5.0	<0.01	0.08	0.4	0.009
7134	Soil	550	14.6	2.6	<0.01	0.03	0.57	0.6	0.2	<0.2	2.9	<0.01	0.04	2.8	<0.005
7135	Soil	1262	18.5	4.4	<0.01	0.10	0.49	0.2	0.4	0.2	6.9	<0.01	0.07	0.2	<0.005
7136	Soil	472	14.4	3.2	<0.01	0.03	0.50	0.5	<0.2	0.2	6.0	<0.01	0.04	0.9	0.006
7137	Soil	625	16.1	2.4	<0.01	0.03	0.87	1.1	0.4	<0.2	6.0	<0.01	0.05	2.5	<0.005
7138	Soil	320	47.3	2.0	<0.01	0.01	0.79	2.1	0.2	<0.2	2.8	<0.01	0.12	7.1	<0.005
7139	Soil	663	44.9	3.0	<0.01	0.04	0.83	1.7	<0.2	<0.2	8.0	<0.01	0.11	5.0	<0.005
7140	Soil	511	12.0	1.6	<0.01	0.04	0.14	0.1	<0.2	<0.2	4.6	<0.01	<0.01	<0.2	0.005
7141	Soil	757	27.6	4.0	<0.01	0.04	0.95	1.0	0.3	0.3	8.4	<0.01	0.10	2.2	0.007
7142	Soil	670	18.2	5.4	<0.01	0.05	0.63	0.3	<0.2	0.4	6.3	<0.01	0.05	0.4	<0.005
7143	Soil	460	19.4	4.2	<0.01	0.03	0.50	0.7	0.2	0.3	8.8	<0.01	0.04	0.9	0.010
7144	Soil	824	45.7	5.2	<0.01	0.05	1.64	0.7	0.3	0.4	6.8	<0.01	0.06	0.8	0.010
7145	Soil	701	25.2	7.8	<0.01	0.03	0.67	1.4	0.4	0.4	8.4	<0.01	0.06	3.2	0.018
7146	Soil	924	21.6	6.4	<0.01	0.03	0.62	1.3	0.4	0.5	10.6	<0.01	0.06	2.6	0.022
7147	Soil	1032	12.4	4.4	<0.01	0.08	0.36	0.3	0.4	0.3	6.9	<0.01	0.05	0.5	0.007
7148	Soil	1203	16.3	6.3	<0.01	0.10	0.65	0.4	0.7	0.5	6.9	<0.01	0.09	0.7	0.008
7149	Soil	616	21.9	7.0	<0.01	0.04	0.59	0.7	0.5	0.5	10.0	<0.01	0.05	1.0	0.013
7150	Soil	580	25.8	6.9	<0.01	0.04	0.65	0.9	0.4	0.3	7.9	<0.01	0.07	2.1	0.011
7151	Soil	649	30.6	7.7	<0.01	0.02	0.67	1.5	0.4	0.4	11.4	<0.01	0.05	4.1	0.019
7152	Soil	544	18.9	4.8	<0.01	0.03	0.46	0.6	<0.2	0.2	7.0	<0.01	0.03	1.0	0.010
7153	Soil	658	26.7	5.1	<0.01	0.05	0.65	0.6	0.3	0.3	7.1	<0.01	0.04	1.1	0.010
7154	Soil	500	25.6	4.3	<0.01	0.04	0.53	0.5	0.4	0.3	5.2	<0.01	0.04	1.2	0.007
7155	Soil	547	21.7	4.1	<0.01	0.04	0.52	0.3	0.2	0.2	6.6	<0.01	0.04	0.5	0.008
7156	Soil	494	15.2	4.5	<0.01	0.04	0.48	0.4	<0.2	0.3	5.8	<0.01	0.03	0.5	0.010
7157	Soil	525	18.7	3.4	<0.01	0.04	0.50	0.5	<0.2	<0.2	7.1	<0.01	0.03	1.1	0.008
7158	Soil	970	33.3	5.1	<0.01	0.07	0.72	0.6	0.3	0.3	10.8	<0.01	0.06	1.2	0.006

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7159	Soil	638	26.5	4.6	<0.01	0.05	0.80	0.4	0.3	0.3	6.4	<0.01	0.04	0.7	0.005
7160	Soil	502	32.1	3.5	<0.01	0.04	0.65	0.7	<0.2	<0.2	7.3	<0.01	0.04	2.1	0.005
7161	Soil	421	41.1	2.9	<0.01	0.02	1.40	1.2	<0.2	<0.2	12.6	<0.01	0.04	7.1	<0.005
7162	Soil	420	51.0	3.0	<0.01	0.02	0.87	1.1	<0.2	<0.2	10.6	<0.01	0.06	6.2	<0.005
7163	Soil	555	34.3	3.2	<0.01	0.04	0.75	0.9	<0.2	<0.2	7.1	<0.01	0.03	5.3	<0.005
7164	Soil	326	24.8	3.0	<0.01	0.01	0.91	1.6	0.3	<0.2	14.8	<0.01	0.04	10.9	<0.005
7165	Soil	692	60.1	4.7	<0.01	0.04	1.04	1.1	0.4	<0.2	5.8	<0.01	0.05	7.2	<0.005
7167	Soil	451	12.9	3.5	<0.01	0.05	0.52	0.3	0.2	<0.2	10.4	<0.01	0.04	0.4	0.006
7168	Soil	567	17.8	5.3	<0.01	0.02	0.94	1.2	0.3	0.2	3.7	<0.01	0.04	6.2	<0.005
7169	Soil	567	19.6	5.1	<0.01	0.02	2.42	2.4	0.5	<0.2	7.6	<0.01	0.07	2.9	<0.005
7170	Soil	836	13.5	2.9	<0.01	0.04	0.51	1.3	<0.2	<0.2	5.7	<0.01	0.07	3.0	<0.005
7171	Soil	764	25.0	3.6	<0.01	0.04	0.85	0.9	<0.2	0.2	4.8	<0.01	0.07	1.6	0.006
7172	Soil	1028	25.9	4.9	<0.01	0.05	0.73	1.4	0.3	0.2	4.3	0.01	0.05	3.7	0.005
7173	Soil	831	12.1	3.5	<0.01	0.05	0.43	0.5	0.5	0.2	3.6	<0.01	0.06	0.9	0.005
7174	Soil	781	17.2	2.6	<0.01	0.06	0.29	0.6	0.3	<0.2	4.3	<0.01	0.07	0.9	0.007
7175	Soil	275	26.8	2.4	<0.01	0.01	0.70	2.1	<0.2	<0.2	4.8	<0.01	0.06	5.9	<0.005
7176	Soil	1085	24.6	3.3	<0.01	0.07	0.32	1.2	<0.2	<0.2	5.9	<0.01	0.08	2.5	<0.005
7177	Soil	506	22.7	2.6	<0.01	0.02	0.36	1.7	<0.2	<0.2	4.2	<0.01	0.09	6.5	<0.005
7178	Soil	815	20.1	4.0	<0.01	0.06	0.40	1.0	0.3	<0.2	5.8	<0.01	0.05	3.1	<0.005
7179	Soil	930	23.2	4.0	<0.01	0.05	0.42	1.0	<0.2	<0.2	9.9	<0.01	0.06	2.8	<0.005
7180	Soil	573	27.4	4.3	<0.01	0.03	0.78	1.9	0.4	<0.2	10.6	<0.01	0.08	7.2	<0.005
7181	Soil	895	23.6	3.7	<0.01	0.06	1.27	1.5	<0.2	<0.2	18.2	<0.01	0.04	6.6	<0.005
7182	Soil	733	20.0	3.0	<0.01	0.07	0.50	1.1	0.4	<0.2	9.9	<0.01	0.02	3.9	<0.005
7183	Soil	1005	31.8	2.5	<0.01	0.05	0.60	1.5	0.3	<0.2	3.9	<0.01	0.08	4.1	<0.005
7184	Soil	1507	24.7	2.5	<0.01	0.07	1.10	0.4	0.3	0.2	5.1	<0.01	0.10	0.5	<0.005
7185	Soil	1603	38.5	2.8	<0.01	0.06	1.86	1.7	0.3	<0.2	7.8	<0.01	0.15	3.8	<0.005
7186	Soil	708	17.5	2.0	<0.01	0.05	0.92	0.3	<0.2	<0.2	4.7	<0.01	0.05	0.2	<0.005
7187	Soil	1238	35.9	4.4	<0.01	0.06	1.08	0.3	<0.2	0.2	9.7	<0.01	0.05	0.4	<0.005
7188	Soil	1150	40.8	4.1	<0.01	0.04	2.20	1.3	0.5	0.2	12.9	<0.01	0.08	2.6	<0.005
7189	Soil	552	18.2	1.8	<0.01	0.03	1.00	0.6	<0.2	<0.2	5.3	<0.01	0.05	0.5	<0.005
7190	Soil	601	50.0	2.8	<0.01	0.02	1.64	1.4	<0.2	<0.2	10.3	<0.01	0.07	3.0	<0.005
7191	Soil	749	21.8	4.3	<0.01	0.03	2.16	0.5	<0.2	0.2	9.7	<0.01	0.05	0.6	<0.005
7192	Soil	780	17.2	3.1	<0.01	0.04	1.32	0.6	0.4	0.3	7.4	<0.01	0.07	0.7	0.005
7193	Soil	820	25.7	5.5	<0.01	0.04	1.55	0.5	0.5	0.5	7.8	<0.01	0.06	0.4	0.007
7194	Soil	1278	30.6	5.2	<0.01	0.06	1.25	0.9	0.2	0.3	16.1	<0.01	0.09	1.0	0.007
7195	Soil	528	9.5	1.7	<0.01	0.04	0.35	0.5	0.3	<0.2	3.1	<0.01	0.05	0.7	0.007
7196	Soil	933	11.3	5.5	<0.01	0.06	0.61	0.4	0.3	0.4	5.2	<0.01	0.05	0.3	0.005
7197	Soil	590	24.2	3.5	<0.01	0.02	1.28	1.6	<0.2	0.2	5.9	<0.01	0.08	3.8	0.009
7198	Soil	471	28.0	4.0	<0.01	0.01	1.45	2.0	<0.2	0.2	5.9	<0.01	0.09	7.2	0.008
7199	Soil	516	22.5	3.3	<0.01	0.02	1.51	1.5	<0.2	0.2	3.7	<0.01	0.08	4.3	0.006

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7200	Soil	502	10.5	2.3	<0.01	0.03	0.62	0.5	<0.2	<0.2	4.0	<0.01	0.03	0.7	0.007
7201	Soil	520	26.9	3.1	<0.01	0.02	1.93	1.7	<0.2	0.2	4.7	<0.01	0.07	4.6	0.009
7202	Soil	658	15.9	3.0	<0.01	0.05	1.11	0.6	<0.2	<0.2	5.1	<0.01	0.06	0.9	0.006
7203	Soil	633	37.1	2.0	<0.01	<0.01	2.84	2.0	<0.2	<0.2	5.9	<0.01	0.08	11.0	<0.005
7204	Soil	939	15.6	5.3	<0.01	0.06	0.50	0.6	0.3	0.3	4.8	<0.01	0.03	0.7	0.006
7205	Soil	970	23.6	5.1	<0.01	0.04	1.03	0.9	0.3	0.4	5.6	<0.01	0.08	1.6	0.009
7206	Soil	702	15.2	3.0	<0.01	0.03	0.81	1.6	<0.2	0.2	4.3	<0.01	0.07	4.4	0.006
7207	Soil	689	18.9	3.6	<0.01	0.03	0.55	2.0	<0.2	0.2	3.2	<0.01	0.06	5.9	<0.005
7208	Soil	740	36.9	3.2	<0.01	0.03	0.95	1.7	0.4	0.3	4.7	<0.01	0.07	5.3	0.008
7209	Soil	303	42.1	2.3	<0.01	<0.01	1.27	2.4	0.3	<0.2	3.9	<0.01	0.14	10.5	<0.005
7210	Soil	418	7.9	2.3	<0.01	0.02	0.44	1.3	<0.2	<0.2	2.3	<0.01	0.10	3.4	<0.005
7211	Soil	603	34.4	2.5	<0.01	0.03	1.00	1.8	0.2	<0.2	2.9	<0.01	0.10	4.9	<0.005
7212	Soil	422	40.0	1.6	<0.01	<0.01	1.64	2.9	<0.2	<0.2	5.0	<0.01	0.09	8.1	<0.005
7213	Soil	589	50.2	2.4	<0.01	0.03	1.56	2.1	0.2	<0.2	7.3	<0.01	0.11	4.7	<0.005
7214	Soil	302	35.1	1.8	<0.01	0.01	6.38	2.8	<0.2	<0.2	6.9	<0.01	0.09	6.0	<0.005
7166	Soil	1274	26.6	4.0	<0.01	0.09	0.51	0.4	0.3	0.2	9.9	<0.01	0.05	1.1	0.005

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7039	Soil	0.07	1.84	14	0.69	2.53	133	<0.5
7040	Soil	<0.05	1.66	15	0.63	3.01	99	<0.5
7041	Soil	<0.05	1.74	15	0.70	2.34	139	1.8
7042	Soil	<0.05	1.53	23	0.07	2.63	2	3.3
7043	Soil	<0.05	1.25	24	0.09	1.72	124	2.4
7044	Soil	<0.05	0.90	22	0.08	1.19	120	2.6
7045	Soil	<0.05	0.93	23	0.08	2.06	136	2.3
7046	Soil	<0.05	0.69	23	0.11	1.39	123	1.6
7047	Soil	<0.05	1.41	13	0.78	2.14	115	<0.5
7048	Soil	<0.05	0.78	24	3.21	1.70	79	<0.5
7049	Soil	<0.05	0.69	26	0.34	1.42	53	<0.5
7050	Soil	<0.05	0.60	17	0.24	1.20	59	0.8
7051	Soil	<0.05	0.84	23	0.14	2.07	78	0.8
7052	Soil	<0.05	0.87	21	0.18	1.68	83	0.5
7053	Soil	<0.05	1.35	14	0.35	2.21	105	<0.5
7054	Soil	<0.05	0.79	14	0.23	1.39	54	<0.5
7055	Soil	<0.05	0.82	18	0.35	1.54	73	<0.5
7056	Soil	<0.05	0.75	19	0.25	1.58	80	1.0
7057	Soil	<0.05	1.19	15	0.25	2.80	112	0.6
7058	Soil	<0.05	0.76	13	0.24	1.21	89	0.6
7059	Soil	<0.05	0.83	18	0.27	1.37	76	0.8
7060	Soil	0.07	1.43	20	0.31	2.64	96	1.5
7061	Soil	<0.05	0.68	16	0.27	1.22	52	0.5
7062	Soil	<0.05	0.65	17	0.21	1.11	28	<0.5
7063	Soil	0.05	1.44	24	0.35	2.81	60	<0.5
7064	Soil	<0.05	0.42	13	0.10	1.01	17	<0.5
7065	Soil	<0.05	0.56	13	0.25	0.93	24	<0.5
7066	Soil	<0.05	0.88	18	0.20	1.76	40	0.7
7067	Soil	0.05	1.03	24	0.45	2.37	86	0.6
7068	Soil	<0.05	0.72	23	0.31	2.02	61	<0.5
7069	Soil	<0.05	0.99	20	0.38	1.76	74	0.6
7070	Soil	<0.05	0.99	25	0.69	1.55	63	<0.5
7071	Soil	<0.05	0.60	12	0.37	0.91	18	<0.5
7072	Soil	<0.05	0.88	10	0.47	1.56	87	0.6
7073	Soil	<0.05	0.99	19	2.65	2.48	77	0.8
7074	Soil	<0.05	0.87	21	0.23	1.75	99	1.2
7075	Soil	<0.05	0.57	18	0.24	1.40	58	<0.5
7076	Soil	<0.05	1.04	17	0.14	2.16	96	2.0
7077	Soil	<0.05	0.89	21	0.21	1.84	84	3.4
7078	Soil	<0.05	0.93	18	0.09	2.15	88	0.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7079	Soil	<0.05	0.98	20	0.11	2.31	111	3.3
7080	Soil	0.06	1.21	22	0.13	2.07	136	3.0
7081	Soil	<0.05	0.75	23	0.30	1.66	94	1.6
7082	Soil	<0.05	0.88	15	0.21	1.28	68	1.8
7083	Soil	0.05	1.43	19	0.21	1.90	92	1.4
7084	Soil	<0.05	0.39	11	0.11	0.51	25	<0.5
7085	Soil	0.05	1.18	22	0.21	2.17	69	0.5
7086	Soil	0.06	1.09	25	0.32	2.15	83	0.9
7087	Soil	0.13	1.93	25	0.24	2.95	103	0.9
7088	Soil	<0.05	0.91	18	0.17	2.42	94	0.6
7089	Soil	0.06	0.84	30	0.29	1.81	70	<0.5
7090	Soil	<0.05	0.59	29	0.24	1.15	73	0.6
7091	Soil	0.05	1.36	25	0.19	1.83	79	1.2
7092	Soil	0.07	0.93	31	0.35	1.51	86	2.2
7093	Soil	<0.05	1.70	17	0.27	1.98	97	<0.5
7094	Soil	<0.05	0.67	20	0.20	1.79	80	1.2
7095	Soil	<0.05	0.62	16	0.10	2.27	88	1.0
7096	Soil	<0.05	0.98	18	0.28	5.85	94	2.5
7097	Soil	<0.05	0.88	17	0.17	5.10	89	4.6
7098	Soil	<0.05	0.88	17	0.13	4.10	87	2.6
7099	Soil	<0.05	0.88	16	0.11	6.32	90	3.7
7100	Soil	<0.05	0.90	17	0.19	3.90	85	3.2
7101	Soil	<0.05	1.16	16	0.16	4.75	92	4.3
7102	Soil	<0.05	0.78	18	0.15	5.13	97	4.8
7103	Soil	<0.05	0.74	18	0.11	3.27	95	1.7
7104	Soil	<0.05	1.05	17	0.20	3.90	97	3.8
7105	Soil	<0.05	0.83	18	0.20	5.39	93	4.0
7106	Soil	<0.05	1.35	16	0.15	4.43	90	5.4
7107	Soil	<0.05	1.13	16	0.11	3.10	104	3.4
7108	Soil	<0.05	2.08	16	0.12	4.28	95	4.2
7109	Soil	<0.05	1.89	19	0.13	4.20	99	4.0
7110	Soil	<0.05	1.44	17	0.10	3.84	111	3.7
7111	Soil	0.06	0.88	28	0.16	2.23	71	<0.5
7112	Soil	<0.05	0.88	17	0.08	4.84	56	1.3
7113	Soil	<0.05	1.55	19	0.12	8.46	73	2.1
7114	Soil	0.09	0.66	38	0.20	1.87	55	<0.5
7115	Soil	0.06	0.80	35	0.15	1.91	62	<0.5
7116	Soil	0.08	0.55	25	0.11	1.42	37	0.8
7117	Soil	<0.05	0.63	28	0.43	1.44	44	<0.5
7118	Soil	<0.05	0.66	23	0.16	1.31	51	<0.5

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7119	Soil	<0.05	0.74	26	0.18	2.12	51	<0.5
7120	Soil	<0.05	0.75	21	0.12	2.34	75	0.9
7121	Soil	<0.05	0.42	14	0.06	0.92	25	<0.5
7122	Soil	<0.05	0.45	22	0.10	0.90	29	<0.5
7123	Soil	0.07	0.72	28	0.16	1.90	64	<0.5
7124	Soil	<0.05	0.45	16	0.09	0.96	32	0.7
7125	Soil	<0.05	0.16	8	<0.05	0.14	6	<0.5
7126	Soil	<0.05	0.78	28	0.82	2.10	80	0.8
7127	Soil	<0.05	0.77	23	0.32	1.29	66	1.4
7128	Soil	<0.05	0.80	24	0.25	1.67	97	2.0
7129	Soil	<0.05	0.32	17	0.08	0.72	17	<0.5
7130	Soil	<0.05	0.73	29	0.18	1.84	80	0.6
7131	Soil	<0.05	0.59	23	0.15	1.92	39	<0.5
7132	Soil	<0.05	0.78	24	0.11	1.78	65	0.6
7133	Soil	0.06	0.97	33	0.18	2.15	67	<0.5
7134	Soil	<0.05	0.66	16	0.07	1.38	58	2.7
7135	Soil	<0.05	0.53	19	0.10	1.15	51	<0.5
7136	Soil	<0.05	0.73	20	0.10	2.71	49	0.8
7137	Soil	<0.05	0.76	17	0.06	2.20	75	2.8
7138	Soil	<0.05	0.94	22	<0.05	1.74	130	3.4
7139	Soil	<0.05	1.70	23	0.05	1.23	97	4.1
7140	Soil	<0.05	0.53	10	0.05	1.21	13	0.6
7141	Soil	<0.05	1.05	23	0.15	3.40	88	1.3
7142	Soil	0.06	0.92	20	0.11	1.75	51	<0.5
7143	Soil	<0.05	0.81	22	0.13	2.84	60	0.6
7144	Soil	0.06	1.73	27	0.19	3.52	95	<0.5
7145	Soil	0.08	1.53	32	0.16	3.39	75	<0.5
7146	Soil	0.08	1.85	33	0.13	3.61	83	0.6
7147	Soil	0.06	0.79	25	0.11	1.83	47	0.6
7148	Soil	0.07	1.20	33	0.15	2.30	56	0.8
7149	Soil	0.08	1.06	31	0.20	2.61	64	<0.5
7150	Soil	0.07	1.10	28	0.16	3.32	88	1.2
7151	Soil	0.08	1.34	30	0.16	3.27	87	<0.5
7152	Soil	0.06	1.04	22	0.15	2.46	58	0.8
7153	Soil	0.06	1.18	28	0.19	2.98	82	0.7
7154	Soil	0.06	0.87	22	0.12	2.51	68	0.8
7155	Soil	<0.05	0.67	20	0.10	2.14	44	0.6
7156	Soil	0.06	0.75	24	0.17	1.90	48	<0.5
7157	Soil	<0.05	0.95	18	0.09	2.66	48	1.2
7158	Soil	0.06	1.08	25	0.12	2.78	84	1.0

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7159	Soil	0.05	0.78	21	0.13	2.00	54	0.6
7160	Soil	<0.05	1.13	16	0.08	2.39	59	1.5
7161	Soil	<0.05	1.61	17	<0.05	3.72	95	1.8
7162	Soil	<0.05	1.41	17	0.07	3.59	87	1.9
7163	Soil	<0.05	0.88	17	0.07	2.14	88	2.7
7164	Soil	<0.05	1.12	16	0.11	8.66	60	1.7
7165	Soil	0.07	1.55	21	<0.05	3.14	102	5.9
7167	Soil	<0.05	0.56	17	0.07	1.43	46	<0.5
7168	Soil	0.05	1.64	22	0.06	3.43	71	2.3
7169	Soil	0.09	1.19	18	0.08	7.65	71	2.4
7170	Soil	<0.05	0.90	19	<0.05	2.89	74	2.9
7171	Soil	<0.05	0.82	22	0.57	1.12	72	2.0
7172	Soil	0.06	1.86	28	0.09	1.44	84	4.0
7173	Soil	<0.05	0.65	22	0.09	0.86	47	1.6
7174	Soil	<0.05	0.62	21	0.11	1.35	49	2.7
7175	Soil	<0.05	0.99	24	0.11	1.47	118	2.5
7176	Soil	<0.05	0.54	20	0.05	1.04	80	3.1
7177	Soil	<0.05	1.62	19	<0.05	2.45	108	3.9
7178	Soil	<0.05	1.00	16	<0.05	1.73	80	3.5
7179	Soil	<0.05	1.09	16	0.07	1.73	79	3.8
7180	Soil	<0.05	2.35	17	<0.05	4.63	93	6.9
7181	Soil	<0.05	1.90	16	<0.05	2.12	96	6.2
7182	Soil	<0.05	3.61	15	0.06	2.69	51	5.0
7183	Soil	<0.05	1.31	22	<0.05	1.71	95	5.3
7184	Soil	<0.05	0.65	22	0.07	1.95	45	1.3
7185	Soil	<0.05	0.58	28	0.26	2.02	96	7.5
7186	Soil	<0.05	0.44	15	0.07	0.94	36	0.9
7187	Soil	<0.05	0.87	18	0.13	1.17	83	0.7
7188	Soil	<0.05	1.09	21	0.09	2.14	96	3.6
7189	Soil	<0.05	0.95	16	0.14	1.77	47	1.0
7190	Soil	<0.05	1.44	18	0.62	2.09	96	3.2
7191	Soil	<0.05	0.66	18	0.16	1.46	67	0.7
7192	Soil	<0.05	0.68	21	0.14	1.46	72	0.8
7193	Soil	0.07	0.97	32	0.25	2.29	80	<0.5
7194	Soil	<0.05	0.98	27	0.15	3.44	92	1.1
7195	Soil	<0.05	0.40	16	0.07	1.05	45	1.8
7196	Soil	<0.05	0.63	21	0.11	1.34	42	0.6
7197	Soil	<0.05	1.01	27	0.11	2.14	113	2.2
7198	Soil	<0.05	1.03	26	0.13	2.53	119	2.4
7199	Soil	<0.05	0.81	26	0.09	1.88	107	2.2

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7200	Soil	<0.05	0.51	15	0.07	0.91	37	1.5
7201	Soil	<0.05	1.11	29	0.10	2.25	115	2.6
7202	Soil	<0.05	0.89	20	0.08	2.19	63	1.3
7203	Soil	<0.05	1.08	26	<0.05	2.76	128	1.7
7204	Soil	<0.05	0.75	22	0.12	1.31	48	0.8
7205	Soil	0.06	0.91	32	0.17	1.83	97	1.1
7206	Soil	<0.05	0.85	26	0.08	1.21	100	2.7
7207	Soil	<0.05	0.89	28	<0.05	0.99	113	4.2
7208	Soil	<0.05	0.91	31	0.10	1.11	124	2.4
7209	Soil	<0.05	1.14	29	0.06	1.63	145	2.5
7210	Soil	<0.05	0.80	18	<0.05	0.88	77	4.1
7211	Soil	<0.05	1.02	23	0.06	1.12	110	4.3
7212	Soil	<0.05	1.71	23	0.06	2.36	148	1.8
7213	Soil	<0.05	1.78	21	0.10	2.03	99	3.8
7214	Soil	<0.05	1.60	21	0.08	2.19	147	1.4
7166	Soil	<0.05	1.00	15	0.09	2.18	50	2.9

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7039	Soil		0.35	0.51	57.9	19	0.25	0.43	0.01	0.14	25.70	16.0	9	1.54	35.0
7039 Dup			0.34	0.54	58.1	19	0.25	0.44	0.01	0.15	25.77	15.9	9	1.55	36.4
QCV1108-01462-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			94.56												6450.6
7057	Soil		0.17	1.10	65.3	39	0.32	0.42	0.09	0.18	24.11	8.5	16	2.40	25.0
7057 Dup			0.17	1.14	65.0	39	0.32	0.42	0.09	0.18	24.50	8.4	16	2.39	25.5
QCV1108-01462-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					9.03				22.0			>10000
7075	Soil		0.13	1.01	22.9	31	0.18	0.34	0.01	0.06	40.21	6.7	15	1.76	22.4
7075 Dup			0.14	1.04	22.3	32	0.19	0.33	0.01	0.06	39.26	6.7	15	1.79	22.4
QCV1108-01462-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6544.3
7093	Soil		0.08	0.92	525.4	51	0.34	0.25	0.04	0.26	37.50	14.1	19	1.53	28.5
7093 Dup			0.08	0.91	524.1	51	0.35	0.24	0.04	0.26	36.92	13.9	19	1.52	28.1
QCV1108-01462-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6443.0
7111	Soil		0.05	1.40	15.1	50	0.24	0.38	0.02	0.21	18.19	8.7	34	0.74	24.8
7111 Dup			0.05	1.43	15.0	49	0.25	0.38	0.02	0.21	18.33	8.6	33	0.74	24.6
QCV1108-01462-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.28					8.86				22.7			>10000
7129	Soil		0.03	0.62	4.0	15	0.07	0.09	0.02	0.03	7.02	2.1	5	0.50	7.6
7129 Dup			0.03	0.63	4.1	15	0.07	0.09	0.02	0.03	6.92	2.1	5	0.49	7.3
QCV1108-01462-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.92				22.5			>10000
7147	Soil		0.06	1.41	8.7	44	0.26	0.32	0.04	0.17	12.83	8.6	27	0.59	23.7
7147 Dup			0.06	1.44	9.1	44	0.26	0.33	0.04	0.18	13.05	8.6	27	0.61	24.1
QCV1108-01462-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.33					9.59				22.9			>10000
7165	Soil		0.05	1.81	31.1	33	0.54	0.46	0.02	0.08	15.55	36.4	25	1.21	50.2
7165 Dup			0.05	1.74	30.3	33	0.54	0.46	0.02	0.08	15.41	36.5	24	1.15	48.8
QCV1108-01462-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6284.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7184	Soil		0.04	1.26	19.3	46	0.21	0.42	0.02	0.12	15.32	13.9	26	1.36	28.6
7184 Dup			0.04	1.23	19.8	46	0.21	0.41	0.02	0.13	15.20	14.1	26	1.30	27.7
QCV1108-01462-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6196.7
7202	Soil		0.10	1.34	36.8	23	0.30	0.25	0.04	0.11	15.37	8.8	25	2.85	25.2
7202 Dup			0.10	1.48	36.8	23	0.30	0.25	0.04	0.11	15.65	9.0	25	2.91	27.1
QCV1108-01462-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6285.4
QCV1108-01462-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.49		7448.8							9.3			26.8
7039	Soil	0.022													
7039 Dup		0.026													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.988													
7057	Soil	0.024													
7057 Dup		0.025													
QCV1108-01463-0004-BLK		0.008													
7075	Soil	0.016													
7075 Dup		0.009													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.050													
7093	Soil	0.034													
7093 Dup		0.036													
7111	Soil	0.036													
7111 Dup		0.034													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.983													
7129	Soil	0.018													
7129 Dup		0.021													
7147	Soil	0.024													
7147 Dup		0.026													
7165	Soil	0.030													
7165 Dup		0.024													
7184	Soil	0.044													
7184 Dup		0.041													
7202	Soil	0.033													
7202 Dup		0.034													

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Northern Tiger Resources
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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
STD-OxD87 expected		0.417													
STD-OxD87 result		0.410													

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7039	Soil	3.20	2.27	<0.05	0.03	0.02	0.03	13.1	4.3	0.07	493	1.13	<0.01	0.21	36.0
7039 Dup		3.32	2.29	<0.05	0.03	0.02	0.03	14.4	4.4	0.07	498	1.10	<0.01	0.19	35.6
QCV1108-01462-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7057	Soil	2.74	3.87	<0.05	0.03	0.02	0.03	13.1	26.8	0.37	344	0.61	<0.01	0.21	29.9
7057 Dup		2.82	3.82	<0.05	0.03	0.02	0.03	13.3	26.7	0.38	340	0.60	<0.01	0.20	29.2
QCV1108-01462-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7075	Soil	2.92	5.69	<0.05	0.05	0.01	0.03	22.4	18.4	0.28	203	0.57	0.01	0.31	15.7
7075 Dup		2.99	5.71	<0.05	0.05	0.01	0.03	22.2	18.7	0.29	203	0.56	0.01	0.31	16.4
QCV1108-01462-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7093	Soil	3.50	4.09	<0.05	<0.02	0.02	0.05	18.8	9.5	0.14	443	1.69	0.01	0.33	32.9
7093 Dup		3.39	4.03	<0.05	<0.02	0.02	0.05	18.2	9.5	0.14	448	1.71	0.01	0.32	32.6
QCV1108-01462-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7111	Soil	3.87	6.73	<0.05	0.04	0.02	0.04	8.2	18.8	0.33	939	2.25	<0.01	0.54	23.0
7111 Dup		4.00	6.74	<0.05	0.04	0.02	0.04	8.3	18.1	0.32	818	2.16	<0.01	0.54	22.9
QCV1108-01462-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7129	Soil	0.92	3.39	<0.05	<0.02	<0.01	0.02	3.5	3.4	0.07	134	0.40	0.03	0.18	3.6
7129 Dup		0.92	3.32	<0.05	<0.02	<0.01	0.02	3.5	3.5	0.07	135	0.41	0.03	0.18	3.6
QCV1108-01462-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7147	Soil	3.07	5.74	<0.05	0.06	0.02	0.04	6.4	19.3	0.34	570	1.70	0.02	0.48	20.2
7147 Dup		3.14	6.03	<0.05	0.06	0.02	0.04	6.4	20.5	0.35	565	1.72	0.02	0.49	20.4
QCV1108-01462-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7165	Soil	3.42	6.08	<0.05	0.20	0.02	0.03	7.8	40.2	0.59	688	0.86	<0.01	0.21	34.8
7165 Dup		3.27	5.95	<0.05	0.20	0.02	0.03	7.8	39.9	0.58	692	0.86	<0.01	0.21	34.7
QCV1108-01462-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7184	Soil	3.12	5.74	<0.05	0.06	0.02	0.02	8.0	24.6	0.37	2547	1.38	0.01	0.18	16.7
7184 Dup		3.08	5.65	<0.05	0.06	0.02	0.02	8.0	23.9	0.36	2646	1.38	0.01	0.17	16.7
QCV1108-01462-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7202	Soil	2.24	5.09	<0.05	0.06	0.01	0.03	8.0	32.5	0.47	413	0.76	0.01	0.24	24.5
7202 Dup		2.41	5.11	<0.05	0.06	0.01	0.03	8.1	33.2	0.51	452	0.76	0.02	0.24	24.5
QCV1108-01462-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01462-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.45	477				47.8

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7039	Soil	309	55.9	4.6	<0.01	0.02	1.94	1.4	<0.2	0.2	7.9	<0.01	0.08	6.1	<0.005
7039 Dup		313	55.5	4.7	<0.01	0.02	1.97	1.3	<0.2	0.2	8.1	<0.01	0.08	6.1	<0.005
QCV1108-01462-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9795.7												
7057	Soil	343	33.1	4.8	<0.01	0.02	1.54	1.1	0.3	0.2	13.8	<0.01	0.08	3.0	<0.005
7057 Dup		343	33.0	4.8	<0.01	0.02	1.53	1.1	0.2	0.2	13.4	<0.01	0.07	3.0	<0.005
QCV1108-01462-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.1				1.87		13.8	16.9					
7075	Soil	312	14.7	5.4	<0.01	0.01	1.27	0.8	<0.2	0.2	4.8	<0.01	0.09	4.1	<0.005
7075 Dup		314	14.6	5.5	<0.01	0.01	1.29	0.8	<0.2	0.2	4.8	<0.01	0.09	4.0	<0.005
QCV1108-01462-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9480.1												
7093	Soil	677	32.9	6.8	<0.01	0.03	0.92	0.8	<0.2	0.3	9.8	<0.01	0.04	4.2	<0.005
7093 Dup		683	32.7	6.8	<0.01	0.03	0.92	0.8	<0.2	0.3	9.8	<0.01	0.04	4.1	<0.005
QCV1108-01462-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9887.9												
7111	Soil	936	20.2	4.6	<0.01	0.07	0.76	0.4	0.5	0.4	5.1	<0.01	0.07	0.5	0.007
7111 Dup		946	20.3	4.6	<0.01	0.07	0.77	0.4	0.5	0.4	5.1	<0.01	0.07	0.5	0.007
QCV1108-01462-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.2				1.83		13.4	16.1					
7129	Soil	368	3.5	2.2	<0.01	0.04	0.17	0.1	0.3	0.2	3.6	<0.01	0.02	<0.2	0.007
7129 Dup		360	3.4	2.2	<0.01	0.04	0.17	0.1	0.3	0.2	3.6	<0.01	0.02	<0.2	0.007
QCV1108-01462-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.75		13.7	16.3					
7147	Soil	1032	12.4	4.4	<0.01	0.08	0.36	0.3	0.4	0.3	6.9	<0.01	0.05	0.5	0.007
7147 Dup		1008	12.8	4.4	<0.01	0.08	0.36	0.4	0.4	0.3	6.9	<0.01	0.05	0.5	0.007
QCV1108-01462-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.2				1.85		13.9	16.2					
7165	Soil	692	60.1	4.7	<0.01	0.04	1.04	1.1	0.4	<0.2	5.8	<0.01	0.05	7.2	<0.005
7165 Dup		685	59.8	4.6	<0.01	0.04	1.03	1.1	0.4	<0.2	5.7	<0.01	0.05	7.1	<0.005
QCV1108-01462-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7184	Soil	1507	24.7	2.5	<0.01	0.07	1.10	0.4	0.3	0.2	5.1	<0.01	0.10	0.5	<0.005
7184 Dup		1509	24.6	2.5	<0.01	0.07	1.05	0.4	0.3	<0.2	5.2	<0.01	0.10	0.5	<0.005
QCV1108-01462-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7202	Soil	658	15.9	3.0	<0.01	0.05	1.11	0.6	<0.2	<0.2	5.1	<0.01	0.06	0.9	0.006
7202 Dup		759	16.4	3.1	<0.01	0.05	1.12	0.6	<0.2	<0.2	5.2	<0.01	0.06	0.9	0.006
QCV1108-01462-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01462-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected			13.8												
STD-DS-1 result			12.1												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7039	Soil	0.07	1.84	14	0.69	2.53	133	<0.5
7039 Dup		0.07	1.84	14	0.69	2.58	136	<0.5
QCV1108-01462-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5132	
7057	Soil	<0.05	1.19	15	0.25	2.80	112	0.6
7057 Dup		<0.05	1.13	15	0.25	2.75	112	0.6
QCV1108-01462-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
7075	Soil	<0.05	0.57	18	0.24	1.40	58	<0.5
7075 Dup		<0.05	0.59	18	0.25	1.38	57	<0.5
QCV1108-01462-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5037	
7093	Soil	<0.05	1.70	17	0.27	1.98	97	<0.5
7093 Dup		<0.05	1.70	17	0.27	1.94	98	<0.5
QCV1108-01462-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5280	
7111	Soil	0.06	0.88	28	0.16	2.23	71	<0.5
7111 Dup		0.06	0.91	28	0.17	2.31	69	0.5
QCV1108-01462-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							183	
7129	Soil	<0.05	0.32	17	0.08	0.72	17	<0.5
7129 Dup		<0.05	0.32	17	0.08	0.73	16	<0.5
QCV1108-01462-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
7147	Soil	0.06	0.79	25	0.11	1.83	47	0.6
7147 Dup		0.06	0.81	25	0.11	1.84	46	0.6
QCV1108-01462-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
7165	Soil	0.07	1.55	21	<0.05	3.14	102	5.9
7165 Dup		0.07	1.53	20	0.05	3.12	103	5.9
QCV1108-01462-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5136	

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11-360-06070-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7184	Soil	<0.05	0.65	22	0.07	1.95	45	1.3
7184 Dup		<0.05	0.64	22	0.07	1.98	45	1.3
QCV1108-01462-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4926	
7202	Soil	<0.05	0.89	20	0.08	2.19	63	1.3
7202 Dup		<0.05	0.91	20	0.08	2.21	68	1.3
QCV1108-01462-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5012	
QCV1108-01462-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.15					215	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **soil 3**
Description: **3 ACE**

Date Received: 08/19/2011
Date Completed: 09/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	217	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1593	Soil	<0.005	0.23	1.42	22.1	26	0.56	0.50	5.60	0.08	38.14	27.4	23	0.68	56.9
1594	Soil	<0.005	0.23	1.09	18.7	55	0.67	0.38	3.92	0.32	58.24	21.0	16	0.30	47.8
1595	Soil	<0.005	0.10	0.57	6.3	44	0.36	0.14	1.01	0.11	24.88	5.5	4	0.15	20.2
1596	Soil	<0.005	0.24	0.97	15.7	41	0.61	0.37	1.23	0.20	44.10	16.4	14	0.36	41.2
1597	Soil	<0.005	0.15	0.79	6.8	75	0.49	0.27	3.62	0.45	35.58	8.7	10	0.33	19.0
1598	Soil	<0.005	0.25	1.23	15.9	49	0.63	0.49	0.97	0.18	43.96	19.6	17	0.32	52.1
1599	Soil	<0.005	0.08	0.42	4.3	28	0.23	0.12	1.36	0.14	19.71	4.0	3	0.16	11.7
1600	Soil	<0.005	0.04	0.39	0.9	20	0.07	0.04	0.66	0.05	6.98	1.5	1	0.08	9.2
1601	Soil	<0.005	0.04	0.44	1.1	14	0.10	0.04	0.60	0.03	7.07	1.7	2	0.11	7.4
1602	Soil	<0.005	0.28	1.25	19.5	45	0.63	0.50	1.47	0.20	48.02	24.6	18	0.33	42.4
1603	Soil	<0.005	0.21	1.16	15.8	41	0.57	0.42	0.87	0.15	38.08	18.5	13	0.54	41.8
1604	Soil	<0.005	0.20	0.97	18.1	38	0.60	0.40	1.08	0.13	50.24	19.3	11	0.39	39.7
1605	Soil	<0.005	0.10	0.94	3.6	48	0.34	0.15	0.96	0.07	17.59	5.0	7	0.47	17.6
1606	Soil	<0.005	0.15	1.35	9.1	48	0.58	0.37	0.61	0.14	24.07	12.4	16	1.04	29.2
1607	Soil	<0.005	0.11	1.18	5.2	35	0.36	0.24	0.59	0.17	21.21	13.8	16	0.52	30.2
1608	Soil	<0.005	0.16	0.73	17.4	44	0.57	0.35	3.25	0.30	43.21	15.1	12	0.29	40.4
1609	Soil	<0.005	0.08	0.58	11.5	45	0.35	0.13	1.69	0.09	19.86	5.3	3	0.18	14.9
1610	Soil	<0.005	0.15	0.66	12.5	48	0.49	0.24	2.81	0.29	37.23	10.0	13	0.23	25.4
1611	Soil	<0.005	0.11	0.90	6.0	48	0.53	0.22	1.60	0.19	40.93	8.5	10	0.23	24.2
1612	Soil	<0.005	0.09	0.65	10.1	67	0.34	0.24	1.64	0.37	26.94	8.4	6	0.21	21.4
1613	Soil	<0.005	0.12	0.54	12.9	45	0.46	0.27	2.80	0.34	47.61	11.2	8	0.19	32.2
1614	Soil	<0.005	0.09	1.19	6.7	53	0.46	0.34	1.09	0.16	58.08	12.3	13	0.24	31.0
1615	Soil	<0.005	0.15	0.73	11.4	53	0.58	0.31	4.62	0.24	43.78	11.7	10	0.19	29.3
1616	Soil	<0.005	0.13	1.55	10.4	42	0.52	0.34	0.38	0.20	11.74	16.0	19	0.63	35.5
1617	Soil	<0.005	0.09	1.22	13.1	29	0.31	0.31	0.30	0.07	8.74	12.9	16	0.61	26.9
1618	Soil	<0.005	0.08	1.14	14.5	44	0.37	0.35	0.21	0.08	9.39	12.0	15	0.45	23.5
1619	Soil	<0.005	0.06	0.55	7.4	20	0.23	0.11	0.09	0.08	4.58	5.8	4	0.20	10.6
1620	Soil	<0.005	0.08	1.45	22.0	19	0.53	0.45	0.24	0.09	9.67	23.5	19	0.29	39.7
1621	Soil	<0.005	0.07	1.38	10.2	21	0.52	0.33	0.23	0.05	10.56	13.9	20	0.50	28.6
1622	Soil	<0.005	0.13	1.43	19.0	24	0.53	0.40	0.20	0.05	14.49	24.0	21	0.76	39.9
1623	Soil	<0.005	0.10	1.46	19.1	24	0.47	0.36	0.22	0.08	13.98	22.8	23	0.62	41.7
1624	Soil	0.061	0.15	1.23	45.5	31	0.58	0.39	0.21	0.22	15.59	19.3	20	0.64	49.5
1625	Soil	<0.005	0.14	1.52	27.1	32	0.58	0.44	0.20	0.18	16.80	18.7	24	0.80	56.6
1626	Soil	<0.005	0.10	1.55	12.8	25	0.53	0.46	0.26	0.07	12.72	14.5	22	0.49	47.0
1627	Soil	<0.005	0.14	1.82	10.3	25	0.40	0.47	0.17	0.07	14.99	17.0	27	1.20	44.9
1628	Soil	<0.005	0.09	1.88	14.1	28	0.45	0.45	0.08	0.05	18.69	18.3	29	0.84	42.2
1629	Soil	<0.005	0.08	1.87	12.6	29	0.46	0.46	0.08	0.05	17.63	17.5	27	0.81	40.2
1630	Soil	0.108	0.45	0.26	124.0	29	0.79	0.73	0.19	0.10	14.49	24.4	6	1.65	50.9
1631	Soil	0.007	0.21	0.90	54.3	21	0.76	0.83	0.30	0.10	20.33	30.9	16	1.40	58.3
1632	Soil	0.009	0.38	0.91	80.0	23	0.42	0.55	0.02	0.07	36.96	14.1	12	2.06	52.1

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1633	Soil	0.033	0.19	1.30	124.3	20	0.38	0.40	0.07	0.17	11.17	20.6	23	1.37	39.3
1634	Soil	0.018	0.26	0.49	102.0	15	0.29	0.34	0.03	0.11	19.18	14.8	10	0.80	31.5
1635	Soil	0.020	0.22	0.58	29.6	52	0.22	0.25	0.27	0.19	10.34	10.7	7	0.56	17.2
1636	Soil	0.112	0.29	0.34	31.7	14	0.15	0.26	0.01	0.05	10.41	8.5	6	0.71	17.3
1637	Soil	0.044	0.25	0.24	35.4	8	0.31	0.27	0.01	0.12	14.72	11.2	5	1.01	14.4
1638	Soil	0.010	0.52	0.84	35.2	40	0.29	0.28	0.04	0.09	6.87	12.2	12	1.41	25.1
1639	Soil	0.011	0.07	2.42	36.9	19	0.35	0.37	0.08	0.04	22.86	22.7	43	1.75	46.6
1640	Soil	0.005	0.07	2.47	34.1	16	0.35	0.36	0.09	0.05	18.71	18.8	42	1.96	43.0
1641	Soil	0.008	0.05	2.53	31.0	17	0.35	0.36	0.06	0.03	22.81	16.1	43	1.95	36.3
1642	Soil	0.018	0.08	2.48	58.6	18	0.34	0.38	0.13	0.05	21.09	17.4	41	1.92	35.6
1643	Soil	0.023	0.08	1.95	66.6	30	0.36	0.34	0.02	0.10	21.08	17.6	29	2.19	20.8
1644	Soil	0.068	0.32	1.66	161.4	26	0.30	0.34	0.07	0.07	14.38	10.5	26	2.04	27.4
1645	Soil	0.022	0.31	0.52	155.7	25	0.35	0.46	0.02	0.24	10.82	10.7	9	2.44	36.3
1646	Soil	<0.005	0.05	0.18	2.3	11	<0.05	0.04	0.03	0.05	1.75	0.6	2	0.15	2.0
1647	Soil	0.028	0.12	0.50	246.6	20	0.36	0.51	0.01	0.32	17.28	13.8	10	3.01	38.1
1648	Soil	0.018	0.11	0.52	189.8	23	0.25	0.42	<0.01	0.16	14.40	10.8	9	2.11	28.8
1649	Soil	<0.005	0.09	0.20	0.8	12	<0.05	0.02	0.02	0.03	1.03	0.5	2	0.09	0.8
1650	Soil	0.008	0.08	0.67	51.3	26	0.17	0.35	0.02	0.06	16.74	6.3	11	1.54	19.6
1651	Soil	<0.005	0.16	0.21	2.4	11	<0.05	0.03	0.02	0.04	1.63	0.8	2	0.21	2.5
1652	Soil	0.037	0.29	0.83	161.4	37	0.30	0.46	0.02	0.16	20.95	7.3	17	2.25	27.9
1653	Soil	0.011	0.14	0.82	56.1	31	0.24	0.28	0.03	0.17	12.34	4.6	13	2.47	11.8
1916	Soil	<0.005	0.23	0.81	60.7	24	0.17	0.26	0.06	0.58	5.51	7.0	23	3.26	17.5
1917	Soil	<0.005	0.19	0.87	39.6	37	0.22	0.26	0.03	0.19	6.76	6.0	15	2.86	15.9
1918	Soil	0.033	0.31	2.05	289.2	19	0.57	0.60	0.04	0.20	18.89	23.3	38	4.06	56.3
1919	Soil	0.025	0.39	1.52	270.4	39	0.38	0.41	0.04	0.22	12.23	12.3	25	3.40	33.5
1920	Soil	0.017	0.21	1.79	162.3	25	0.44	0.47	0.02	0.16	14.55	17.5	32	3.24	46.9
1921	Soil	<0.005	0.12	1.94	53.6	35	0.50	0.50	0.05	0.17	18.04	18.5	35	2.11	43.6
1922	Soil	<0.005	0.08	1.68	21.2	28	0.37	0.51	0.07	0.07	26.68	13.8	31	3.52	37.0
1923	Soil	<0.005	0.14	1.24	22.2	30	0.27	0.35	0.39	0.08	6.55	10.9	23	2.98	33.2
1924	Soil	<0.005	0.09	1.36	22.7	18	0.31	0.44	0.13	0.09	10.37	13.3	28	2.75	34.4
1925	Soil	0.008	0.12	1.59	73.0	31	0.33	0.42	0.28	0.13	10.48	11.0	26	3.39	37.7
1926	Soil	0.021	0.09	1.30	142.2	28	0.26	0.41	0.16	0.10	9.94	13.5	23	2.63	32.6
1927	Soil	0.017	0.07	1.78	75.4	24	0.30	0.44	0.22	0.10	11.95	13.5	29	2.57	34.9
1928	Soil	0.017	0.17	1.52	120.3	30	0.30	0.44	0.40	0.13	10.54	10.9	28	4.17	31.2
1929	Soil	0.015	0.15	1.25	96.5	33	0.29	0.37	0.92	0.49	7.03	9.8	21	3.09	34.0
1930	Soil	0.023	0.12	1.66	164.0	28	0.43	0.46	0.35	0.22	10.84	14.4	25	3.60	40.1
1931	Soil	<0.005	0.09	1.85	9.3	18	0.11	0.31	0.01	0.07	17.10	7.9	26	2.67	19.5
1932	Soil	<0.005	0.13	0.95	8.0	16	0.11	0.32	0.56	0.06	6.21	5.2	18	2.59	24.6
1933	Soil	0.007	0.10	1.72	24.3	24	0.23	0.42	0.04	0.07	13.47	11.4	28	2.34	29.6
1934	Soil	<0.005	0.14	2.14	11.1	16	0.51	0.50	0.06	0.09	12.70	24.2	32	6.86	68.1

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1935	Soil	0.086	0.12	1.06	191.6	39	0.24	0.39	0.02	0.05	17.23	7.7	15	1.78	26.9
1936	Soil	0.202	0.05	1.33	394.9	27	0.29	0.39	0.01	0.10	16.98	13.6	19	0.95	30.4
1937	Soil	0.007	0.17	1.87	14.0	50	0.43	0.49	0.39	0.06	12.97	11.4	25	2.96	43.4
1938	Soil	<0.005	0.21	1.26	10.9	18	0.19	0.37	0.13	0.05	10.05	7.9	18	3.18	28.9
1939	Soil	0.034	0.12	1.90	64.1	33	0.25	0.54	0.07	0.12	20.62	16.6	33	2.52	50.5
1940	Soil	0.006	0.09	1.52	23.9	25	0.51	0.51	0.03	0.07	24.73	16.4	27	5.25	58.8
1941	Soil	<0.005	0.04	0.78	12.8	11	0.10	0.33	0.02	0.03	10.60	7.8	14	3.05	24.5
1942	Soil	0.027	0.36	0.39	181.7	20	0.15	0.22	0.38	0.46	5.86	4.4	9	1.80	14.3
1943	Soil	0.058	0.59	0.50	545.2	27	0.39	0.36	0.88	1.59	9.22	9.9	9	2.62	29.0
1944	Soil	0.070	0.32	0.35	494.4	20	0.36	0.49	0.07	1.03	23.91	9.2	10	2.68	24.6
1945	Soil	0.051	0.52	1.08	488.5	19	0.17	0.41	0.02	0.38	16.15	9.3	19	4.04	24.2
1946	Soil	0.133	0.39	1.11	319.9	45	0.29	0.34	0.02	0.62	13.76	11.6	18	1.76	24.1
1947	Soil	0.017	0.11	1.70	115.4	17	0.22	0.43	<0.01	0.13	24.03	12.9	31	1.07	30.7
1948	Soil	0.006	0.12	0.63	64.0	27	0.12	0.41	0.04	0.26	18.52	7.7	15	3.47	19.7
1949	Soil	0.009	0.11	1.44	39.3	29	0.24	0.43	0.21	0.11	9.11	10.1	24	3.86	27.2
1950	Soil	<0.005	0.05	1.75	33.4	21	0.31	0.50	0.12	0.10	13.20	13.5	28	3.25	36.9
1951	Soil	0.015	0.05	1.70	34.2	20	0.34	0.50	0.12	0.12	14.42	13.0	28	3.37	35.2
1952	Soil	<0.005	0.36	0.44	8.1	44	0.08	0.10	0.03	0.34	3.39	2.5	8	0.55	8.0
1953	Soil	0.006	0.10	1.78	49.9	30	0.26	0.48	0.08	0.21	10.78	11.9	29	3.07	25.3
1954	Soil	<0.005	0.09	1.78	18.8	22	0.31	0.42	0.22	0.11	10.07	12.4	28	3.10	38.0
1955	Soil	0.014	0.28	0.41	39.1	22	0.12	0.17	0.02	0.20	6.70	4.5	7	2.14	8.6
1956	Soil	0.067	0.16	1.08	292.0	48	0.32	0.44	0.03	0.19	13.48	10.8	21	1.26	30.0
1957	Soil	0.006	0.29	1.09	124.7	72	0.31	0.34	0.17	0.21	12.00	6.2	14	1.84	16.9
1958	Soil	0.005	0.16	0.69	37.0	17	0.11	0.29	0.02	0.08	9.04	4.4	16	0.88	14.1
1959	Soil	0.095	0.20	1.14	182.3	30	0.41	0.52	0.30	0.31	10.70	18.9	20	1.86	45.9
1960	Soil	0.031	0.16	1.31	117.8	30	0.36	0.43	0.47	0.21	10.53	15.9	23	2.44	39.4
1961	Soil	0.011	0.24	1.24	55.4	55	0.44	0.44	0.54	0.18	11.60	14.0	20	3.45	37.1
1962	Soil	0.021	0.10	1.41	105.1	26	0.42	0.48	0.02	0.14	19.61	18.0	23	1.58	43.4
1963	Soil	0.014	0.12	1.20	74.6	36	0.16	0.35	0.01	0.12	23.60	9.0	22	1.08	20.6
1964	Soil	0.013	0.08	1.47	61.8	22	0.15	0.37	0.01	0.10	22.40	9.5	25	1.19	20.7
1965	Soil	0.007	0.06	1.37	35.9	22	0.17	0.39	<0.01	0.08	22.20	10.0	22	1.67	21.1
1966	Soil	<0.005	0.16	1.21	30.7	20	0.39	0.53	0.04	0.20	14.63	19.4	28	4.50	51.9
1967	Soil	<0.005	0.16	1.21	28.2	17	0.24	0.56	0.02	0.25	7.25	27.1	25	5.29	42.1
1968	Soil	0.042	0.20	1.63	275.0	24	0.49	0.82	<0.01	0.35	22.70	28.2	27	3.59	67.6
1969	Soil	<0.005	0.13	2.26	28.7	20	0.58	1.04	0.17	0.16	22.43	33.1	36	5.02	77.2
1970	Soil	<0.005	0.22	2.46	26.7	22	0.63	1.20	0.09	0.24	16.97	35.5	38	6.72	111.6
1971	Soil	<0.005	0.26	2.40	13.6	26	0.53	0.75	0.14	0.12	24.59	32.5	39	4.91	89.9
1972	Soil	<0.005	0.07	2.36	34.6	20	0.45	1.08	0.07	0.17	16.59	33.6	36	7.11	85.6
1973	Soil	0.010	0.06	1.98	18.9	27	0.38	0.51	0.08	0.09	21.45	15.5	30	3.20	35.4
1974	Soil	0.120	0.41	1.05	170.5	35	0.58	0.64	0.28	0.13	10.66	23.9	15	2.07	61.0

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1975	Soil	0.044	0.40	1.22	143.0	47	0.90	0.70	0.34	0.15	21.36	26.6	18	2.94	66.6
1976	Soil	0.024	0.15	1.45	67.8	19	0.47	0.53	0.16	0.10	23.23	20.8	27	1.11	50.8
1977	Soil	0.012	0.05	1.27	42.5	19	0.42	0.47	0.04	0.05	20.21	14.2	21	1.66	37.4
1978	Soil	0.008	0.06	1.09	42.8	28	0.42	0.48	0.05	0.07	16.52	13.5	20	2.15	33.5
1979	Soil	0.019	0.27	0.66	72.6	22	0.50	0.53	0.11	0.08	23.45	16.5	17	1.44	35.0
1980	Soil	0.030	0.13	0.57	178.9	21	0.63	0.54	0.12	0.10	29.33	26.6	16	1.32	44.9
1981	Soil	0.025	0.06	1.18	111.9	31	0.42	0.45	0.05	0.08	17.25	14.7	20	2.17	36.5
1982	Soil	0.012	0.17	1.60	41.8	42	0.63	0.60	0.28	0.19	11.77	20.3	27	4.00	53.2
1983	Soil	0.010	0.10	1.76	29.3	29	0.50	0.60	0.14	0.12	6.60	14.8	28	4.27	46.7
1984	Soil	0.019	0.17	0.90	109.5	27	0.39	0.39	0.12	0.13	13.41	12.0	16	1.86	30.1
1985	Soil	0.008	0.11	0.96	37.7	26	0.17	0.25	0.09	0.25	8.19	7.5	18	1.56	13.4
1986	Soil	0.021	0.34	1.72	82.1	27	0.50	0.52	0.28	0.11	9.14	11.9	29	8.73	43.0
1987	Soil	0.014	0.13	1.48	64.7	39	0.36	0.38	0.28	0.08	10.31	11.5	22	3.18	26.0
1988	Soil	0.013	0.07	1.91	48.7	27	0.31	0.41	0.13	0.08	10.87	13.2	31	1.81	29.9
1989	Soil	0.018	0.13	1.62	48.8	38	0.30	0.34	0.25	0.12	12.68	8.2	25	4.14	16.4
1990	Soil	0.012	0.14	1.86	178.5	39	0.41	0.40	0.31	0.17	11.57	11.3	28	2.05	22.6
1991	Soil	0.069	0.10	1.56	138.6	30	0.38	0.43	0.04	0.11	25.14	11.6	25	2.03	24.2
1992	Soil	0.018	0.11	2.13	148.6	21	0.37	0.54	0.05	0.12	31.84	22.7	35	2.95	51.0
1993	Soil	0.021	0.33	2.22	142.3	14	0.27	0.41	0.03	0.19	35.95	16.4	38	3.94	37.6
1994	Soil	<0.005	0.08	2.39	20.5	18	0.32	0.48	0.10	0.10	33.92	17.2	37	3.58	42.6
1995	Soil	0.088	0.43	2.10	772.9	35	0.44	0.74	0.10	0.80	42.08	28.2	37	2.67	66.6
1996	Soil	0.006	0.12	2.85	34.1	29	0.50	0.93	0.15	0.12	39.78	27.6	41	3.46	74.7
1997	Soil	0.024	0.07	1.79	32.4	39	0.24	0.37	0.05	0.12	24.63	9.1	27	2.77	20.7
1998	Soil	0.033	0.12	1.77	28.5	23	0.20	0.42	0.02	0.10	25.33	9.8	31	2.90	21.6
1999	Soil	0.005	0.05	2.04	12.3	31	0.26	0.39	0.02	0.05	25.32	11.1	28	1.93	30.1
2000	Soil	<0.005	0.04	1.91	15.7	26	0.30	0.43	0.01	0.09	19.56	13.5	32	1.44	32.7
2501	Soil	0.007	0.06	1.48	59.0	32	0.27	0.41	0.02	0.13	31.54	10.2	23	1.31	20.1
2502	Soil	0.039	0.17	0.50	193.7	27	0.34	0.37	0.01	0.25	33.01	13.1	16	1.43	32.9
2503	Soil	0.014	0.30	0.62	67.0	24	0.17	0.10	0.05	0.06	10.71	2.6	5	0.73	9.4
2504	Soil	0.009	0.32	0.80	82.7	48	0.21	0.27	0.07	0.15	18.64	4.9	13	1.63	12.4
2505	Soil	0.094	0.15	1.30	54.6	37	0.21	0.32	0.02	0.22	24.34	7.2	22	1.98	19.6
2506	Soil	0.011	0.21	0.65	22.5	18	0.27	0.30	0.03	0.09	17.99	5.9	15	3.21	27.7
2507	Soil	0.024	0.19	0.75	83.0	51	0.30	0.34	0.03	0.12	8.95	22.1	13	2.20	19.1
2508	Soil	0.011	0.10	1.53	28.1	24	0.18	0.35	0.02	0.09	17.62	8.4	23	1.97	25.8
2509	Soil	0.006	0.15	0.90	7.7	18	0.09	0.19	0.03	0.06	9.41	3.1	11	1.52	12.0
2510	Soil	0.018	0.10	0.73	42.0	22	0.18	0.30	0.01	0.08	15.41	7.1	15	1.13	19.2
2511	Soil	0.015	0.06	0.86	36.2	25	0.27	0.41	<0.01	0.09	26.64	8.6	18	2.76	34.5
3253	Soil	0.010	0.06	2.10	59.9	31	0.31	0.41	0.03	0.12	32.98	18.7	33	2.20	36.6
3254	Soil	0.009	0.07	2.21	60.6	28	0.35	0.42	0.04	0.15	33.28	20.1	34	1.88	42.1
3255	Soil	0.010	0.08	1.79	39.5	31	0.22	0.33	0.03	0.07	28.32	9.7	26	1.57	30.1

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3256	Soil	0.245	0.40	0.77	719.0	31	0.22	0.20	0.13	2.25	29.55	12.1	8	2.23	15.5
3257	Soil	<0.005	0.06	0.78	17.3	20	0.14	0.14	0.02	0.06	12.80	4.0	9	0.76	11.7
3258	Soil	0.040	0.08	0.54	210.0	14	0.21	0.45	0.04	0.13	9.00	13.1	18	2.43	33.6
3259	Soil	0.059	0.05	0.98	427.8	48	0.22	0.27	0.03	0.17	17.27	16.8	15	1.26	24.4
3260	Soil	0.019	0.06	0.75	160.5	15	0.11	0.23	0.02	0.09	15.47	6.4	13	1.38	12.5
3261	Soil	0.006	0.90	0.75	845.9	25	0.17	0.25	0.03	0.40	10.95	4.2	5	1.30	12.7
3262	Soil	0.037	0.41	0.96	270.6	106	0.16	0.39	0.02	0.16	28.23	11.6	18	1.85	27.8
3263	Soil	0.009	0.35	0.97	58.4	39	0.22	0.27	0.04	0.09	17.34	6.5	15	1.67	20.1
3264	Soil	0.039	0.10	1.08	86.8	25	0.19	0.47	<0.01	0.05	34.48	10.8	18	2.46	30.4
3265	Soil	0.024	0.07	1.86	94.8	25	0.34	0.63	0.03	0.08	35.80	17.7	30	2.35	51.4
3266	Soil	0.009	0.16	1.30	31.1	13	0.16	0.44	0.02	0.07	19.52	5.9	19	1.39	27.6
3267	Soil	0.027	0.19	0.88	145.6	22	0.35	0.48	0.04	0.15	29.35	15.3	16	3.70	39.2
3268	Soil	0.031	0.39	1.69	133.8	21	0.82	0.49	0.72	0.28	10.55	19.9	27	4.96	91.9
3269	Soil	0.009	0.14	2.29	47.5	22	0.53	0.43	0.22	0.20	24.49	20.0	44	1.34	53.2
3270	Soil	0.357	0.98	0.41	1043.0	26	0.16	0.51	0.02	0.38	26.77	6.1	10	1.24	27.2
3271	Soil	0.034	0.78	0.57	280.7	23	0.14	0.34	0.02	0.14	8.50	6.2	10	0.88	18.0
3272	Soil	0.033	0.38	0.83	173.9	18	0.12	0.26	0.01	0.10	11.10	4.7	12	0.89	16.0
3273	Soil	0.147	0.46	0.65	1195.7	42	0.14	0.37	0.02	0.45	17.38	8.1	10	1.41	24.8
3274	Soil	0.268	0.53	0.82	891.2	35	0.12	0.31	0.02	0.25	14.88	5.4	13	1.32	15.4
3275	Soil	0.006	0.19	0.82	54.8	23	0.15	0.51	<0.01	0.08	13.99	7.3	15	1.30	25.8
3276	Soil	0.005	0.12	1.44	27.0	34	0.35	0.42	0.12	0.04	13.30	8.5	19	1.63	24.3
3277	Soil	0.018	0.07	1.89	53.2	26	0.31	0.61	0.01	0.09	22.10	16.3	28	2.05	40.4
3278	Soil	0.008	0.13	2.00	59.0	40	0.53	0.80	0.02	0.17	39.11	28.9	25	1.95	50.4
3279	Soil	<0.005	0.18	1.51	39.8	35	0.32	0.55	0.02	0.10	18.44	13.7	20	1.46	38.8
3280	Soil	0.009	0.08	2.03	176.4	25	0.43	0.58	0.01	0.27	30.99	15.7	34	2.55	37.9
3281	Soil	<0.005	0.10	1.62	21.7	30	0.66	0.39	0.16	0.18	21.48	14.5	34	1.71	69.1
3282	Soil	<0.005	0.06	1.23	3.0	17	0.45	0.42	0.08	0.03	21.82	17.8	23	1.21	36.3
3283	Soil	<0.005	0.10	1.44	17.3	31	0.63	0.27	0.12	0.15	23.41	13.4	33	1.14	42.6
3284	Soil	<0.005	0.13	1.99	8.4	30	0.86	0.44	0.27	0.15	26.28	17.9	48	1.65	94.9
3285	Soil	<0.005	0.05	2.19	8.9	19	0.76	0.76	0.12	0.03	23.72	21.4	34	2.50	82.3
3286	Soil	<0.005	0.07	2.01	26.6	32	0.59	0.38	0.16	0.08	36.68	26.8	32	2.20	54.2
3287	Soil	<0.005	0.05	1.16	12.6	31	0.17	0.31	0.03	0.06	20.75	5.6	17	0.81	14.9
3288	Soil	<0.005	0.04	1.57	22.0	37	0.20	0.41	0.02	0.07	31.83	8.3	26	1.19	23.1
3289	Soil	0.005	0.03	1.56	19.6	25	0.30	0.26	0.03	0.08	26.44	8.1	22	0.85	18.5
3290	Soil	<0.005	0.06	1.38	12.5	36	0.23	0.27	0.03	0.12	19.42	7.2	18	0.81	18.7
3291	Soil	0.007	0.06	0.55	4.1	41	0.13	0.17	0.05	0.10	6.54	4.4	7	0.41	6.9
3292	Soil	0.005	0.06	1.14	12.8	18	0.19	0.20	0.03	0.06	11.72	6.8	14	0.51	15.4
3293	Soil	<0.005	0.07	0.95	7.7	48	0.18	0.25	0.05	0.12	13.50	4.6	14	0.64	12.4
3294	Soil	0.005	0.06	0.80	4.5	33	0.13	0.20	0.02	0.08	11.61	5.4	14	0.95	12.1
3295	Soil	<0.005	0.09	1.09	11.0	39	0.16	0.27	0.02	0.10	16.53	7.7	18	0.88	15.4

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3296	Soil	0.006	0.07	1.24	8.1	47	0.22	0.33	0.03	0.14	19.28	9.1	19	1.32	16.7
3297	Soil	<0.005	0.06	1.22	10.2	39	0.28	0.26	0.03	0.14	23.18	9.3	19	0.65	18.9
3298	Soil	<0.005	0.05	0.47	1.9	48	0.10	0.08	0.07	0.21	4.52	3.5	5	0.29	4.7
3299	Soil	<0.005	0.07	1.24	10.6	46	0.32	0.26	0.02	0.14	18.04	9.5	16	0.84	17.9
3300	Soil	<0.005	0.14	0.96	9.5	80	0.23	0.32	0.04	0.17	12.56	8.1	26	0.66	15.7
3301	Soil	0.091	0.06	0.65	3.1	28	0.08	0.10	0.04	0.05	6.77	3.1	6	0.34	6.5
3302	Soil	0.006	0.07	1.28	14.7	34	0.28	0.29	0.03	0.15	18.32	10.8	22	0.67	23.1
3303	Soil	<0.005	0.07	0.82	7.3	38	0.17	0.23	0.02	0.11	11.99	4.8	13	0.62	12.0
3304	Soil	<0.005	0.06	1.56	19.5	30	0.32	0.36	0.02	0.17	20.75	9.8	25	0.73	25.0
3305	Soil	<0.005	0.04	1.58	13.5	36	0.32	0.33	0.06	0.12	26.37	9.2	25	0.97	24.6
3306	Soil	0.005	0.09	1.18	16.9	64	0.37	0.43	0.04	0.15	23.36	7.5	20	1.06	20.1
3307	Soil	<0.005	0.08	0.94	12.5	52	0.33	0.21	0.10	0.24	18.33	7.2	15	0.48	12.9
3308	Soil	<0.005	0.13	1.37	17.7	41	0.45	0.32	0.05	0.19	37.99	12.9	21	0.54	26.4
3309	Soil	<0.005	0.08	1.08	13.3	58	0.30	0.35	0.02	0.12	22.14	9.6	23	1.25	22.4
3310	Soil	<0.005	0.07	0.94	10.0	52	0.20	0.46	0.02	0.10	28.50	6.1	21	1.56	17.3
3311	Soil	<0.005	0.04	1.24	16.0	39	0.25	0.27	0.04	0.13	23.80	9.7	22	0.73	23.1
3312	Soil	<0.005	0.05	1.45	19.6	35	0.21	0.33	0.02	0.13	23.88	8.7	24	0.63	21.0

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1593	Soil	4.20	4.62	<0.05	0.25	0.04	0.03	19.4	40.6	0.69	324	0.82	<0.01	0.22	53.4
1594	Soil	3.94	3.29	<0.05	0.22	0.08	0.02	28.5	23.8	0.45	1066	0.78	0.01	0.26	38.9
1595	Soil	1.45	1.44	<0.05	0.15	0.03	0.02	12.9	3.8	0.10	252	0.27	0.03	0.31	9.8
1596	Soil	3.24	2.70	<0.05	0.26	0.06	0.04	24.7	17.9	0.35	357	0.75	0.01	0.26	39.1
1597	Soil	1.96	2.14	<0.05	0.13	0.04	0.02	18.4	6.6	0.16	622	0.52	0.01	0.51	15.0
1598	Soil	3.97	3.65	<0.05	0.25	0.06	0.03	25.7	27.3	0.47	262	0.69	<0.01	0.18	45.9
1599	Soil	1.18	1.48	<0.05	0.09	0.02	0.02	10.1	2.9	0.07	157	0.27	0.02	0.37	9.2
1600	Soil	0.32	0.80	<0.05	0.08	<0.01	0.02	3.1	1.4	0.03	87	0.11	0.03	0.27	2.3
1601	Soil	0.41	0.81	<0.05	0.06	<0.01	0.02	3.5	1.7	0.04	90	0.11	0.03	0.25	2.2
1602	Soil	4.41	3.69	<0.05	0.21	0.13	0.02	25.8	28.4	0.49	940	0.65	<0.01	0.16	43.0
1603	Soil	3.50	3.11	<0.05	0.25	0.05	0.03	21.2	20.6	0.38	329	0.55	0.02	0.29	38.3
1604	Soil	3.53	2.63	<0.05	0.24	0.06	0.02	25.9	20.7	0.35	352	0.56	0.02	0.31	37.3
1605	Soil	1.42	2.32	<0.05	0.15	0.02	0.02	9.6	11.7	0.19	185	0.26	0.03	0.49	11.7
1606	Soil	2.82	4.04	<0.05	0.25	0.05	0.04	13.5	25.5	0.43	396	0.52	0.01	0.49	26.3
1607	Soil	2.50	3.68	<0.05	0.12	0.03	0.02	10.9	27.1	0.42	637	0.48	0.02	0.31	21.9
1608	Soil	3.26	2.14	<0.05	0.19	0.05	0.03	22.8	12.9	0.26	383	0.77	<0.01	0.25	37.2
1609	Soil	1.56	1.11	<0.05	0.13	0.02	0.02	11.0	3.0	0.07	274	0.31	0.02	0.25	12.6
1610	Soil	2.68	1.84	<0.05	0.12	0.03	0.02	19.7	11.3	0.23	466	0.64	<0.01	0.37	25.1
1611	Soil	2.29	2.13	<0.05	0.19	0.03	0.03	23.7	12.2	0.25	339	0.41	0.01	0.37	20.2
1612	Soil	2.59	1.85	<0.05	0.09	0.03	0.01	9.2	6.2	0.13	629	0.58	0.01	0.35	19.3
1613	Soil	2.77	1.45	<0.05	0.11	0.04	0.02	25.9	10.7	0.27	355	0.62	<0.01	0.19	28.0
1614	Soil	2.70	3.25	<0.05	0.12	0.04	0.02	28.0	29.6	0.57	221	0.44	0.01	0.44	25.2
1615	Soil	2.90	1.96	<0.05	0.15	0.04	0.02	23.7	15.1	0.35	590	0.56	<0.01	0.25	25.9
1616	Soil	2.75	4.16	<0.05	0.14	0.02	0.04	5.7	33.1	0.53	716	0.47	<0.01	0.25	25.3
1617	Soil	2.92	3.75	<0.05	0.12	0.02	0.02	3.6	26.3	0.44	555	0.42	<0.01	0.11	23.0
1618	Soil	2.60	3.56	<0.05	0.12	0.02	0.03	4.5	21.3	0.35	401	0.59	<0.01	0.36	21.2
1619	Soil	0.85	1.75	<0.05	0.04	<0.01	0.02	2.1	7.3	0.13	190	0.19	0.02	0.18	6.8
1620	Soil	3.06	3.96	<0.05	0.11	0.01	0.02	5.0	42.0	0.67	590	0.49	<0.01	0.06	35.5
1621	Soil	2.82	3.95	<0.05	0.16	0.01	0.03	5.3	38.1	0.55	378	0.45	<0.01	0.09	27.7
1622	Soil	3.26	4.20	<0.05	0.07	0.02	0.02	7.1	40.1	0.64	592	0.40	<0.01	<0.05	33.8
1623	Soil	3.04	4.54	<0.05	0.08	0.01	0.03	6.8	41.3	0.67	628	0.63	<0.01	0.06	33.5
1624	Soil	3.21	3.55	<0.05	0.08	0.02	0.02	7.9	33.2	0.64	817	1.54	<0.01	<0.05	40.6
1625	Soil	3.37	4.71	<0.05	0.17	0.02	0.02	8.9	46.5	0.72	672	0.88	<0.01	<0.05	36.4
1626	Soil	3.14	4.33	<0.05	0.13	0.01	0.02	6.8	45.4	0.73	497	0.49	<0.01	<0.05	33.8
1627	Soil	4.09	5.58	<0.05	0.77	0.01	0.02	8.1	54.6	0.87	583	0.40	<0.01	0.08	37.9
1628	Soil	4.32	6.39	<0.05	0.25	0.01	0.02	9.8	58.2	0.89	626	0.43	<0.01	<0.05	40.3
1629	Soil	4.29	5.88	<0.05	0.21	0.01	0.02	9.6	53.5	0.88	615	0.38	<0.01	<0.05	39.6
1630	Soil	4.25	0.74	<0.05	0.05	0.04	0.02	7.6	2.9	0.07	1441	0.74	<0.01	<0.05	47.3
1631	Soil	5.18	2.88	<0.05	0.12	0.04	0.02	10.9	24.5	0.40	1337	0.91	<0.01	<0.05	52.8
1632	Soil	3.72	5.55	<0.05	0.06	0.02	0.02	22.3	18.8	0.26	337	0.77	<0.01	0.22	27.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1633	Soil	4.34	4.34	<0.05	0.11	0.02	0.03	6.4	36.0	0.52	1040	0.46	<0.01	0.08	38.9
1634	Soil	3.45	1.81	<0.05	0.04	0.02	0.03	10.1	6.5	0.11	400	1.04	<0.01	0.08	30.7
1635	Soil	2.27	2.13	<0.05	0.07	0.01	0.04	5.2	3.7	0.09	1066	0.95	<0.01	0.27	19.3
1636	Soil	2.11	2.36	<0.05	0.03	0.01	0.02	5.7	3.0	0.05	384	0.69	0.01	0.19	18.0
1637	Soil	2.61	0.75	<0.05	0.03	0.01	0.02	7.0	3.9	0.04	544	0.35	<0.01	<0.05	18.9
1638	Soil	2.53	3.81	<0.05	0.07	0.01	0.03	3.5	11.0	0.17	1146	0.53	0.01	0.19	15.2
1639	Soil	4.71	8.56	<0.05	0.09	0.02	0.01	10.8	77.0	1.12	706	0.39	<0.01	<0.05	50.3
1640	Soil	4.61	8.46	<0.05	0.10	0.02	0.02	8.9	76.9	1.10	669	0.42	<0.01	<0.05	48.8
1641	Soil	4.78	8.69	<0.05	0.09	0.02	0.02	11.0	80.0	1.10	674	0.38	<0.01	<0.05	49.1
1642	Soil	4.62	8.52	<0.05	0.12	0.02	0.02	10.4	77.2	1.10	769	0.42	<0.01	<0.05	48.6
1643	Soil	3.53	6.59	<0.05	0.13	0.01	0.03	10.3	53.8	0.81	937	0.37	0.01	0.14	34.1
1644	Soil	3.31	5.60	<0.05	0.13	0.02	0.02	7.2	49.9	0.69	443	0.44	<0.01	0.13	32.7
1645	Soil	3.32	2.23	<0.05	0.02	0.02	0.02	5.9	6.5	0.11	337	1.17	<0.01	0.14	21.2
1646	Soil	0.28	1.07	<0.05	0.04	<0.01	0.02	0.9	0.3	0.01	15	0.19	0.03	0.15	0.8
1647	Soil	3.87	1.84	<0.05	<0.02	0.03	0.02	9.4	8.6	0.13	343	1.08	<0.01	0.08	26.1
1648	Soil	3.01	1.90	<0.05	0.02	0.02	0.02	7.8	6.8	0.12	291	0.93	<0.01	0.12	21.5
1649	Soil	0.20	0.94	<0.05	0.03	<0.01	0.02	0.6	0.2	0.01	10	0.17	0.03	0.12	0.4
1650	Soil	2.06	3.24	<0.05	<0.02	0.02	0.03	9.0	10.0	0.15	214	0.80	0.01	0.21	12.6
1651	Soil	0.29	1.06	<0.05	<0.02	<0.01	0.02	0.9	0.4	0.01	13	0.22	0.03	0.09	1.0
1652	Soil	2.89	3.11	<0.05	0.02	0.03	0.03	11.1	16.6	0.21	211	1.34	<0.01	0.29	19.6
1653	Soil	1.90	3.16	<0.05	0.04	0.02	0.02	6.7	19.7	0.26	122	0.44	<0.01	0.22	20.0
1916	Soil	2.13	3.74	<0.05	0.06	0.01	0.03	3.1	18.6	0.29	427	1.48	0.02	0.23	20.5
1917	Soil	1.79	3.91	<0.05	0.04	0.01	0.02	3.6	13.8	0.19	538	0.76	0.02	0.27	11.5
1918	Soil	4.58	6.73	<0.05	0.14	0.03	0.02	10.2	53.8	0.81	699	0.92	<0.01	0.13	44.6
1919	Soil	3.44	5.79	<0.05	0.14	0.02	0.02	6.7	33.4	0.53	541	0.54	0.01	0.29	27.1
1920	Soil	4.44	6.43	<0.05	0.17	0.02	0.02	7.8	42.8	0.61	713	0.70	<0.01	0.23	37.7
1921	Soil	4.61	6.59	0.05	0.09	0.03	0.03	9.0	48.3	0.66	1153	0.97	0.01	0.41	38.3
1922	Soil	3.98	5.55	<0.05	0.06	0.03	0.02	14.4	52.0	0.67	452	0.48	<0.01	0.09	37.9
1923	Soil	2.73	4.12	<0.05	0.93	0.02	0.02	3.4	34.3	0.48	328	0.75	0.01	0.24	26.9
1924	Soil	3.45	4.66	<0.05	0.22	0.02	0.02	5.1	41.8	0.53	353	0.66	<0.01	0.15	33.0
1925	Soil	3.20	4.95	<0.05	0.22	0.02	0.02	5.5	43.0	0.59	507	0.59	<0.01	0.20	33.2
1926	Soil	3.40	4.89	<0.05	0.15	0.02	0.02	5.2	36.8	0.49	408	0.56	0.01	0.20	31.8
1927	Soil	3.81	6.00	<0.05	0.17	0.02	0.01	6.1	58.7	0.73	387	0.49	<0.01	0.14	38.1
1928	Soil	3.40	5.18	<0.05	0.17	0.02	0.02	5.8	45.3	0.60	325	0.71	<0.01	0.20	32.6
1929	Soil	2.81	3.83	<0.05	0.18	0.02	0.02	3.8	35.2	0.53	490	0.44	0.01	0.16	30.5
1930	Soil	3.43	4.95	<0.05	0.19	0.03	0.02	5.9	42.8	0.65	555	0.41	<0.01	0.14	35.8
1931	Soil	3.37	7.71	<0.05	0.09	0.02	0.01	8.4	43.5	0.68	206	0.42	<0.01	0.21	27.7
1932	Soil	2.46	4.86	<0.05	0.09	0.02	0.01	3.1	20.2	0.32	271	0.35	0.01	0.21	13.3
1933	Soil	3.92	6.00	<0.05	0.09	0.02	0.02	6.6	43.7	0.64	438	0.61	<0.01	0.31	31.5
1934	Soil	4.23	6.73	<0.05	0.23	0.04	0.01	5.6	60.2	0.86	481	0.67	0.01	0.14	38.1

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1935	Soil	3.09	5.02	<0.05	0.06	0.02	0.02	9.7	16.9	0.25	278	0.65	<0.01	0.37	18.7
1936	Soil	4.55	3.84	<0.05	0.06	0.02	0.02	8.9	27.8	0.43	380	0.53	<0.01	0.29	33.6
1937	Soil	3.18	6.00	<0.05	0.21	0.02	0.02	7.1	51.1	0.67	345	0.60	0.01	0.24	31.5
1938	Soil	2.68	4.64	<0.05	0.08	0.02	0.02	5.0	27.4	0.42	199	0.61	0.01	0.16	21.3
1939	Soil	4.24	6.71	<0.05	0.10	0.03	0.02	10.4	59.0	0.80	887	0.60	<0.01	0.08	40.2
1940	Soil	4.09	4.83	<0.05	0.07	0.03	0.01	13.3	45.8	0.59	394	1.44	<0.01	<0.05	39.3
1941	Soil	2.05	3.21	<0.05	0.04	0.01	0.01	5.3	21.8	0.33	181	0.44	0.02	0.10	18.1
1942	Soil	1.36	1.58	<0.05	0.09	0.02	0.02	3.2	6.3	0.14	105	0.51	0.02	0.20	12.4
1943	Soil	2.19	1.69	<0.05	0.16	0.04	0.03	4.9	6.5	0.15	403	0.45	0.01	0.20	22.5
1944	Soil	2.50	1.70	<0.05	0.04	0.06	0.02	13.0	3.3	0.05	285	0.64	<0.01	0.07	22.9
1945	Soil	3.30	4.59	<0.05	0.04	0.05	0.02	8.5	25.2	0.40	284	0.62	<0.01	0.36	26.5
1946	Soil	3.32	4.38	<0.05	0.05	0.06	0.02	6.9	23.6	0.34	895	0.62	<0.01	0.35	24.6
1947	Soil	4.73	5.78	<0.05	0.06	0.03	0.02	12.5	42.4	0.59	361	0.47	<0.01	0.29	35.5
1948	Soil	2.83	5.25	<0.05	<0.02	0.02	0.03	10.0	10.8	0.17	341	0.77	<0.01	0.44	15.5
1949	Soil	3.42	5.60	<0.05	0.09	0.02	0.02	4.8	35.0	0.54	372	0.74	<0.01	0.29	26.9
1950	Soil	3.87	5.68	<0.05	0.10	0.02	0.02	6.8	43.1	0.62	458	0.69	<0.01	0.33	32.2
1951	Soil	4.06	5.87	<0.05	0.10	0.02	0.02	7.6	43.3	0.62	423	0.60	<0.01	0.33	31.5
1952	Soil	0.96	2.32	<0.05	0.03	<0.01	0.02	1.8	3.4	0.06	144	0.51	0.02	0.14	5.3
1953	Soil	3.87	6.41	0.06	0.12	0.02	0.02	6.0	45.6	0.72	565	0.57	<0.01	0.14	32.3
1954	Soil	3.93	5.20	<0.05	0.15	0.02	0.02	5.6	47.5	0.75	269	0.59	<0.01	0.07	38.0
1955	Soil	1.27	2.77	<0.05	<0.02	<0.01	0.02	3.7	3.0	0.05	616	0.56	0.02	0.10	5.4
1956	Soil	4.12	4.25	0.07	0.05	0.02	0.03	7.0	18.6	0.30	588	0.82	<0.01	0.32	25.4
1957	Soil	2.28	5.07	<0.05	0.84	0.02	0.02	6.6	14.8	0.23	687	1.37	0.01	0.54	14.3
1958	Soil	2.52	3.92	<0.05	0.18	0.01	0.02	4.9	9.8	0.16	170	0.89	0.01	0.52	12.3
1959	Soil	3.78	3.54	<0.05	0.20	0.02	0.03	5.9	30.3	0.47	753	0.75	<0.01	0.13	39.1
1960	Soil	3.59	4.38	<0.05	0.23	0.02	0.03	5.5	35.6	0.53	594	0.98	<0.01	0.21	36.2
1961	Soil	3.24	3.81	<0.05	0.31	0.02	0.02	6.0	29.0	0.46	521	0.57	<0.01	0.21	30.9
1962	Soil	4.25	4.39	<0.05	0.11	0.03	0.02	10.3	36.9	0.55	736	0.64	<0.01	0.15	39.8
1963	Soil	3.65	4.96	<0.05	0.03	0.02	0.02	12.7	28.8	0.43	314	0.58	<0.01	0.41	26.6
1964	Soil	3.98	5.64	<0.05	0.05	0.02	0.02	11.6	29.6	0.48	352	0.61	<0.01	0.60	26.2
1965	Soil	3.80	5.34	<0.05	0.05	0.02	0.02	11.6	29.7	0.48	408	0.51	<0.01	0.40	25.7
1966	Soil	4.40	4.45	<0.05	0.11	0.03	0.02	7.7	31.8	0.47	535	2.39	<0.01	0.11	41.9
1967	Soil	3.06	4.95	<0.05	0.18	0.02	0.02	3.3	29.2	0.41	765	1.26	0.01	0.31	27.8
1968	Soil	4.64	5.27	0.06	0.13	0.05	0.01	10.9	43.7	0.62	1448	0.88	<0.01	0.27	49.5
1969	Soil	4.68	7.33	0.07	0.12	0.04	0.02	10.1	72.1	0.98	1276	0.61	<0.01	0.06	50.3
1970	Soil	5.03	7.44	0.06	0.15	0.05	0.03	6.5	73.6	1.07	1211	1.28	<0.01	0.06	54.1
1971	Soil	5.37	7.75	0.10	0.08	0.04	0.02	10.8	78.4	1.08	987	0.95	<0.01	<0.05	57.6
1972	Soil	5.39	7.84	0.06	0.14	0.04	0.02	7.5	69.9	0.99	784	0.95	<0.01	0.10	49.3
1973	Soil	4.16	6.10	0.06	0.10	0.03	0.02	10.4	58.1	0.83	445	0.44	<0.01	0.05	43.7
1974	Soil	3.75	3.19	<0.05	0.12	0.03	0.02	5.3	25.8	0.34	2498	0.72	<0.01	0.13	41.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1975	Soil	4.63	3.50	0.07	0.15	0.05	0.02	11.1	31.7	0.44	3960	0.82	<0.01	0.08	49.4
1976	Soil	4.18	4.86	0.06	0.07	0.03	0.02	11.9	42.3	0.64	729	0.66	<0.01	<0.05	49.9
1977	Soil	3.51	4.17	0.05	0.09	0.02	0.01	10.4	33.6	0.51	468	0.60	<0.01	<0.05	37.5
1978	Soil	3.53	3.58	<0.05	0.11	0.02	0.02	8.3	27.4	0.39	503	1.22	<0.01	0.09	33.9
1979	Soil	3.44	2.42	0.05	0.08	0.03	0.02	12.1	15.3	0.24	525	0.93	<0.01	0.08	37.0
1980	Soil	4.08	1.94	0.05	0.05	0.03	0.02	15.0	13.3	0.24	1139	0.80	<0.01	0.07	47.1
1981	Soil	3.32	3.92	<0.05	0.09	0.02	0.02	8.8	26.1	0.40	608	0.64	<0.01	0.17	32.2
1982	Soil	4.34	5.11	<0.05	0.14	0.04	0.03	5.9	39.1	0.61	1598	0.90	<0.01	0.11	41.6
1983	Soil	4.33	6.22	0.06	0.13	0.03	0.02	3.1	41.2	0.63	791	0.78	<0.01	0.26	34.2
1984	Soil	3.15	3.08	<0.05	0.09	0.02	0.02	6.9	18.9	0.31	522	0.80	<0.01	0.16	28.7
1985	Soil	2.24	3.92	<0.05	0.10	0.01	0.03	4.1	20.5	0.32	522	0.87	0.01	0.23	19.0
1986	Soil	3.83	5.06	0.05	0.27	0.03	0.02	4.7	42.6	0.68	493	0.96	<0.01	0.15	39.1
1987	Soil	3.34	4.47	0.05	0.20	0.02	0.02	4.9	37.3	0.59	449	0.46	<0.01	0.19	32.0
1988	Soil	4.24	6.03	0.06	0.15	0.02	0.01	4.9	56.2	0.81	477	0.57	<0.01	0.09	43.0
1989	Soil	3.34	5.27	<0.05	0.15	0.02	0.02	6.6	42.3	0.62	293	0.69	<0.01	0.35	30.0
1990	Soil	3.85	5.17	0.05	0.26	0.02	0.03	5.5	46.2	0.76	462	0.52	<0.01	0.21	35.3
1991	Soil	3.47	5.14	<0.05	0.91	0.02	0.02	12.9	40.4	0.58	584	0.62	<0.01	0.20	32.0
1992	Soil	4.76	6.75	0.07	0.23	0.03	0.02	15.8	62.4	0.89	793	0.63	<0.01	0.13	48.9
1993	Soil	4.44	7.11	0.07	0.23	0.03	0.02	19.4	66.3	0.93	698	0.68	<0.01	0.09	44.9
1994	Soil	4.68	7.41	0.08	0.15	0.03	0.02	16.9	62.5	0.90	508	0.59	<0.01	0.07	43.9
1995	Soil	5.22	7.12	0.09	0.09	0.06	0.02	19.6	68.0	0.89	922	0.77	<0.01	<0.05	56.1
1996	Soil	5.63	9.03	0.09	0.10	0.04	0.02	18.6	86.6	1.19	1118	0.79	<0.01	0.05	62.3
1997	Soil	3.60	7.08	0.06	0.13	0.02	0.03	12.4	39.5	0.57	448	0.72	0.01	0.46	28.8
1998	Soil	3.71	7.06	0.05	0.16	0.02	0.04	12.7	41.5	0.58	405	0.86	0.01	0.32	29.6
1999	Soil	3.72	6.58	0.07	0.11	0.02	0.02	12.8	56.5	0.76	367	0.49	0.01	0.16	36.9
2000	Soil	4.53	6.25	0.06	0.09	0.03	0.02	9.5	57.1	0.80	413	0.60	<0.01	0.15	42.0
2501	Soil	3.56	5.51	0.08	0.05	0.02	0.03	16.1	33.4	0.50	377	0.62	<0.01	0.61	26.6
2502	Soil	3.26	1.97	0.07	0.09	0.03	0.02	17.8	7.4	0.11	332	0.81	<0.01	0.07	37.3
2503	Soil	1.14	2.09	<0.05	0.09	0.01	0.02	5.5	2.6	0.04	72	0.32	0.03	0.24	6.2
2504	Soil	2.01	3.72	0.05	0.03	0.02	0.03	9.9	12.2	0.19	161	0.55	0.02	0.18	14.5
2505	Soil	3.03	4.97	0.06	0.05	0.02	0.02	12.9	30.4	0.40	259	0.70	0.01	0.25	24.5
2506	Soil	2.13	3.12	0.07	0.05	0.02	0.03	9.0	15.6	0.20	167	0.95	0.02	0.18	16.0
2507	Soil	2.38	3.52	0.06	0.03	0.02	0.04	4.4	8.9	0.12	2817	0.63	0.02	0.17	11.7
2508	Soil	3.39	5.45	0.07	0.14	0.02	0.02	9.2	35.8	0.49	296	0.61	<0.01	0.37	25.5
2509	Soil	1.68	3.30	0.07	0.06	0.01	0.02	4.9	14.0	0.20	115	0.52	0.02	0.35	10.1
2510	Soil	2.77	3.87	0.06	0.03	0.01	0.03	8.3	14.0	0.20	243	0.84	0.01	0.26	17.8
2511	Soil	3.16	3.15	0.06	0.03	0.02	0.03	15.2	19.8	0.24	199	0.60	<0.01	0.13	26.4
3253	Soil	4.33	6.94	0.09	0.09	0.02	0.03	16.5	54.4	0.79	1473	0.93	0.01	0.36	36.0
3254	Soil	4.56	6.85	0.10	0.09	0.03	0.02	16.5	60.2	0.89	1068	0.79	<0.01	0.37	42.7
3255	Soil	3.67	6.40	0.07	0.06	0.02	0.02	14.6	41.6	0.61	783	0.70	0.01	0.40	26.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3256	Soil	2.78	2.00	0.08	<0.02	0.05	0.02	14.2	12.1	0.22	985	0.45	<0.01	0.07	24.2
3257	Soil	1.41	3.05	0.07	0.04	<0.01	0.02	6.6	14.5	0.21	288	0.29	0.03	0.21	8.8
3258	Soil	2.88	2.64	0.07	0.06	0.02	0.03	6.4	5.7	0.11	309	1.07	<0.01	0.13	27.8
3259	Soil	3.42	2.99	0.07	0.04	0.02	0.02	8.5	19.6	0.29	1412	0.69	<0.01	0.22	35.3
3260	Soil	2.23	3.71	0.07	0.05	0.02	0.02	7.7	11.0	0.17	411	0.92	0.02	0.35	14.4
3261	Soil	1.62	2.20	0.07	0.07	0.04	0.02	5.5	3.0	0.04	194	0.72	0.03	0.23	9.5
3262	Soil	3.37	6.55	0.07	0.02	0.02	0.02	14.6	11.0	0.17	3391	0.89	<0.01	0.18	15.3
3263	Soil	2.18	4.27	0.07	<0.02	0.01	0.03	9.0	13.4	0.20	660	0.67	0.02	0.23	12.4
3264	Soil	3.41	5.67	0.07	0.02	0.02	0.02	18.5	17.3	0.25	412	0.96	<0.01	0.38	19.5
3265	Soil	4.64	6.44	0.09	0.03	0.03	0.02	18.7	46.5	0.66	607	0.98	<0.01	0.66	36.9
3266	Soil	2.88	4.92	0.06	1.14	0.01	0.02	12.0	42.2	0.47	271	0.67	0.01	0.32	21.7
3267	Soil	3.04	3.33	<0.05	0.14	0.02	0.03	17.4	22.4	0.27	528	1.08	<0.01	0.08	28.6
3268	Soil	3.53	4.88	<0.05	0.42	0.03	0.04	6.1	55.1	0.70	1147	1.03	<0.01	0.15	38.4
3269	Soil	4.36	6.97	0.06	0.18	0.03	0.03	12.3	94.8	1.05	1300	2.05	<0.01	0.09	53.3
3270	Soil	2.79	3.45	0.06	0.05	0.16	0.04	14.2	3.2	0.04	178	1.08	<0.01	0.38	15.5
3271	Soil	2.12	3.25	<0.05	0.04	0.04	0.03	4.9	9.8	0.16	537	0.65	0.01	0.27	12.6
3272	Soil	2.25	2.95	<0.05	0.36	0.02	0.03	6.2	14.0	0.22	197	0.56	0.02	0.51	13.8
3273	Soil	2.65	2.55	<0.05	0.07	0.04	0.05	9.8	13.9	0.21	290	0.86	0.01	0.26	21.0
3274	Soil	2.57	3.31	<0.05	0.10	0.05	0.05	8.0	20.3	0.30	240	0.86	<0.01	0.23	16.6
3275	Soil	3.03	4.25	<0.05	0.05	0.02	0.02	8.3	10.6	0.17	453	0.69	<0.01	0.32	17.8
3276	Soil	3.01	4.77	<0.05	0.12	0.02	0.02	8.1	35.0	0.48	394	0.61	0.01	0.25	23.7
3277	Soil	4.41	6.40	<0.05	0.13	0.03	0.02	12.7	57.8	0.72	892	0.77	<0.01	0.22	34.5
3278	Soil	5.60	6.45	0.06	0.21	0.05	0.02	18.7	50.6	0.62	2767	1.02	<0.01	0.31	42.2
3279	Soil	3.16	5.02	<0.05	0.20	0.02	0.02	9.2	33.5	0.58	850	0.61	0.01	0.21	27.1
3280	Soil	4.37	6.71	<0.05	0.30	0.02	0.03	15.6	46.0	0.73	673	1.24	0.01	0.18	34.2
3281	Soil	3.37	4.51	<0.05	0.12	0.02	0.03	10.4	45.7	0.89	900	1.24	<0.01	0.10	40.8
3282	Soil	3.64	3.55	0.05	0.04	<0.01	0.02	9.4	44.7	0.76	500	0.26	<0.01	0.05	44.1
3283	Soil	2.96	4.16	<0.05	0.11	0.02	0.04	11.0	37.4	0.73	733	0.84	0.01	0.20	38.7
3284	Soil	3.77	5.26	<0.05	0.23	0.02	0.04	13.0	65.6	1.19	1023	2.19	<0.01	0.11	53.4
3285	Soil	4.30	6.90	<0.05	0.08	0.02	0.02	10.8	80.0	1.09	602	0.42	<0.01	<0.05	48.6
3286	Soil	4.19	5.79	<0.05	0.05	0.02	0.03	18.1	62.1	0.97	1079	0.70	<0.01	<0.05	53.7
3287	Soil	2.98	5.75	<0.05	0.03	0.01	0.03	10.9	15.7	0.30	422	0.73	0.02	0.40	14.1
3288	Soil	3.85	6.87	<0.05	0.02	0.02	0.04	15.7	27.3	0.50	480	0.85	0.01	0.47	22.4
3289	Soil	2.95	5.05	<0.05	0.06	0.01	0.02	12.8	33.9	0.54	289	0.57	0.01	0.38	23.9
3290	Soil	2.75	5.15	<0.05	0.03	0.01	0.03	9.7	19.6	0.35	708	0.76	0.01	0.39	16.2
3291	Soil	1.48	4.01	<0.05	0.02	<0.01	0.03	3.5	5.5	0.12	669	0.52	0.02	0.16	5.5
3292	Soil	2.37	4.04	<0.05	0.07	0.01	0.02	5.8	18.7	0.32	288	0.41	0.01	0.30	15.6
3293	Soil	2.11	5.16	<0.05	0.04	0.01	0.03	7.1	9.9	0.17	660	0.70	0.02	0.27	8.9
3294	Soil	1.67	4.15	<0.05	0.04	0.01	0.04	5.7	8.4	0.18	993	0.81	0.03	0.22	8.0
3295	Soil	2.88	5.11	<0.05	0.02	0.02	0.03	8.1	13.5	0.26	900	0.79	0.02	0.26	12.4

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3296	Soil	2.81	5.93	<0.05	<0.02	0.02	0.05	9.6	11.1	0.24	1352	1.18	0.02	0.39	12.9
3297	Soil	2.55	3.93	<0.05	0.02	0.01	0.04	10.6	22.4	0.39	478	0.71	<0.01	0.29	20.9
3298	Soil	0.74	2.74	<0.05	0.03	<0.01	0.03	2.2	2.3	0.06	533	0.49	0.03	0.20	3.9
3299	Soil	2.50	4.78	<0.05	<0.02	0.02	0.04	8.7	19.1	0.36	787	0.71	0.02	0.45	15.1
3300	Soil	3.47	6.31	<0.05	1.12	0.02	0.04	6.0	12.1	0.24	1182	0.85	<0.01	0.50	15.7
3301	Soil	1.08	3.10	<0.05	0.34	<0.01	0.02	3.3	3.2	0.07	424	0.37	0.03	0.28	4.1
3302	Soil	3.52	4.11	<0.05	0.11	0.03	0.03	8.3	26.3	0.49	742	0.68	<0.01	0.31	23.9
3303	Soil	2.33	4.74	<0.05	0.08	0.01	0.03	6.0	6.3	0.12	518	0.65	0.02	0.38	8.3
3304	Soil	3.55	5.08	<0.05	0.07	0.02	0.03	9.5	25.4	0.42	610	1.18	<0.01	0.50	22.3
3305	Soil	3.06	5.37	0.05	0.05	0.02	0.04	12.4	28.0	0.51	489	1.00	0.01	0.63	24.2
3306	Soil	2.94	6.06	<0.05	0.04	0.03	0.05	11.5	11.7	0.24	484	1.20	<0.01	0.61	15.1
3307	Soil	2.10	3.58	<0.05	0.05	0.02	0.03	8.0	15.7	0.27	414	0.62	0.02	0.30	16.6
3308	Soil	3.56	4.48	<0.05	0.07	0.03	0.02	14.0	23.6	0.37	383	0.74	<0.01	0.50	28.1
3309	Soil	2.82	5.15	<0.05	0.03	0.02	0.03	10.5	12.7	0.23	757	1.44	0.01	0.34	18.6
3310	Soil	2.67	8.06	<0.05	0.03	0.02	0.04	14.8	5.1	0.12	580	1.91	<0.01	1.24	13.3
3311	Soil	2.78	4.33	<0.05	0.12	0.02	0.03	10.4	26.5	0.44	317	0.86	0.01	0.41	23.3
3312	Soil	3.27	5.09	0.05	0.05	0.02	0.02	12.0	31.2	0.46	235	0.99	<0.01	0.47	24.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1593	Soil	1031	29.1	1.8	<0.01	0.04	2.66	4.5	0.7	<0.2	185.5	<0.01	0.08	14.4	<0.005
1594	Soil	1439	35.6	1.8	<0.01	0.08	2.22	4.9	1.1	0.2	170.8	<0.01	0.08	4.7	<0.005
1595	Soil	722	14.2	1.9	<0.01	0.05	0.88	1.6	0.4	<0.2	45.6	0.01	0.03	1.0	0.009
1596	Soil	1337	27.3	2.1	<0.01	0.06	2.25	3.9	0.9	0.2	68.5	<0.01	0.08	5.4	<0.005
1597	Soil	1418	18.4	2.1	<0.01	0.20	0.79	1.2	1.1	0.3	179.7	0.01	0.05	0.9	<0.005
1598	Soil	1141	31.8	1.6	<0.01	0.06	1.89	3.7	0.9	0.3	63.6	<0.01	0.11	5.1	<0.005
1599	Soil	697	9.7	1.1	<0.01	0.07	0.54	1.2	0.4	<0.2	65.2	0.01	0.03	0.7	0.009
1600	Soil	474	1.9	0.6	<0.01	0.04	0.14	0.4	0.2	<0.2	36.5	<0.01	0.01	0.3	0.010
1601	Soil	464	2.7	0.8	<0.01	0.04	0.16	0.6	0.3	<0.2	34.1	0.01	0.02	0.3	0.011
1602	Soil	1113	41.4	1.9	<0.01	0.08	2.41	4.5	0.9	<0.2	77.2	<0.01	0.09	3.6	<0.005
1603	Soil	1066	33.3	2.4	<0.01	0.07	1.99	3.8	0.8	0.2	54.6	<0.01	0.09	4.6	0.006
1604	Soil	930	32.1	2.3	<0.01	0.05	2.27	4.9	1.0	0.2	61.7	<0.01	0.08	5.6	0.006
1605	Soil	726	9.6	1.8	<0.01	0.07	0.44	1.7	0.5	<0.2	56.9	0.01	0.02	1.6	0.010
1606	Soil	1157	27.3	3.8	<0.01	0.11	1.22	2.9	0.6	0.2	37.7	<0.01	0.06	4.1	0.006
1607	Soil	810	20.5	2.0	<0.01	0.08	0.77	2.7	0.3	<0.2	37.6	<0.01	0.05	2.5	0.007
1608	Soil	1251	27.5	2.1	<0.01	0.10	2.39	3.6	1.1	0.2	180.8	<0.01	0.08	3.4	<0.005
1609	Soil	1124	10.0	2.0	<0.01	0.07	2.22	1.1	0.5	<0.2	61.4	0.01	0.03	1.0	0.007
1610	Soil	984	17.2	2.3	<0.01	0.13	2.01	1.7	0.9	0.2	106.2	<0.01	0.05	1.7	<0.005
1611	Soil	833	15.1	2.1	<0.01	0.09	0.59	2.6	0.9	<0.2	76.2	<0.01	0.05	2.6	0.005
1612	Soil	714	16.3	2.0	<0.01	0.11	1.01	1.4	0.8	<0.2	61.5	<0.01	0.05	1.2	0.005
1613	Soil	740	18.2	2.0	<0.01	0.11	1.43	1.7	0.8	<0.2	97.7	<0.01	0.05	1.7	<0.005
1614	Soil	625	17.1	1.8	<0.01	0.06	0.88	2.1	0.4	0.2	44.8	<0.01	0.05	2.5	0.006
1615	Soil	1179	18.9	1.7	<0.01	0.13	0.92	2.0	0.7	<0.2	159.5	<0.01	0.06	2.3	<0.005
1616	Soil	725	27.7	3.5	<0.01	0.05	0.57	1.1	0.5	<0.2	25.2	0.02	0.03	4.7	<0.005
1617	Soil	619	22.3	3.0	<0.01	0.03	0.98	0.9	<0.2	<0.2	15.1	<0.01	0.04	4.9	<0.005
1618	Soil	728	25.8	3.1	<0.01	0.06	0.64	0.9	0.4	<0.2	14.1	<0.01	0.05	3.1	<0.005
1619	Soil	415	7.8	1.2	<0.01	0.03	0.21	0.3	<0.2	<0.2	7.3	<0.01	0.02	0.6	0.008
1620	Soil	324	29.1	1.4	<0.01	0.02	0.72	1.3	<0.2	<0.2	15.4	<0.01	0.06	9.7	<0.005
1621	Soil	489	22.3	2.1	<0.01	0.03	0.55	1.2	<0.2	<0.2	15.6	<0.01	0.03	7.9	<0.005
1622	Soil	406	24.9	2.0	<0.01	0.01	0.92	1.6	0.3	<0.2	13.0	<0.01	0.06	10.4	<0.005
1623	Soil	471	28.9	1.9	<0.01	0.01	0.95	1.6	<0.2	<0.2	14.5	<0.01	0.06	8.9	<0.005
1624	Soil	477	22.6	1.7	<0.01	0.03	2.11	3.0	0.3	<0.2	13.3	<0.01	0.08	8.3	<0.005
1625	Soil	472	31.0	2.1	<0.01	0.02	1.11	2.8	0.3	<0.2	9.6	<0.01	0.10	7.9	<0.005
1626	Soil	447	25.1	1.7	<0.01	0.02	0.54	2.1	<0.2	<0.2	12.2	<0.01	0.09	7.8	<0.005
1627	Soil	447	25.7	2.4	<0.01	0.02	0.46	1.9	<0.2	<0.2	9.3	<0.01	0.07	7.9	<0.005
1628	Soil	377	29.5	2.1	<0.01	0.01	0.62	2.1	<0.2	<0.2	7.6	<0.01	0.09	9.0	<0.005
1629	Soil	402	28.7	2.2	<0.01	0.02	0.56	1.8	<0.2	<0.2	7.6	<0.01	0.09	8.6	<0.005
1630	Soil	364	23.7	2.1	<0.01	0.01	7.16	5.4	0.3	<0.2	12.5	<0.01	0.11	9.1	<0.005
1631	Soil	319	44.9	1.6	<0.01	0.02	5.32	5.8	0.4	<0.2	12.1	<0.01	0.14	11.2	<0.005
1632	Soil	428	23.3	4.1	<0.01	0.02	1.48	1.7	0.2	0.3	7.6	<0.01	0.08	9.2	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1633	Soil	810	35.6	2.2	<0.01	0.04	1.60	1.8	<0.2	<0.2	9.4	<0.01	0.08	8.7	<0.005
1634	Soil	556	34.1	2.4	<0.01	0.02	1.63	1.6	<0.2	<0.2	11.2	<0.01	0.08	5.8	<0.005
1635	Soil	1074	30.0	3.9	<0.01	0.08	1.04	0.6	0.3	<0.2	20.3	<0.01	0.04	1.1	<0.005
1636	Soil	592	20.5	3.4	<0.01	0.03	1.10	0.5	<0.2	<0.2	3.7	<0.01	0.06	1.1	<0.005
1637	Soil	548	33.7	1.9	<0.01	0.02	1.63	1.1	<0.2	<0.2	15.9	<0.01	0.05	3.1	<0.005
1638	Soil	1271	38.5	3.2	<0.01	0.07	0.63	0.2	<0.2	<0.2	5.5	<0.01	0.06	0.3	<0.005
1639	Soil	303	25.4	1.5	<0.01	<0.01	0.79	2.6	<0.2	<0.2	6.0	<0.01	0.07	8.0	<0.005
1640	Soil	313	21.9	1.5	<0.01	<0.01	0.67	2.5	<0.2	<0.2	6.1	<0.01	0.06	7.1	<0.005
1641	Soil	276	21.5	1.6	<0.01	<0.01	0.52	2.6	<0.2	<0.2	5.2	<0.01	0.07	7.5	<0.005
1642	Soil	367	24.7	2.1	<0.01	0.01	0.60	2.5	<0.2	<0.2	8.9	<0.01	0.08	6.9	<0.005
1643	Soil	592	25.3	3.8	<0.01	0.02	0.44	1.7	<0.2	<0.2	7.6	<0.01	0.04	4.4	<0.005
1644	Soil	363	48.6	3.0	<0.01	0.02	0.96	1.7	0.3	<0.2	12.8	<0.01	0.07	4.7	<0.005
1645	Soil	502	48.0	2.2	<0.01	0.03	4.23	1.1	0.3	<0.2	9.8	<0.01	0.17	2.4	<0.005
1646	Soil	252	3.3	0.8	<0.01	0.02	0.13	0.1	<0.2	<0.2	5.4	<0.01	0.02	<0.2	0.010
1647	Soil	337	43.7	2.1	<0.01	0.02	4.63	1.9	0.3	<0.2	10.4	<0.01	0.17	7.2	<0.005
1648	Soil	473	35.7	2.2	<0.01	0.03	3.31	1.0	0.2	<0.2	8.3	<0.01	0.14	3.0	<0.005
1649	Soil	187	1.2	0.8	<0.01	0.02	<0.05	<0.1	<0.2	<0.2	5.2	<0.01	<0.01	<0.2	0.010
1650	Soil	525	20.3	4.7	<0.01	0.02	1.50	0.6	0.2	0.2	8.1	<0.01	0.07	1.1	0.005
1651	Soil	206	5.2	0.8	<0.01	0.02	0.08	<0.1	<0.2	<0.2	4.7	<0.01	<0.01	<0.2	0.008
1652	Soil	429	49.0	5.1	<0.01	0.02	3.37	1.2	0.3	0.3	15.6	<0.01	0.13	3.4	<0.005
1653	Soil	582	30.0	4.2	<0.01	0.03	0.98	0.8	<0.2	0.2	24.3	<0.01	0.05	1.7	<0.005
1916	Soil	797	15.5	3.5	<0.01	0.06	2.22	0.4	0.3	<0.2	6.5	<0.01	0.07	0.7	0.005
1917	Soil	933	30.5	2.9	<0.01	0.08	1.47	0.2	0.3	<0.2	6.1	<0.01	0.06	<0.2	<0.005
1918	Soil	528	98.3	2.6	<0.01	0.02	7.68	2.3	0.2	0.2	3.8	<0.01	0.13	7.5	<0.005
1919	Soil	939	103.1	2.5	<0.01	0.05	4.71	1.2	0.3	0.2	6.0	<0.01	0.09	3.0	<0.005
1920	Soil	1052	57.8	3.3	<0.01	0.04	3.70	1.6	0.2	<0.2	4.5	<0.01	0.09	4.9	<0.005
1921	Soil	984	37.0	4.0	<0.01	0.03	1.89	1.6	0.3	0.2	4.5	<0.01	0.11	4.2	0.007
1922	Soil	431	18.0	2.9	<0.01	0.01	0.86	2.0	<0.2	<0.2	8.7	<0.01	0.11	6.4	<0.005
1923	Soil	606	15.5	2.9	<0.01	0.04	0.93	1.3	0.2	<0.2	11.5	<0.01	0.07	2.9	<0.005
1924	Soil	596	19.0	2.5	<0.01	0.03	0.69	1.8	<0.2	<0.2	8.9	<0.01	0.11	4.4	<0.005
1925	Soil	608	17.7	3.5	<0.01	0.04	0.58	1.7	0.4	<0.2	13.3	<0.01	0.07	3.9	<0.005
1926	Soil	572	19.4	4.5	<0.01	0.03	1.10	1.5	0.3	<0.2	12.0	<0.01	0.11	4.2	<0.005
1927	Soil	456	18.7	2.6	<0.01	0.03	0.76	1.9	0.4	<0.2	10.2	<0.01	0.08	5.6	<0.005
1928	Soil	631	21.2	4.2	<0.01	0.04	0.78	1.9	0.4	<0.2	15.9	<0.01	0.07	4.9	<0.005
1929	Soil	664	16.3	3.1	<0.01	0.09	0.71	1.7	0.4	<0.2	28.1	<0.01	0.06	4.0	<0.005
1930	Soil	560	37.3	3.3	<0.01	0.04	1.93	2.2	0.5	<0.2	15.3	<0.01	0.08	5.4	<0.005
1931	Soil	496	11.0	2.4	<0.01	0.02	0.27	1.4	0.2	<0.2	5.5	<0.01	0.06	4.4	<0.005
1932	Soil	800	13.7	2.2	<0.01	0.04	0.21	0.7	0.2	<0.2	13.8	<0.01	0.06	1.5	<0.005
1933	Soil	636	23.2	3.5	<0.01	0.02	0.62	1.4	0.3	0.2	5.7	<0.01	0.09	4.1	<0.005
1934	Soil	618	28.9	2.2	<0.01	0.02	0.26	1.9	<0.2	<0.2	4.6	<0.01	0.11	8.1	<0.005

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1935	Soil	680	22.4	4.3	<0.01	0.02	1.43	0.7	0.3	0.2	5.5	<0.01	0.09	2.7	<0.005
1936	Soil	264	28.5	3.4	<0.01	0.02	2.08	1.3	0.3	<0.2	4.1	<0.01	0.08	8.1	<0.005
1937	Soil	510	22.0	3.3	<0.01	0.03	0.57	1.8	<0.2	<0.2	12.5	<0.01	0.08	4.7	<0.005
1938	Soil	647	13.2	2.7	<0.01	0.02	0.73	1.1	0.3	<0.2	8.8	<0.01	0.07	2.9	<0.005
1939	Soil	391	21.8	1.9	<0.01	0.01	0.49	3.0	<0.2	<0.2	8.8	<0.01	0.12	7.6	<0.005
1940	Soil	278	36.8	2.0	<0.01	0.02	1.92	2.2	<0.2	<0.2	9.7	<0.01	0.10	7.8	<0.005
1941	Soil	291	9.9	1.8	<0.01	0.01	0.50	1.0	<0.2	<0.2	3.4	<0.01	0.07	2.7	<0.005
1942	Soil	508	33.7	2.3	<0.01	0.05	0.77	0.8	<0.2	<0.2	17.6	<0.01	0.05	1.5	<0.005
1943	Soil	651	80.2	5.1	<0.01	0.07	2.11	1.6	0.6	0.2	32.7	<0.01	0.08	2.9	<0.005
1944	Soil	366	107.3	3.6	<0.01	0.02	2.61	1.8	<0.2	0.3	15.1	<0.01	0.08	4.0	<0.005
1945	Soil	460	123.4	3.7	<0.01	0.02	1.66	1.2	<0.2	0.3	7.5	<0.01	0.09	3.4	<0.005
1946	Soil	902	147.2	4.4	<0.01	0.04	1.46	1.0	0.2	0.3	7.3	<0.01	0.07	3.1	<0.005
1947	Soil	414	26.2	4.0	<0.01	0.02	1.00	1.9	0.3	<0.2	5.1	<0.01	0.08	7.5	<0.005
1948	Soil	679	14.8	4.9	<0.01	0.04	0.86	0.4	0.2	0.4	7.3	<0.01	0.09	0.5	0.007
1949	Soil	817	20.9	3.9	<0.01	0.03	1.35	1.0	0.2	<0.2	9.2	<0.01	0.09	2.9	0.005
1950	Soil	492	22.3	3.0	<0.01	0.02	1.08	1.6	0.3	<0.2	6.6	<0.01	0.12	4.3	0.006
1951	Soil	512	22.1	3.1	<0.01	0.02	1.09	1.5	<0.2	<0.2	6.6	<0.01	0.11	4.4	<0.005
1952	Soil	776	6.0	2.1	<0.01	0.05	0.31	<0.1	<0.2	<0.2	6.7	<0.01	0.01	<0.2	<0.005
1953	Soil	958	26.4	3.9	<0.01	0.04	1.22	1.6	<0.2	<0.2	5.9	<0.01	0.08	4.5	<0.005
1954	Soil	376	14.5	2.7	<0.01	0.03	1.00	2.4	0.3	<0.2	7.2	<0.01	0.09	5.6	<0.005
1955	Soil	784	19.0	2.6	<0.01	0.06	0.83	0.1	0.2	<0.2	3.6	<0.01	0.06	<0.2	<0.005
1956	Soil	1379	56.9	3.9	<0.01	0.06	2.22	0.6	0.4	0.3	8.1	<0.01	0.09	1.4	0.006
1957	Soil	1185	28.5	5.5	<0.01	0.09	1.26	0.7	0.2	0.4	13.5	0.02	0.07	1.3	0.008
1958	Soil	961	15.0	2.6	<0.01	0.05	0.68	0.3	0.3	0.3	3.9	<0.01	0.07	0.4	0.005
1959	Soil	712	36.6	2.7	<0.01	0.05	3.61	1.7	0.3	<0.2	12.2	<0.01	0.08	5.1	<0.005
1960	Soil	753	29.9	3.7	<0.01	0.06	2.77	1.9	0.2	0.2	16.4	<0.01	0.10	4.1	<0.005
1961	Soil	1026	22.3	3.7	<0.01	0.07	1.92	2.5	0.3	0.2	22.7	<0.01	0.09	4.6	<0.005
1962	Soil	620	33.2	2.4	<0.01	0.02	2.65	2.0	<0.2	<0.2	5.9	<0.01	0.11	4.9	<0.005
1963	Soil	569	24.0	4.6	<0.01	0.02	0.77	0.9	<0.2	0.3	7.2	<0.01	0.08	1.7	0.006
1964	Soil	668	21.7	3.8	<0.01	0.03	0.79	1.0	<0.2	0.3	5.8	<0.01	0.09	2.3	0.007
1965	Soil	651	16.4	3.5	<0.01	0.02	0.77	0.9	0.3	0.2	3.6	<0.01	0.08	2.7	<0.005
1966	Soil	369	66.6	2.2	<0.01	0.02	2.77	2.3	0.5	<0.2	4.5	<0.01	0.15	5.1	<0.005
1967	Soil	848	25.7	2.2	<0.01	0.06	1.01	1.3	0.4	<0.2	3.5	<0.01	0.13	2.5	0.007
1968	Soil	354	76.0	2.0	<0.01	0.02	3.08	2.8	0.3	0.2	4.8	<0.01	0.16	7.5	<0.005
1969	Soil	507	68.4	2.2	<0.01	0.02	0.55	3.3	0.2	<0.2	6.1	<0.01	0.20	9.5	<0.005
1970	Soil	435	83.2	2.3	<0.01	0.02	0.76	3.4	0.3	0.2	10.2	<0.01	0.18	13.3	<0.005
1971	Soil	491	64.3	2.0	<0.01	0.01	0.48	3.9	0.3	0.2	15.2	<0.01	0.12	14.6	<0.005
1972	Soil	534	38.9	2.7	<0.01	0.02	0.81	2.5	<0.2	0.3	9.4	<0.01	0.19	10.8	<0.005
1973	Soil	372	19.0	2.8	<0.01	0.01	0.89	2.5	<0.2	<0.2	10.0	<0.01	0.09	8.5	<0.005
1974	Soil	829	35.2	2.2	<0.01	0.04	3.52	2.3	<0.2	<0.2	12.6	<0.01	0.16	2.4	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1975	Soil	758	38.8	2.2	<0.01	0.03	5.35	4.4	0.3	<0.2	17.5	<0.01	0.19	4.9	<0.005
1976	Soil	439	24.5	1.3	<0.01	<0.01	3.93	3.4	<0.2	0.2	11.5	<0.01	0.12	8.8	<0.005
1977	Soil	281	16.0	2.0	<0.01	<0.01	1.71	2.5	<0.2	<0.2	6.8	<0.01	0.09	4.6	<0.005
1978	Soil	448	17.1	2.4	<0.01	0.02	2.53	2.5	<0.2	0.2	10.3	<0.01	0.08	4.2	<0.005
1979	Soil	391	20.2	1.9	<0.01	0.02	3.81	2.8	<0.2	0.3	11.7	<0.01	0.12	3.9	<0.005
1980	Soil	402	25.5	1.4	<0.01	0.01	4.45	3.8	<0.2	0.2	11.5	<0.01	0.12	5.3	<0.005
1981	Soil	640	17.8	2.6	<0.01	0.03	2.35	1.8	<0.2	0.2	7.3	<0.01	0.09	2.7	<0.005
1982	Soil	843	31.6	2.6	<0.01	0.03	1.91	2.4	<0.2	0.2	10.8	<0.01	0.12	4.1	<0.005
1983	Soil	896	24.4	2.5	<0.01	0.04	1.25	1.6	<0.2	0.2	7.4	<0.01	0.12	3.0	<0.005
1984	Soil	537	15.9	2.5	<0.01	0.03	2.49	1.5	<0.2	0.2	8.3	<0.01	0.07	1.9	<0.005
1985	Soil	679	8.1	3.6	<0.01	0.05	0.72	0.6	<0.2	<0.2	7.5	<0.01	0.04	0.8	<0.005
1986	Soil	551	19.7	3.4	<0.01	0.03	1.35	3.4	0.2	0.2	11.1	<0.01	0.09	5.3	<0.005
1987	Soil	491	21.8	3.0	<0.01	0.03	1.09	2.1	<0.2	0.2	11.9	<0.01	0.06	3.6	<0.005
1988	Soil	277	14.2	3.0	<0.01	0.01	0.90	2.6	0.3	<0.2	8.1	<0.01	0.08	6.0	<0.005
1989	Soil	676	14.4	4.0	<0.01	0.03	0.60	1.8	0.4	0.2	10.6	<0.01	0.04	3.3	0.006
1990	Soil	824	16.6	4.2	<0.01	0.05	1.16	2.3	<0.2	<0.2	15.9	<0.01	0.06	4.3	<0.005
1991	Soil	552	13.6	3.8	<0.01	0.02	1.65	2.2	0.3	<0.2	4.9	<0.01	0.07	5.1	<0.005
1992	Soil	519	29.0	2.4	<0.01	0.01	1.14	2.3	0.2	<0.2	6.5	<0.01	0.11	8.0	<0.005
1993	Soil	620	42.6	2.1	<0.01	0.02	0.68	2.0	<0.2	<0.2	5.3	<0.01	0.07	7.4	<0.005
1994	Soil	561	19.4	2.0	<0.01	0.02	0.81	2.0	0.3	<0.2	8.3	<0.01	0.09	7.8	<0.005
1995	Soil	378	148.5	1.6	<0.01	<0.01	2.61	3.2	<0.2	0.2	16.3	<0.01	0.12	14.3	<0.005
1996	Soil	489	52.2	1.9	<0.01	<0.01	1.06	4.1	0.2	0.2	12.3	<0.01	0.14	16.6	<0.005
1997	Soil	935	16.0	5.0	<0.01	0.05	0.58	1.3	0.2	0.3	5.5	<0.01	0.07	3.9	<0.005
1998	Soil	1213	15.2	7.1	<0.01	0.06	0.60	1.5	0.5	0.3	5.2	<0.01	0.09	4.8	<0.005
1999	Soil	463	12.6	3.6	<0.01	0.02	0.67	2.1	<0.2	<0.2	8.6	<0.01	0.07	5.6	<0.005
2000	Soil	381	15.5	2.8	<0.01	0.01	0.95	2.4	<0.2	<0.2	8.5	<0.01	0.10	7.7	<0.005
2501	Soil	405	19.9	4.4	<0.01	0.01	0.96	1.0	0.4	0.3	5.0	<0.01	0.09	3.3	0.008
2502	Soil	545	61.6	2.4	<0.01	0.02	3.21	1.9	<0.2	0.3	67.2	<0.01	0.10	3.5	<0.005
2503	Soil	426	22.3	2.0	<0.01	0.02	0.65	0.6	0.2	<0.2	26.6	<0.01	0.01	0.4	0.011
2504	Soil	725	30.9	4.7	<0.01	0.03	0.70	0.4	<0.2	0.3	39.9	<0.01	0.04	0.7	<0.005
2505	Soil	652	20.2	4.1	<0.01	0.03	0.79	0.9	<0.2	0.2	19.5	<0.01	0.06	2.6	<0.005
2506	Soil	854	10.6	3.3	<0.01	0.04	1.47	0.6	0.3	0.2	6.2	<0.01	0.07	0.9	<0.005
2507	Soil	1091	43.9	5.9	<0.01	0.08	0.86	0.5	0.3	0.2	17.5	<0.01	0.06	0.6	<0.005
2508	Soil	889	16.5	4.4	<0.01	0.04	0.83	1.2	0.3	0.2	4.1	<0.01	0.07	3.3	0.005
2509	Soil	897	10.1	2.6	<0.01	0.07	0.33	0.4	0.3	<0.2	4.9	<0.01	0.04	0.4	0.007
2510	Soil	834	12.4	3.7	<0.01	0.06	1.08	0.5	<0.2	<0.2	3.8	<0.01	0.08	0.9	0.006
2511	Soil	434	13.5	4.3	<0.01	0.02	1.55	1.1	0.2	<0.2	5.1	<0.01	0.11	6.1	<0.005
3253	Soil	827	28.3	4.1	<0.01	0.03	1.76	1.4	0.3	0.2	6.4	<0.01	0.08	3.1	0.009
3254	Soil	715	41.4	3.2	<0.01	0.04	2.08	1.7	<0.2	0.2	5.1	<0.01	0.06	4.3	0.007
3255	Soil	956	15.2	3.8	<0.01	0.04	1.28	0.8	0.5	0.3	5.7	<0.01	0.07	1.4	0.008

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3256	Soil	413	193.0	2.2	<0.01	0.02	3.64	1.6	<0.2	<0.2	13.6	<0.01	0.02	7.6	<0.005
3257	Soil	540	7.7	2.0	<0.01	0.04	0.48	0.3	<0.2	<0.2	4.0	<0.01	0.04	0.5	0.007
3258	Soil	1571	12.4	3.2	<0.01	0.06	2.53	0.5	0.3	<0.2	3.5	<0.01	0.05	1.2	<0.005
3259	Soil	530	18.8	2.2	<0.01	0.03	2.01	1.0	0.2	<0.2	6.5	<0.01	0.06	2.6	<0.005
3260	Soil	633	16.2	3.1	<0.01	0.04	0.98	0.4	0.2	0.2	3.4	<0.01	0.03	0.7	0.007
3261	Soil	578	266.6	2.6	<0.01	0.05	4.89	0.4	0.3	0.2	10.3	<0.01	0.04	1.1	<0.005
3262	Soil	1503	45.4	4.7	<0.01	0.04	1.57	0.3	0.2	0.4	5.8	<0.01	0.05	0.8	<0.005
3263	Soil	902	13.6	4.9	<0.01	0.04	1.02	0.3	0.2	0.3	6.3	<0.01	0.04	0.3	0.007
3264	Soil	922	19.4	5.1	<0.01	0.02	1.52	0.6	0.2	0.4	6.7	<0.01	0.08	1.2	<0.005
3265	Soil	566	32.5	4.3	<0.01	0.02	1.80	1.4	0.3	0.4	7.7	<0.01	0.09	3.6	0.011
3266	Soil	737	27.5	2.4	<0.01	0.04	0.90	0.9	<0.2	0.2	7.6	0.01	0.05	3.3	<0.005
3267	Soil	586	24.1	4.2	<0.01	0.01	2.31	1.2	<0.2	<0.2	7.5	<0.01	0.09	4.7	<0.005
3268	Soil	1316	33.0	3.1	<0.01	0.11	2.52	1.8	0.8	<0.2	32.0	<0.01	0.07	4.5	<0.005
3269	Soil	537	34.7	2.3	<0.01	0.03	1.47	2.1	0.3	<0.2	16.4	<0.01	0.07	7.2	<0.005
3270	Soil	422	411.4	6.8	<0.01	0.04	4.37	0.8	0.4	0.5	39.5	<0.01	0.08	3.7	<0.005
3271	Soil	755	106.3	3.9	<0.01	0.04	1.51	0.4	0.4	0.3	10.2	<0.01	0.05	0.6	0.005
3272	Soil	735	32.6	3.3	<0.01	0.04	1.06	0.9	<0.2	<0.2	8.8	0.01	0.05	1.7	0.006
3273	Soil	420	72.2	4.1	<0.01	0.07	5.72	1.0	0.3	0.4	53.6	<0.01	0.11	3.4	<0.005
3274	Soil	528	157.7	4.9	<0.01	0.09	6.44	0.7	0.2	0.4	58.0	<0.01	0.08	3.1	<0.005
3275	Soil	814	57.9	4.0	<0.01	0.02	1.29	0.4	0.3	0.3	7.7	<0.01	0.08	1.3	<0.005
3276	Soil	729	15.0	3.8	<0.01	0.03	1.18	1.0	0.3	<0.2	9.9	<0.01	0.11	3.9	<0.005
3277	Soil	720	35.7	3.4	<0.01	0.02	2.61	1.3	0.2	<0.2	2.6	<0.01	0.11	6.7	<0.005
3278	Soil	867	54.8	4.0	<0.01	0.03	10.02	3.4	0.6	0.2	3.7	<0.01	0.18	6.7	0.005
3279	Soil	812	34.1	3.4	<0.01	0.03	1.32	1.0	0.3	<0.2	4.2	<0.01	0.09	3.6	<0.005
3280	Soil	879	40.1	3.6	<0.01	0.03	1.20	1.6	<0.2	0.2	3.6	<0.01	0.10	7.1	<0.005
3281	Soil	617	21.6	3.0	<0.01	0.02	1.58	2.2	0.3	0.2	8.1	<0.01	0.10	4.8	<0.005
3282	Soil	288	6.6	1.6	<0.01	<0.01	0.55	1.6	<0.2	<0.2	3.9	<0.01	0.14	10.9	0.008
3283	Soil	817	11.8	3.1	<0.01	0.03	1.04	2.5	0.4	0.2	7.9	<0.01	0.06	3.2	<0.005
3284	Soil	502	56.9	3.1	<0.01	0.02	1.33	5.0	<0.2	0.2	17.6	<0.01	0.10	8.6	<0.005
3285	Soil	365	22.4	2.3	<0.01	<0.01	0.69	2.9	<0.2	<0.2	6.7	<0.01	0.13	13.3	<0.005
3286	Soil	434	25.8	2.3	<0.01	<0.01	1.24	3.6	<0.2	<0.2	12.2	<0.01	0.09	13.3	<0.005
3287	Soil	1045	10.7	4.9	<0.01	0.05	0.68	0.4	0.5	0.3	5.5	<0.01	0.07	0.6	0.008
3288	Soil	897	14.0	5.6	<0.01	0.04	0.81	0.7	0.4	0.5	6.2	<0.01	0.06	0.9	0.011
3289	Soil	549	14.6	4.2	<0.01	0.02	0.73	0.8	0.4	0.3	5.2	<0.01	0.04	2.4	0.010
3290	Soil	787	12.9	4.0	<0.01	0.05	0.62	0.4	0.4	0.3	4.9	<0.01	0.05	0.5	0.009
3291	Soil	897	12.0	4.0	<0.01	0.07	0.24	0.1	0.3	<0.2	6.5	<0.01	0.04	<0.2	<0.005
3292	Soil	676	13.2	2.8	<0.01	0.05	0.46	0.4	0.3	<0.2	4.4	<0.01	0.05	0.9	0.009
3293	Soil	881	8.2	4.4	<0.01	0.06	0.46	0.3	0.4	0.3	6.3	<0.01	0.03	0.4	0.005
3294	Soil	843	12.5	5.7	<0.01	0.07	0.39	0.2	0.3	0.3	4.7	<0.01	0.04	<0.2	0.007
3295	Soil	1045	13.9	5.4	<0.01	0.06	0.67	0.4	0.5	0.3	4.7	<0.01	0.05	0.4	0.007

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3296	Soil	919	12.4	9.5	<0.01	0.07	0.77	0.4	0.5	0.5	5.7	<0.01	0.05	0.3	0.009
3297	Soil	850	18.0	5.4	<0.01	0.05	0.65	0.5	0.4	0.3	5.6	<0.01	0.06	0.7	0.008
3298	Soil	480	4.1	2.3	<0.01	0.05	0.17	0.1	0.3	<0.2	9.3	<0.01	0.02	<0.2	0.008
3299	Soil	771	18.4	5.6	<0.01	0.06	0.66	0.6	0.5	0.3	6.2	<0.01	0.06	0.5	0.012
3300	Soil	1355	13.9	6.3	<0.01	0.10	0.85	0.6	0.5	0.3	7.3	0.02	0.06	1.0	0.006
3301	Soil	526	4.3	2.1	<0.01	0.04	0.27	0.3	0.4	<0.2	4.7	<0.01	0.02	0.2	0.009
3302	Soil	1017	18.1	3.8	<0.01	0.05	0.90	0.7	0.4	0.3	5.1	<0.01	0.07	1.0	0.007
3303	Soil	822	10.5	3.9	<0.01	0.07	0.58	0.3	0.5	0.3	4.9	<0.01	0.04	0.3	0.007
3304	Soil	797	22.2	4.7	<0.01	0.05	1.17	0.8	0.6	0.3	4.6	<0.01	0.07	1.4	0.011
3305	Soil	742	17.5	6.5	<0.01	0.03	0.83	1.2	0.5	0.4	8.4	<0.01	0.06	1.8	0.021
3306	Soil	843	15.6	8.1	<0.01	0.07	1.17	0.5	0.5	0.7	8.2	<0.01	0.07	0.4	0.010
3307	Soil	713	13.2	4.0	<0.01	0.05	0.85	0.6	0.2	0.3	9.7	<0.01	0.04	0.6	0.009
3308	Soil	732	18.8	3.5	<0.01	0.04	1.47	1.3	0.3	0.3	7.1	<0.01	0.06	2.2	0.010
3309	Soil	899	14.3	6.8	<0.01	0.05	1.27	0.6	0.4	0.6	6.5	<0.01	0.07	0.6	0.007
3310	Soil	570	11.4	8.1	<0.01	0.04	1.06	0.5	0.6	1.3	6.4	<0.01	0.06	0.3	0.024
3311	Soil	553	16.2	4.1	<0.01	0.03	0.84	0.7	0.3	0.3	6.5	<0.01	0.05	0.8	0.012
3312	Soil	602	18.7	4.3	<0.01	0.04	0.93	0.7	0.5	0.3	6.3	<0.01	0.06	1.1	0.011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1593	Soil	<0.05	2.43	18	<0.05	10.62	105	6.9
1594	Soil	0.05	2.34	16	0.07	24.04	100	5.2
1595	Soil	<0.05	0.82	12	0.07	8.40	38	2.6
1596	Soil	<0.05	1.84	13	<0.05	15.58	94	7.3
1597	Soil	<0.05	2.69	14	0.09	10.39	98	1.7
1598	Soil	<0.05	2.12	16	<0.05	15.47	124	5.9
1599	Soil	<0.05	0.89	10	<0.05	5.21	32	1.8
1600	Soil	<0.05	0.44	8	<0.05	1.87	11	1.8
1601	Soil	<0.05	0.56	9	<0.05	2.11	10	1.4
1602	Soil	<0.05	2.01	16	<0.05	28.55	89	5.4
1603	Soil	<0.05	1.97	15	0.06	15.06	97	6.7
1604	Soil	<0.05	1.84	13	0.05	17.72	83	7.1
1605	Soil	<0.05	0.88	13	0.05	8.13	34	4.5
1606	Soil	0.05	2.56	17	0.08	11.78	82	6.4
1607	Soil	<0.05	0.94	16	0.06	9.98	60	3.4
1608	Soil	<0.05	2.34	14	0.06	16.31	113	5.2
1609	Soil	<0.05	1.07	11	0.05	5.54	33	4.4
1610	Soil	<0.05	1.71	14	0.07	11.74	90	3.6
1611	Soil	<0.05	1.56	14	0.06	14.32	67	5.1
1612	Soil	<0.05	1.40	13	0.06	4.51	100	2.5
1613	Soil	<0.05	1.48	11	<0.05	9.66	83	2.9
1614	Soil	<0.05	1.55	16	0.07	10.92	91	3.4
1615	Soil	<0.05	1.80	13	0.06	13.06	95	3.8
1616	Soil	<0.05	1.30	16	0.09	4.91	86	3.8
1617	Soil	<0.05	0.94	15	<0.05	2.76	69	3.5
1618	Soil	<0.05	0.96	14	0.07	4.50	61	3.6
1619	Soil	<0.05	0.45	10	<0.05	1.19	25	1.1
1620	Soil	<0.05	1.07	13	<0.05	4.42	86	3.8
1621	Soil	<0.05	1.03	14	<0.05	3.94	73	4.5
1622	Soil	<0.05	1.03	14	<0.05	5.43	76	2.8
1623	Soil	<0.05	0.92	16	<0.05	4.69	82	3.1
1624	Soil	<0.05	0.96	15	<0.05	5.96	78	2.9
1625	Soil	<0.05	1.10	17	<0.05	6.31	91	4.5
1626	Soil	<0.05	0.98	15	<0.05	4.48	81	3.9
1627	Soil	<0.05	1.04	17	<0.05	2.65	98	2.7
1628	Soil	<0.05	0.95	19	<0.05	2.36	103	3.6
1629	Soil	<0.05	0.92	18	<0.05	2.32	98	3.5
1630	Soil	<0.05	1.31	10	0.29	12.90	117	1.1
1631	Soil	<0.05	1.08	13	0.14	10.71	116	2.9
1632	Soil	<0.05	1.00	22	0.28	2.05	86	1.1

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1633	Soil	<0.05	1.20	15	0.31	2.10	119	2.1
1634	Soil	<0.05	1.43	11	0.35	2.18	103	<0.5
1635	Soil	<0.05	0.98	13	0.38	1.96	64	1.0
1636	Soil	<0.05	0.72	13	0.46	1.14	59	<0.5
1637	Soil	<0.05	1.31	7	0.49	1.64	81	0.6
1638	Soil	<0.05	0.98	14	0.36	1.18	60	<0.5
1639	Soil	<0.05	1.09	23	<0.05	2.11	121	2.5
1640	Soil	<0.05	1.03	22	0.08	2.02	116	2.3
1641	Soil	<0.05	0.93	23	0.10	2.01	116	2.2
1642	Soil	<0.05	0.92	22	0.71	1.91	116	2.8
1643	Soil	<0.05	0.73	18	0.62	1.57	88	2.5
1644	Soil	<0.05	0.83	17	2.35	1.65	87	3.1
1645	Soil	<0.05	1.11	12	0.37	1.54	96	0.7
1646	Soil	<0.05	0.19	9	<0.05	0.30	5	<0.5
1647	Soil	<0.05	1.30	11	0.22	1.83	115	0.6
1648	Soil	<0.05	0.98	11	0.25	1.31	87	0.7
1649	Soil	<0.05	0.17	9	<0.05	0.20	3	<0.5
1650	Soil	<0.05	0.73	14	0.18	1.09	52	<0.5
1651	Soil	<0.05	0.21	9	<0.05	0.29	5	<0.5
1652	Soil	<0.05	1.27	16	0.34	1.97	80	0.8
1653	Soil	<0.05	0.81	13	0.26	1.80	66	1.1
1916	Soil	<0.05	0.70	15	0.11	0.76	92	1.4
1917	Soil	<0.05	0.63	14	0.06	1.08	48	<0.5
1918	Soil	<0.05	1.25	21	0.07	2.33	145	3.4
1919	Soil	<0.05	0.99	17	0.12	1.57	96	3.3
1920	Soil	<0.05	1.19	21	0.10	2.11	121	4.3
1921	Soil	<0.05	1.02	22	0.14	2.44	105	2.3
1922	Soil	<0.05	1.18	18	<0.05	2.49	100	1.9
1923	Soil	<0.05	0.83	14	0.07	1.69	72	1.9
1924	Soil	<0.05	1.06	16	<0.05	1.72	90	2.9
1925	Soil	<0.05	1.45	15	0.06	3.99	84	4.5
1926	Soil	<0.05	0.98	16	0.10	1.89	97	3.0
1927	Soil	<0.05	1.19	17	0.06	2.70	103	3.7
1928	Soil	<0.05	1.54	16	0.07	3.68	89	4.2
1929	Soil	<0.05	1.45	13	0.05	2.74	119	3.7
1930	Soil	<0.05	1.71	15	0.05	3.65	117	4.5
1931	Soil	<0.05	0.63	21	0.08	1.26	67	2.0
1932	Soil	<0.05	0.81	18	0.06	1.01	40	1.8
1933	Soil	<0.05	0.81	20	0.12	1.34	83	1.9
1934	Soil	<0.05	1.10	20	0.05	2.42	114	4.3

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1935	Soil	<0.05	0.88	18	0.20	1.12	59	1.3
1936	Soil	<0.05	0.99	15	0.31	1.83	93	1.8
1937	Soil	<0.05	3.42	16	0.10	3.31	84	4.6
1938	Soil	<0.05	0.68	14	0.07	1.46	57	2.1
1939	Soil	<0.05	0.83	20	0.08	2.65	108	2.4
1940	Soil	0.06	1.37	16	0.11	3.46	106	2.3
1941	Soil	<0.05	0.37	13	0.06	0.81	47	1.0
1942	Soil	<0.05	0.98	8	0.07	1.09	67	1.7
1943	Soil	<0.05	1.92	10	0.09	4.40	229	4.3
1944	Soil	<0.05	1.29	11	0.10	2.10	159	1.0
1945	Soil	<0.05	0.76	18	0.18	1.37	147	1.1
1946	Soil	<0.05	0.83	18	0.20	1.55	113	1.4
1947	Soil	<0.05	0.72	21	0.20	1.50	103	1.9
1948	Soil	<0.05	0.86	23	0.17	1.49	59	<0.5
1949	Soil	<0.05	0.94	19	0.11	1.29	83	2.3
1950	Soil	<0.05	1.01	19	0.08	2.18	89	2.7
1951	Soil	<0.05	0.90	18	0.09	2.02	87	2.3
1952	Soil	<0.05	0.38	10	0.06	0.49	23	<0.5
1953	Soil	<0.05	0.83	19	0.06	1.44	97	2.7
1954	Soil	<0.05	0.90	17	0.07	2.22	107	3.4
1955	Soil	<0.05	0.50	13	0.13	0.91	23	<0.5
1956	Soil	<0.05	1.09	20	0.24	1.59	90	1.3
1957	Soil	<0.05	1.25	20	0.19	2.26	53	1.7
1958	Soil	<0.05	0.57	19	0.15	0.83	36	<0.5
1959	Soil	<0.05	1.31	15	0.17	2.05	126	3.5
1960	Soil	<0.05	1.06	16	0.14	1.84	115	4.5
1961	Soil	<0.05	2.08	15	0.14	3.68	95	5.2
1962	Soil	<0.05	1.28	17	0.15	2.56	117	2.4
1963	Soil	<0.05	0.62	20	0.14	1.32	77	<0.5
1964	Soil	<0.05	0.73	21	0.19	1.38	77	1.2
1965	Soil	<0.05	0.65	19	0.15	1.25	67	1.2
1966	Soil	<0.05	1.11	16	0.07	2.34	92	2.3
1967	Soil	<0.05	0.91	17	0.08	1.47	69	3.8
1968	Soil	<0.05	1.39	17	0.09	4.08	159	2.1
1969	Soil	0.05	1.52	20	0.11	4.19	144	2.6
1970	Soil	0.05	1.55	19	0.10	3.66	147	3.7
1971	Soil	0.06	1.79	22	0.09	6.53	153	2.5
1972	Soil	<0.05	1.42	21	0.08	3.19	137	3.1
1973	Soil	<0.05	1.13	17	0.06	2.39	108	2.3
1974	Soil	<0.05	1.54	12	0.17	8.20	91	2.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1975	Soil	<0.05	1.95	13	0.11	18.33	109	3.5
1976	Soil	<0.05	1.22	18	0.15	3.92	124	2.8
1977	Soil	<0.05	1.08	14	0.16	2.62	96	2.0
1978	Soil	<0.05	1.25	14	0.19	3.17	84	2.3
1979	Soil	<0.05	1.13	14	0.31	3.84	94	2.1
1980	Soil	<0.05	1.39	15	0.35	5.74	114	1.4
1981	Soil	<0.05	1.07	16	0.22	2.93	87	2.1
1982	Soil	<0.05	1.45	16	0.15	6.04	114	3.2
1983	Soil	<0.05	1.22	19	0.12	2.36	91	2.7
1984	Soil	<0.05	0.87	15	0.43	2.00	76	2.0
1985	Soil	<0.05	0.54	14	0.13	0.92	51	1.5
1986	Soil	<0.05	7.56	16	0.11	9.08	95	5.6
1987	Soil	<0.05	2.73	15	0.10	2.83	92	4.2
1988	Soil	<0.05	2.16	19	0.11	2.30	107	3.1
1989	Soil	<0.05	1.78	17	0.09	2.66	82	3.3
1990	Soil	<0.05	1.33	17	0.12	2.72	119	4.8
1991	Soil	<0.05	1.03	16	0.19	2.40	87	3.3
1992	Soil	<0.05	1.07	19	0.11	2.33	120	2.4
1993	Soil	<0.05	1.00	18	0.09	2.04	109	2.7
1994	Soil	<0.05	1.19	21	0.15	2.24	104	2.0
1995	Soil	0.06	1.40	20	0.12	3.92	214	3.7
1996	Soil	<0.05	1.52	24	0.06	6.70	153	3.9
1997	Soil	0.05	0.74	22	0.12	1.65	70	1.8
1998	Soil	<0.05	0.83	22	0.09	1.37	73	2.4
1999	Soil	<0.05	0.90	18	0.07	2.63	87	2.0
2000	Soil	<0.05	0.98	19	0.09	2.21	109	2.3
2501	Soil	<0.05	0.72	23	0.20	1.99	72	0.9
2502	Soil	<0.05	1.53	23	0.70	4.16	107	<0.5
2503	Soil	<0.05	0.55	14	0.31	1.87	20	<0.5
2504	Soil	<0.05	0.80	15	0.21	1.89	48	<0.5
2505	Soil	<0.05	0.94	17	0.16	1.82	69	1.1
2506	Soil	<0.05	0.75	17	0.12	1.93	60	0.6
2507	Soil	0.05	1.26	14	0.23	1.58	44	0.5
2508	Soil	<0.05	0.72	18	0.18	1.48	68	3.1
2509	Soil	<0.05	0.77	13	0.10	0.98	27	1.0
2510	Soil	<0.05	0.78	17	0.48	1.30	50	0.6
2511	Soil	<0.05	1.51	16	0.41	1.59	71	1.0
3253	Soil	<0.05	0.98	24	0.13	2.01	98	2.1
3254	Soil	<0.05	0.96	24	0.13	1.99	116	2.1
3255	Soil	<0.05	0.71	23	0.14	1.65	70	1.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3256	Soil	<0.05	0.93	8	0.07	4.21	378	<0.5
3257	Soil	<0.05	0.36	12	0.07	0.92	26	0.9
3258	Soil	<0.05	0.85	12	0.10	1.41	80	1.2
3259	Soil	<0.05	0.94	13	0.12	2.57	82	1.1
3260	Soil	<0.05	0.59	17	0.13	1.16	57	<0.5
3261	Soil	<0.05	0.64	9	0.08	1.23	95	1.7
3262	Soil	0.10	0.69	29	0.15	1.44	66	0.8
3263	Soil	<0.05	0.61	20	0.14	1.22	46	0.5
3264	Soil	0.06	0.80	24	0.17	1.46	62	0.5
3265	Soil	0.05	0.96	27	0.20	1.94	103	1.0
3266	Soil	<0.05	0.62	17	0.08	0.73	52	1.5
3267	Soil	<0.05	1.04	12	0.14	2.05	95	1.1
3268	Soil	<0.05	4.43	15	0.20	15.01	102	5.7
3269	Soil	<0.05	2.83	21	0.09	4.82	105	3.5
3270	Soil	0.15	0.99	17	1.01	1.20	79	<0.5
3271	Soil	0.10	0.68	15	0.36	0.67	44	0.5
3272	Soil	0.11	0.67	14	0.31	0.80	37	1.2
3273	Soil	1.85	1.08	12	0.82	1.03	68	0.6
3274	Soil	1.32	0.77	13	0.88	1.04	55	1.5
3275	Soil	0.05	0.76	18	0.20	0.83	57	0.5
3276	Soil	<0.05	1.15	14	0.07	1.14	69	2.3
3277	Soil	<0.05	0.92	19	0.09	1.41	95	3.0
3278	Soil	0.06	1.18	19	0.14	6.95	111	4.3
3279	Soil	<0.05	1.02	16	0.06	1.10	78	3.7
3280	Soil	<0.05	1.24	20	<0.05	1.54	102	5.9
3281	Soil	<0.05	1.38	19	0.05	3.43	90	2.9
3282	Soil	<0.05	1.08	17	<0.05	2.17	86	1.5
3283	Soil	<0.05	1.09	21	<0.05	3.13	70	2.4
3284	Soil	<0.05	2.90	24	<0.05	7.24	85	5.6
3285	Soil	<0.05	1.29	19	<0.05	3.18	115	2.4
3286	Soil	<0.05	1.27	18	<0.05	4.63	117	1.8
3287	Soil	0.06	0.66	24	0.13	1.35	41	<0.5
3288	Soil	0.08	0.76	30	0.23	2.02	60	<0.5
3289	Soil	<0.05	0.75	20	0.12	2.15	65	1.3
3290	Soil	0.06	0.65	23	0.12	1.68	50	0.5
3291	Soil	<0.05	0.44	17	0.08	0.64	28	<0.5
3292	Soil	<0.05	0.59	17	0.09	1.56	43	1.4
3293	Soil	0.05	0.60	21	0.10	1.08	36	0.7
3294	Soil	0.05	0.51	20	0.09	0.97	30	<0.5
3295	Soil	0.05	0.65	22	0.11	1.61	45	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3296	Soil	0.09	0.68	31	0.17	1.51	51	<0.5
3297	Soil	<0.05	0.79	22	0.13	2.38	60	<0.5
3298	Soil	<0.05	0.30	13	0.08	0.58	20	<0.5
3299	Soil	0.06	0.76	24	0.13	1.90	56	<0.5
3300	Soil	<0.05	0.70	26	0.11	1.63	63	0.5
3301	Soil	<0.05	0.34	14	0.08	0.84	17	0.6
3302	Soil	<0.05	0.74	21	0.11	2.48	64	0.9
3303	Soil	<0.05	0.59	20	0.11	1.49	34	0.6
3304	Soil	0.06	0.96	24	0.14	2.72	66	0.9
3305	Soil	0.08	1.14	30	0.19	3.12	69	0.5
3306	Soil	0.09	1.16	34	0.25	2.75	63	<0.5
3307	Soil	<0.05	0.77	19	0.15	2.73	50	<0.5
3308	Soil	0.05	1.19	22	0.14	6.42	62	1.1
3309	Soil	0.10	1.07	30	0.17	3.38	53	<0.5
3310	Soil	0.13	0.68	56	0.27	2.08	60	<0.5
3311	Soil	0.06	0.74	26	0.17	2.40	63	<0.5
3312	Soil	0.06	0.79	26	0.15	2.18	72	<0.5

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1593	Soil		0.23	1.42	22.1	26	0.56	0.50	5.60	0.08	38.14	27.4	23	0.68	56.9
1593 Dup			0.24	1.40	22.6	26	0.56	0.50	5.63	0.08	38.36	27.6	23	0.70	56.2
QCV1108-01852-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.24					8.74				22.2			>10000
1611	Soil		0.11	0.90	6.0	48	0.53	0.22	1.60	0.19	40.93	8.5	10	0.23	24.2
1611 Dup			0.11	0.90	5.9	48	0.53	0.23	1.60	0.19	40.31	8.5	10	0.24	23.6
QCV1108-01852-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			94.29												6079.0
1629	Soil		0.08	1.87	12.6	29	0.46	0.46	0.08	0.05	17.63	17.5	27	0.81	40.2
1629 Dup			0.08	1.90	13.3	29	0.46	0.45	0.08	0.05	17.88	17.5	29	0.86	40.5
QCV1108-01852-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			96.92												6178.6
1647	Soil		0.12	0.50	246.6	20	0.36	0.51	0.01	0.32	17.28	13.8	10	3.01	38.1
1647 Dup			0.14	0.49	246.5	21	0.36	0.46	0.01	0.32	17.82	13.5	10	3.04	37.4
QCV1108-01852-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.31					9.44				23.1			>10000
1927	Soil		0.07	1.78	75.4	24	0.30	0.44	0.22	0.10	11.95	13.5	29	2.57	34.9
1927 Dup			0.07	1.85	74.7	25	0.30	0.42	0.23	0.10	12.10	13.3	29	2.58	35.4
QCV1108-01852-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					9.05				22.8			>10000
1945	Soil		0.52	1.08	488.5	19	0.17	0.41	0.02	0.38	16.15	9.3	19	4.04	24.2
1945 Dup			0.52	1.17	494.1	19	0.17	0.42	0.02	0.38	16.66	9.8	21	4.13	25.7
QCV1108-01852-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			96.04												6374.9
1963	Soil		0.12	1.20	74.6	36	0.16	0.35	0.01	0.12	23.60	9.0	22	1.08	20.6
1963 Dup			0.13	1.25	74.8	36	0.15	0.35	0.02	0.13	24.09	9.6	23	1.17	19.8
QCV1108-01852-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6384.8
1981	Soil		0.06	1.18	111.9	31	0.42	0.45	0.05	0.08	17.25	14.7	20	2.17	36.5
1981 Dup			0.06	1.19	110.3	31	0.43	0.42	0.04	0.08	17.54	14.6	20	2.28	36.0
QCV1108-01852-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.08												6371.1

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1999	Soil		0.05	2.04	12.3	31	0.26	0.39	0.02	0.05	25.32	11.1	28	1.93	30.1
1999 Dup			0.06	1.95	12.8	31	0.25	0.37	0.02	0.05	24.68	11.2	28	1.91	30.0
QCV1108-01852-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.29					8.88				20.5			>10000
3258	Soil		0.08	0.54	210.0	14	0.21	0.45	0.04	0.13	9.00	13.1	18	2.43	33.6
3258 Dup			0.08	0.53	208.4	14	0.20	0.44	0.04	0.13	8.92	13.5	17	2.07	33.7
QCV1108-01852-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.38					8.72				21.0			>10000
QCV1108-01852-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
3276	Soil		0.12	1.44	27.0	34	0.35	0.42	0.12	0.04	13.30	8.5	19	1.63	24.3
3276 Dup			0.12	1.43	26.6	34	0.35	0.44	0.12	0.04	13.03	8.5	19	1.69	24.4
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.52					9.57				21.6			>10000
QCV1108-01852-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
3294	Soil		0.06	0.80	4.5	33	0.13	0.20	0.02	0.08	11.61	5.4	14	0.95	12.1
3294 Dup			0.06	0.78	4.5	32	0.13	0.19	0.02	0.08	11.47	5.2	14	0.96	11.7
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6395.5
QCV1108-01852-0037-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
3312	Soil		0.05	1.45	19.6	35	0.21	0.33	0.02	0.13	23.88	8.7	24	0.63	21.0
3312 Dup			0.05	1.50	19.4	34	0.21	0.32	0.02	0.12	23.07	8.6	22	0.61	21.6
QCV1108-01852-0039-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6259.5
1593	Soil	<0.005													
1593 Dup		0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.909													
1611	Soil	<0.005													
1611 Dup		<0.005													
QCV1108-01853-0004-BLK		<0.005													
1629	Soil	<0.005													
1629 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.391													
1647	Soil	0.028													
1647 Dup		0.029													
QCV1108-01853-0008-BLK		<0.005													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1927	Soil	0.017													
1927 Dup		0.028													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.388													
1945	Soil	0.051													
1945 Dup		0.054													
QCV1108-01853-0012-BLK		<0.005													
1963	Soil	0.014													
1963 Dup		0.019													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.475													
1981	Soil	0.025													
1981 Dup		0.027													
QCV1108-01853-0016-BLK		<0.005													
1999	Soil	0.005													
1999 Dup		0.006													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.943													
3258	Soil	0.040													
3258 Dup		0.043													
QCV1108-01853-0020-BLK		<0.005													
3276	Soil	0.005													
3276 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.962													
3294	Soil	0.005													
3294 Dup		0.005													
QCV1108-01853-0024-BLK		<0.005													
3312	Soil	<0.005													
3312 Dup		<0.005													
QCV1108-01853-0026-BLK		<0.005													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1593	Soil	4.20	4.62	<0.05	0.25	0.04	0.03	19.4	40.6	0.69	324	0.82	<0.01	0.22	53.4
1593 Dup		4.10	4.62	<0.05	0.20	0.05	0.02	20.5	39.2	0.68	322	0.80	<0.01	0.16	51.1
QCV1108-01852-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1611	Soil	2.29	2.13	<0.05	0.19	0.03	0.03	23.7	12.2	0.25	339	0.41	0.01	0.37	20.2
1611 Dup		2.30	2.21	<0.05	0.20	0.03	0.03	23.2	12.2	0.24	341	0.40	0.01	0.37	19.9
QCV1108-01852-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1629	Soil	4.29	5.88	<0.05	0.21	0.01	0.02	9.6	53.5	0.88	615	0.38	<0.01	<0.05	39.6
1629 Dup		4.32	6.18	<0.05	0.18	0.02	0.02	11.1	58.2	0.89	622	0.39	<0.01	0.05	38.3
QCV1108-01852-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1647	Soil	3.87	1.84	<0.05	<0.02	0.03	0.02	9.4	8.6	0.13	343	1.08	<0.01	0.08	26.1
1647 Dup		3.71	1.85	<0.05	<0.02	0.03	0.02	10.2	8.7	0.13	327	1.04	<0.01	0.08	25.3
QCV1108-01852-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1927	Soil	3.81	6.00	<0.05	0.17	0.02	0.01	6.1	58.7	0.73	387	0.49	<0.01	0.14	38.1
1927 Dup		3.97	5.90	<0.05	0.15	0.02	0.01	6.6	55.3	0.75	412	0.48	<0.01	0.14	39.3
QCV1108-01852-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1945	Soil	3.30	4.59	<0.05	0.04	0.05	0.02	8.5	25.2	0.40	284	0.62	<0.01	0.36	26.5
1945 Dup		3.61	4.78	<0.05	0.04	0.05	0.02	9.7	26.5	0.43	298	0.66	<0.01	0.39	27.8
QCV1108-01852-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1963	Soil	3.65	4.96	<0.05	0.03	0.02	0.02	12.7	28.8	0.43	314	0.58	<0.01	0.41	26.6
1963 Dup		3.60	5.14	<0.05	0.03	0.02	0.02	14.2	30.0	0.43	310	0.64	<0.01	0.44	25.8
QCV1108-01852-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1981	Soil	3.32	3.92	<0.05	0.09	0.02	0.02	8.8	26.1	0.40	608	0.64	<0.01	0.17	32.2
1981 Dup		3.48	4.07	<0.05	0.09	0.02	0.02	9.7	25.9	0.41	611	0.63	<0.01	0.16	32.2
QCV1108-01852-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1999	Soil	3.72	6.58	0.07	0.11	0.02	0.02	12.8	56.5	0.76	367	0.49	0.01	0.16	36.9
1999 Dup		3.78	6.37	0.06	0.11	0.02	0.02	12.1	55.7	0.76	373	0.50	0.01	0.17	36.8
QCV1108-01852-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3258	Soil	2.88	2.64	0.07	0.06	0.02	0.03	6.4	5.7	0.11	309	1.07	<0.01	0.13	27.8
3258 Dup		2.86	2.65	0.07	0.05	0.02	0.03	4.7	5.2	0.11	329	0.96	<0.01	0.14	26.8
QCV1108-01852-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01852-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3276	Soil	3.01	4.77	<0.05	0.12	0.02	0.02	8.1	35.0	0.48	394	0.61	0.01	0.25	23.7
3276 Dup		3.03	4.81	<0.05	0.16	0.02	0.02	8.1	36.7	0.48	390	0.62	0.01	0.28	24.6
QCV1108-01852-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3294	Soil	1.67	4.15	<0.05	0.04	0.01	0.04	5.7	8.4	0.18	993	0.81	0.03	0.22	8.0
3294 Dup		1.67	4.22	<0.05	0.02	0.01	0.04	5.9	8.4	0.18	894	0.76	0.03	0.20	8.0
QCV1108-01852-0037-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3312	Soil	3.27	5.09	0.05	0.05	0.02	0.02	12.0	31.2	0.46	235	0.99	<0.01	0.47	24.7
3312 Dup		3.25	5.02	<0.05	0.04	0.02	0.02	11.8	30.7	0.48	240	0.92	<0.01	0.47	24.5
QCV1108-01852-0039-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1593	Soil	1031	29.1	1.8	<0.01	0.04	2.66	4.5	0.7	<0.2	185.5	<0.01	0.08	14.4	<0.005
1593 Dup		982	29.9	1.9	<0.01	0.04	2.83	4.3	0.8	<0.2	204.0	<0.01	0.08	13.9	<0.005
QCV1108-01852-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			24.9				1.88		14.2	14.8					
1611	Soil	833	15.1	2.1	<0.01	0.09	0.59	2.6	0.9	<0.2	76.2	<0.01	0.05	2.6	0.005
1611 Dup		816	15.2	2.2	<0.01	0.09	0.56	2.6	0.7	<0.2	78.5	<0.01	0.06	2.6	0.005
QCV1108-01852-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9490.4												
1629	Soil	402	28.7	2.2	<0.01	0.02	0.56	1.8	<0.2	<0.2	7.6	<0.01	0.09	8.6	<0.005
1629 Dup		381	30.0	2.4	<0.01	0.02	0.59	1.9	<0.2	<0.2	8.1	<0.01	0.09	9.1	<0.005
QCV1108-01852-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1647	Soil	337	43.7	2.1	<0.01	0.02	4.63	1.9	0.3	<0.2	10.4	<0.01	0.17	7.2	<0.005
1647 Dup		323	45.6	2.1	<0.01	0.02	4.56	1.8	<0.2	<0.2	10.4	<0.01	0.17	6.8	<0.005
QCV1108-01852-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.2				2.01		13.4	15.9					
1927	Soil	456	18.7	2.6	<0.01	0.03	0.76	1.9	0.4	<0.2	10.2	<0.01	0.08	5.6	<0.005
1927 Dup		473	19.3	2.6	<0.01	0.03	0.77	2.0	0.3	<0.2	10.5	<0.01	0.09	5.8	<0.005
QCV1108-01852-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.4				2.04		14.4	16.5					
1945	Soil	460	123.4	3.7	<0.01	0.02	1.66	1.2	<0.2	0.3	7.5	<0.01	0.09	3.4	<0.005
1945 Dup		483	122.7	3.8	<0.01	0.02	1.76	1.3	0.3	0.3	8.0	<0.01	0.09	3.8	<0.005
QCV1108-01852-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1963	Soil	569	24.0	4.6	<0.01	0.02	0.77	0.9	<0.2	0.3	7.2	<0.01	0.08	1.7	0.006
1963 Dup		558	23.3	5.0	<0.01	0.02	0.79	0.9	0.2	0.3	8.2	<0.01	0.07	1.7	0.007
QCV1108-01852-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1981	Soil	640	17.8	2.6	<0.01	0.03	2.35	1.8	<0.2	0.2	7.3	<0.01	0.09	2.7	<0.005
1981 Dup		639	17.2	2.6	<0.01	0.03	2.40	1.8	0.3	0.2	7.6	<0.01	0.09	2.7	<0.005
QCV1108-01852-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1999	Soil	463	12.6	3.6	<0.01	0.02	0.67	2.1	<0.2	<0.2	8.6	<0.01	0.07	5.6	<0.005
1999 Dup		456	12.8	3.4	<0.01	0.02	0.68	2.1	0.2	<0.2	8.3	<0.01	0.10	5.5	<0.005
QCV1108-01852-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			26.1				1.96		12.7	15.9					
3258	Soil	1571	12.4	3.2	<0.01	0.06	2.53	0.5	0.3	<0.2	3.5	<0.01	0.05	1.2	<0.005
3258 Dup		1554	11.9	2.9	<0.01	0.06	2.57	0.4	<0.2	<0.2	2.9	<0.01	0.06	1.0	<0.005
QCV1108-01852-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			26.6				2.14		12.9	16.0					
QCV1108-01852-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
3276	Soil	729	15.0	3.8	<0.01	0.03	1.18	1.0	0.3	<0.2	9.9	<0.01	0.11	3.9	<0.005
3276 Dup		745	15.5	3.8	<0.01	0.03	1.25	1.1	0.2	<0.2	10.1	<0.01	0.09	4.3	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.6				2.11		13.5	17.2					
QCV1108-01852-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
3294	Soil	843	12.5	5.7	<0.01	0.07	0.39	0.2	0.3	0.3	4.7	<0.01	0.04	<0.2	0.007
3294 Dup		836	11.9	5.6	<0.01	0.07	0.37	0.2	0.4	0.3	4.5	<0.01	0.05	<0.2	0.007
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1108-01852-0037-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
3312	Soil	602	18.7	4.3	<0.01	0.04	0.93	0.7	0.5	0.3	6.3	<0.01	0.06	1.1	0.011
3312 Dup		593	19.0	4.2	<0.01	0.04	0.97	0.7	0.4	0.3	6.2	<0.01	0.05	1.2	0.011
QCV1108-01852-0039-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1593	Soil	<0.05	2.43	18	<0.05	10.62	105	6.9
1593 Dup		<0.05	2.41	18	<0.05	10.93	107	6.6
QCV1108-01852-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							161	
1611	Soil	<0.05	1.56	14	0.06	14.32	67	5.1
1611 Dup		<0.05	1.64	14	0.06	14.73	69	4.9
QCV1108-01852-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5273	
1629	Soil	<0.05	0.92	18	<0.05	2.32	98	3.5
1629 Dup		<0.05	0.96	19	<0.05	2.42	103	3.7
QCV1108-01852-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5458	
1647	Soil	<0.05	1.30	11	0.22	1.83	115	0.6
1647 Dup		<0.05	1.26	11	0.21	1.78	114	0.6
QCV1108-01852-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
1927	Soil	<0.05	1.19	17	0.06	2.70	103	3.7
1927 Dup		<0.05	1.20	18	0.06	2.65	105	3.6
QCV1108-01852-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							166	
1945	Soil	<0.05	0.76	18	0.18	1.37	147	1.1
1945 Dup		<0.05	0.79	19	0.16	1.53	150	1.2
QCV1108-01852-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5342	
1963	Soil	<0.05	0.62	20	0.14	1.32	77	<0.5
1963 Dup		<0.05	0.62	21	0.14	1.42	80	<0.5
QCV1108-01852-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5425	
1981	Soil	<0.05	1.07	16	0.22	2.93	87	2.1
1981 Dup		<0.05	1.05	16	0.21	2.93	88	2.0
QCV1108-01852-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5296	

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-06257-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1999	Soil	<0.05	0.90	18	0.07	2.63	87	2.0
1999 Dup		<0.05	0.90	18	0.08	2.55	86	2.3
QCV1108-01852-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							158	
3258	Soil	<0.05	0.85	12	0.10	1.41	80	1.2
3258 Dup		<0.05	0.84	12	0.09	1.33	80	1.1
QCV1108-01852-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							157	
QCV1108-01852-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
3276	Soil	<0.05	1.15	14	0.07	1.14	69	2.3
3276 Dup		<0.05	1.26	15	0.07	1.17	69	2.3
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							158	
QCV1108-01852-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
3294	Soil	0.05	0.51	20	0.09	0.97	30	<0.5
3294 Dup		<0.05	0.51	20	0.11	0.98	30	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5328	
QCV1108-01852-0037-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
3312	Soil	0.06	0.79	26	0.15	2.18	72	<0.5
3312 Dup		0.06	0.80	25	0.14	2.19	70	<0.5
QCV1108-01852-0039-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5366	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

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Attention: Melanie Debnam

Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 3**
Description: **3 ACE**

Date Received: 08/19/2011
Date Completed: 09/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	143	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5501	Soil	0.008	0.05	1.74	19.3	42	0.38	0.37	0.08	0.15	32.52	14.5	26	0.59	32.3
5502	Soil	0.006	0.11	1.02	6.5	52	0.46	0.18	1.09	0.25	43.22	6.1	9	0.34	18.5
5503	Soil	<0.005	0.05	1.03	14.4	53	0.40	0.37	0.31	0.11	40.90	10.3	16	0.52	23.4
5504	Soil	<0.005	0.09	1.28	14.3	39	0.29	0.30	0.02	0.15	21.96	6.6	16	0.64	20.6
5505	Soil	0.007	0.07	1.04	8.4	32	0.20	0.23	0.03	0.12	18.07	5.7	14	1.30	19.0
5506	Soil	<0.005	0.06	1.27	8.0	48	0.29	0.22	0.06	0.16	26.40	5.4	12	0.81	13.0
5507	Soil	<0.005	0.06	1.14	6.0	28	0.20	0.19	0.06	0.05	14.65	4.1	10	0.79	12.7
5508	Soil	0.006	0.07	1.25	9.3	29	0.26	0.25	0.03	0.08	19.95	6.0	16	0.66	16.3
5509	Soil	0.005	0.04	1.27	10.7	20	0.28	0.35	0.03	0.08	18.43	10.3	19	0.39	21.1
5510	Soil	<0.005	0.08	1.31	12.6	47	0.15	0.37	0.02	0.14	14.92	8.1	23	0.59	22.5
5511	Soil	0.005	0.09	1.37	8.6	40	0.17	0.34	0.05	0.14	14.95	6.8	25	0.63	18.9
5512	Soil	<0.005	0.08	1.47	13.3	37	0.26	0.33	0.03	0.16	21.99	7.9	27	0.69	22.7
5513	Soil	<0.005	0.04	1.63	9.6	45	0.24	0.33	0.03	0.16	25.52	7.9	29	1.00	19.7
5514	Soil	<0.005	0.02	0.44	0.7	15	0.06	0.04	0.05	0.02	4.66	1.0	3	0.20	4.3
5515	Soil	<0.005	0.04	1.28	8.1	30	0.17	0.32	0.03	0.10	20.29	6.0	18	0.56	17.6
5516	Soil	<0.005	0.03	0.60	6.1	34	0.09	0.18	0.02	0.10	12.55	3.4	12	0.71	10.8
5517	Soil	0.007	0.03	1.51	20.4	28	0.31	0.36	0.02	0.09	26.45	13.4	26	0.98	29.1
5518	Soil	0.007	0.05	1.12	10.7	22	0.14	0.22	0.02	0.06	12.85	4.7	16	0.54	14.0
5519	Soil	0.095	0.06	1.20	51.0	32	0.15	0.42	0.02	0.09	21.91	7.6	25	1.15	17.0
5520	Soil	0.010	0.04	1.98	76.8	40	0.24	0.44	0.02	0.11	27.11	13.9	31	1.50	25.6
5521	Soil	0.017	0.04	1.91	73.3	24	0.26	0.44	0.02	0.09	26.57	10.8	29	1.14	23.7
5522	Soil	0.006	0.05	1.17	30.6	31	0.18	0.29	0.02	0.08	19.10	5.5	21	0.89	14.1
5523	Soil	<0.005	0.06	1.15	13.1	43	0.18	0.46	0.02	0.08	23.33	6.3	22	1.39	19.1
5524	Soil	<0.005	0.04	1.19	22.6	27	0.16	0.27	0.02	0.07	15.34	6.0	20	1.04	15.2
5525	Soil	<0.005	0.06	1.32	30.9	28	0.17	0.35	0.02	0.09	16.63	6.2	22	0.87	16.2
5526	Soil	0.005	0.04	1.78	7.9	30	0.47	0.45	0.06	0.15	17.58	13.6	26	0.73	33.9
5527	Soil	<0.005	0.04	1.27	6.3	31	0.28	0.19	0.05	0.08	13.68	6.8	14	0.50	14.6
5528	Soil	0.010	0.03	1.18	2.2	21	0.44	0.17	0.18	0.08	18.91	8.4	14	0.25	25.1
5529	Soil	<0.005	0.04	1.75	24.6	41	0.50	0.44	0.05	0.34	34.31	20.2	37	0.92	37.8
5530	Soil	0.007	0.10	2.59	23.3	25	0.99	0.42	0.12	0.07	75.69	33.6	44	3.49	67.1
5531	Soil	0.005	0.03	2.26	19.5	22	0.64	0.48	0.11	0.07	28.11	20.3	37	2.01	39.3
5532	Soil	0.008	0.06	2.00	40.1	21	0.53	0.38	0.11	0.09	23.70	18.2	36	1.11	40.7
5533	Soil	0.008	0.27	1.86	69.0	29	0.42	0.45	0.30	0.10	18.86	17.0	29	1.33	41.7
5534	Soil	0.006	0.17	2.34	106.6	25	0.77	0.70	0.10	0.09	20.72	26.5	29	3.04	62.3
5535	Soil	<0.005	0.17	0.97	49.0	17	0.18	0.33	0.01	0.04	8.18	4.4	12	1.42	21.0
5536	Soil	0.006	0.11	1.49	48.6	19	0.27	0.50	0.02	0.07	10.64	12.7	18	1.55	34.3
5537	Soil	0.014	0.09	1.60	75.1	22	0.51	0.60	0.05	0.08	15.03	22.0	23	2.07	51.0
5538	Soil	0.017	0.14	0.52	82.1	18	0.10	0.38	<0.01	0.05	12.16	5.8	12	0.94	17.4
5539	Soil	0.267	1.01	0.41	3452.9	59	0.10	0.45	<0.01	3.28	16.48	3.2	9	2.28	12.0
5540	Soil	0.027	0.23	1.82	251.4	21	0.14	0.41	0.01	0.15	18.12	10.0	28	0.83	22.7

3Ace Property, Northern Tiger Resources Inc.
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5541	Soil	0.109	0.30	0.33	610.6	27	0.06	0.35	0.01	0.23	22.32	3.1	6	0.67	15.2
5542	Soil	0.053	0.35	0.33	448.2	19	<0.05	0.40	<0.01	0.14	26.63	2.1	6	0.88	11.4
5543	Soil	0.162	1.41	0.45	1267.2	27	0.11	0.45	0.01	0.40	16.42	2.7	8	1.12	14.0
5544	Soil	0.115	0.73	0.38	955.9	27	0.07	0.33	<0.01	0.25	14.23	1.5	4	1.28	11.4
5545	Soil	0.057	0.43	0.83	734.2	28	0.14	0.38	<0.01	0.21	16.54	7.5	13	1.03	24.7
5546	Soil	0.022	0.31	0.66	176.8	17	0.15	0.27	0.01	0.21	16.74	6.5	12	0.84	18.2
5547	Soil	0.055	0.20	0.80	237.9	20	0.23	0.42	0.11	0.13	24.03	11.9	11	1.78	25.1
5548	Soil	0.105	0.86	1.40	183.9	22	0.32	0.40	0.03	0.24	19.20	12.8	23	1.54	31.3
5549	Soil	0.134	0.56	1.07	491.7	20	0.24	0.47	0.03	0.38	23.13	12.1	19	0.82	33.5
5550	Soil	0.014	0.17	0.81	251.7	21	0.45	0.43	0.04	0.27	21.66	15.3	11	1.57	32.4
5551	Soil	0.031	2.63	0.63	2842.4	55	0.09	0.40	0.01	1.69	16.52	6.3	8	0.83	25.5
5552	Soil	0.083	0.23	0.48	244.5	22	0.13	0.13	0.07	0.36	6.83	4.1	8	0.74	10.7
5553	Soil	0.014	0.20	0.94	44.7	40	0.75	0.50	1.03	0.20	31.02	20.6	11	0.96	46.2
5554	Soil	<0.005	0.06	0.55	10.7	14	0.20	0.11	0.05	0.06	4.21	5.0	6	0.89	12.3
5555	Soil	0.064	0.18	1.28	103.3	43	0.81	0.50	1.04	0.34	32.79	17.0	14	1.43	43.1
5556	Soil	0.058	0.25	1.58	107.2	20	0.61	1.01	0.21	0.24	27.32	41.3	21	1.66	66.6
5557	Soil	0.049	0.16	1.43	55.5	15	0.56	0.78	0.29	0.13	27.92	29.5	20	1.07	55.6
5558	Soil	0.092	0.29	1.97	194.6	26	0.57	0.56	0.07	0.50	38.49	24.7	28	1.15	50.4
5559	Soil	0.093	0.25	1.93	315.9	32	0.31	0.40	0.02	0.34	22.62	11.0	27	1.51	26.6
5560	Soil	0.011	0.22	2.43	88.7	14	0.14	0.34	0.04	0.13	29.60	13.1	38	0.90	28.1
5561	Soil	0.006	0.21	1.16	159.5	32	0.27	0.44	0.02	0.11	16.66	10.3	16	1.82	25.9
5562	Soil	<0.005	0.06	1.63	49.1	18	0.18	0.37	<0.01	0.07	23.24	11.6	26	1.05	36.6
5563	Soil	<0.005	0.30	1.50	36.3	51	0.21	0.28	0.04	0.16	16.01	12.0	24	1.20	21.4
5564	Soil	<0.005	0.14	2.36	30.7	18	0.22	0.41	0.03	0.07	23.44	14.9	39	1.96	33.0
5565	Soil	0.012	0.11	1.39	134.1	23	0.24	0.16	0.02	0.06	9.59	5.6	8	2.32	23.3
5566	Soil	0.016	0.15	1.46	98.8	27	0.14	0.30	0.01	0.06	13.79	8.2	25	1.50	15.9
5567	Soil	0.006	0.18	1.79	38.4	24	0.21	0.35	0.02	0.04	19.13	9.2	28	3.17	21.6
5568	Soil	0.028	0.14	1.72	247.1	27	0.25	0.43	0.04	0.08	17.90	11.7	28	1.29	28.4
5569	Soil	0.016	0.14	2.04	171.1	34	0.40	0.48	0.02	0.13	12.39	13.9	35	1.60	27.7
5570	Soil	0.011	0.24	1.70	168.1	26	0.18	0.34	0.02	0.12	8.19	13.0	29	1.16	28.4
5571	Soil	0.010	0.07	1.06	46.6	21	0.13	0.18	0.05	0.07	7.88	6.7	13	0.83	16.4
5572	Soil	<0.005	0.07	1.66	28.1	21	0.25	0.36	0.02	0.10	10.56	13.6	27	1.86	30.6
5573	Soil	0.006	0.07	1.87	26.6	22	0.29	0.47	0.03	0.09	9.45	13.0	32	2.65	35.3
5574	Soil	0.007	0.06	1.83	19.7	19	0.23	0.32	0.02	0.06	9.04	11.5	29	1.92	31.4
5575	Soil	<0.005	0.12	2.08	30.1	28	0.25	0.36	0.03	0.14	9.78	15.2	33	1.72	26.8
5576	Soil	0.005	0.14	1.26	13.8	19	0.18	0.25	0.02	0.06	8.25	8.1	21	1.11	19.7
5577	Soil	<0.005	0.11	1.63	17.7	29	0.22	0.40	0.02	0.15	8.87	10.4	28	2.18	24.7
5578	Soil	0.010	0.05	2.03	44.7	21	0.30	0.31	0.09	0.11	15.64	18.9	33	1.36	40.2
5579	Soil	0.007	0.13	1.73	29.8	21	0.25	0.31	0.02	0.12	9.11	8.8	23	0.97	20.7
5580	Soil	0.012	0.09	1.83	78.5	23	0.29	0.29	0.06	0.11	11.74	14.7	28	1.16	33.5

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5581	Soil	0.007	0.25	0.77	42.0	27	0.14	0.15	0.02	0.05	4.86	5.4	9	0.99	9.7
5582	Soil	0.011	0.11	1.28	98.4	37	0.18	0.35	0.02	0.08	5.52	9.9	24	1.42	15.6
5583	Soil	0.007	0.11	1.57	28.7	21	0.18	0.45	0.02	0.09	7.02	7.1	31	1.70	17.9
5584	Soil	0.008	0.17	1.46	28.9	33	0.20	0.42	0.02	0.08	7.52	7.3	29	1.71	22.2
5585	Soil	<0.005	0.09	2.13	30.2	12	0.21	0.43	0.03	0.06	9.55	12.1	35	2.32	33.5
5586	Soil	0.006	0.12	1.94	15.5	22	0.16	0.36	0.02	0.05	9.09	7.0	33	1.32	20.5
5587	Soil	<0.005	0.43	1.19	7.9	26	0.15	0.33	0.01	0.06	11.19	2.7	18	1.10	11.8
5588	Soil	0.005	0.06	2.06	61.8	17	0.28	0.48	<0.01	0.08	13.09	12.9	33	1.31	36.9
5589	Soil	0.005	0.25	1.62	38.2	15	0.13	0.39	0.01	0.15	13.33	12.5	31	1.45	29.2
5590	Soil	0.005	0.17	0.18	9.2	14	<0.05	0.04	0.02	0.15	2.28	1.6	2	0.44	6.4
5591	Soil	0.046	0.25	1.01	68.7	29	0.49	0.41	0.22	0.21	13.10	16.6	13	0.69	35.2
5592	Soil	0.032	0.12	0.86	68.6	51	0.53	0.65	0.12	0.19	8.59	31.4	13	2.21	53.3
5593	Soil	0.015	0.08	1.35	45.4	12	0.37	0.57	9.08	0.12	6.21	33.6	20	0.76	53.1
5594	Soil	0.007	0.10	2.05	45.9	39	0.48	0.65	1.19	0.53	24.89	26.5	25	1.20	48.3
5595	Soil	0.026	0.07	0.92	37.3	24	0.28	0.40	0.03	0.10	8.92	12.6	13	1.04	26.9
5596	Soil	0.007	0.06	0.68	64.4	15	0.13	0.55	0.01	0.05	10.24	8.5	16	3.04	30.0
5597	Soil	0.009	0.07	1.61	120.8	21	0.25	0.61	0.01	0.09	14.81	17.7	27	1.53	45.3
5598	Soil	0.007	0.07	1.00	84.7	31	0.15	0.43	<0.01	0.08	13.73	8.8	20	1.23	24.6
5599	Soil	0.022	0.07	1.60	108.4	23	0.28	0.60	0.01	0.09	11.52	19.9	27	1.45	40.9
5600	Soil	0.017	0.12	0.63	27.0	19	0.13	0.23	0.01	0.04	6.51	5.6	9	1.21	15.7
5601	Soil	0.005	0.08	1.27	92.3	19	0.21	0.58	0.01	0.10	10.17	14.6	25	1.30	40.8
5602	Soil	0.009	0.10	1.42	94.0	15	0.27	0.62	<0.01	0.09	10.46	20.4	24	1.16	47.4
5603	Soil	0.009	0.16	1.24	47.6	24	0.20	1.06	<0.01	0.08	7.27	8.6	28	1.28	41.4
5604	Soil	0.018	0.13	1.41	74.4	19	0.33	0.55	0.03	0.28	10.15	17.3	22	0.92	44.6
5605	Soil	0.014	0.08	1.34	99.0	23	0.26	0.55	0.02	0.12	11.65	16.0	23	1.08	40.7
5606	Soil	0.009	0.15	0.71	64.0	16	0.12	0.30	0.01	0.08	7.66	7.0	14	1.00	18.0
5607	Soil	0.005	0.06	1.77	36.1	24	0.43	0.56	0.05	0.16	12.06	30.3	28	1.68	59.9
5608	Soil	0.012	0.08	1.95	146.9	31	0.57	0.55	0.11	0.22	17.17	46.1	29	1.70	55.1
5609	Soil	0.011	0.05	1.30	50.7	19	0.33	0.51	0.02	0.08	13.77	22.0	21	1.28	48.6
5610	Soil	0.022	0.06	1.36	121.1	26	0.23	0.45	<0.01	0.07	15.20	14.8	23	1.14	31.9
5611	Soil	0.009	0.18	0.91	40.5	35	0.17	0.36	0.02	0.15	8.96	7.0	21	1.20	25.7
5612	Soil	0.008	0.16	1.53	111.2	17	0.24	0.38	0.02	0.13	7.97	14.3	28	1.32	35.0
5613	Soil	0.009	0.05	1.53	63.7	14	0.25	0.30	0.01	0.04	11.56	12.5	25	1.02	25.3
5614	Soil	0.008	0.09	1.90	44.7	36	0.28	0.37	0.01	0.14	9.78	10.4	36	1.12	30.5
5615	Soil	0.007	0.09	1.71	84.7	25	0.29	0.33	0.01	0.13	11.80	11.3	25	1.17	23.9
5616	Soil	0.012	0.21	0.89	50.3	75	0.22	0.22	0.02	0.20	8.54	11.1	12	0.63	19.3
5617	Soil	0.010	0.13	1.69	123.0	25	0.26	0.34	0.02	0.13	11.79	9.8	28	1.15	24.8
5618	Soil	0.011	0.13	1.48	91.3	31	0.26	0.36	0.02	0.20	11.97	9.0	30	0.99	25.7
5619	Soil	<0.005	0.12	1.08	82.6	56	0.15	0.42	0.02	0.12	10.10	6.8	28	0.91	21.3
5620	Soil	0.016	0.30	1.19	51.5	23	0.16	0.26	<0.01	0.09	7.75	4.8	21	0.81	16.8

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5621	Soil	0.010	0.14	1.12	81.6	42	0.22	0.44	0.02	0.10	9.65	10.4	21	1.24	31.1
5622	Soil	0.023	0.12	1.82	85.2	13	0.28	0.38	0.01	0.09	9.41	15.1	30	1.30	39.8
5623	Soil	0.010	0.19	1.77	84.3	21	0.21	0.40	0.01	0.16	10.35	13.0	35	0.85	26.8
5624	Soil	<0.005	0.29	0.86	74.7	66	0.19	0.42	0.04	0.16	9.59	8.3	17	1.72	19.4
5625	Soil	0.009	0.12	1.26	50.9	21	0.19	0.36	0.02	0.07	8.61	6.0	24	0.70	20.0
5626	Soil	0.006	0.06	0.88	38.1	54	0.20	0.50	0.01	0.08	19.84	7.8	19	1.19	21.0
5627	Soil	0.016	0.17	1.24	86.4	28	0.26	0.48	0.04	0.14	15.01	9.1	21	1.01	22.0
5628	Soil	0.037	0.26	1.42	154.0	26	0.15	0.40	0.11	0.30	13.18	11.0	22	0.84	26.2
5629	Soil	0.007	0.08	1.11	51.7	31	0.16	0.37	0.05	0.15	9.18	8.1	20	0.98	23.9
5630	Soil	0.008	0.06	1.60	39.7	18	0.42	0.58	0.07	0.10	12.95	19.0	21	0.87	40.8
5631	Soil	0.010	0.08	1.51	46.7	30	0.46	0.81	0.08	0.15	18.17	31.6	20	1.12	45.7
5632	Soil	0.006	0.08	1.38	42.1	27	0.22	0.47	0.06	0.10	15.39	9.8	24	1.32	27.6
5633	Soil	0.009	0.09	1.58	38.1	30	0.21	0.54	0.04	0.09	17.21	11.5	27	1.73	29.2
5634	Soil	0.007	0.07	1.98	22.0	20	0.17	0.48	0.01	0.06	17.24	9.5	34	1.67	30.2
5635	Soil	0.013	0.04	2.04	101.4	17	0.30	0.58	<0.01	0.06	15.82	18.2	32	1.80	57.8
5636	Soil	0.007	0.24	1.27	17.2	32	0.15	0.50	0.02	0.11	13.01	5.1	23	3.16	25.8
5637	Soil	0.011	0.46	0.54	45.2	24	0.08	0.27	0.02	0.17	10.40	5.3	10	0.88	16.0
5638	Soil	<0.005	0.10	1.57	38.0	22	0.17	0.58	0.01	0.08	14.66	7.9	28	0.87	18.9
5639	Soil	0.028	0.16	1.20	125.1	20	0.22	0.36	0.01	0.19	10.72	11.7	19	1.16	29.8
5640	Soil	0.008	0.25	0.44	466.0	14	0.13	0.31	0.02	0.51	7.77	6.0	10	1.25	28.2
5641	Soil	0.093	0.36	0.63	531.5	14	0.38	0.87	0.03	1.41	12.52	12.9	11	1.90	61.1
5642	Soil	0.009	0.24	0.39	76.4	11	0.14	0.24	0.02	0.24	4.94	8.7	6	1.01	23.0
5643	Soil	0.013	0.14	1.83	59.8	14	0.37	0.50	0.09	0.09	12.79	15.6	31	0.90	28.0

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Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5501	Soil	3.43	4.79	<0.05	0.19	0.02	0.03	15.9	31.6	0.62	494	0.82	<0.01	0.55	30.4
5502	Soil	1.77	1.96	<0.05	0.16	0.04	0.02	21.7	5.7	0.13	546	0.43	0.02	0.47	12.9
5503	Soil	3.27	3.25	<0.05	0.08	0.05	0.02	14.4	13.3	0.29	353	0.67	<0.01	0.47	24.8
5504	Soil	3.26	4.56	<0.05	0.07	0.02	0.03	8.5	9.1	0.22	392	1.06	<0.01	0.56	14.6
5505	Soil	1.85	4.05	<0.05	0.05	0.02	0.03	9.4	8.1	0.18	605	1.10	0.02	0.47	11.9
5506	Soil	1.53	3.94	<0.05	0.09	0.03	0.03	10.4	10.0	0.21	244	0.58	0.02	0.50	12.6
5507	Soil	1.36	3.62	<0.05	0.04	0.01	0.03	6.9	9.1	0.21	154	0.56	0.03	0.50	8.7
5508	Soil	2.06	4.08	<0.05	0.05	0.02	0.03	9.4	16.8	0.34	246	0.64	0.02	0.47	16.9
5509	Soil	2.70	3.32	<0.05	0.09	0.01	0.02	7.7	25.8	0.50	245	0.44	<0.01	0.26	24.3
5510	Soil	3.49	5.70	<0.05	0.05	0.02	0.03	7.5	13.0	0.32	726	0.85	<0.01	0.48	16.3
5511	Soil	3.45	5.81	<0.05	0.04	0.02	0.03	7.7	11.3	0.31	865	0.93	0.01	0.50	13.3
5512	Soil	4.24	6.58	<0.05	0.06	0.02	0.03	10.7	15.1	0.38	553	0.89	<0.01	0.69	18.5
5513	Soil	3.03	5.60	<0.05	0.07	0.02	0.03	13.0	23.8	0.54	499	1.15	<0.01	0.31	21.8
5514	Soil	0.36	1.80	<0.05	0.04	<0.01	0.02	2.3	1.2	0.04	82	0.25	0.03	0.19	1.8
5515	Soil	2.98	5.39	<0.05	0.02	0.02	0.03	9.7	13.1	0.33	235	0.85	0.01	0.54	15.0
5516	Soil	1.56	3.74	<0.05	0.03	<0.01	0.02	6.5	4.0	0.10	381	0.75	0.02	0.19	6.9
5517	Soil	3.19	5.13	<0.05	0.04	0.02	0.04	12.6	29.6	0.68	462	0.81	<0.01	0.56	30.2
5518	Soil	2.39	4.32	<0.05	0.05	0.01	0.03	6.3	12.6	0.30	332	0.63	0.02	0.33	12.6
5519	Soil	3.42	6.07	<0.05	0.02	0.02	0.03	11.6	16.2	0.34	919	0.68	0.01	0.33	16.0
5520	Soil	4.42	6.67	<0.05	0.07	0.02	0.04	14.1	29.4	0.58	1704	0.80	<0.01	0.47	26.5
5521	Soil	3.90	5.59	<0.05	0.06	0.02	0.03	13.4	30.1	0.67	706	0.68	<0.01	0.39	27.9
5522	Soil	2.78	5.77	<0.05	<0.02	0.01	0.03	9.8	11.4	0.27	609	0.88	0.02	0.59	12.1
5523	Soil	2.96	6.52	<0.05	<0.02	0.01	0.03	12.6	9.4	0.22	786	1.15	0.01	0.44	12.7
5524	Soil	2.56	4.84	<0.05	0.05	0.01	0.03	7.9	16.7	0.36	629	0.66	0.02	0.32	16.8
5525	Soil	3.06	5.74	<0.05	<0.02	0.02	0.03	8.4	15.4	0.35	460	0.82	0.01	0.52	16.3
5526	Soil	3.24	4.50	<0.05	0.18	0.01	0.03	9.0	37.5	0.82	1586	1.06	<0.01	0.14	29.3
5527	Soil	2.01	4.07	<0.05	0.05	<0.01	0.03	6.8	17.4	0.35	1105	0.59	0.02	0.26	15.0
5528	Soil	1.66	3.11	<0.05	0.06	<0.01	0.03	9.8	16.7	0.43	975	0.57	0.03	0.24	17.2
5529	Soil	3.86	4.77	<0.05	0.13	0.03	0.04	15.7	29.4	0.70	1437	1.78	<0.01	0.34	40.0
5530	Soil	4.71	8.88	0.07	0.10	0.02	0.03	41.3	68.7	1.21	1146	0.42	<0.01	<0.05	57.3
5531	Soil	4.29	6.62	<0.05	0.20	0.02	0.04	14.4	51.4	0.96	806	0.46	<0.01	0.09	42.0
5532	Soil	4.18	5.24	<0.05	0.16	0.02	0.04	11.1	50.1	0.97	908	0.43	<0.01	0.08	43.9
5533	Soil	3.82	5.47	<0.05	0.15	0.02	0.02	9.6	45.2	0.75	936	0.50	0.01	0.14	37.3
5534	Soil	4.74	5.68	<0.05	0.13	0.03	0.03	10.7	61.9	0.77	908	0.70	<0.01	0.09	45.8
5535	Soil	2.07	3.36	<0.05	1.06	0.01	0.02	4.6	15.8	0.24	386	0.49	0.02	0.28	11.3
5536	Soil	3.44	4.95	<0.05	0.23	0.01	0.02	6.6	32.5	0.49	538	0.49	0.01	0.29	25.3
5537	Soil	3.65	4.50	<0.05	0.16	0.02	0.03	9.0	40.0	0.63	674	0.53	<0.01	0.11	37.4
5538	Soil	2.13	2.90	<0.05	0.08	0.01	0.02	7.6	7.4	0.11	316	0.44	<0.01	0.20	13.1
5539	Soil	2.19	2.11	<0.05	0.06	0.17	0.05	9.8	6.8	0.11	293	0.79	<0.01	0.11	7.0
5540	Soil	4.57	5.90	<0.05	0.09	0.04	0.03	9.8	36.8	0.66	508	0.78	<0.01	0.41	30.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5541	Soil	1.76	4.36	<0.05	0.04	0.02	0.04	12.0	1.0	0.02	126	1.02	0.01	0.19	6.5
5542	Soil	1.47	3.65	<0.05	0.03	0.02	0.03	15.1	1.1	0.02	59	0.84	<0.01	0.31	5.6
5543	Soil	2.02	2.25	<0.05	0.03	0.11	0.04	9.0	6.0	0.10	144	0.74	<0.01	0.19	7.4
5544	Soil	1.32	1.75	<0.05	0.04	0.07	0.03	7.2	1.1	0.02	42	0.58	0.01	0.18	3.7
5545	Soil	3.26	3.54	<0.05	0.04	0.04	0.03	9.1	10.9	0.19	421	0.71	0.01	0.31	19.8
5546	Soil	2.18	3.99	<0.05	0.10	0.03	0.02	8.5	9.5	0.16	336	0.76	0.01	0.12	12.2
5547	Soil	2.82	2.36	<0.05	0.08	0.02	0.02	14.0	16.1	0.26	712	0.48	<0.01	<0.05	24.7
5548	Soil	3.62	5.27	<0.05	0.06	0.03	0.02	9.8	22.9	0.41	842	0.65	<0.01	0.33	24.4
5549	Soil	4.42	3.95	<0.05	0.06	0.05	0.02	11.2	16.3	0.31	722	1.05	<0.01	0.20	31.3
5550	Soil	3.78	2.39	<0.05	0.08	0.04	0.02	8.4	11.1	0.19	1011	1.09	0.01	0.15	32.6
5551	Soil	3.45	4.14	<0.05	0.02	0.56	0.02	8.4	2.1	0.05	922	0.59	<0.01	0.22	11.6
5552	Soil	1.43	2.26	<0.05	0.08	0.03	0.02	3.5	7.5	0.13	286	0.53	0.02	0.21	9.7
5553	Soil	4.04	1.89	<0.05	0.22	0.05	0.02	14.2	14.2	0.31	2110	1.18	<0.01	0.08	45.3
5554	Soil	1.04	2.04	<0.05	0.06	<0.01	0.02	2.2	9.3	0.16	231	0.20	0.03	0.17	7.6
5555	Soil	4.62	2.98	<0.05	0.17	0.05	0.02	14.9	18.8	0.35	1796	1.10	<0.01	0.17	43.6
5556	Soil	5.43	4.47	<0.05	0.24	0.05	0.02	14.9	35.9	0.67	2653	1.62	<0.01	0.07	67.7
5557	Soil	4.86	4.11	0.05	0.14	0.04	0.02	15.5	36.2	0.66	1906	1.21	<0.01	<0.05	63.0
5558	Soil	4.58	5.08	<0.05	0.14	0.06	0.01	17.7	47.6	0.79	1734	0.89	<0.01	0.10	54.6
5559	Soil	4.44	6.40	<0.05	0.19	0.04	0.02	11.4	29.6	0.54	539	0.67	<0.01	0.55	29.2
5560	Soil	4.62	7.90	0.06	0.15	0.03	0.02	15.1	62.3	1.02	698	0.46	<0.01	0.29	39.5
5561	Soil	2.97	4.72	<0.05	0.10	0.02	0.02	8.6	20.8	0.35	1141	0.69	0.01	0.28	19.2
5562	Soil	3.78	6.24	0.05	0.16	0.01	0.01	12.1	39.8	0.66	690	0.72	0.01	0.25	26.1
5563	Soil	3.44	6.29	<0.05	0.13	0.01	0.03	8.3	25.7	0.42	1689	0.67	0.01	0.42	21.1
5564	Soil	4.54	7.60	0.07	0.23	0.02	0.02	11.1	52.4	0.93	993	0.49	<0.01	0.26	37.5
5565	Soil	1.28	3.68	<0.05	0.08	0.01	0.02	4.7	8.6	0.14	234	0.50	0.03	0.29	7.6
5566	Soil	3.46	6.10	0.05	0.10	0.01	0.02	6.5	27.0	0.43	930	0.51	0.02	0.32	19.8
5567	Soil	3.75	7.29	0.05	0.07	0.02	0.03	8.6	32.5	0.55	798	0.55	0.02	0.31	22.9
5568	Soil	4.25	6.44	0.06	0.07	0.02	0.02	8.3	33.3	0.60	740	0.54	0.01	0.36	29.5
5569	Soil	4.79	9.21	<0.05	1.00	0.02	0.02	5.5	23.8	0.40	1270	0.77	<0.01	1.01	21.1
5570	Soil	3.98	6.43	<0.05	0.31	0.02	0.02	3.8	32.3	0.55	783	0.63	<0.01	0.48	28.9
5571	Soil	2.03	3.78	<0.05	0.21	0.01	0.02	3.8	17.8	0.31	481	0.42	0.02	0.30	14.0
5572	Soil	3.66	6.07	<0.05	0.16	0.02	0.03	4.7	31.9	0.58	582	0.64	<0.01	0.41	25.2
5573	Soil	3.77	6.89	0.06	0.19	0.02	0.02	4.5	36.9	0.64	666	0.75	<0.01	0.47	28.0
5574	Soil	3.64	5.95	<0.05	0.15	0.02	0.02	4.4	36.0	0.64	478	0.56	<0.01	0.38	28.1
5575	Soil	4.27	6.93	<0.05	0.21	0.02	0.02	4.6	31.6	0.58	1158	0.67	<0.01	0.66	28.4
5576	Soil	3.14	6.01	0.05	0.19	0.01	0.01	4.2	13.3	0.22	762	0.50	0.01	0.55	11.7
5577	Soil	4.32	7.44	<0.05	0.15	0.02	0.02	4.5	19.0	0.34	1025	0.79	<0.01	0.59	17.3
5578	Soil	4.06	6.08	0.07	0.14	0.02	0.02	6.4	46.5	0.77	679	0.51	<0.01	0.32	39.7
5579	Soil	3.38	5.54	<0.05	0.21	0.01	0.02	4.1	22.3	0.41	507	0.54	0.01	0.59	19.6
5580	Soil	3.87	5.73	0.08	0.20	0.02	0.02	5.2	41.2	0.66	620	0.46	<0.01	0.31	33.7

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11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5581	Soil	1.64	3.59	<0.05	0.14	<0.01	0.02	2.4	4.5	0.08	893	0.36	0.02	0.31	5.1
5582	Soil	3.40	6.60	<0.05	0.19	0.01	0.02	2.7	16.8	0.29	1685	0.44	<0.01	0.41	13.7
5583	Soil	4.29	7.67	0.05	0.17	0.02	0.02	3.4	20.9	0.38	724	0.70	<0.01	0.60	17.7
5584	Soil	4.38	8.24	<0.05	0.14	0.02	0.01	4.0	19.2	0.33	1054	0.57	<0.01	0.57	17.4
5585	Soil	4.44	7.34	0.06	0.20	0.02	0.02	4.2	46.5	0.75	713	0.51	<0.01	0.29	34.5
5586	Soil	4.29	7.87	0.05	0.16	0.02	0.01	4.3	36.0	0.57	527	0.48	<0.01	0.47	26.4
5587	Soil	1.79	6.62	<0.05	0.05	0.01	0.02	5.8	11.4	0.18	210	0.72	0.01	0.76	8.7
5588	Soil	4.93	6.34	0.08	0.19	0.02	<0.01	6.4	47.1	0.79	1175	0.90	<0.01	0.29	34.4
5589	Soil	4.17	7.24	0.07	0.07	0.01	0.02	6.7	34.9	0.62	1899	0.69	<0.01	0.32	26.9
5590	Soil	0.49	1.26	<0.05	0.03	<0.01	0.01	1.1	0.3	<0.01	312	0.25	0.02	0.08	3.1
5591	Soil	3.48	2.77	<0.05	0.12	0.03	0.02	5.6	18.8	0.34	1218	0.69	<0.01	0.17	36.8
5592	Soil	4.10	3.10	<0.05	0.14	0.03	0.02	4.1	15.0	0.26	3043	1.07	<0.01	0.14	45.7
5593	Soil	3.58	4.76	<0.05	0.13	0.03	<0.01	2.5	38.5	0.71	1930	1.07	<0.01	0.12	39.6
5594	Soil	4.51	6.98	0.07	0.21	0.06	0.01	9.0	46.9	0.70	3989	0.77	<0.01	0.17	43.4
5595	Soil	2.28	3.67	<0.05	0.06	0.02	0.01	3.6	21.0	0.32	827	0.50	0.01	0.19	18.7
5596	Soil	3.21	5.73	<0.05	0.05	0.02	0.01	5.6	8.9	0.15	627	0.77	<0.01	0.26	12.9
5597	Soil	4.83	6.77	<0.05	0.17	0.03	0.01	7.5	32.1	0.50	885	0.85	<0.01	0.44	32.4
5598	Soil	3.91	7.98	<0.05	0.05	0.02	0.02	7.1	15.4	0.27	883	0.75	<0.01	0.39	17.7
5599	Soil	4.59	5.94	<0.05	0.20	0.03	0.01	4.6	29.3	0.52	1934	0.65	<0.01	0.39	29.7
5600	Soil	1.63	3.58	<0.05	0.08	0.01	0.01	3.2	10.5	0.15	624	0.35	0.01	0.19	9.2
5601	Soil	4.67	6.76	0.05	0.05	0.03	0.02	5.3	24.7	0.43	562	1.10	<0.01	0.53	28.9
5602	Soil	4.26	5.45	<0.05	0.08	0.03	0.01	4.8	28.4	0.52	826	0.76	<0.01	0.40	33.4
5603	Soil	4.70	6.37	<0.05	1.40	0.02	0.01	3.9	20.6	0.32	842	1.25	<0.01	0.32	19.7
5604	Soil	3.98	4.62	<0.05	0.37	0.03	0.01	4.2	31.0	0.49	825	0.90	<0.01	0.33	32.8
5605	Soil	4.56	6.28	0.06	0.20	0.03	0.01	5.5	24.5	0.38	1150	0.98	<0.01	0.50	27.7
5606	Soil	2.76	4.34	<0.05	0.14	0.01	0.02	3.9	10.0	0.19	367	0.65	0.01	0.29	14.0
5607	Soil	4.24	6.02	0.07	0.26	0.03	0.01	5.3	45.0	0.60	2120	1.22	<0.01	0.15	40.6
5608	Soil	4.87	6.12	0.07	0.25	0.05	0.02	5.9	52.7	0.69	3316	1.57	<0.01	0.12	53.8
5609	Soil	3.83	5.17	0.05	0.16	0.02	0.01	6.9	32.0	0.46	1030	0.74	<0.01	0.19	36.0
5610	Soil	3.94	6.54	0.05	0.09	0.02	0.01	7.6	26.7	0.48	594	0.93	<0.01	0.75	28.9
5611	Soil	3.35	7.79	0.07	0.10	0.01	0.02	4.5	10.9	0.22	714	1.02	<0.01	0.39	15.3
5612	Soil	3.97	5.88	0.08	0.17	0.02	0.02	3.7	28.6	0.62	737	0.78	<0.01	0.47	31.7
5613	Soil	3.40	5.74	0.09	0.13	0.02	0.01	6.0	46.8	0.83	550	0.54	<0.01	0.35	32.2
5614	Soil	4.77	7.90	0.07	0.35	0.02	0.02	4.8	22.4	0.45	1264	1.13	<0.01	0.88	22.4
5615	Soil	3.78	5.55	0.08	0.15	0.02	0.02	5.5	29.3	0.55	1013	0.78	<0.01	0.50	23.2
5616	Soil	1.96	3.80	0.05	0.13	0.01	0.02	4.3	7.1	0.12	2145	0.61	0.01	0.33	11.2
5617	Soil	3.99	5.92	0.08	0.18	0.02	0.02	5.7	30.1	0.54	799	0.85	<0.01	0.49	27.0
5618	Soil	3.77	6.48	0.07	0.10	0.02	0.02	5.8	25.5	0.43	956	1.31	<0.01	0.50	24.6
5619	Soil	4.10	6.16	0.07	0.06	0.02	0.03	5.0	11.1	0.22	1234	1.29	<0.01	0.41	15.7
5620	Soil	2.02	4.92	0.05	0.16	0.01	0.02	3.7	23.1	0.40	396	0.75	0.01	0.34	16.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5621	Soil	3.16	5.01	0.06	0.12	0.02	0.02	4.7	22.4	0.39	1239	0.94	<0.01	0.41	21.5
5622	Soil	3.81	6.07	0.08	0.22	0.02	0.01	4.7	47.5	0.82	630	0.66	<0.01	0.24	36.6
5623	Soil	3.94	6.83	0.09	0.14	0.02	0.02	5.3	41.7	0.73	1030	1.37	<0.01	0.47	34.1
5624	Soil	2.36	5.78	0.06	0.05	0.02	0.03	4.9	8.1	0.15	1713	0.88	<0.01	0.32	10.8
5625	Soil	3.27	5.79	0.07	0.10	0.01	0.01	4.1	25.5	0.41	493	0.72	<0.01	0.41	19.4
5626	Soil	3.10	6.32	0.07	<0.02	0.02	0.02	9.8	8.4	0.12	1206	1.18	<0.01	0.47	12.1
5627	Soil	4.16	7.08	0.07	<0.02	0.02	0.03	7.4	16.9	0.30	961	0.85	<0.01	0.45	17.9
5628	Soil	3.76	5.84	0.07	0.06	0.03	0.02	6.8	28.4	0.47	844	0.71	<0.01	0.37	24.0
5629	Soil	3.67	5.10	0.07	0.06	0.02	0.02	4.4	17.5	0.29	888	0.78	<0.01	0.40	18.9
5630	Soil	4.21	4.80	0.08	0.23	0.03	0.02	5.8	35.1	0.53	1405	0.69	<0.01	0.23	35.1
5631	Soil	3.94	4.73	0.07	0.28	0.03	0.02	7.8	33.7	0.45	2527	0.75	<0.01	0.27	35.4
5632	Soil	4.29	6.69	0.07	0.05	0.02	0.02	7.7	25.2	0.40	698	0.79	<0.01	0.61	21.8
5633	Soil	4.42	6.69	0.07	0.09	0.02	0.02	9.1	24.8	0.39	1196	0.70	<0.01	0.60	21.1
5634	Soil	5.13	7.47	0.08	0.10	0.02	0.02	9.6	40.7	0.63	462	0.69	<0.01	0.64	28.7
5635	Soil	5.02	6.22	0.09	0.16	0.03	0.01	8.2	47.9	0.71	623	0.81	<0.01	0.24	40.9
5636	Soil	3.82	6.92	0.08	0.05	0.02	0.02	6.8	12.9	0.20	715	0.81	<0.01	0.69	12.8
5637	Soil	2.03	4.66	<0.05	1.31	0.03	0.01	5.2	3.9	0.05	501	0.56	<0.01	0.45	9.0
5638	Soil	5.36	8.04	0.08	0.20	0.02	0.01	7.2	28.7	0.46	580	0.84	<0.01	1.06	21.6
5639	Soil	3.33	4.68	0.06	0.19	0.04	0.01	5.0	22.1	0.37	406	0.65	<0.01	0.40	27.3
5640	Soil	2.55	3.25	0.06	0.11	0.13	0.02	3.8	2.7	0.05	178	0.71	0.01	0.29	15.0
5641	Soil	3.82	2.76	0.07	0.12	0.21	0.02	6.0	7.2	0.11	411	0.72	0.01	0.36	27.0
5642	Soil	1.64	2.19	<0.05	0.12	0.02	0.02	2.6	5.5	0.08	171	0.40	0.02	0.20	12.3
5643	Soil	3.61	5.60	0.08	0.19	0.02	0.01	6.2	54.4	0.85	569	0.42	<0.01	0.08	38.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5501	Soil	625	27.1	4.1	<0.01	0.02	1.21	1.7	0.3	0.3	9.6	0.02	0.04	4.4	0.014
5502	Soil	940	15.5	2.4	<0.01	0.06	0.63	2.4	0.4	<0.2	51.4	0.02	0.03	1.5	0.014
5503	Soil	677	24.3	3.4	<0.01	0.04	1.33	2.3	0.4	0.4	22.7	<0.01	0.05	2.2	0.009
5504	Soil	1243	22.7	4.2	<0.01	0.07	0.87	0.5	0.5	0.3	4.1	0.01	0.04	0.7	0.008
5505	Soil	819	9.4	7.2	<0.01	0.05	0.80	0.4	0.4	0.5	5.1	<0.01	0.04	0.4	0.010
5506	Soil	860	12.7	4.4	<0.01	0.05	0.73	0.6	0.5	0.4	7.5	0.01	0.02	0.8	0.009
5507	Soil	594	10.6	4.4	<0.01	0.03	0.40	0.7	0.3	0.3	5.8	0.02	0.02	0.4	0.018
5508	Soil	540	15.7	4.4	<0.01	0.04	0.74	0.6	0.4	0.3	4.9	0.01	0.05	0.8	0.015
5509	Soil	431	21.0	2.3	<0.01	0.02	0.68	0.8	<0.2	<0.2	4.5	<0.01	0.04	3.9	0.007
5510	Soil	1259	17.6	3.9	<0.01	0.08	0.80	0.4	0.5	0.3	4.3	0.01	0.06	0.9	0.007
5511	Soil	1297	15.5	4.2	<0.01	0.08	0.66	0.3	0.5	0.4	6.9	<0.01	0.05	0.4	0.007
5512	Soil	1359	19.6	4.3	<0.01	0.09	0.93	0.5	0.5	0.3	4.9	<0.01	0.05	0.6	0.008
5513	Soil	1141	13.9	4.6	<0.01	0.04	0.52	0.6	0.3	0.4	5.6	0.01	0.05	1.0	0.006
5514	Soil	350	1.6	1.1	<0.01	0.02	0.08	0.2	<0.2	<0.2	5.1	<0.01	<0.01	<0.2	0.011
5515	Soil	694	13.7	3.5	<0.01	0.04	0.64	0.3	0.3	0.4	5.3	<0.01	0.04	0.4	0.009
5516	Soil	769	6.1	3.4	<0.01	0.05	0.44	0.2	0.2	0.3	3.8	<0.01	0.03	<0.2	<0.005
5517	Soil	467	26.2	4.9	<0.01	0.03	0.87	1.4	0.4	0.3	5.7	<0.01	0.07	2.9	0.014
5518	Soil	743	9.8	3.0	<0.01	0.04	0.46	0.3	0.4	0.2	3.8	<0.01	0.03	0.5	0.008
5519	Soil	1181	16.0	4.8	<0.01	0.06	0.92	0.4	0.3	0.3	5.1	<0.01	0.06	0.5	0.006
5520	Soil	1412	26.9	5.9	<0.01	0.05	1.45	1.0	0.4	0.3	5.3	0.01	0.08	1.7	0.007
5521	Soil	895	27.0	4.8	<0.01	0.03	1.10	1.1	0.3	0.3	4.8	<0.01	0.06	2.9	0.007
5522	Soil	807	11.7	4.0	<0.01	0.06	0.72	0.3	0.3	0.5	4.5	<0.01	0.05	<0.2	0.012
5523	Soil	1149	10.5	6.2	<0.01	0.06	0.94	0.3	0.3	0.7	4.9	<0.01	0.07	0.3	0.007
5524	Soil	1019	10.8	4.0	<0.01	0.06	0.73	0.5	0.4	0.3	3.6	<0.01	0.04	0.6	0.006
5525	Soil	927	14.6	3.9	<0.01	0.06	0.82	0.4	0.4	0.4	4.5	<0.01	0.05	0.4	0.009
5526	Soil	640	24.4	2.1	<0.01	0.03	0.38	1.0	<0.2	<0.2	9.9	<0.01	0.08	3.7	<0.005
5527	Soil	835	8.0	2.0	<0.01	0.05	0.65	0.4	<0.2	<0.2	7.4	<0.01	0.04	0.6	0.008
5528	Soil	704	10.5	1.5	<0.01	0.04	0.31	1.0	<0.2	<0.2	10.0	<0.01	0.05	1.1	0.010
5529	Soil	1182	32.1	4.6	<0.01	0.04	3.12	2.2	0.2	0.2	7.7	<0.01	0.07	3.6	0.007
5530	Soil	309	23.8	2.7	<0.01	<0.01	1.07	3.3	<0.2	<0.2	5.4	<0.01	0.10	15.9	<0.005
5531	Soil	797	27.2	3.3	<0.01	0.03	0.71	2.1	<0.2	<0.2	6.7	<0.01	0.06	6.7	<0.005
5532	Soil	732	20.2	3.0	<0.01	0.03	1.73	2.7	0.3	<0.2	6.4	<0.01	0.09	6.6	<0.005
5533	Soil	753	32.5	3.1	<0.01	0.03	1.83	1.8	0.2	<0.2	10.4	<0.01	0.07	4.7	<0.005
5534	Soil	637	45.0	3.7	<0.01	0.03	2.10	1.4	0.3	<0.2	9.0	<0.01	0.09	7.8	<0.005
5535	Soil	832	25.4	2.6	<0.01	0.03	0.98	0.7	0.2	<0.2	3.7	0.01	0.05	1.8	0.006
5536	Soil	713	22.8	4.3	<0.01	0.03	1.63	0.8	0.2	<0.2	2.9	<0.01	0.08	4.0	<0.005
5537	Soil	735	41.0	2.9	<0.01	0.02	1.56	1.6	<0.2	<0.2	9.8	<0.01	0.11	8.9	<0.005
5538	Soil	835	34.6	3.7	<0.01	0.03	0.92	0.4	<0.2	0.2	10.8	<0.01	0.05	2.0	<0.005
5539	Soil	354	285.6	5.1	<0.01	0.09	4.87	0.4	<0.2	0.3	53.7	<0.01	0.06	2.6	<0.005
5540	Soil	524	80.9	3.6	<0.01	0.03	1.69	1.3	<0.2	0.2	8.7	<0.01	0.07	4.0	0.006

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5541	Soil	578	114.3	4.2	<0.01	0.05	3.09	0.3	<0.2	0.4	23.3	<0.01	0.05	0.5	<0.005
5542	Soil	253	129.8	4.4	<0.01	0.03	2.07	0.4	<0.2	0.4	21.4	<0.01	0.07	3.1	<0.005
5543	Soil	214	664.2	4.3	<0.01	0.08	5.05	0.6	<0.2	0.5	37.8	<0.01	0.05	6.7	<0.005
5544	Soil	297	235.0	5.1	<0.01	0.03	2.51	0.5	<0.2	0.4	23.9	<0.01	0.06	2.4	<0.005
5545	Soil	454	120.9	4.3	<0.01	0.04	2.92	0.9	<0.2	0.3	21.7	<0.01	0.06	3.2	<0.005
5546	Soil	826	57.9	2.6	<0.01	0.04	1.34	0.3	<0.2	0.3	6.5	<0.01	0.04	0.5	<0.005
5547	Soil	536	28.3	2.9	<0.01	0.02	2.19	1.2	<0.2	<0.2	8.5	<0.01	0.06	4.3	<0.005
5548	Soil	1146	80.3	4.4	<0.01	0.04	1.86	0.9	0.3	0.3	5.8	<0.01	0.06	1.7	0.006
5549	Soil	881	181.6	2.5	<0.01	0.03	4.33	1.5	<0.2	0.2	6.4	<0.01	0.07	3.6	<0.005
5550	Soil	646	44.1	3.1	<0.01	0.03	6.73	1.7	0.3	<0.2	4.6	<0.01	0.06	2.3	<0.005
5551	Soil	1171	2792.7	2.5	<0.01	0.07	8.46	0.3	<0.2	0.6	20.9	<0.01	0.05	0.7	<0.005
5552	Soil	801	126.0	2.0	<0.01	0.06	1.33	0.3	<0.2	<0.2	6.6	<0.01	0.03	0.6	0.005
5553	Soil	950	50.2	1.5	<0.01	0.06	8.77	5.6	0.8	<0.2	25.7	<0.01	0.08	6.1	<0.005
5554	Soil	526	9.5	1.3	<0.01	0.04	0.19	0.3	<0.2	<0.2	3.3	<0.01	0.02	0.4	0.007
5555	Soil	1280	67.6	2.6	<0.01	0.08	8.77	4.8	0.7	<0.2	34.8	<0.01	0.08	3.2	<0.005
5556	Soil	616	91.1	1.8	<0.01	0.03	16.82	6.3	0.6	<0.2	10.0	<0.01	0.20	9.8	<0.005
5557	Soil	434	58.6	1.3	<0.01	0.02	16.87	4.5	0.5	<0.2	10.8	<0.01	0.16	12.0	<0.005
5558	Soil	335	123.8	1.7	<0.01	0.02	8.66	5.8	0.3	<0.2	7.1	<0.01	0.09	10.2	<0.005
5559	Soil	1267	67.2	2.8	<0.01	0.06	2.09	1.2	0.5	0.3	5.9	0.02	0.06	4.0	0.009
5560	Soil	1026	75.0	2.5	<0.01	0.03	1.42	1.8	0.2	<0.2	4.2	<0.01	0.08	5.6	0.005
5561	Soil	1169	111.2	3.9	<0.01	0.06	2.20	0.8	<0.2	<0.2	13.7	<0.01	0.10	1.4	<0.005
5562	Soil	1046	20.9	2.0	<0.01	0.02	1.63	1.3	0.3	<0.2	4.1	<0.01	0.12	3.4	<0.005
5563	Soil	1301	21.1	4.3	<0.01	0.08	0.98	0.8	<0.2	<0.2	5.4	0.01	0.06	1.6	0.007
5564	Soil	1323	31.2	3.2	<0.01	0.04	1.16	1.7	<0.2	<0.2	3.7	<0.01	0.08	4.9	0.005
5565	Soil	828	10.2	2.3	<0.01	0.06	0.60	0.3	0.3	<0.2	4.3	<0.01	0.03	<0.2	<0.005
5566	Soil	1140	21.8	2.9	<0.01	0.06	0.78	0.7	<0.2	<0.2	3.1	<0.01	0.06	1.4	0.007
5567	Soil	1167	19.9	4.5	<0.01	0.03	0.73	1.0	<0.2	0.2	4.3	<0.01	0.07	1.8	0.008
5568	Soil	988	19.7	3.3	<0.01	0.04	1.30	1.1	0.2	<0.2	7.4	<0.01	0.10	2.3	0.007
5569	Soil	1204	25.8	3.8	<0.01	0.06	1.12	1.0	0.7	0.5	4.0	0.02	0.09	1.9	0.010
5570	Soil	1060	29.2	2.9	<0.01	0.05	1.77	1.0	0.3	0.2	4.2	0.02	0.05	2.3	0.008
5571	Soil	670	13.0	1.9	<0.01	0.03	0.81	0.5	0.3	<0.2	4.5	<0.01	0.03	0.8	0.008
5572	Soil	1017	24.9	2.8	<0.01	0.05	1.00	0.8	0.3	0.2	3.6	0.01	0.06	1.4	0.008
5573	Soil	1009	25.5	3.3	<0.01	0.05	1.07	1.0	0.3	0.2	3.8	0.01	0.10	1.8	0.009
5574	Soil	704	23.3	2.8	<0.01	0.04	0.90	1.1	0.2	0.2	3.1	0.01	0.07	2.0	0.008
5575	Soil	1067	24.9	3.1	<0.01	0.06	1.00	1.1	0.4	0.2	3.6	0.02	0.08	2.7	0.010
5576	Soil	1112	15.6	1.9	<0.01	0.08	0.57	0.6	0.5	0.2	3.2	0.02	0.08	1.2	0.009
5577	Soil	1510	26.9	2.8	<0.01	0.07	0.91	0.6	0.5	0.3	4.1	0.03	0.08	1.5	0.009
5578	Soil	570	21.7	2.5	<0.01	0.01	1.18	1.9	0.2	<0.2	5.3	<0.01	0.07	5.6	0.009
5579	Soil	875	13.9	2.5	<0.01	0.07	0.68	0.8	0.3	<0.2	3.9	0.02	0.07	1.8	0.010
5580	Soil	703	24.2	2.5	<0.01	0.03	1.40	1.3	<0.2	<0.2	4.5	<0.01	0.05	2.7	0.008

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5581	Soil	815	8.5	2.3	<0.01	0.06	0.40	0.3	0.3	<0.2	3.7	0.01	0.02	0.5	0.006
5582	Soil	1398	22.4	2.9	<0.01	0.08	0.73	0.7	0.4	<0.2	3.7	0.02	0.08	1.5	0.008
5583	Soil	1604	18.7	3.5	<0.01	0.10	0.70	0.7	0.5	0.3	3.9	0.03	0.09	1.8	0.010
5584	Soil	1515	20.1	3.7	<0.01	0.08	0.71	0.7	0.3	0.3	3.8	0.03	0.11	1.4	0.009
5585	Soil	1385	25.5	3.2	<0.01	0.02	0.90	1.3	0.2	<0.2	2.8	<0.01	0.06	3.0	0.006
5586	Soil	1024	17.7	2.8	<0.01	0.03	0.68	1.0	0.4	0.2	3.7	0.02	0.06	2.2	0.008
5587	Soil	682	14.1	3.1	<0.01	0.04	0.38	0.2	0.6	0.6	3.8	0.01	0.04	<0.2	0.009
5588	Soil	879	21.1	2.1	<0.01	0.02	2.99	1.6	0.2	<0.2	4.4	<0.01	0.10	3.3	<0.005
5589	Soil	1180	16.4	3.0	<0.01	0.04	1.45	0.8	0.4	<0.2	3.1	<0.01	0.08	1.6	0.006
5590	Soil	529	5.3	1.0	<0.01	0.02	0.19	0.1	<0.2	<0.2	2.5	<0.01	<0.01	<0.2	<0.005
5591	Soil	585	34.1	2.0	<0.01	0.03	6.31	2.1	0.3	<0.2	10.7	<0.01	0.08	3.0	<0.005
5592	Soil	929	49.1	3.3	<0.01	0.05	10.82	2.0	0.4	<0.2	5.3	<0.01	0.13	3.2	<0.005
5593	Soil	256	40.0	1.5	<0.01	0.04	6.58	5.1	0.4	<0.2	105.0	<0.01	0.11	6.1	<0.005
5594	Soil	5192	49.7	1.7	<0.01	0.04	3.62	4.1	0.8	<0.2	27.6	<0.01	0.11	4.1	0.005
5595	Soil	530	31.2	1.7	<0.01	0.02	0.97	0.7	<0.2	<0.2	3.1	<0.01	0.08	0.7	0.006
5596	Soil	1315	24.1	3.7	<0.01	0.03	1.39	0.4	<0.2	0.2	3.6	<0.01	0.12	0.7	<0.005
5597	Soil	1019	43.7	2.8	<0.01	0.03	2.98	1.3	0.3	0.2	3.7	0.01	0.11	2.5	0.007
5598	Soil	1291	27.9	2.6	<0.01	0.03	1.47	0.5	0.2	0.3	3.7	<0.01	0.08	0.7	0.005
5599	Soil	1205	42.9	2.2	<0.01	0.04	2.31	1.4	0.3	<0.2	3.7	0.01	0.14	2.8	0.006
5600	Soil	673	13.3	2.2	<0.01	0.03	0.76	0.5	0.3	<0.2	2.4	<0.01	0.06	0.5	0.005
5601	Soil	926	35.9	2.6	<0.01	0.03	2.91	0.8	0.5	0.3	5.6	<0.01	0.13	1.2	0.006
5602	Soil	751	38.8	2.0	<0.01	0.02	2.34	1.2	<0.2	0.2	2.7	<0.01	0.14	1.8	0.006
5603	Soil	1317	38.9	1.8	<0.01	0.05	3.17	1.3	0.5	<0.2	8.8	0.01	0.23	5.1	<0.005
5604	Soil	751	48.2	2.3	<0.01	0.03	3.58	1.6	0.2	<0.2	3.5	0.01	0.11	3.0	<0.005
5605	Soil	1067	45.8	2.3	<0.01	0.02	3.73	0.9	0.3	0.2	2.7	0.02	0.10	1.7	0.007
5606	Soil	685	15.4	2.5	<0.01	0.03	1.21	0.3	<0.2	0.3	2.9	<0.01	0.05	0.3	0.005
5607	Soil	865	48.6	1.8	<0.01	0.04	3.93	2.7	0.4	<0.2	3.9	<0.01	0.11	4.1	<0.005
5608	Soil	748	61.0	2.2	<0.01	0.04	6.66	3.8	0.4	<0.2	6.4	<0.01	0.16	6.0	<0.005
5609	Soil	525	32.1	2.6	<0.01	0.02	4.40	1.9	<0.2	<0.2	3.1	<0.01	0.08	3.6	<0.005
5610	Soil	661	26.0	2.9	<0.01	0.02	1.97	1.1	0.4	0.4	3.9	0.01	0.09	1.6	0.007
5611	Soil	1440	16.5	3.0	<0.01	0.04	0.84	0.5	0.4	0.3	4.7	0.01	0.08	0.6	0.006
5612	Soil	954	26.2	2.6	<0.01	0.04	1.39	1.4	<0.2	<0.2	3.4	0.01	0.08	2.0	0.006
5613	Soil	690	15.8	2.3	<0.01	0.02	0.79	1.2	<0.2	<0.2	2.7	<0.01	0.09	2.2	0.006
5614	Soil	1630	22.9	2.9	<0.01	0.06	0.78	1.0	0.3	0.3	3.2	0.04	0.11	1.6	0.013
5615	Soil	1236	24.6	3.3	<0.01	0.04	0.90	0.7	0.3	0.3	3.6	0.02	0.08	1.2	0.009
5616	Soil	1076	17.6	3.0	<0.01	0.06	0.54	0.3	0.3	0.3	6.2	0.01	0.08	0.4	0.005
5617	Soil	1553	20.5	3.4	<0.01	0.05	0.86	1.0	<0.2	0.2	4.4	0.02	0.08	2.0	0.009
5618	Soil	1277	20.3	3.8	<0.01	0.05	0.97	0.7	<0.2	0.3	4.4	0.02	0.07	1.2	0.008
5619	Soil	2229	23.9	4.3	<0.01	0.05	0.89	0.4	0.4	0.4	3.7	0.02	0.09	0.6	0.007
5620	Soil	922	16.3	2.5	<0.01	0.05	0.56	0.6	0.3	0.2	2.6	0.02	0.04	1.2	0.007

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5621	Soil	1292	31.5	3.1	<0.01	0.04	1.43	0.8	0.2	0.3	5.0	0.02	0.10	1.5	0.007
5622	Soil	746	27.2	2.4	<0.01	0.02	1.19	1.5	<0.2	<0.2	2.7	<0.01	0.09	3.4	<0.005
5623	Soil	1231	27.4	3.3	<0.01	0.03	1.24	1.1	0.2	0.2	3.3	0.02	0.11	1.9	0.008
5624	Soil	1643	18.3	6.7	<0.01	0.06	0.84	0.4	<0.2	0.5	8.8	0.02	0.09	0.4	0.006
5625	Soil	1165	18.2	3.0	<0.01	0.03	0.71	0.6	0.2	0.3	3.7	0.02	0.08	1.2	0.007
5626	Soil	1506	22.6	5.0	<0.01	0.02	1.08	0.3	0.2	0.7	5.3	<0.01	0.07	0.4	0.008
5627	Soil	1150	31.5	5.7	<0.01	0.04	1.21	0.4	<0.2	0.5	6.4	<0.01	0.08	0.4	0.006
5628	Soil	1058	79.0	3.3	<0.01	0.02	1.62	0.6	0.2	0.3	8.0	0.01	0.08	1.1	0.007
5629	Soil	1147	21.1	3.1	<0.01	0.03	1.56	0.6	<0.2	0.3	6.0	0.01	0.08	0.9	0.006
5630	Soil	657	34.1	1.9	<0.01	0.02	3.16	2.1	<0.2	<0.2	3.7	<0.01	0.11	4.2	<0.005
5631	Soil	768	42.3	2.0	<0.01	0.02	1.50	3.3	0.3	<0.2	5.7	<0.01	0.19	3.5	<0.005
5632	Soil	784	22.3	3.3	<0.01	0.03	1.30	0.7	<0.2	0.3	6.6	<0.01	0.11	1.0	0.007
5633	Soil	1217	23.1	4.1	<0.01	0.03	0.98	0.8	0.3	0.3	5.2	0.02	0.11	1.6	0.008
5634	Soil	937	19.7	3.2	<0.01	0.03	0.70	1.2	<0.2	0.2	3.8	0.01	0.11	3.3	0.008
5635	Soil	448	51.3	3.0	<0.01	0.02	1.63	2.0	<0.2	<0.2	3.3	<0.01	0.12	5.8	<0.005
5636	Soil	1607	22.5	4.5	<0.01	0.04	0.69	0.4	0.5	0.5	5.8	0.02	0.10	0.9	0.007
5637	Soil	802	78.0	3.4	<0.01	0.03	0.95	0.6	<0.2	0.3	4.9	0.02	0.06	1.4	<0.005
5638	Soil	756	27.2	2.0	<0.01	0.02	0.99	1.4	<0.2	0.3	3.0	0.01	0.12	4.3	0.008
5639	Soil	509	81.5	3.8	<0.01	0.02	1.54	1.3	<0.2	0.2	3.7	<0.01	0.08	3.5	0.006
5640	Soil	547	176.9	3.4	<0.01	0.03	1.82	0.4	<0.2	0.3	4.0	<0.01	0.08	1.2	0.006
5641	Soil	689	289.5	3.0	<0.01	0.04	2.43	1.0	0.3	0.2	10.9	<0.01	0.14	5.0	0.007
5642	Soil	434	33.4	1.5	<0.01	0.02	0.81	0.3	<0.2	<0.2	2.7	<0.01	0.05	0.8	0.006
5643	Soil	638	32.1	1.4	<0.01	0.02	1.01	2.0	<0.2	<0.2	4.8	<0.01	0.08	6.5	<0.005

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5501	Soil	0.06	1.24	45	0.18	4.19	96	1.6
5502	Soil	<0.05	1.20	19	0.11	12.05	40	1.9
5503	Soil	0.06	1.44	31	0.13	6.07	64	1.0
5504	Soil	0.06	0.93	29	0.16	3.02	55	1.0
5505	Soil	0.06	0.72	24	0.14	1.91	39	0.6
5506	Soil	0.07	0.71	22	0.12	3.43	34	1.5
5507	Soil	0.06	0.64	23	0.14	2.17	28	0.6
5508	Soil	0.06	0.77	29	0.19	2.30	47	0.9
5509	Soil	<0.05	0.81	27	0.09	2.71	65	1.8
5510	Soil	0.05	0.72	31	0.12	2.17	62	1.1
5511	Soil	0.06	0.77	36	0.16	1.66	57	0.6
5512	Soil	<0.05	0.76	35	0.13	2.56	64	0.7
5513	Soil	0.07	0.74	38	0.11	1.75	65	1.3
5514	Soil	<0.05	0.17	9	0.05	0.56	6	<0.5
5515	Soil	0.06	0.68	34	0.16	1.88	55	<0.5
5516	Soil	<0.05	0.46	19	0.11	1.12	29	<0.5
5517	Soil	0.06	0.84	41	0.20	2.73	81	0.9
5518	Soil	<0.05	0.56	24	0.10	1.26	39	1.0
5519	Soil	0.06	0.63	35	0.75	1.33	56	<0.5
5520	Soil	0.06	0.80	46	1.00	1.99	85	1.4
5521	Soil	0.06	0.99	44	1.50	2.14	84	1.4
5522	Soil	0.06	0.56	36	0.46	1.60	46	<0.5
5523	Soil	0.07	0.68	41	0.18	1.86	51	<0.5
5524	Soil	<0.05	0.58	30	0.22	1.23	49	0.9
5525	Soil	0.06	0.66	35	0.45	1.38	52	<0.5
5526	Soil	<0.05	0.63	40	0.07	2.06	68	4.0
5527	Soil	<0.05	0.52	26	0.10	1.71	38	1.3
5528	Soil	<0.05	0.56	22	0.06	4.14	36	1.3
5529	Soil	<0.05	1.18	42	0.11	5.40	89	2.4
5530	Soil	<0.05	1.19	61	<0.05	3.11	135	3.6
5531	Soil	<0.05	1.28	52	<0.05	2.41	102	3.9
5532	Soil	<0.05	2.14	52	<0.05	3.14	97	3.7
5533	Soil	<0.05	1.69	45	0.05	2.85	96	3.2
5534	Soil	<0.05	1.90	43	0.06	3.55	118	2.7
5535	Soil	<0.05	0.76	19	0.08	0.75	35	1.9
5536	Soil	<0.05	0.75	28	0.07	0.78	75	2.3
5537	Soil	<0.05	1.49	32	0.10	1.40	102	2.1
5538	Soil	0.12	0.62	14	0.28	0.56	42	<0.5
5539	Soil	1.73	0.92	11	0.81	0.74	48	0.6
5540	Soil	0.23	0.75	42	0.18	1.20	85	1.4

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Certificate of Analysis

11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5541	Soil	0.98	0.50	19	0.62	0.85	35	<0.5
5542	Soil	0.24	0.38	14	0.70	0.91	26	<0.5
5543	Soil	0.49	0.69	13	0.69	0.96	38	<0.5
5544	Soil	0.14	0.62	10	0.70	0.70	34	<0.5
5545	Soil	0.34	0.70	23	0.63	1.01	74	0.5
5546	Soil	0.07	0.79	23	0.27	1.14	47	<0.5
5547	Soil	<0.05	0.91	17	0.15	2.11	92	1.3
5548	Soil	<0.05	0.90	34	0.17	1.84	95	1.1
5549	Soil	<0.05	0.69	27	0.13	3.09	146	1.1
5550	Soil	<0.05	0.78	15	0.10	4.63	82	1.2
5551	Soil	0.05	0.68	21	0.13	1.40	400	<0.5
5552	Soil	<0.05	0.42	14	0.08	0.85	50	1.2
5553	Soil	0.06	0.96	16	0.08	19.95	100	3.9
5554	Soil	<0.05	0.32	13	<0.05	0.80	23	0.9
5555	Soil	0.05	1.30	21	0.08	23.74	141	2.7
5556	Soil	0.05	1.43	32	0.10	18.28	121	4.5
5557	Soil	<0.05	1.52	31	0.09	9.94	111	3.4
5558	Soil	<0.05	1.27	39	0.12	11.29	154	2.6
5559	Soil	<0.05	1.08	35	0.15	2.69	102	4.3
5560	Soil	<0.05	0.66	54	0.07	1.58	107	3.3
5561	Soil	<0.05	0.65	25	0.07	1.26	81	2.1
5562	Soil	<0.05	0.67	38	0.07	1.37	71	3.6
5563	Soil	<0.05	0.66	33	0.09	1.23	65	2.3
5564	Soil	<0.05	1.00	54	0.07	1.72	97	3.6
5565	Soil	<0.05	1.00	16	0.08	2.03	21	0.9
5566	Soil	<0.05	0.71	36	0.07	0.91	53	2.1
5567	Soil	<0.05	0.88	42	0.09	1.26	62	1.4
5568	Soil	<0.05	0.89	42	0.10	1.37	78	1.5
5569	Soil	<0.05	1.04	47	0.13	2.17	70	2.0
5570	Soil	<0.05	0.88	39	0.11	1.28	86	2.8
5571	Soil	<0.05	0.51	23	0.10	1.05	42	1.4
5572	Soil	<0.05	0.89	41	0.13	1.52	74	1.7
5573	Soil	<0.05	1.39	44	0.13	1.91	75	2.5
5574	Soil	<0.05	1.02	42	0.11	1.45	80	2.3
5575	Soil	<0.05	1.09	44	0.13	1.57	82	3.6
5576	Soil	<0.05	0.76	28	0.09	1.28	38	3.8
5577	Soil	<0.05	0.97	42	0.11	1.40	62	2.6
5578	Soil	<0.05	0.99	53	0.11	2.33	102	2.6
5579	Soil	<0.05	0.70	34	0.13	1.38	57	3.8
5580	Soil	<0.05	0.88	45	0.09	1.92	94	2.5

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Certificate of Analysis

11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5581	Soil	<0.05	0.47	17	0.30	0.67	22	2.3
5582	Soil	<0.05	0.80	31	0.07	0.90	50	3.5
5583	Soil	<0.05	0.93	41	0.12	1.07	58	2.9
5584	Soil	<0.05	0.79	41	0.10	1.17	57	2.7
5585	Soil	<0.05	0.95	50	0.08	1.35	87	3.4
5586	Soil	<0.05	0.73	46	0.08	0.88	76	3.2
5587	Soil	<0.05	0.61	28	0.10	0.91	30	0.6
5588	Soil	<0.05	0.80	51	0.06	1.59	120	4.4
5589	Soil	<0.05	0.55	46	0.10	1.00	89	1.5
5590	Soil	<0.05	0.21	7	0.06	0.36	11	<0.5
5591	Soil	<0.05	0.82	21	0.08	6.71	101	2.1
5592	Soil	0.06	1.00	18	0.10	6.27	115	2.9
5593	Soil	<0.05	0.77	33	0.05	5.49	102	4.0
5594	Soil	<0.05	2.71	39	0.06	22.44	167	3.8
5595	Soil	<0.05	0.53	21	0.08	1.49	62	1.0
5596	Soil	<0.05	0.66	24	0.11	0.85	57	1.1
5597	Soil	<0.05	0.80	38	0.23	1.78	106	2.8
5598	Soil	<0.05	0.65	35	0.16	1.17	64	0.7
5599	Soil	<0.05	0.94	31	0.09	1.81	94	3.9
5600	Soil	<0.05	0.43	14	0.07	0.90	31	1.4
5601	Soil	<0.05	0.78	31	0.13	1.37	97	1.0
5602	Soil	<0.05	0.74	31	0.13	1.60	110	1.7
5603	Soil	<0.05	0.81	25	0.07	0.90	70	5.6
5604	Soil	<0.05	0.81	28	0.10	2.66	108	2.9
5605	Soil	<0.05	0.67	31	0.11	1.87	86	2.4
5606	Soil	<0.05	0.50	24	0.12	0.85	48	<0.5
5607	Soil	<0.05	0.84	37	<0.05	4.76	117	4.2
5608	Soil	<0.05	1.06	40	<0.05	6.81	126	4.0
5609	Soil	<0.05	0.98	30	0.09	2.20	92	2.7
5610	Soil	0.05	0.69	38	0.21	1.67	84	1.4
5611	Soil	<0.05	0.74	28	0.11	1.03	47	1.5
5612	Soil	<0.05	0.92	32	0.09	1.19	85	3.3
5613	Soil	<0.05	0.56	37	0.10	1.04	76	2.3
5614	Soil	<0.05	0.88	39	0.09	1.38	65	4.4
5615	Soil	<0.05	0.84	37	0.11	1.49	67	1.8
5616	Soil	<0.05	0.60	19	0.10	1.16	35	1.6
5617	Soil	<0.05	0.82	38	0.13	1.41	70	3.5
5618	Soil	<0.05	0.70	38	0.13	1.44	63	1.6
5619	Soil	<0.05	0.61	37	0.14	1.10	52	0.8
5620	Soil	<0.05	0.60	25	0.10	1.05	40	2.9

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Certificate of Analysis

11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5621	Soil	<0.05	0.63	30	0.11	1.28	63	2.5
5622	Soil	<0.05	0.69	40	0.07	1.23	92	3.9
5623	Soil	<0.05	0.53	41	0.10	1.20	76	2.8
5624	Soil	<0.05	0.57	27	0.12	1.10	42	0.8
5625	Soil	<0.05	0.58	34	0.11	0.92	55	1.8
5626	Soil	<0.05	0.64	39	0.17	1.45	55	<0.5
5627	Soil	<0.05	0.73	46	0.22	1.78	73	<0.5
5628	Soil	<0.05	0.64	42	0.14	1.31	107	1.1
5629	Soil	<0.05	0.61	32	0.11	1.24	68	1.1
5630	Soil	<0.05	0.69	35	0.08	3.74	93	4.0
5631	Soil	<0.05	1.07	30	0.07	7.17	94	4.8
5632	Soil	<0.05	0.66	39	0.12	2.04	72	0.6
5633	Soil	<0.05	0.75	40	0.13	1.31	75	1.5
5634	Soil	<0.05	0.81	46	0.15	1.31	89	2.2
5635	Soil	<0.05	1.20	49	0.09	1.52	129	2.9
5636	Soil	<0.05	0.90	39	0.15	1.21	45	0.9
5637	Soil	<0.05	0.54	20	0.16	0.73	58	0.8
5638	Soil	<0.05	0.55	50	0.19	1.31	80	1.4
5639	Soil	0.05	0.85	31	0.28	1.33	114	2.0
5640	Soil	0.07	0.96	18	0.35	1.06	181	<0.5
5641	Soil	0.12	2.35	17	0.44	2.45	402	1.2
5642	Soil	<0.05	0.56	12	0.16	0.75	91	0.6
5643	Soil	<0.05	1.11	43	0.05	1.85	100	2.8

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11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5501	Soil		0.05	1.74	19.3	42	0.38	0.37	0.08	0.15	32.52	14.5	26	0.59	32.3
5501 Dup			0.05	1.70	18.6	42	0.38	0.35	0.08	0.15	32.44	14.5	25	0.60	31.8
QCV1108-01865-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.32					8.97				19.4			>10000
5519	Soil		0.06	1.20	51.0	32	0.15	0.42	0.02	0.09	21.91	7.6	25	1.15	17.0
5519 Dup			0.06	1.24	50.3	32	0.15	0.41	0.02	0.09	21.35	7.5	25	1.13	17.0
QCV1108-01865-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.54					9.07				20.1			>10000
5537	Soil		0.09	1.60	75.1	22	0.51	0.60	0.05	0.08	15.03	22.0	23	2.07	51.0
5537 Dup			0.09	1.59	75.0	23	0.51	0.62	0.05	0.08	14.70	21.3	23	1.98	50.3
QCV1108-01865-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.50					8.67				20.7			>10000
5555	Soil		0.18	1.28	103.3	43	0.81	0.50	1.04	0.34	32.79	17.0	14	1.43	43.1
5555 Dup			0.19	1.31	102.6	43	0.81	0.50	1.04	0.33	33.09	17.4	14	1.48	42.7
QCV1108-01865-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.42					8.25				21.0			>10000
5573	Soil		0.07	1.87	26.6	22	0.29	0.47	0.03	0.09	9.45	13.0	32	2.65	35.3
5573 Dup			0.07	1.79	26.2	21	0.29	0.47	0.03	0.09	9.40	12.9	32	2.65	35.2
QCV1108-01865-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.55				22.3			>10000
5591	Soil		0.25	1.01	68.7	29	0.49	0.41	0.22	0.21	13.10	16.6	13	0.69	35.2
5591 Dup			0.25	0.90	68.8	29	0.50	0.42	0.21	0.21	12.99	16.6	13	0.71	36.0
QCV1108-01865-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.09												5610.7
5609	Soil		0.05	1.30	50.7	19	0.33	0.51	0.02	0.08	13.77	22.0	21	1.28	48.6
5609 Dup			0.05	1.33	51.4	20	0.34	0.51	0.02	0.08	13.84	21.8	20	1.29	48.6
QCV1108-01865-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					9.14				21.5			>10000
5627	Soil		0.17	1.24	86.4	28	0.26	0.48	0.04	0.14	15.01	9.1	21	1.01	22.0
5627 Dup			0.16	1.24	85.8	28	0.27	0.46	0.04	0.14	15.15	9.0	21	1.01	21.9
QCV1108-01865-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5672.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
QCV1108-01865-0025-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5876.2
5501	Soil	0.008													
5501 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.274													
5519	Soil	0.095													
5519 Dup		0.107													
QCV1108-01866-0004-BLK		<0.005													
5537	Soil	0.014													
5537 Dup		0.013													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.867													
5555	Soil	0.064													
5555 Dup		0.071													
QCV1108-01866-0008-BLK		<0.005													
5573	Soil	0.006													
5573 Dup		0.011													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.365													
5591	Soil	0.046													
5591 Dup		0.055													
QCV1108-01866-0012-BLK		<0.005													
5609	Soil	0.011													
5609 Dup		0.028													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.375													
5627	Soil	0.016													
5627 Dup		0.018													
QCV1108-01866-0016-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.436													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5501	Soil	3.43	4.79	<0.05	0.19	0.02	0.03	15.9	31.6	0.62	494	0.82	<0.01	0.55	30.4
5501 Dup		3.46	4.78	<0.05	0.12	0.02	0.03	15.6	30.9	0.59	476	0.81	<0.01	0.55	30.0
QCV1108-01865-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5519	Soil	3.42	6.07	<0.05	0.02	0.02	0.03	11.6	16.2	0.34	919	0.68	0.01	0.33	16.0
5519 Dup		3.60	6.00	<0.05	<0.02	0.01	0.03	11.2	17.0	0.34	944	0.67	0.01	0.32	15.8
QCV1108-01865-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5537	Soil	3.65	4.50	<0.05	0.16	0.02	0.03	9.0	40.0	0.63	674	0.53	<0.01	0.11	37.4
5537 Dup		3.79	4.46	<0.05	0.15	0.02	0.03	9.0	38.3	0.64	678	0.53	<0.01	0.11	37.2
QCV1108-01865-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5555	Soil	4.62	2.98	<0.05	0.17	0.05	0.02	14.9	18.8	0.35	1796	1.10	<0.01	0.17	43.6
5555 Dup		4.60	2.99	<0.05	0.16	0.05	0.02	15.0	19.0	0.37	1779	1.09	<0.01	0.16	43.5
QCV1108-01865-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5573	Soil	3.77	6.89	0.06	0.19	0.02	0.02	4.5	36.9	0.64	666	0.75	<0.01	0.47	28.0
5573 Dup		3.77	6.83	0.06	0.17	0.02	0.02	4.4	36.3	0.62	658	0.75	<0.01	0.48	27.9
QCV1108-01865-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5591	Soil	3.48	2.77	<0.05	0.12	0.03	0.02	5.6	18.8	0.34	1218	0.69	<0.01	0.17	36.8
5591 Dup		3.18	2.73	<0.05	0.12	0.03	0.02	5.6	18.8	0.32	1153	0.69	<0.01	0.17	36.3
QCV1108-01865-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5609	Soil	3.83	5.17	0.05	0.16	0.02	0.01	6.9	32.0	0.46	1030	0.74	<0.01	0.19	36.0
5609 Dup		3.90	5.19	0.06	0.16	0.02	0.01	7.1	31.8	0.48	1033	0.74	<0.01	0.19	36.3
QCV1108-01865-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5627	Soil	4.16	7.08	0.07	<0.02	0.02	0.03	7.4	16.9	0.30	961	0.85	<0.01	0.45	17.9
5627 Dup		3.99	6.94	0.07	<0.02	0.02	0.03	7.3	16.8	0.30	956	0.85	<0.01	0.46	17.5
QCV1108-01865-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1108-01865-0025-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Certificate of Analysis

11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5501	Soil	625	27.1	4.1	<0.01	0.02	1.21	1.7	0.3	0.3	9.6	0.02	0.04	4.4	0.014
5501 Dup		605	26.8	4.2	<0.01	0.02	1.21	1.6	0.3	0.3	9.5	<0.01	0.04	3.9	0.014
QCV1108-01865-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.0				2.01		11.8	15.5					
5519	Soil	1181	16.0	4.8	<0.01	0.06	0.92	0.4	0.3	0.3	5.1	<0.01	0.06	0.5	0.006
5519 Dup		1220	15.9	4.8	<0.01	0.06	0.92	0.4	0.3	0.3	5.1	<0.01	0.06	0.5	0.006
QCV1108-01865-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.8				2.03		13.2	16.3					
5537	Soil	735	41.0	2.9	<0.01	0.02	1.56	1.6	<0.2	<0.2	9.8	<0.01	0.11	8.9	<0.005
5537 Dup		749	41.1	2.9	<0.01	0.02	1.49	1.5	<0.2	<0.2	9.8	<0.01	0.11	9.3	<0.005
QCV1108-01865-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.2				1.92		13.2	15.4					
5555	Soil	1280	67.6	2.6	<0.01	0.08	8.77	4.8	0.7	<0.2	34.8	<0.01	0.08	3.2	<0.005
5555 Dup		1310	67.6	2.6	<0.01	0.08	8.79	4.8	0.7	<0.2	34.9	<0.01	0.08	3.2	<0.005
QCV1108-01865-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.6				1.91		13.0	15.6					
5573	Soil	1009	25.5	3.3	<0.01	0.05	1.07	1.0	0.3	0.2	3.8	0.01	0.10	1.8	0.009
5573 Dup		965	25.1	3.3	<0.01	0.05	1.04	1.0	0.3	0.2	3.7	0.01	0.09	1.7	0.009
QCV1108-01865-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.2				1.95		13.8	14.9					
5591	Soil	585	34.1	2.0	<0.01	0.03	6.31	2.1	0.3	<0.2	10.7	<0.01	0.08	3.0	<0.005
5591 Dup		573	34.2	2.0	<0.01	0.03	6.29	2.1	0.3	<0.2	11.0	<0.01	0.08	2.8	<0.005
QCV1108-01865-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5609	Soil	525	32.1	2.6	<0.01	0.02	4.40	1.9	<0.2	<0.2	3.1	<0.01	0.08	3.6	<0.005
5609 Dup		532	32.2	2.5	<0.01	0.02	4.40	1.8	<0.2	<0.2	3.0	<0.01	0.08	3.8	<0.005
QCV1108-01865-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.4				2.07		13.4	15.4					
5627	Soil	1150	31.5	5.7	<0.01	0.04	1.21	0.4	<0.2	0.5	6.4	<0.01	0.08	0.4	0.006
5627 Dup		1136	31.9	5.7	<0.01	0.04	1.31	0.4	<0.2	0.5	6.4	<0.01	0.08	0.4	0.006
QCV1108-01865-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-06278-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
QCV1108-01865-0025-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5501	Soil	0.06	1.24	45	0.18	4.19	96	1.6
5501 Dup		0.05	1.17	44	0.18	4.18	92	1.6
QCV1108-01865-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
5519	Soil	0.06	0.63	35	0.75	1.33	56	<0.5
5519 Dup		0.06	0.67	37	0.74	1.29	58	<0.5
QCV1108-01865-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
5537	Soil	<0.05	1.49	32	0.10	1.40	102	2.1
5537 Dup		<0.05	1.51	32	0.10	1.33	103	2.0
QCV1108-01865-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
5555	Soil	0.05	1.30	21	0.08	23.74	141	2.7
5555 Dup		0.06	1.32	21	0.08	23.15	142	2.7
QCV1108-01865-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
5573	Soil	<0.05	1.39	44	0.13	1.91	75	2.5
5573 Dup		<0.05	1.35	43	0.12	1.88	73	2.4
QCV1108-01865-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
5591	Soil	<0.05	0.82	21	0.08	6.71	101	2.1
5591 Dup		<0.05	0.81	19	0.08	6.72	94	2.2
QCV1108-01865-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4922	
5609	Soil	<0.05	0.98	30	0.09	2.20	92	2.7
5609 Dup		<0.05	1.00	30	0.09	2.18	92	2.7
QCV1108-01865-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							170	
5627	Soil	<0.05	0.73	46	0.22	1.78	73	<0.5
5627 Dup		<0.05	0.71	45	0.22	1.75	71	<0.5
QCV1108-01865-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5152	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
QCV1108-01865-0025-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5128	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **soils 3**
Description: **3 ACE**

Date Received: 08/24/2011
Date Completed: 09/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	146	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7215	Soil	<0.005	0.07	1.55	21.6	24	0.25	0.32	0.04	0.14	13.99	14.0	27	1.62	27.9
7216	Soil	0.009	0.05	1.17	29.9	23	0.22	0.21	0.03	0.09	16.70	8.7	17	0.99	23.3
7217	Soil	0.009	0.06	1.63	88.3	27	0.38	0.47	0.03	0.13	19.91	22.0	26	1.12	52.2
7218	Soil	0.013	0.04	1.02	124.8	26	0.17	0.30	0.02	0.11	11.10	8.6	16	1.17	29.8
7219	Soil	0.014	0.09	1.95	118.5	19	0.39	0.40	0.04	0.11	21.85	18.7	31	0.90	44.7
7220	Soil	0.015	0.07	1.93	75.2	20	0.37	0.40	0.06	0.10	20.49	18.7	31	0.97	41.9
7221	Soil	0.011	0.06	1.66	103.6	28	0.32	0.38	0.02	0.10	19.28	12.1	28	1.47	28.8
7222	Soil	<0.005	0.07	1.51	87.6	22	0.25	0.34	0.02	0.07	14.20	12.0	25	1.09	35.5
7223	Soil	0.008	0.07	1.45	119.7	18	0.26	0.38	0.02	0.10	13.26	13.6	21	0.96	39.4
7224	Soil	0.009	0.15	1.08	109.9	43	0.44	0.30	0.03	0.36	13.84	12.1	16	3.24	25.4
7225	Soil	0.013	0.13	1.81	68.0	17	0.36	0.39	0.05	0.07	13.84	18.0	23	1.05	51.4
7226	Soil	0.025	0.17	1.50	106.1	18	0.51	0.37	0.06	0.12	26.26	20.8	22	0.75	47.9
7227	Soil	0.024	0.05	1.55	50.5	19	0.44	0.46	0.01	0.09	29.61	19.2	25	1.69	48.6
7228	Soil	0.058	0.15	0.92	535.2	28	0.23	0.33	0.01	0.14	18.05	11.1	16	1.00	28.0
7229	Soil	0.057	0.27	0.30	167.0	19	0.34	0.53	0.01	0.10	12.92	16.0	7	1.21	43.1
7230	Soil	0.026	0.19	1.14	86.6	71	0.41	0.41	0.28	0.59	15.33	10.4	19	1.84	21.6
7231	Soil	0.017	0.21	1.57	57.7	24	0.26	0.55	0.02	0.12	6.20	8.0	24	2.48	32.3
7232	Soil	0.010	0.10	1.55	52.1	16	0.17	0.25	0.02	0.08	9.72	13.7	24	1.41	35.9
7233	Soil	0.062	0.34	1.87	638.3	34	0.58	0.51	0.03	0.16	11.48	21.6	26	1.77	59.0
7234	Soil	0.009	0.09	2.39	52.4	18	0.30	0.36	<0.01	0.09	17.05	22.3	31	1.16	53.0
7235	Soil	0.166	0.21	1.47	255.7	18	0.30	0.44	0.01	0.11	9.94	22.7	22	2.11	54.8
7236	Soil	0.009	0.04	1.99	17.6	19	0.22	0.25	0.02	0.10	17.10	18.6	25	0.85	40.9
7237	Soil	<0.005	0.07	1.44	8.5	24	0.22	0.22	0.02	0.08	11.83	10.7	19	1.17	21.7
7238	Soil	0.006	0.08	2.14	18.9	19	0.37	0.24	0.06	0.05	24.27	28.3	34	2.05	44.5
7239	Soil	0.340	0.45	0.39	584.1	25	0.18	0.46	<0.01	0.23	23.93	11.4	6	1.46	30.6
7240	Soil	0.041	0.55	0.51	407.8	58	0.34	0.49	0.08	0.60	12.69	14.2	11	1.38	28.4
7241	Soil	0.008	0.10	0.68	13.8	33	0.21	0.24	0.31	0.21	6.16	8.5	16	0.45	17.0
7242	Soil	0.007	0.09	0.50	9.1	23	0.19	0.19	0.16	0.20	6.83	7.6	12	0.37	10.6
7243	Soil	0.006	0.04	0.85	12.1	15	0.23	0.25	0.19	0.09	12.34	7.2	16	0.31	14.7
7244	Soil	0.005	0.06	0.72	14.1	37	0.25	0.21	0.42	0.22	7.20	8.8	17	0.39	13.9
7245	Soil	0.007	0.07	1.79	5.7	25	0.24	0.31	0.02	0.10	15.61	12.0	27	1.27	21.1
7246	Soil	0.006	0.06	0.70	7.9	31	0.19	0.16	0.08	0.12	6.17	8.4	12	0.37	10.9
7247	Soil	0.007	0.09	1.07	11.5	26	0.29	0.22	0.06	0.13	11.71	8.6	19	0.48	14.8
7248	Soil	0.006	0.05	1.76	6.5	40	0.55	0.65	0.07	0.12	21.86	24.3	29	0.96	68.7
7249	Soil	0.008	0.17	1.68	14.4	34	0.65	0.46	0.54	0.19	21.38	27.7	24	1.80	50.9
7250	Soil	0.011	0.07	1.65	15.9	31	0.44	0.44	0.03	0.09	15.84	15.4	22	0.89	36.0
7251	Soil	0.012	0.17	0.58	47.2	32	0.67	0.28	4.70	0.56	19.70	17.1	10	0.86	54.1
7252	Soil	0.007	0.07	1.93	7.7	36	0.79	0.50	0.05	0.08	24.30	24.0	25	1.26	72.6
7253	Soil	0.007	0.02	1.37	19.1	21	0.39	0.40	0.04	0.08	29.14	14.6	18	0.84	18.9
7254	Soil	0.007	0.08	1.79	16.4	43	0.73	0.35	0.23	0.06	13.46	15.1	21	1.40	15.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7255	Soil	<0.005	0.09	1.44	11.9	39	0.46	0.29	0.19	0.07	14.97	13.2	17	0.66	26.1
7256	Soil	<0.005	0.05	1.52	20.4	35	0.56	0.26	0.06	0.11	14.40	34.9	20	0.56	30.5
7257	Soil	0.006	0.11	1.64	26.2	23	0.49	0.27	0.17	0.16	14.44	27.4	29	0.44	31.2
7258	Soil	0.008	0.08	1.05	46.6	17	0.45	0.32	0.09	0.09	12.05	25.4	14	0.49	28.3
7259	Soil	0.007	0.10	0.98	13.1	22	0.30	0.29	0.17	0.11	10.26	11.7	16	0.40	25.4
7260	Soil	0.007	0.14	1.16	16.1	15	0.38	0.24	0.18	0.07	15.97	19.9	16	0.51	31.6
7261	Soil	0.008	0.10	1.24	18.0	18	0.38	0.29	0.12	0.07	14.95	19.1	18	0.56	29.2
7262	Soil	0.009	0.17	1.56	19.0	18	0.82	0.44	0.09	0.11	23.93	48.1	24	0.89	50.4
7263	Soil	0.006	0.06	1.64	15.4	26	0.48	0.46	0.05	0.14	19.27	21.6	25	0.66	36.7
7264	Soil	0.015	0.08	1.37	11.6	29	0.51	0.35	0.07	0.13	20.20	18.7	22	0.61	31.4
7265	Soil	0.005	0.06	0.92	6.0	37	0.25	0.33	0.05	0.10	10.51	8.0	15	0.72	18.9
7266	Soil	<0.005	0.07	1.33	14.5	23	0.32	0.36	0.02	0.08	14.59	11.4	20	0.71	25.8
7267	Soil	0.006	0.09	1.09	5.3	45	0.35	0.23	0.08	0.08	12.46	4.7	12	0.79	16.4
7268	Soil	0.007	0.08	1.39	12.0	38	0.38	0.31	0.10	0.10	17.78	12.4	21	0.78	26.5
7269	Soil	0.009	0.07	0.80	3.8	28	0.20	0.22	0.05	0.08	9.82	3.5	12	0.73	14.6
7270	Soil	0.008	0.05	1.42	9.5	33	0.27	0.39	0.03	0.11	17.36	9.4	22	0.75	26.6
7271	Soil	0.005	0.06	1.12	7.2	35	0.23	0.29	0.03	0.15	11.10	7.8	22	0.63	19.7
7272	Soil	0.006	0.06	1.50	13.1	33	0.40	0.37	0.04	0.15	22.39	15.7	27	0.95	27.5
7273	Soil	0.013	0.07	1.69	13.9	48	0.39	0.34	0.06	0.26	27.54	11.6	28	0.91	22.6
7274	Soil	0.008	0.06	1.82	17.9	47	0.52	0.46	0.06	0.22	30.90	17.7	27	1.02	30.5
7275	Soil	0.010	0.08	1.32	9.0	41	0.33	0.30	0.07	0.18	13.37	12.0	24	0.56	26.6
7276	Soil	0.009	0.09	1.42	10.7	29	0.25	0.34	0.04	0.18	12.13	9.4	32	0.68	25.8
7277	Soil	0.007	0.04	1.25	10.2	26	0.31	0.37	0.04	0.08	16.52	15.8	21	0.77	34.2
7278	Soil	0.007	0.09	1.09	6.7	23	0.30	0.27	0.06	0.13	13.04	13.1	17	0.76	26.1
7279	Soil	0.009	0.18	0.80	16.7	58	0.56	0.33	1.79	0.30	42.17	18.0	14	0.32	26.4
7280	Soil	0.006	0.16	0.80	14.1	58	0.70	0.31	7.77	0.26	48.10	12.8	14	0.24	25.9
7281	Soil	0.007	0.15	0.94	12.7	77	0.71	0.33	2.96	0.18	44.54	13.1	13	0.20	29.1
7282	Soil	0.010	0.14	1.07	11.0	69	0.54	0.27	5.57	0.22	38.51	14.1	18	0.25	25.9
7283	Soil	<0.005	0.07	1.42	7.1	42	0.34	0.31	0.09	0.11	16.70	11.5	21	0.53	26.5
7284	Soil	0.007	0.09	1.26	10.6	40	0.51	0.36	0.19	0.09	30.73	20.4	24	0.79	31.4
7285	Soil	0.009	0.04	0.65	6.4	24	0.13	0.13	0.03	0.05	7.55	2.4	7	0.45	10.2
7286	Soil	0.006	0.07	1.78	11.4	37	0.29	0.47	0.05	0.13	28.56	10.5	29	1.27	23.7
7287	Soil	0.006	0.06	1.42	8.2	38	0.56	0.38	0.05	0.10	24.01	17.8	22	1.07	28.9
7288	Soil	0.006	0.07	1.32	11.7	35	0.26	0.46	0.04	0.16	13.36	10.3	27	0.70	22.2
7289	Soil	0.011	0.07	1.66	9.7	43	0.54	0.30	0.07	0.10	22.06	38.6	25	0.63	38.4
7290	Soil	0.008	0.06	1.20	10.7	19	0.21	0.45	0.02	0.12	10.24	6.2	23	0.46	23.7
7291	Soil	0.006	0.04	0.42	0.9	24	0.14	0.06	0.02	0.06	3.21	1.2	4	0.29	6.3
7292	Soil	<0.005	0.10	1.04	8.3	45	0.25	0.31	0.05	0.11	16.51	6.6	18	0.85	21.0
7293	Soil	0.009	0.08	1.68	7.8	38	0.63	0.43	0.09	0.08	15.94	54.0	22	0.92	42.3
7294	Soil	<0.005	0.07	1.50	10.5	40	0.35	0.48	0.03	0.11	17.09	15.5	26	0.96	28.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7295	Soil	0.006	0.07	1.38	12.1	47	0.55	0.38	0.05	0.15	22.54	21.3	19	0.77	28.3
7296	Soil	0.007	0.09	1.40	12.8	44	0.49	0.39	0.05	0.17	18.32	14.7	20	0.79	27.0
7297	Soil	0.005	0.06	1.25	22.2	35	0.62	0.51	0.05	0.11	23.95	48.3	19	0.82	44.4
7298	Soil	0.006	0.06	1.61	8.6	22	0.43	0.41	0.03	0.06	13.37	29.0	22	1.00	36.3
7299	Soil	0.009	0.05	1.56	8.3	26	0.52	0.36	0.02	0.07	9.73	34.4	22	1.02	39.9
7300	Soil	0.006	0.22	1.76	16.7	37	0.83	0.50	0.06	0.08	23.55	49.9	22	1.16	57.5
7301	Soil	<0.005	0.13	1.45	14.5	34	0.53	0.52	0.18	0.12	28.83	20.9	22	0.85	38.5
7302	Soil	0.008	0.05	0.81	5.9	36	0.22	0.16	0.06	0.09	12.89	4.0	8	0.62	10.4
7303	Soil	0.006	0.07	0.84	9.0	36	0.32	0.25	0.11	0.11	17.77	8.6	11	0.65	14.6
7304	Soil	<0.005	0.06	1.09	7.7	50	0.29	0.34	0.15	0.10	10.56	9.0	15	0.67	18.4
7305	Soil	0.010	0.08	1.44	11.9	31	0.54	0.34	0.17	0.08	19.53	20.3	20	1.13	29.7
7306	Soil	0.005	0.05	1.39	10.0	20	0.37	0.28	0.02	0.11	15.50	12.7	21	0.77	10.8
7307	Soil	0.008	0.06	1.35	9.6	28	0.38	0.27	0.12	0.09	13.53	11.8	17	0.93	15.4
7308	Soil	0.008	0.09	1.43	10.2	28	0.52	0.19	0.08	0.12	12.08	10.2	20	0.82	11.1
7309	Soil	0.013	0.06	1.32	45.9	27	0.61	0.31	0.19	0.06	43.36	14.0	14	1.11	14.9
7310	Soil	<0.005	0.04	1.20	20.5	28	0.28	0.23	0.01	0.10	34.87	8.4	14	0.56	9.8
7311	Soil	<0.005	0.10	1.51	15.5	51	0.62	0.37	0.10	0.07	14.92	7.1	20	1.48	18.5
7312	Soil	0.005	0.02	1.46	19.4	11	0.37	0.31	0.03	0.07	26.32	26.7	19	0.72	27.5
7313	Soil	0.006	0.04	0.60	3.6	23	0.16	0.12	0.04	0.17	5.00	6.6	15	0.32	5.1
7314	Soil	<0.005	0.06	1.16	12.1	29	0.34	0.24	0.06	0.14	13.34	11.2	18	0.48	13.9
7315	Soil	0.006	0.11	1.32	18.4	17	0.33	0.29	0.02	0.10	15.03	18.3	17	0.57	20.9
7316	Soil	0.006	0.08	1.11	21.2	37	0.33	0.38	0.10	0.10	13.33	14.1	16	0.50	19.4
7317	Soil	0.006	0.10	1.18	17.2	27	0.34	0.25	0.15	0.08	19.95	10.4	18	0.55	15.6
7318	Soil	0.006	0.10	0.61	7.2	28	0.23	0.13	0.15	0.14	9.40	8.7	10	0.54	10.0
7319	Soil	0.007	0.09	1.28	9.3	45	0.34	0.28	0.02	0.14	21.50	14.5	26	0.91	23.1
7320	Soil	0.008	0.11	1.30	11.3	35	0.30	0.30	0.13	0.09	18.06	11.1	19	0.83	17.6
7321	Soil	0.031	0.26	1.78	106.9	32	0.63	0.61	0.02	0.20	54.53	24.0	27	4.37	67.9
7322	Soil	0.021	0.25	1.15	82.8	42	0.34	0.48	0.01	0.27	43.53	15.1	22	1.75	39.3
7323	Soil	0.102	5.76	0.77	684.7	40	0.32	0.94	0.02	1.15	30.51	27.8	14	1.64	44.8
7324	Soil	0.177	1.45	0.68	588.2	33	0.36	0.45	<0.01	0.52	28.88	15.2	11	1.50	39.9
7325	Soil	0.006	0.10	1.53	10.5	24	0.19	0.27	0.03	0.10	14.24	10.2	25	1.83	16.7
7326	Soil	<0.005	0.07	2.09	10.2	25	0.27	0.54	0.01	0.07	34.42	21.4	27	1.77	66.8
7327	Soil	0.007	0.05	1.40	13.7	34	0.19	0.18	0.04	0.16	18.08	13.0	21	1.03	18.6
7328	Soil	0.009	0.10	1.85	85.3	20	0.26	0.30	0.02	0.09	27.15	17.4	29	1.15	35.1
7329	Soil	0.010	0.07	2.63	28.3	23	0.51	0.47	0.06	0.07	28.69	25.2	38	3.10	61.1
7330	Soil	0.015	0.17	2.01	180.3	24	0.42	0.30	0.03	0.28	30.75	25.4	28	1.54	67.5
7331	Soil	0.008	0.06	1.82	30.4	20	0.28	0.25	0.02	0.09	29.69	18.1	25	1.65	40.0
7332	Soil	0.036	0.36	1.57	167.7	22	0.38	0.50	0.03	0.11	21.62	17.0	24	2.01	38.4
7333	Soil	0.008	0.07	0.67	28.7	19	0.16	0.20	0.02	0.11	6.96	9.1	10	1.38	15.8
7334	Soil	0.008	0.08	0.40	12.1	13	0.05	0.08	0.03	0.03	7.16	1.8	3	0.55	8.5

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7335	Soil	0.022	0.35	0.87	101.7	50	0.28	0.45	0.02	0.17	36.15	13.9	17	2.86	29.9
7336	Soil	0.009	0.16	0.85	74.1	29	0.27	0.27	0.02	0.14	21.80	7.8	16	1.42	18.4
7337	Soil	0.015	0.09	1.20	88.8	34	0.21	0.38	0.02	0.13	34.57	11.3	25	2.21	28.3
7338	Soil	0.008	0.07	0.93	35.2	27	0.17	0.24	0.02	0.08	19.27	8.1	16	1.20	19.2
7339	Soil	0.021	0.13	1.28	160.5	39	0.37	0.44	0.02	0.13	40.02	15.0	23	1.69	38.0
7340	Soil	0.014	0.34	1.19	90.9	45	0.39	0.34	0.12	0.27	24.14	21.5	23	2.34	37.6
7341	Soil	0.008	0.04	1.44	159.5	17	0.28	0.51	0.02	0.07	28.68	17.7	22	1.06	47.1
7342	Soil	0.044	0.64	1.16	401.5	25	0.37	0.39	0.04	0.16	25.77	18.1	21	2.11	40.3
7343	Soil	0.021	0.11	1.12	238.7	37	0.34	0.44	0.04	0.12	40.59	15.4	22	3.44	33.1
7344	Soil	0.020	0.08	0.39	109.8	33	0.29	0.33	0.03	0.07	49.69	16.0	8	2.09	35.4
7345	Soil	0.019	0.15	0.31	77.3	21	0.41	0.37	0.04	0.06	28.25	10.4	8	2.53	32.1
7346	Soil	0.012	0.09	1.62	92.0	25	0.40	0.41	0.03	0.03	61.24	18.2	27	2.54	38.0
7347	Soil	<0.005	0.06	1.11	23.0	31	0.25	0.30	0.02	0.07	23.88	11.9	14	1.55	28.3
7348	Soil	0.007	0.05	1.99	20.7	19	0.33	0.37	0.02	0.05	41.75	20.0	35	3.38	38.0
7349	Soil	0.017	0.13	1.35	84.5	20	0.39	0.59	0.08	0.64	43.54	42.1	24	3.17	71.7
7350	Soil	0.035	0.09	1.79	300.0	27	0.40	0.41	0.02	0.10	28.56	23.0	30	3.06	43.5
7351	Soil	0.036	0.13	1.64	85.4	26	0.41	0.38	0.03	0.08	14.49	21.4	26	2.63	44.9
7352	Soil	0.006	0.09	1.02	15.3	20	0.26	0.26	0.04	0.09	5.82	13.7	15	3.21	30.5
7353	Soil	0.008	0.10	1.08	55.7	26	0.22	0.23	0.03	0.05	13.02	5.9	16	1.63	19.5
7354	Soil	0.007	0.10	0.50	79.9	22	0.44	0.44	0.05	0.06	42.61	17.4	11	2.09	37.4
7355	Soil	0.009	0.11	2.08	54.4	22	0.41	0.41	0.03	0.08	21.38	21.3	35	2.88	49.7
7356	Soil	0.020	0.09	2.20	62.2	21	0.48	0.48	0.04	0.09	26.65	32.2	35	3.61	60.3
7357	Soil	0.014	0.09	1.98	234.6	27	0.43	0.46	0.09	0.10	17.75	22.4	29	3.58	47.2
7358	Soil	<0.005	0.13	1.75	133.8	32	0.35	0.38	0.05	0.07	15.66	15.3	25	4.26	31.8
7359	Soil	0.013	0.05	2.09	16.4	21	0.29	0.53	0.03	0.08	25.35	17.3	35	4.07	33.5
7360	Soil	0.008	0.09	1.86	25.0	20	0.43	0.36	0.03	0.06	16.40	19.3	29	2.45	53.8

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Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7215	Soil	2.83	5.53	<0.05	0.22	0.01	0.02	6.5	41.1	0.60	702	0.73	0.01	0.53	29.5
7216	Soil	2.35	4.07	<0.05	0.08	0.01	0.01	8.2	29.4	0.43	358	0.40	0.01	0.25	21.2
7217	Soil	3.44	5.70	<0.05	0.08	0.02	0.02	9.9	49.6	0.73	790	0.92	<0.01	0.29	38.1
7218	Soil	2.06	4.21	<0.05	0.07	0.01	0.02	5.7	24.2	0.38	476	0.77	0.02	0.30	17.4
7219	Soil	3.61	6.17	<0.05	0.08	0.02	0.02	10.9	65.3	0.95	911	0.85	<0.01	0.18	40.2
7220	Soil	3.82	6.40	0.05	0.08	0.02	0.02	9.7	56.9	0.90	975	0.78	<0.01	0.26	41.2
7221	Soil	3.44	6.55	<0.05	0.03	0.02	0.03	9.6	39.6	0.65	660	1.15	<0.01	0.58	28.3
7222	Soil	3.41	5.87	<0.05	0.09	0.02	0.02	7.4	35.0	0.55	666	0.79	<0.01	0.38	23.6
7223	Soil	2.72	4.89	<0.05	0.06	0.02	0.02	6.8	40.8	0.62	716	0.85	0.01	0.27	26.4
7224	Soil	2.41	3.88	<0.05	0.08	0.02	0.02	6.5	14.9	0.23	1166	0.74	0.01	0.32	20.2
7225	Soil	3.10	5.42	0.07	0.13	0.02	0.01	6.6	62.2	0.84	1237	0.76	0.01	0.19	34.4
7226	Soil	3.93	4.73	0.06	0.06	0.02	0.02	13.6	47.2	0.69	803	0.80	<0.01	0.23	42.0
7227	Soil	3.79	4.89	<0.05	0.07	0.02	0.01	15.5	45.7	0.66	586	0.78	<0.01	0.30	40.1
7228	Soil	2.96	3.59	<0.05	0.03	0.02	0.02	9.4	11.7	0.19	541	0.76	0.01	0.30	21.9
7229	Soil	3.81	1.33	<0.05	0.03	0.04	0.02	7.2	1.9	0.04	643	1.18	<0.01	0.07	39.2
7230	Soil	2.64	3.93	<0.05	0.09	0.02	0.04	7.1	26.8	0.39	1680	0.68	0.01	0.14	33.2
7231	Soil	3.08	5.55	<0.05	0.13	0.02	0.03	2.8	38.0	0.60	354	0.81	0.02	0.23	27.9
7232	Soil	3.00	5.43	<0.05	0.17	0.01	0.02	5.3	41.5	0.64	591	0.78	0.01	0.18	29.7
7233	Soil	3.78	5.97	<0.05	0.15	0.02	0.02	5.6	50.4	0.77	1051	0.78	<0.01	0.09	37.3
7234	Soil	4.18	7.22	0.06	0.17	0.02	0.02	9.2	74.4	1.09	933	0.56	<0.01	0.09	42.2
7235	Soil	3.69	4.61	<0.05	0.16	0.02	0.02	5.2	36.3	0.54	669	0.69	<0.01	0.09	44.2
7236	Soil	3.55	6.14	<0.05	0.14	0.01	0.02	9.3	59.8	0.90	1216	0.51	0.01	0.16	34.2
7237	Soil	2.23	4.72	<0.05	0.14	0.01	0.03	5.8	33.7	0.54	821	0.63	0.02	0.18	21.3
7238	Soil	3.55	7.13	<0.05	0.22	0.02	0.02	13.0	63.8	0.90	697	0.38	0.01	0.11	37.8
7239	Soil	2.50	2.62	<0.05	<0.02	0.02	0.03	13.8	0.6	0.02	162	0.90	<0.01	0.12	24.4
7240	Soil	2.52	2.61	<0.05	0.04	0.04	0.05	6.9	5.1	0.09	1427	0.98	0.01	0.13	22.0
7241	Soil	1.91	2.89	<0.05	0.12	<0.01	0.04	3.1	13.0	0.23	573	1.44	0.01	0.25	15.9
7242	Soil	1.44	2.58	<0.05	0.08	0.01	0.04	3.2	4.3	0.09	701	1.30	0.01	0.20	9.1
7243	Soil	2.43	3.38	<0.05	0.10	0.01	0.02	5.7	17.9	0.29	149	0.77	<0.01	0.19	17.8
7244	Soil	1.91	2.86	<0.05	0.13	<0.01	0.06	3.4	15.7	0.28	520	1.12	<0.01	0.21	15.9
7245	Soil	3.01	5.44	<0.05	0.17	0.01	0.03	8.1	43.0	0.73	461	0.96	0.01	0.13	30.8
7246	Soil	1.58	2.81	<0.05	0.07	<0.01	0.04	3.2	12.5	0.24	350	0.85	0.02	0.18	12.7
7247	Soil	2.51	4.40	<0.05	0.08	<0.01	0.03	5.8	16.8	0.31	578	1.12	0.01	0.23	16.4
7248	Soil	3.85	5.39	0.05	0.15	0.01	0.04	11.7	48.1	0.68	610	0.94	0.01	0.08	41.7
7249	Soil	3.02	4.48	<0.05	1.06	0.02	0.03	10.6	47.6	0.81	1451	1.17	<0.01	0.07	38.4
7250	Soil	3.12	4.74	<0.05	0.53	0.02	0.02	8.2	33.3	0.55	808	0.81	<0.01	0.25	26.3
7251	Soil	2.04	1.32	<0.05	0.33	0.02	0.04	9.8	9.8	1.08	593	3.94	<0.01	0.06	30.8
7252	Soil	3.42	5.29	<0.05	0.24	0.01	0.02	12.3	53.7	0.83	1105	0.68	<0.01	0.06	39.6
7253	Soil	3.19	3.42	<0.05	0.06	<0.01	0.01	15.3	22.4	0.44	270	0.67	<0.01	<0.05	28.1
7254	Soil	3.05	5.02	<0.05	0.21	0.02	0.04	7.0	40.5	0.59	289	0.54	0.01	0.16	29.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7255	Soil	2.43	4.25	<0.05	0.16	0.01	0.03	7.8	29.8	0.47	384	0.61	0.01	0.18	23.4
7256	Soil	2.49	4.43	<0.05	0.18	0.02	0.03	7.0	31.4	0.46	917	0.58	0.01	0.16	27.6
7257	Soil	2.99	4.65	<0.05	0.11	0.01	0.02	6.8	42.2	0.61	720	1.26	<0.01	0.09	36.0
7258	Soil	2.31	3.06	<0.05	0.13	0.01	0.02	6.0	25.8	0.39	479	0.64	<0.01	0.06	28.8
7259	Soil	2.36	3.11	<0.05	0.14	0.01	0.02	4.4	17.8	0.30	462	0.84	<0.01	0.18	21.9
7260	Soil	2.41	3.40	<0.05	0.24	0.01	0.02	7.5	26.2	0.45	735	0.41	<0.01	<0.05	24.9
7261	Soil	2.62	3.73	<0.05	0.14	0.01	0.02	7.1	26.3	0.47	473	0.43	<0.01	0.09	26.8
7262	Soil	3.32	4.99	<0.05	0.06	0.02	0.02	12.1	41.4	0.65	656	0.70	<0.01	0.10	40.8
7263	Soil	3.46	4.80	<0.05	0.16	0.02	0.04	7.9	39.7	0.58	604	0.89	<0.01	0.31	33.2
7264	Soil	2.89	3.80	<0.05	0.11	0.02	0.02	8.6	34.5	0.55	592	0.82	<0.01	0.20	32.6
7265	Soil	2.59	5.21	<0.05	0.07	0.01	0.04	5.2	8.8	0.16	686	0.85	0.01	0.31	9.8
7266	Soil	2.94	4.60	<0.05	0.09	0.02	0.03	6.6	26.8	0.42	454	0.76	<0.01	0.41	21.1
7267	Soil	1.49	3.60	<0.05	0.11	0.01	0.03	5.8	12.9	0.23	102	0.50	0.02	0.43	11.7
7268	Soil	2.59	4.54	<0.05	0.08	0.02	0.03	8.7	29.6	0.47	459	0.69	<0.01	0.36	24.0
7269	Soil	1.30	3.58	<0.05	0.09	0.01	0.03	5.0	6.4	0.12	161	0.79	0.02	0.35	7.5
7270	Soil	3.10	5.69	<0.05	0.04	0.02	0.03	8.2	23.4	0.38	422	0.97	<0.01	0.41	19.6
7271	Soil	2.35	4.37	<0.05	0.07	0.01	0.03	5.5	17.3	0.27	341	1.20	0.01	0.33	17.6
7272	Soil	2.90	5.08	<0.05	0.03	0.02	0.05	10.2	25.0	0.45	697	1.61	<0.01	0.54	24.8
7273	Soil	2.99	5.42	<0.05	0.03	0.02	0.04	12.2	31.7	0.49	382	1.49	<0.01	0.66	28.9
7274	Soil	3.36	5.96	<0.05	0.05	0.02	0.06	13.8	39.5	0.61	522	1.12	<0.01	0.70	31.9
7275	Soil	2.82	4.64	<0.05	0.13	0.01	0.03	6.1	30.7	0.44	553	1.13	<0.01	0.36	24.7
7276	Soil	3.54	5.81	<0.05	0.05	0.02	0.04	5.6	21.1	0.34	595	1.57	<0.01	0.58	22.9
7277	Soil	2.91	4.21	<0.05	0.06	0.02	0.04	7.7	27.5	0.44	409	0.89	<0.01	0.35	28.3
7278	Soil	2.20	3.63	<0.05	0.09	0.02	0.03	6.2	20.7	0.33	470	0.94	0.02	0.35	20.4
7279	Soil	3.04	2.32	<0.05	0.18	0.06	0.02	21.3	14.1	0.28	788	0.86	<0.01	0.46	30.4
7280	Soil	2.60	2.30	<0.05	0.15	0.03	0.02	24.5	14.6	0.33	427	0.69	<0.01	0.44	25.9
7281	Soil	2.93	2.34	<0.05	0.27	0.04	0.02	24.1	12.1	0.25	444	0.68	<0.01	0.40	27.5
7282	Soil	2.28	2.94	<0.05	0.14	0.03	0.02	18.8	19.2	0.41	422	0.93	0.01	0.54	24.9
7283	Soil	2.68	4.71	<0.05	0.97	0.02	0.03	8.9	35.0	0.48	584	0.87	0.02	0.34	24.7
7284	Soil	2.82	4.70	<0.05	0.20	0.02	0.03	15.6	39.3	0.54	523	0.71	<0.01	0.44	32.6
7285	Soil	0.88	2.75	<0.05	0.48	<0.01	0.02	3.9	5.5	0.09	62	0.40	0.03	0.27	5.1
7286	Soil	3.25	7.29	<0.05	0.08	0.03	0.04	13.8	29.4	0.52	421	1.28	<0.01	1.11	22.5
7287	Soil	2.90	5.01	<0.05	0.09	0.02	0.03	11.5	32.3	0.45	1006	0.76	0.01	0.36	25.4
7288	Soil	3.55	6.27	<0.05	0.13	0.02	0.03	6.6	23.3	0.36	375	1.31	<0.01	0.54	20.6
7289	Soil	3.10	5.20	<0.05	0.15	0.02	0.03	10.5	46.8	0.65	639	0.64	<0.01	0.35	32.7
7290	Soil	3.30	6.64	<0.05	0.11	0.01	0.02	5.1	26.0	0.38	148	0.93	<0.01	0.52	19.5
7291	Soil	0.47	1.57	<0.05	0.15	<0.01	0.02	1.6	2.5	0.05	40	0.27	0.03	0.16	2.6
7292	Soil	2.03	4.74	<0.05	0.05	0.02	0.04	8.1	13.4	0.23	344	1.05	0.01	0.43	14.4
7293	Soil	3.40	4.79	<0.05	0.07	0.02	0.03	7.3	45.7	0.61	1019	0.85	<0.01	0.12	36.6
7294	Soil	3.42	6.21	<0.05	0.13	0.02	0.04	7.9	26.9	0.41	843	1.15	<0.01	0.55	23.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7295	Soil	2.71	4.15	<0.05	0.11	0.02	0.03	8.9	31.2	0.46	978	0.71	<0.01	0.28	26.8
7296	Soil	2.83	4.45	<0.05	0.10	0.02	0.03	7.3	33.3	0.50	563	0.90	<0.01	0.38	28.1
7297	Soil	2.86	3.99	<0.05	0.06	0.03	0.03	10.2	29.2	0.43	1283	0.90	<0.01	0.21	32.6
7298	Soil	3.34	5.15	<0.05	0.13	0.02	0.02	5.9	39.6	0.57	959	0.69	<0.01	0.19	27.4
7299	Soil	2.91	4.81	<0.05	0.21	0.02	0.02	4.4	40.0	0.56	762	1.18	<0.01	0.12	28.4
7300	Soil	3.40	4.89	<0.05	0.17	0.02	0.03	10.5	48.8	0.68	1094	0.73	<0.01	0.12	37.2
7301	Soil	3.38	4.28	<0.05	0.09	0.02	0.03	13.4	36.9	0.58	834	0.87	<0.01	0.17	34.5
7302	Soil	1.24	2.86	<0.05	0.06	0.01	0.02	5.9	6.0	0.10	242	0.56	0.02	0.26	7.8
7303	Soil	1.91	2.78	<0.05	0.10	0.02	0.02	8.0	12.7	0.19	383	0.55	0.01	0.29	15.3
7304	Soil	2.34	4.29	<0.05	0.10	0.01	0.03	5.4	19.9	0.32	459	0.63	<0.01	0.31	15.9
7305	Soil	2.84	4.52	<0.05	0.12	0.02	0.02	9.1	35.7	0.52	616	0.55	<0.01	0.13	27.7
7306	Soil	2.50	4.28	<0.05	0.17	0.01	0.03	7.6	35.2	0.55	277	1.11	0.01	0.20	25.5
7307	Soil	2.10	3.83	<0.05	0.11	0.01	0.04	6.6	30.2	0.48	357	0.77	0.02	0.24	20.4
7308	Soil	2.27	4.20	<0.05	0.22	0.01	0.03	5.7	32.3	0.49	451	1.04	0.01	0.22	21.3
7309	Soil	2.98	3.40	<0.05	0.04	0.01	0.02	21.6	24.7	0.40	451	0.67	<0.01	<0.05	26.2
7310	Soil	2.26	3.43	<0.05	0.07	0.01	0.03	16.5	13.3	0.24	640	0.90	<0.01	0.22	14.7
7311	Soil	2.12	5.29	<0.05	0.11	0.02	0.05	7.7	19.0	0.31	239	0.98	0.02	0.61	15.9
7312	Soil	2.84	4.08	<0.05	0.09	0.01	0.01	12.7	40.1	0.59	340	0.44	<0.01	0.07	30.4
7313	Soil	1.12	2.35	<0.05	0.08	<0.01	0.03	2.5	9.5	0.16	471	1.14	0.02	0.13	11.4
7314	Soil	2.29	3.71	<0.05	0.10	0.01	0.03	6.5	25.3	0.40	497	0.83	0.01	0.27	20.3
7315	Soil	2.57	3.74	<0.05	0.17	0.01	0.03	7.2	25.3	0.41	537	0.69	<0.01	0.13	22.1
7316	Soil	2.58	3.56	<0.05	0.12	0.02	0.03	6.5	26.3	0.44	304	0.69	<0.01	0.14	24.5
7317	Soil	2.44	3.85	<0.05	1.34	0.01	0.04	10.2	27.2	0.42	405	0.67	<0.01	0.28	20.1
7318	Soil	1.30	2.51	<0.05	0.34	<0.01	0.03	4.6	9.6	0.17	539	0.71	0.02	0.25	10.0
7319	Soil	3.02	4.88	<0.05	0.14	0.02	0.03	10.4	26.1	0.48	1239	1.26	0.01	0.29	22.7
7320	Soil	2.45	4.26	<0.05	0.23	0.01	0.04	9.0	30.3	0.50	342	0.65	0.01	0.21	24.8
7321	Soil	4.34	6.34	0.05	0.10	0.04	0.03	26.9	48.4	0.65	974	1.01	0.01	0.25	39.5
7322	Soil	3.92	6.52	<0.05	0.07	0.03	0.03	23.7	20.2	0.29	1009	1.07	0.01	0.27	23.8
7323	Soil	5.18	3.84	0.06	0.05	2.47	0.02	15.4	12.4	0.17	1706	0.81	<0.01	0.14	35.6
7324	Soil	3.50	2.32	<0.05	0.07	0.06	0.03	14.6	9.1	0.13	924	0.89	<0.01	0.12	31.6
7325	Soil	3.23	6.23	<0.05	0.27	0.01	0.02	7.8	32.7	0.48	805	0.50	0.01	0.28	19.9
7326	Soil	4.00	6.52	<0.05	0.15	0.02	0.03	18.6	65.9	0.92	1204	1.84	0.01	0.14	37.2
7327	Soil	2.45	5.34	<0.05	0.06	0.02	0.03	9.5	36.7	0.54	1268	0.61	0.02	0.13	23.0
7328	Soil	3.38	5.83	0.06	0.25	0.02	0.03	14.1	54.0	0.78	1261	0.74	0.02	0.18	33.3
7329	Soil	4.64	7.77	0.08	0.05	0.02	0.02	13.8	83.4	1.11	806	0.52	<0.01	<0.05	53.4
7330	Soil	3.25	5.82	0.07	0.19	0.03	0.02	15.5	63.9	0.94	1490	0.73	0.02	0.16	40.7
7331	Soil	3.06	5.71	0.06	0.16	0.01	0.02	15.4	59.2	0.78	857	0.81	0.01	0.19	34.0
7332	Soil	3.41	5.16	0.05	0.11	0.02	0.03	10.8	40.4	0.57	1070	0.67	0.01	0.21	30.4
7333	Soil	1.53	2.57	<0.05	0.07	<0.01	0.02	3.7	11.9	0.17	634	0.42	0.02	0.15	12.3
7334	Soil	0.66	2.95	<0.05	0.08	<0.01	0.02	3.8	1.0	0.02	106	0.24	0.03	0.12	2.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7335	Soil	3.22	4.14	<0.05	0.02	0.02	0.03	19.8	9.4	0.14	1372	0.70	0.01	0.23	22.3
7336	Soil	2.29	4.14	<0.05	0.02	0.02	0.04	11.5	9.2	0.16	448	0.89	0.02	0.27	15.1
7337	Soil	3.77	5.47	0.06	<0.02	0.02	0.04	18.3	21.3	0.31	750	1.01	0.01	0.33	23.2
7338	Soil	2.43	3.67	<0.05	0.04	0.01	0.03	10.3	14.8	0.24	609	0.67	0.02	0.21	14.7
7339	Soil	3.46	4.32	0.06	0.03	0.03	0.04	21.0	26.6	0.42	789	1.06	<0.01	0.28	31.2
7340	Soil	2.85	3.88	0.06	0.09	0.02	0.05	12.0	35.4	0.52	2402	1.53	0.02	0.12	40.7
7341	Soil	3.44	4.69	0.06	0.09	0.02	0.01	15.2	44.8	0.61	640	0.76	0.01	0.26	37.6
7342	Soil	3.71	3.67	0.06	0.09	0.02	0.04	13.6	27.9	0.44	918	1.15	<0.01	0.21	38.0
7343	Soil	3.35	3.77	0.05	<0.02	0.02	0.04	21.3	20.4	0.35	513	2.38	<0.01	0.31	31.5
7344	Soil	2.56	1.43	0.06	<0.02	0.02	0.02	26.1	5.7	0.10	893	0.61	0.01	0.13	30.9
7345	Soil	2.46	1.10	<0.05	0.04	0.02	0.02	15.2	7.8	0.07	520	0.34	<0.01	<0.05	26.1
7346	Soil	3.85	5.57	0.07	0.08	0.02	0.02	29.4	52.7	0.74	636	0.50	<0.01	<0.05	46.9
7347	Soil	2.28	3.89	<0.05	0.08	0.01	0.03	12.5	25.5	0.37	748	0.48	0.02	0.22	19.6
7348	Soil	4.07	6.92	0.07	0.16	0.02	0.02	20.5	58.4	0.81	900	0.41	<0.01	<0.05	40.9
7349	Soil	4.29	4.38	0.08	0.06	0.03	0.02	21.5	36.7	0.55	1067	0.81	<0.01	<0.05	56.4
7350	Soil	4.03	6.09	0.07	0.16	0.02	0.02	13.4	49.8	0.68	1077	0.58	<0.01	0.07	42.3
7351	Soil	3.53	5.08	<0.05	1.17	0.02	0.02	6.6	43.9	0.63	552	0.50	<0.01	0.11	37.2
7352	Soil	1.99	3.54	<0.05	0.57	0.01	0.02	2.7	21.2	0.32	338	0.46	0.02	0.29	20.1
7353	Soil	2.34	4.80	<0.05	0.17	0.01	0.02	6.2	13.2	0.21	398	0.56	0.02	0.34	12.0
7354	Soil	2.96	1.74	0.05	0.05	0.02	0.01	23.8	11.0	0.17	739	0.52	<0.01	<0.05	39.4
7355	Soil	4.18	6.78	0.07	0.18	0.03	0.01	9.5	63.1	0.87	684	0.52	<0.01	0.10	41.8
7356	Soil	4.37	7.02	0.07	0.13	0.03	0.02	11.8	68.1	0.93	827	0.48	<0.01	0.07	46.8
7357	Soil	3.57	6.12	0.05	0.17	0.02	0.02	7.8	54.3	0.79	605	0.55	0.01	0.16	35.9
7358	Soil	3.08	5.68	0.05	0.19	0.02	0.02	6.7	43.5	0.63	707	0.50	0.01	0.20	27.9
7359	Soil	4.00	7.20	0.06	0.14	0.02	0.02	11.9	61.5	0.88	759	0.76	<0.01	0.42	35.7
7360	Soil	3.63	5.91	0.08	0.19	0.02	0.02	7.3	56.3	0.77	527	0.51	<0.01	0.15	37.2

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7215	Soil	680	23.3	2.8	<0.01	0.03	0.84	1.6	0.4	<0.2	4.3	0.02	0.05	3.5	0.008
7216	Soil	499	15.7	2.0	<0.01	0.02	1.18	1.0	<0.2	<0.2	4.0	<0.01	0.05	2.2	<0.005
7217	Soil	582	32.1	2.6	<0.01	0.02	1.96	1.3	0.5	<0.2	5.9	<0.01	0.12	2.9	0.005
7218	Soil	721	22.1	2.6	<0.01	0.05	1.88	0.5	0.5	0.2	4.2	0.01	0.10	0.8	0.006
7219	Soil	456	32.6	2.3	<0.01	0.01	1.45	1.6	0.5	<0.2	5.1	<0.01	0.07	4.6	<0.005
7220	Soil	537	22.2	2.9	<0.01	0.01	1.24	1.9	0.3	<0.2	6.1	<0.01	0.08	5.3	0.007
7221	Soil	559	21.4	4.8	<0.01	0.04	1.92	0.8	0.5	0.4	6.3	<0.01	0.09	0.9	0.013
7222	Soil	1302	18.9	2.5	<0.01	0.06	1.64	0.7	0.6	<0.2	5.9	0.02	0.08	1.3	0.007
7223	Soil	704	41.7	2.1	<0.01	0.04	3.77	0.7	0.3	<0.2	4.6	<0.01	0.09	1.0	0.007
7224	Soil	1192	17.5	4.7	<0.01	0.07	2.53	0.7	0.6	0.2	9.7	0.01	0.07	0.8	<0.005
7225	Soil	689	26.1	1.2	<0.01	0.02	1.89	1.3	0.5	<0.2	6.6	<0.01	0.12	2.3	0.005
7226	Soil	812	25.5	2.3	<0.01	0.01	1.80	2.1	0.4	<0.2	11.6	<0.01	0.07	3.5	0.006
7227	Soil	617	27.6	3.0	<0.01	0.02	1.83	1.6	0.5	0.2	10.2	<0.01	0.08	3.0	0.006
7228	Soil	740	20.7	3.3	<0.01	0.03	2.22	0.5	0.5	0.2	5.4	<0.01	0.06	0.9	<0.005
7229	Soil	668	63.3	2.0	<0.01	0.02	14.30	1.3	0.5	<0.2	2.9	<0.01	0.10	2.3	<0.005
7230	Soil	1793	25.3	4.3	<0.01	0.04	1.27	1.5	0.5	<0.2	17.7	<0.01	0.07	2.3	<0.005
7231	Soil	768	52.5	2.6	<0.01	0.04	2.45	1.1	0.4	<0.2	4.6	<0.01	0.07	2.3	<0.005
7232	Soil	978	15.6	2.0	<0.01	0.05	0.76	1.1	0.5	<0.2	3.2	<0.01	0.06	2.2	<0.005
7233	Soil	633	71.9	2.1	<0.01	0.03	3.84	1.7	0.3	<0.2	9.8	<0.01	0.09	3.1	<0.005
7234	Soil	873	29.0	2.1	<0.01	0.02	1.03	1.5	0.2	<0.2	3.9	<0.01	0.08	4.0	<0.005
7235	Soil	857	42.2	3.2	<0.01	0.03	2.54	1.5	0.2	<0.2	4.8	<0.01	0.08	3.6	<0.005
7236	Soil	993	34.6	1.9	<0.01	0.04	0.58	1.1	0.4	<0.2	3.7	<0.01	0.06	2.4	<0.005
7237	Soil	877	17.3	2.4	<0.01	0.04	0.30	0.8	0.4	<0.2	3.4	<0.01	0.04	1.5	<0.005
7238	Soil	504	30.7	1.7	<0.01	0.01	0.43	1.8	0.4	<0.2	3.2	<0.01	0.06	5.4	<0.005
7239	Soil	409	73.4	5.7	<0.01	0.03	3.13	0.8	0.3	0.3	14.8	<0.01	0.09	4.6	<0.005
7240	Soil	1305	76.2	5.4	<0.01	0.07	2.87	0.5	0.4	<0.2	11.9	<0.01	0.11	0.8	<0.005
7241	Soil	861	14.8	3.5	<0.01	0.06	0.64	0.5	0.3	<0.2	15.1	<0.01	0.05	1.9	<0.005
7242	Soil	1151	13.1	2.2	<0.01	0.09	0.53	0.3	0.5	<0.2	9.0	<0.01	0.05	1.0	<0.005
7243	Soil	901	11.7	2.0	<0.01	0.05	0.70	0.6	0.2	<0.2	13.2	<0.01	0.03	2.3	<0.005
7244	Soil	1126	12.4	3.3	<0.01	0.08	0.57	0.6	0.4	<0.2	23.0	<0.01	0.04	2.3	<0.005
7245	Soil	720	28.8	2.7	<0.01	0.03	0.21	1.1	0.4	<0.2	3.8	<0.01	0.05	3.8	<0.005
7246	Soil	825	8.3	1.9	<0.01	0.06	0.41	0.3	<0.2	<0.2	7.8	<0.01	0.03	0.9	<0.005
7247	Soil	1081	13.0	2.9	<0.01	0.05	0.52	0.4	0.3	<0.2	5.5	<0.01	0.04	1.3	<0.005
7248	Soil	718	19.2	2.0	<0.01	0.07	0.28	1.2	0.3	<0.2	19.9	<0.01	0.30	6.9	<0.005
7249	Soil	491	31.4	2.7	<0.01	<0.01	2.18	3.1	0.5	<0.2	10.5	<0.01	0.12	8.6	<0.005
7250	Soil	884	26.9	2.9	<0.01	0.04	0.64	1.5	0.4	<0.2	4.0	<0.01	0.13	5.4	<0.005
7251	Soil	611	21.0	2.3	<0.01	<0.01	3.50	4.6	0.5	<0.2	46.3	<0.01	0.08	7.6	<0.005
7252	Soil	480	34.8	2.5	<0.01	0.01	0.44	1.6	0.2	<0.2	6.4	<0.01	0.11	9.1	<0.005
7253	Soil	370	16.2	1.5	<0.01	<0.01	0.78	1.3	<0.2	<0.2	5.2	<0.01	0.07	15.7	<0.005
7254	Soil	576	16.0	4.4	<0.01	0.03	0.83	1.6	0.3	<0.2	15.4	<0.01	0.04	9.8	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7255	Soil	521	21.5	3.4	<0.01	0.03	0.57	1.1	0.3	<0.2	13.2	<0.01	0.04	5.3	<0.005
7256	Soil	639	25.5	4.2	<0.01	0.04	0.88	1.0	0.2	<0.2	7.6	<0.01	0.03	7.1	<0.005
7257	Soil	552	31.6	2.2	<0.01	0.01	0.79	1.0	<0.2	<0.2	12.4	<0.01	0.02	8.0	<0.005
7258	Soil	269	25.1	1.4	<0.01	0.01	1.04	0.9	0.3	<0.2	9.7	<0.01	0.05	7.4	<0.005
7259	Soil	545	38.0	2.4	<0.01	0.03	0.89	0.7	0.3	<0.2	10.7	<0.01	0.04	3.7	<0.005
7260	Soil	220	27.9	1.6	<0.01	<0.01	0.89	1.6	<0.2	<0.2	11.7	<0.01	0.03	14.2	<0.005
7261	Soil	354	35.9	2.2	<0.01	0.01	0.90	1.4	0.3	<0.2	9.4	<0.01	0.04	11.5	<0.005
7262	Soil	418	58.7	2.6	<0.01	0.01	0.96	1.7	<0.2	<0.2	14.7	<0.01	0.06	12.6	<0.005
7263	Soil	712	33.9	3.3	<0.01	0.04	0.95	1.1	0.4	<0.2	9.5	<0.01	0.06	5.5	0.006
7264	Soil	397	26.8	2.6	<0.01	0.02	0.67	1.3	0.3	<0.2	7.7	<0.01	0.05	6.6	0.005
7265	Soil	1349	17.0	4.4	<0.01	0.08	0.51	0.3	0.4	0.3	8.0	<0.01	0.06	0.7	<0.005
7266	Soil	626	27.0	3.9	<0.01	0.04	0.70	0.8	0.7	0.3	5.1	<0.01	0.06	2.4	0.009
7267	Soil	614	17.3	4.2	<0.01	0.05	0.33	0.7	0.5	0.3	8.3	<0.01	0.02	1.2	0.009
7268	Soil	597	25.7	5.1	<0.01	0.03	0.58	1.2	0.6	0.3	11.1	<0.01	0.06	2.9	0.010
7269	Soil	785	9.5	5.1	<0.01	0.06	0.35	0.4	0.4	0.3	6.4	0.01	0.03	0.6	0.007
7270	Soil	959	23.2	4.8	<0.01	0.05	0.60	0.4	0.6	0.4	5.7	<0.01	0.06	0.7	0.008
7271	Soil	940	15.3	3.7	<0.01	0.06	0.54	0.4	0.5	0.3	5.3	<0.01	0.04	1.1	0.006
7272	Soil	874	26.6	5.8	<0.01	0.05	0.72	0.8	0.6	0.4	7.1	<0.01	0.06	1.2	0.015
7273	Soil	692	17.0	5.6	<0.01	0.05	0.69	0.8	0.6	0.4	6.9	<0.01	0.06	1.0	0.014
7274	Soil	786	24.8	7.0	<0.01	0.04	0.71	1.2	0.5	0.4	8.9	<0.01	0.06	2.3	0.018
7275	Soil	1027	19.2	3.6	<0.01	0.07	0.51	0.7	0.5	0.2	8.7	<0.01	0.05	2.7	0.008
7276	Soil	1496	15.7	4.6	<0.01	0.10	0.57	0.4	0.7	0.3	5.7	<0.01	0.05	0.8	0.007
7277	Soil	658	24.2	4.8	<0.01	0.02	0.75	1.6	0.4	0.2	6.8	<0.01	0.06	9.0	0.010
7278	Soil	669	29.0	3.6	<0.01	0.03	0.39	1.0	0.6	0.2	7.0	<0.01	0.04	2.7	0.010
7279	Soil	568	36.0	2.6	<0.01	0.03	0.91	3.1	0.6	0.2	56.2	<0.01	0.05	3.7	0.009
7280	Soil	830	30.9	2.5	<0.01	<0.01	0.64	2.8	0.8	0.3	167.1	<0.01	0.07	3.3	0.009
7281	Soil	1170	30.2	2.0	<0.01	0.05	1.37	2.8	0.7	0.3	84.2	<0.01	0.05	3.6	<0.005
7282	Soil	651	22.9	2.7	<0.01	<0.01	0.65	2.5	0.5	0.2	159.7	<0.01	0.05	3.2	0.011
7283	Soil	673	19.5	4.4	<0.01	0.03	0.42	1.6	0.3	<0.2	7.3	<0.01	0.03	3.5	0.007
7284	Soil	653	30.6	4.4	<0.01	<0.01	0.77	2.5	0.3	0.3	15.2	<0.01	0.04	12.2	0.026
7285	Soil	575	6.2	3.1	<0.01	0.04	0.23	0.3	0.4	<0.2	4.9	0.01	0.02	0.6	0.008
7286	Soil	859	28.9	6.7	<0.01	0.04	0.69	1.1	0.7	0.7	7.1	<0.01	0.07	1.3	0.025
7287	Soil	674	30.8	5.4	<0.01	0.02	0.53	1.8	0.4	0.3	7.0	<0.01	0.04	4.8	0.011
7288	Soil	1297	17.1	4.1	<0.01	0.10	0.56	0.5	0.4	0.3	4.3	<0.01	0.09	1.2	0.007
7289	Soil	497	62.0	3.3	<0.01	0.03	0.54	1.4	0.3	<0.2	8.1	<0.01	0.05	6.7	0.008
7290	Soil	1191	12.0	3.4	<0.01	0.08	0.51	0.5	0.4	0.3	3.7	0.01	0.07	1.7	0.007
7291	Soil	569	2.7	1.3	<0.01	0.05	0.09	0.1	0.4	<0.2	4.0	<0.01	<0.01	0.2	0.005
7292	Soil	949	13.5	6.4	<0.01	0.07	0.56	0.4	0.5	0.4	7.6	<0.01	0.04	0.5	0.007
7293	Soil	353	95.8	2.7	<0.01	0.01	0.51	1.3	0.3	<0.2	9.7	<0.01	0.04	15.2	<0.005
7294	Soil	999	34.8	5.6	<0.01	0.07	0.79	0.6	0.5	0.4	6.6	<0.01	0.06	1.4	0.008

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7295	Soil	669	37.5	4.4	<0.01	0.04	0.71	1.1	0.3	0.2	7.2	<0.01	0.06	4.4	0.006
7296	Soil	854	27.5	5.1	<0.01	0.06	0.63	1.0	0.5	0.3	7.4	<0.01	0.09	2.8	0.009
7297	Soil	470	83.5	4.0	<0.01	0.02	1.32	1.7	0.3	<0.2	8.4	<0.01	0.07	11.4	0.005
7298	Soil	814	39.5	3.7	<0.01	0.03	0.73	0.9	0.4	<0.2	5.7	<0.01	0.04	5.4	<0.005
7299	Soil	474	69.6	2.9	<0.01	0.03	0.63	0.9	0.5	<0.2	7.3	<0.01	0.05	6.3	<0.005
7300	Soil	369	64.6	3.0	<0.01	0.02	1.08	1.5	0.4	<0.2	7.7	<0.01	0.06	8.8	<0.005
7301	Soil	506	39.8	3.6	<0.01	0.01	0.96	2.0	0.3	<0.2	15.3	<0.01	0.06	9.0	<0.005
7302	Soil	576	10.0	3.5	<0.01	0.04	0.60	0.4	0.2	0.2	7.0	<0.01	0.03	0.7	0.008
7303	Soil	634	23.4	3.7	<0.01	0.03	1.06	1.0	0.2	0.2	11.4	<0.01	0.03	2.8	0.007
7304	Soil	880	17.0	4.1	<0.01	0.05	0.64	0.8	0.3	0.2	12.4	<0.01	0.05	3.3	<0.005
7305	Soil	399	26.1	3.6	<0.01	0.02	0.64	1.3	<0.2	<0.2	11.7	<0.01	0.04	8.5	<0.005
7306	Soil	489	11.6	3.5	<0.01	0.04	0.72	0.9	0.4	<0.2	4.1	<0.01	0.06	8.8	<0.005
7307	Soil	601	12.6	4.1	<0.01	0.03	0.55	1.1	0.4	<0.2	10.9	<0.01	0.03	5.5	0.006
7308	Soil	816	11.8	3.7	<0.01	0.05	0.49	0.7	0.4	<0.2	6.8	<0.01	0.03	5.7	<0.005
7309	Soil	405	13.1	2.6	<0.01	<0.01	1.42	1.8	0.2	<0.2	16.5	<0.01	0.04	16.6	<0.005
7310	Soil	634	14.0	4.0	<0.01	0.03	0.87	0.5	0.3	<0.2	3.2	<0.01	0.04	4.8	<0.005
7311	Soil	854	13.9	6.1	<0.01	0.06	0.81	0.7	0.6	0.5	11.4	<0.01	0.04	1.6	0.007
7312	Soil	296	19.2	1.5	<0.01	<0.01	0.91	1.0	0.2	<0.2	4.0	<0.01	0.04	12.3	<0.005
7313	Soil	677	7.2	1.9	<0.01	0.05	0.20	0.2	0.2	<0.2	4.0	<0.01	0.01	0.6	<0.005
7314	Soil	823	14.8	2.6	<0.01	0.05	0.62	0.5	0.3	<0.2	7.3	<0.01	0.04	1.9	<0.005
7315	Soil	792	17.6	2.0	<0.01	0.04	1.07	0.6	0.2	<0.2	3.3	<0.01	0.04	3.9	<0.005
7316	Soil	643	18.8	2.7	<0.01	0.03	0.87	0.7	0.3	<0.2	9.5	<0.01	0.05	3.2	<0.005
7317	Soil	918	19.5	3.5	<0.01	0.05	0.61	0.7	0.2	<0.2	11.4	<0.01	0.03	2.6	<0.005
7318	Soil	805	16.9	2.8	<0.01	0.06	0.42	0.2	<0.2	<0.2	12.2	<0.01	0.02	0.3	<0.005
7319	Soil	1358	24.1	4.0	<0.01	0.06	0.51	0.6	0.4	0.2	5.2	<0.01	0.06	1.2	0.006
7320	Soil	765	23.7	2.9	<0.01	0.04	0.73	1.1	0.2	<0.2	9.1	<0.01	0.05	3.6	<0.005
7321	Soil	974	53.5	4.6	<0.01	0.03	3.01	1.9	0.3	0.3	9.1	<0.01	0.08	6.4	<0.005
7322	Soil	1560	45.6	3.8	<0.01	0.04	1.96	0.9	0.3	0.3	5.2	<0.01	0.07	2.2	<0.005
7323	Soil	969	2121.1	4.1	<0.01	0.10	14.34	1.0	0.5	0.9	7.2	<0.01	0.09	3.3	<0.005
7324	Soil	712	190.9	3.5	<0.01	0.04	6.92	1.1	0.5	0.4	13.4	<0.01	0.17	3.6	<0.005
7325	Soil	1182	17.5	3.0	<0.01	0.06	0.22	0.9	0.4	<0.2	3.0	0.01	0.07	2.5	<0.005
7326	Soil	971	58.7	2.9	<0.01	0.04	0.54	1.3	0.3	<0.2	5.9	<0.01	0.11	3.6	<0.005
7327	Soil	1182	10.7	2.9	<0.01	0.06	0.29	0.3	<0.2	<0.2	5.8	<0.01	0.03	0.4	<0.005
7328	Soil	1036	27.4	2.6	<0.01	0.04	1.03	1.3	0.3	<0.2	4.8	<0.01	0.06	3.0	0.005
7329	Soil	402	37.7	2.2	<0.01	<0.01	1.46	2.7	<0.2	<0.2	9.0	<0.01	0.08	10.5	<0.005
7330	Soil	784	53.4	2.1	<0.01	0.04	16.12	1.5	<0.2	<0.2	7.5	<0.01	0.07	3.1	<0.005
7331	Soil	697	24.3	2.7	<0.01	0.03	0.54	1.2	0.2	<0.2	4.8	<0.01	0.05	2.5	<0.005
7332	Soil	1098	36.2	3.4	<0.01	0.03	1.54	1.2	0.2	<0.2	6.3	<0.01	0.10	3.4	<0.005
7333	Soil	594	14.5	2.1	<0.01	0.03	0.62	0.3	0.3	<0.2	4.0	<0.01	0.02	0.4	0.005
7334	Soil	301	3.8	1.6	<0.01	0.02	0.30	0.1	<0.2	<0.2	4.8	<0.01	<0.01	<0.2	0.008

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7335	Soil	919	35.1	5.1	<0.01	0.04	2.42	0.5	0.4	0.3	8.8	<0.01	0.07	0.7	<0.005
7336	Soil	727	20.3	4.5	<0.01	0.06	1.08	0.3	0.4	0.3	6.7	<0.01	0.05	0.2	0.007
7337	Soil	1117	22.9	5.1	<0.01	0.05	1.52	0.4	0.3	0.4	8.5	<0.01	0.07	0.4	0.006
7338	Soil	1166	14.7	3.7	<0.01	0.06	0.78	0.3	0.3	0.2	7.0	<0.01	0.05	0.4	<0.005
7339	Soil	931	32.9	5.2	<0.01	0.04	3.36	0.8	0.3	0.3	16.0	<0.01	0.08	1.0	0.007
7340	Soil	1151	45.7	3.2	<0.01	0.04	2.29	1.1	<0.2	<0.2	14.7	<0.01	0.06	1.2	<0.005
7341	Soil	636	22.0	2.0	<0.01	0.02	2.61	1.4	0.3	<0.2	6.2	<0.01	0.11	2.0	0.006
7342	Soil	1215	26.3	3.5	<0.01	0.06	4.56	1.1	0.3	<0.2	12.3	<0.01	0.10	1.4	<0.005
7343	Soil	725	48.4	5.9	<0.01	0.03	2.50	1.0	<0.2	0.3	20.2	<0.01	0.07	1.3	<0.005
7344	Soil	366	29.6	2.6	<0.01	<0.01	1.62	1.5	<0.2	<0.2	25.6	<0.01	0.09	4.3	<0.005
7345	Soil	214	21.6	2.6	<0.01	<0.01	6.39	2.5	<0.2	0.2	25.2	<0.01	0.06	4.6	<0.005
7346	Soil	235	23.4	2.3	<0.01	<0.01	3.85	3.1	<0.2	<0.2	21.8	<0.01	0.08	13.5	<0.005
7347	Soil	662	11.9	2.8	<0.01	0.05	1.36	0.8	<0.2	<0.2	4.2	<0.01	0.08	1.6	0.005
7348	Soil	505	26.6	2.5	<0.01	0.02	1.23	2.4	0.3	<0.2	4.3	<0.01	0.07	8.6	<0.005
7349	Soil	489	58.7	1.8	<0.01	0.01	5.69	2.7	<0.2	<0.2	10.2	<0.01	0.14	12.9	<0.005
7350	Soil	542	33.4	2.7	<0.01	0.02	2.40	2.2	<0.2	<0.2	9.9	<0.01	0.10	6.8	<0.005
7351	Soil	496	28.7	2.0	<0.01	0.03	1.62	1.9	0.3	<0.2	7.9	<0.01	0.06	5.0	<0.005
7352	Soil	716	16.1	1.7	<0.01	0.05	0.69	0.8	0.2	<0.2	6.4	<0.01	0.04	1.3	<0.005
7353	Soil	786	11.8	3.1	<0.01	0.04	0.54	0.4	0.3	0.2	5.4	0.01	0.04	0.5	0.006
7354	Soil	243	18.3	1.9	<0.01	<0.01	4.30	2.4	<0.2	<0.2	6.0	<0.01	0.08	5.8	<0.005
7355	Soil	457	27.5	1.7	<0.01	0.02	1.21	2.0	<0.2	<0.2	4.6	<0.01	0.09	6.1	<0.005
7356	Soil	382	32.6	1.7	<0.01	<0.01	1.44	2.3	<0.2	<0.2	5.2	<0.01	0.10	7.5	<0.005
7357	Soil	552	29.7	2.7	<0.01	0.02	1.73	1.6	0.2	<0.2	10.5	<0.01	0.07	4.2	<0.005
7358	Soil	850	27.8	4.1	<0.01	0.04	1.62	1.5	0.4	<0.2	8.8	<0.01	0.05	3.0	<0.005
7359	Soil	740	29.2	2.6	<0.01	0.03	0.71	1.4	<0.2	0.2	4.3	<0.01	0.10	3.5	0.007
7360	Soil	515	28.6	1.8	<0.01	0.02	0.96	1.8	0.2	<0.2	4.6	<0.01	0.06	4.2	<0.005

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7215	Soil	<0.05	0.76	20	0.28	1.27	79	2.9
7216	Soil	<0.05	0.67	16	0.08	1.27	66	2.1
7217	Soil	<0.05	0.97	21	0.11	2.02	103	2.3
7218	Soil	<0.05	0.52	16	0.13	1.11	50	1.4
7219	Soil	<0.05	0.91	21	0.07	2.12	108	2.1
7220	Soil	<0.05	0.94	23	0.13	2.21	109	1.6
7221	Soil	<0.05	0.73	29	0.21	2.55	83	<0.5
7222	Soil	<0.05	0.65	21	0.10	1.47	69	2.5
7223	Soil	<0.05	0.48	18	0.09	1.36	70	1.6
7224	Soil	<0.05	0.79	16	0.11	2.48	66	1.8
7225	Soil	<0.05	0.53	17	0.08	1.82	84	3.8
7226	Soil	<0.05	0.85	21	0.11	2.56	108	1.2
7227	Soil	<0.05	0.91	22	0.13	2.15	105	1.6
7228	Soil	<0.05	0.68	17	0.17	1.61	65	0.7
7229	Soil	0.06	1.06	9	0.15	2.14	97	<0.5
7230	Soil	<0.05	1.37	14	3.25	5.35	151	2.1
7231	Soil	<0.05	1.10	17	0.28	0.79	69	3.0
7232	Soil	<0.05	0.60	17	0.18	0.77	72	4.4
7233	Soil	<0.05	1.58	18	0.05	1.73	106	3.1
7234	Soil	<0.05	0.55	21	<0.05	1.18	98	4.1
7235	Soil	<0.05	1.04	15	0.06	1.18	108	3.7
7236	Soil	<0.05	0.38	19	0.10	1.13	75	3.4
7237	Soil	<0.05	0.62	15	0.05	1.44	52	3.1
7238	Soil	<0.05	1.01	20	<0.05	1.67	90	4.3
7239	Soil	0.10	0.75	14	0.91	1.20	105	<0.5
7240	Soil	<0.05	0.76	11	0.16	1.43	120	0.8
7241	Soil	<0.05	0.67	13	0.07	1.40	43	2.7
7242	Soil	<0.05	0.68	12	0.06	1.24	25	1.7
7243	Soil	<0.05	0.62	13	<0.05	1.71	38	2.1
7244	Soil	<0.05	0.54	12	0.05	1.26	46	2.7
7245	Soil	<0.05	0.76	16	<0.05	1.05	80	3.2
7246	Soil	<0.05	0.46	12	<0.05	0.76	41	1.3
7247	Soil	<0.05	0.62	16	0.10	1.39	36	1.9
7248	Soil	<0.05	1.46	17	<0.05	2.28	87	3.7
7249	Soil	<0.05	0.88	15	<0.05	7.29	84	2.5
7250	Soil	<0.05	0.85	16	0.06	3.99	69	4.8
7251	Soil	0.08	1.80	10	<0.05	11.79	77	5.1
7252	Soil	<0.05	0.93	16	<0.05	3.43	91	4.0
7253	Soil	<0.05	1.00	14	<0.05	2.71	79	1.0
7254	Soil	0.05	2.13	16	0.05	6.06	55	3.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7255	Soil	<0.05	1.20	14	0.05	3.86	71	2.5
7256	Soil	<0.05	1.22	15	0.06	2.77	62	3.4
7257	Soil	<0.05	1.14	14	<0.05	2.83	85	1.9
7258	Soil	<0.05	1.22	11	<0.05	2.38	68	1.9
7259	Soil	<0.05	0.96	13	0.05	2.42	63	2.1
7260	Soil	<0.05	1.19	11	<0.05	4.56	68	3.3
7261	Soil	<0.05	1.34	14	<0.05	4.09	75	2.7
7262	Soil	<0.05	2.01	16	<0.05	3.94	119	1.2
7263	Soil	<0.05	1.15	18	0.09	2.60	106	2.7
7264	Soil	<0.05	1.05	16	0.09	4.08	82	1.8
7265	Soil	0.05	0.89	22	0.11	1.55	46	0.7
7266	Soil	0.05	0.99	21	0.14	2.51	67	1.7
7267	Soil	0.06	0.79	16	0.13	3.62	38	1.5
7268	Soil	0.06	1.23	22	0.15	4.21	71	1.6
7269	Soil	<0.05	0.87	17	0.11	2.00	28	1.3
7270	Soil	0.06	0.90	27	0.16	2.15	71	0.5
7271	Soil	<0.05	0.77	19	0.10	1.50	53	1.4
7272	Soil	0.07	1.02	28	0.20	3.32	74	0.6
7273	Soil	0.08	0.92	33	0.27	3.04	76	<0.5
7274	Soil	0.09	1.08	31	0.22	3.54	88	0.9
7275	Soil	<0.05	0.97	20	0.14	2.17	72	2.5
7276	Soil	<0.05	1.05	26	0.15	1.83	62	0.9
7277	Soil	0.06	1.61	20	0.12	3.41	83	0.9
7278	Soil	<0.05	1.24	16	0.10	3.37	67	1.4
7279	Soil	<0.05	1.51	18	0.17	12.72	61	3.3
7280	Soil	<0.05	1.85	18	0.17	12.05	75	2.9
7281	Soil	<0.05	2.32	16	0.09	13.18	105	5.0
7282	Soil	<0.05	1.30	21	0.14	9.44	68	2.8
7283	Soil	<0.05	1.04	17	0.08	3.73	68	1.4
7284	Soil	<0.05	1.34	25	0.15	5.81	85	1.4
7285	Soil	<0.05	0.48	15	0.08	1.10	19	0.8
7286	Soil	0.11	1.11	42	0.25	3.17	79	<0.5
7287	Soil	0.06	1.58	24	0.13	3.66	79	0.9
7288	Soil	0.05	0.84	26	0.15	1.89	48	1.3
7289	Soil	0.06	0.79	21	0.10	3.56	81	2.9
7290	Soil	<0.05	1.13	25	0.13	1.50	40	1.4
7291	Soil	<0.05	0.26	9	0.05	0.56	10	0.9
7292	Soil	0.07	0.94	24	0.13	2.13	42	<0.5
7293	Soil	<0.05	1.32	15	0.06	3.59	95	1.6
7294	Soil	0.07	1.12	27	0.14	2.98	68	0.8

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7295	Soil	0.06	1.05	19	0.10	3.77	71	1.7
7296	Soil	0.06	1.06	21	0.12	3.62	72	1.6
7297	Soil	0.07	1.43	17	0.12	5.08	73	1.5
7298	Soil	0.05	1.26	18	0.07	2.90	79	2.9
7299	Soil	0.06	1.46	15	<0.05	2.63	77	4.6
7300	Soil	0.07	1.53	15	0.07	5.54	118	3.3
7301	Soil	<0.05	1.37	16	0.06	6.31	98	1.8
7302	Soil	<0.05	0.56	15	0.19	1.76	28	0.8
7303	Soil	<0.05	0.85	14	0.08	4.37	51	1.8
7304	Soil	0.06	0.72	18	0.07	2.15	52	1.8
7305	Soil	<0.05	1.15	16	<0.05	4.16	79	2.5
7306	Soil	<0.05	1.14	15	0.07	2.69	48	3.5
7307	Soil	<0.05	1.60	15	0.10	3.25	46	2.2
7308	Soil	<0.05	1.04	14	0.06	3.76	43	4.1
7309	Soil	<0.05	2.13	11	<0.05	4.48	45	1.3
7310	Soil	<0.05	0.73	14	0.06	1.96	46	1.5
7311	Soil	0.08	1.59	23	0.13	6.14	38	1.0
7312	Soil	<0.05	0.84	13	<0.05	2.33	69	2.1
7313	Soil	<0.05	0.50	11	0.05	0.85	20	0.9
7314	Soil	<0.05	0.63	14	0.07	1.83	47	1.8
7315	Soil	<0.05	0.90	13	<0.05	2.67	53	3.4
7316	Soil	<0.05	0.77	13	<0.05	2.13	60	2.3
7317	Soil	<0.05	0.66	14	0.09	2.05	46	1.3
7318	Soil	<0.05	0.65	11	0.06	1.05	30	<0.5
7319	Soil	<0.05	0.76	20	0.09	1.92	60	1.6
7320	Soil	<0.05	0.89	13	<0.05	1.97	79	3.3
7321	Soil	0.06	1.68	21	0.38	2.23	130	1.6
7322	Soil	0.05	0.91	24	0.20	1.83	123	1.0
7323	Soil	0.06	1.36	14	0.18	3.13	722	0.8
7324	Soil	0.06	1.31	10	0.21	4.40	133	0.9
7325	Soil	<0.05	0.53	19	0.05	0.82	59	4.2
7326	Soil	<0.05	0.61	20	0.05	1.41	91	2.6
7327	Soil	<0.05	0.46	18	0.08	1.26	60	0.9
7328	Soil	<0.05	0.60	19	0.08	1.58	80	3.2
7329	Soil	<0.05	1.63	20	<0.05	2.08	139	0.8
7330	Soil	<0.05	0.66	17	0.24	2.64	144	3.0
7331	Soil	<0.05	0.59	18	0.24	1.99	80	2.6
7332	Soil	<0.05	1.06	17	13.06	1.65	87	2.8
7333	Soil	<0.05	0.54	12	0.73	0.65	41	0.7
7334	Soil	<0.05	0.25	14	0.09	0.49	9	0.6

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7335	Soil	0.07	0.83	19	0.16	1.77	74	<0.5
7336	Soil	<0.05	0.87	20	0.16	2.09	46	<0.5
7337	Soil	0.06	0.75	25	0.20	1.90	66	<0.5
7338	Soil	<0.05	0.54	17	0.32	1.18	40	0.5
7339	Soil	<0.05	0.85	23	0.19	2.50	84	<0.5
7340	Soil	0.06	0.79	17	0.09	2.14	80	1.6
7341	Soil	<0.05	0.69	19	0.10	1.79	82	1.7
7342	Soil	<0.05	0.91	18	0.17	4.97	90	1.6
7343	Soil	0.06	0.81	21	0.19	2.90	85	<0.5
7344	Soil	<0.05	0.74	11	0.10	2.64	79	<0.5
7345	Soil	<0.05	0.79	10	0.14	3.01	69	<0.5
7346	Soil	<0.05	0.97	18	0.09	2.91	109	2.3
7347	Soil	<0.05	0.65	15	0.20	1.43	55	1.2
7348	Soil	<0.05	1.40	21	<0.05	1.88	99	2.1
7349	Soil	<0.05	1.96	17	0.54	2.70	155	2.0
7350	Soil	<0.05	1.25	19	0.05	1.96	104	2.6
7351	Soil	<0.05	1.29	16	0.06	1.42	109	2.5
7352	Soil	<0.05	0.89	13	0.06	0.76	62	2.1
7353	Soil	<0.05	0.86	17	0.09	1.75	36	0.9
7354	Soil	<0.05	1.24	11	0.19	4.45	94	<0.5
7355	Soil	<0.05	1.18	21	0.06	1.66	120	2.8
7356	Soil	<0.05	1.33	21	0.06	2.04	142	2.0
7357	Soil	<0.05	1.18	18	0.05	1.80	114	2.3
7358	Soil	<0.05	1.32	17	0.08	1.42	90	3.2
7359	Soil	<0.05	1.07	23	0.10	1.64	98	2.0
7360	Soil	<0.05	1.41	18	0.10	1.94	107	3.3

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7215	Soil		0.07	1.55	21.6	24	0.25	0.32	0.04	0.14	13.99	14.0	27	1.62	27.9
7215 Dup			0.05	1.56	24.2	23	0.24	0.31	0.04	0.15	13.85	13.6	27	1.65	27.6
QCV1108-02203-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.79				22.4			>10000
7233	Soil		0.34	1.87	638.3	34	0.58	0.51	0.03	0.16	11.48	21.6	26	1.77	59.0
7233 Dup			0.33	1.88	648.8	37	0.59	0.54	0.03	0.17	12.58	22.2	28	1.84	60.6
QCV1108-02203-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6027.1
7251	Soil		0.17	0.58	47.2	32	0.67	0.28	4.70	0.56	19.70	17.1	10	0.86	54.1
7251 Dup			0.16	0.58	47.9	33	0.60	0.29	4.70	0.61	22.51	17.5	11	0.93	54.1
QCV1108-02203-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.48					8.69				22.9			>10000
7269	Soil		0.07	0.80	3.8	28	0.20	0.22	0.05	0.08	9.82	3.5	12	0.73	14.6
7269 Dup			0.07	0.81	3.9	28	0.22	0.21	0.05	0.07	10.23	3.7	12	0.72	15.0
QCV1108-02203-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					8.74				23.1			>10000
7287	Soil		0.06	1.42	8.2	38	0.56	0.38	0.05	0.10	24.01	17.8	22	1.07	28.9
7287 Dup			0.06	1.43	7.6	36	0.51	0.37	0.05	0.10	22.42	17.0	22	1.00	28.1
QCV1108-02203-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5839.4
7305	Soil		0.08	1.44	11.9	31	0.54	0.34	0.17	0.08	19.53	20.3	20	1.13	29.7
7305 Dup			0.09	1.46	12.0	30	0.48	0.37	0.17	0.07	17.76	19.7	20	1.09	30.2
QCV1108-02203-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.49					8.80				22.3			>10000
7323	Soil		5.76	0.77	684.7	40	0.32	0.94	0.02	1.15	30.51	27.8	14	1.64	44.8
7323 Dup			5.51	0.77	680.9	38	0.34	0.91	0.02	1.13	28.08	26.9	13	1.54	42.6
QCV1108-02203-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.45					8.65				22.2			>10000
7341	Soil		0.04	1.44	159.5	17	0.28	0.51	0.02	0.07	28.68	17.7	22	1.06	47.1
7341 Dup			0.04	1.41	156.6	16	0.31	0.48	0.02	0.07	25.08	17.4	21	1.02	46.6
QCV1108-02203-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5859.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7359	Soil		0.05	2.09	16.4	21	0.29	0.53	0.03	0.08	25.35	17.3	35	4.07	33.5
7359 Dup			0.05	2.11	17.3	23	0.32	0.53	0.03	0.08	27.20	18.2	37	4.31	34.4
QCV1108-02203-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43					8.67				21.7			>10000
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.902													
7233	Soil	0.062													
7233 Dup		0.061													
QCV1108-02204-0004-BLK		<0.005													
7251	Soil	0.012													
7251 Dup		0.014													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.854													
7269	Soil	0.009													
7269 Dup		0.012													
QCV1108-02204-0008-BLK		<0.005													
7287	Soil	0.006													
7287 Dup		0.008													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.898													
7305	Soil	0.010													
7305 Dup		0.011													
QCV1108-02204-0012-BLK		<0.005													
7323	Soil	0.102													
7323 Dup		0.094													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.853													
7341	Soil	0.008													
7341 Dup		0.026													
QCV1108-02204-0016-BLK		<0.005													
7359	Soil	0.013													
7359 Dup		0.006													
QCV1108-02204-0018-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.857													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7215	Soil	2.83	5.53	<0.05	0.22	0.01	0.02	6.5	41.1	0.60	702	0.73	0.01	0.53	29.5
7215 Dup		2.81	5.68	<0.05	0.14	0.02	0.03	6.5	40.1	0.60	706	0.77	0.01	0.42	29.8
QCV1108-02203-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7233	Soil	3.78	5.97	<0.05	0.15	0.02	0.02	5.6	50.4	0.77	1051	0.78	<0.01	0.09	37.3
7233 Dup		3.83	6.06	<0.05	0.14	0.03	0.02	6.2	51.6	0.78	1087	0.74	<0.01	0.09	38.7
QCV1108-02203-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7251	Soil	2.04	1.32	<0.05	0.33	0.02	0.04	9.8	9.8	1.08	593	3.94	<0.01	0.06	30.8
7251 Dup		2.08	1.39	<0.05	0.27	0.03	0.04	11.0	9.7	1.06	602	4.09	<0.01	<0.05	31.3
QCV1108-02203-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7269	Soil	1.30	3.58	<0.05	0.09	0.01	0.03	5.0	6.4	0.12	161	0.79	0.02	0.35	7.5
7269 Dup		1.31	3.58	<0.05	0.06	0.01	0.03	5.2	6.3	0.12	156	0.80	0.02	0.31	7.8
QCV1108-02203-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7287	Soil	2.90	5.01	<0.05	0.09	0.02	0.03	11.5	32.3	0.45	1006	0.76	0.01	0.36	25.4
7287 Dup		3.05	4.79	<0.05	0.08	0.02	0.03	10.8	30.9	0.45	1021	0.81	0.01	0.34	24.9
QCV1108-02203-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7305	Soil	2.84	4.52	<0.05	0.12	0.02	0.02	9.1	35.7	0.52	616	0.55	<0.01	0.13	27.7
7305 Dup		2.93	4.46	<0.05	0.12	0.02	0.02	8.4	35.4	0.53	617	0.59	<0.01	0.12	27.2
QCV1108-02203-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7323	Soil	5.18	3.84	0.06	0.05	2.47	0.02	15.4	12.4	0.17	1706	0.81	<0.01	0.14	35.6
7323 Dup		5.24	3.84	<0.05	0.05	2.47	0.02	14.1	12.1	0.17	1665	0.81	<0.01	0.15	34.4
QCV1108-02203-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7341	Soil	3.44	4.69	0.06	0.09	0.02	0.01	15.2	44.8	0.61	640	0.76	0.01	0.26	37.6
7341 Dup		3.45	4.62	0.06	0.09	0.02	0.01	13.2	43.0	0.60	640	0.74	0.01	0.27	37.2
QCV1108-02203-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7359	Soil	4.00	7.20	0.06	0.14	0.02	0.02	11.9	61.5	0.88	759	0.76	<0.01	0.42	35.7
7359 Dup		4.03	7.46	0.06	0.12	0.02	0.02	12.8	63.6	0.89	763	0.75	<0.01	0.43	37.2
QCV1108-02203-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7215	Soil	680	23.3	2.8	<0.01	0.03	0.84	1.6	0.4	<0.2	4.3	0.02	0.05	3.5	0.008
7215 Dup		682	23.2	2.9	<0.01	0.03	0.85	1.2	0.4	<0.2	4.2	0.01	0.05	2.7	0.008
QCV1108-02203-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				1.70		13.2	15.2					
7233	Soil	633	71.9	2.1	<0.01	0.03	3.84	1.7	0.3	<0.2	9.8	<0.01	0.09	3.1	<0.005
7233 Dup		641	74.6	2.1	<0.01	0.03	3.94	1.7	0.4	0.2	10.2	<0.01	0.09	3.3	<0.005
QCV1108-02203-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7251	Soil	611	21.0	2.3	<0.01	<0.01	3.50	4.6	0.5	<0.2	46.3	<0.01	0.08	7.6	<0.005
7251 Dup		610	21.3	2.5	<0.01	<0.01	3.68	4.8	0.7	<0.2	48.8	<0.01	0.08	8.2	<0.005
QCV1108-02203-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.0				1.67		12.3	15.2					
7269	Soil	785	9.5	5.1	<0.01	0.06	0.35	0.4	0.4	0.3	6.4	0.01	0.03	0.6	0.007
7269 Dup		798	9.0	5.4	<0.01	0.06	0.33	0.4	0.5	0.3	6.6	<0.01	0.04	0.5	0.007
QCV1108-02203-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.9				1.68		13.5	15.6					
7287	Soil	674	30.8	5.4	<0.01	0.02	0.53	1.8	0.4	0.3	7.0	<0.01	0.04	4.8	0.011
7287 Dup		671	29.0	5.0	<0.01	0.02	0.49	1.7	0.4	0.3	6.4	<0.01	0.05	4.7	0.011
QCV1108-02203-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7305	Soil	399	26.1	3.6	<0.01	0.02	0.64	1.3	<0.2	<0.2	11.7	<0.01	0.04	8.5	<0.005
7305 Dup		396	25.7	3.4	<0.01	0.02	0.61	1.3	<0.2	<0.2	11.2	<0.01	0.05	8.8	<0.005
QCV1108-02203-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				1.70		13.4	15.9					
7323	Soil	969	2121.1	4.1	<0.01	0.10	14.34	1.0	0.5	0.9	7.2	<0.01	0.09	3.3	<0.005
7323 Dup		966	2062.1	3.9	<0.01	0.10	14.28	0.9	0.5	0.9	6.9	<0.01	0.10	3.2	<0.005
QCV1108-02203-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.5				1.80		13.3	15.8					
7341	Soil	636	22.0	2.0	<0.01	0.02	2.61	1.4	0.3	<0.2	6.2	<0.01	0.11	2.0	0.006
7341 Dup		640	22.7	1.9	<0.01	0.02	2.66	1.3	<0.2	<0.2	5.8	<0.01	0.12	1.8	0.006
QCV1108-02203-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7359	Soil	740	29.2	2.6	<0.01	0.03	0.71	1.4	<0.2	0.2	4.3	<0.01	0.10	3.5	0.007
7359 Dup		741	30.0	2.7	<0.01	0.03	0.73	1.4	<0.2	0.3	4.6	<0.01	0.09	3.5	0.007
QCV1108-02203-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.7				1.69		12.3	15.9					

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11-360-06279-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7215	Soil	<0.05	0.76	20	0.28	1.27	79	2.9
7215 Dup		<0.05	0.75	20	0.26	1.27	80	2.7
QCV1108-02203-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							167	
7233	Soil	<0.05	1.58	18	0.05	1.73	106	3.1
7233 Dup		<0.05	1.68	18	0.05	1.78	108	3.0
QCV1108-02203-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5305	
7251	Soil	0.08	1.80	10	<0.05	11.79	77	5.1
7251 Dup		0.09	1.84	10	<0.05	12.02	79	5.2
QCV1108-02203-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							167	
7269	Soil	<0.05	0.87	17	0.11	2.00	28	1.3
7269 Dup		<0.05	0.82	17	0.11	2.07	27	0.9
QCV1108-02203-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							170	
7287	Soil	0.06	1.58	24	0.13	3.66	79	0.9
7287 Dup		0.06	1.60	24	0.12	3.52	76	1.0
QCV1108-02203-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5195	
7305	Soil	<0.05	1.15	16	<0.05	4.16	79	2.5
7305 Dup		<0.05	1.17	15	0.05	3.95	77	2.6
QCV1108-02203-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							166	
7323	Soil	0.06	1.36	14	0.18	3.13	722	0.8
7323 Dup		0.05	1.38	14	0.17	3.09	715	0.9
QCV1108-02203-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							164	
7341	Soil	<0.05	0.69	19	0.10	1.79	82	1.7
7341 Dup		<0.05	0.67	18	0.10	1.76	81	1.9
QCV1108-02203-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5233	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7359	Soil	<0.05	1.07	23	0.10	1.64	98	2.0
7359 Dup		<0.05	1.08	24	0.08	1.70	102	1.9
QCV1108-02203-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							164	

3Ace Property, Northern Tiger Resources Inc.
Vol 6-324
Buchanan et al., 2011

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **soil 3**
Description: **3 ACE**

Date Received: 08/22/2011
Date Completed: 09/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	119	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7382	Soil	<0.005	0.21	2.13	31.9	14	0.60	0.56	0.04	0.13	11.92	14.6	31	3.85	53.7
7383	Soil	0.015	0.13	0.79	33.6	49	0.22	0.27	0.10	0.19	10.10	12.0	16	1.15	17.9
7384	Soil	0.043	0.29	1.41	118.7	33	0.39	0.88	0.06	0.14	11.45	27.2	19	1.00	36.2
7385	Soil	0.030	0.08	1.48	164.1	31	0.33	0.80	0.02	0.14	14.34	15.2	19	0.69	27.0
7386	Soil	0.064	0.26	1.40	224.7	27	1.01	0.65	0.08	0.24	12.97	41.2	18	2.22	74.9
7387	Soil	0.092	0.21	0.28	203.1	20	0.19	0.45	0.01	0.15	8.55	15.3	8	1.52	39.0
7388	Soil	0.101	0.17	0.68	278.9	21	0.21	0.58	<0.01	0.09	12.90	9.9	11	1.55	33.5
799	Soil	0.008	0.08	0.88	24.8	26	0.22	0.46	<0.01	0.02	10.77	3.9	13	0.77	33.7
800	Soil	<0.005	0.06	0.38	9.9	18	0.24	0.40	<0.01	0.04	8.88	10.3	10	1.03	45.9
801	Soil	<0.005	0.14	1.29	32.7	26	0.19	0.40	0.01	0.06	18.35	8.0	19	0.87	18.0
802	Soil	0.027	0.07	1.67	37.2	32	0.29	0.40	0.01	0.06	30.35	12.1	23	1.01	23.5
803	Soil	0.010	0.09	1.09	33.0	29	0.26	0.38	0.02	0.09	20.56	7.4	16	0.85	18.7
804	Soil	0.095	0.40	1.90	79.0	22	0.41	0.57	0.01	0.09	18.17	26.3	31	1.86	62.0
805	Soil	0.016	0.14	1.81	31.8	24	0.40	0.43	<0.01	0.09	25.06	11.3	26	1.10	29.5
806	Soil	0.095	0.11	0.40	28.6	23	0.15	0.41	<0.01	0.08	27.91	5.1	9	1.67	17.5
807	Soil	<0.005	0.15	1.07	20.8	26	0.30	0.35	0.01	0.09	11.13	11.1	16	2.12	23.3
808	Soil	0.008	0.14	1.36	34.6	31	0.33	0.51	0.01	0.08	15.56	4.9	19	1.85	28.2
809	Soil	0.007	0.31	0.53	37.0	23	0.16	0.51	0.01	0.08	19.96	4.6	11	0.79	30.0
810	Soil	0.014	0.11	1.70	33.7	22	0.27	0.74	<0.01	0.03	22.66	2.4	28	2.25	52.3
811	Soil	0.010	0.10	1.79	30.1	21	0.21	0.54	<0.01	0.03	28.89	2.8	27	1.75	36.3
812	Soil	0.021	0.16	1.87	38.3	33	0.29	0.57	<0.01	0.05	29.59	8.0	30	1.76	47.5
813	Soil	0.059	2.31	2.43	132.6	391	2.23	6.32	0.52	1.67	54.71	61.6	52	4.30	305.6
814	Soil	0.052	0.34	1.06	123.7	21	0.39	0.48	0.01	0.27	16.11	18.7	15	1.01	90.8
815	Soil	0.242	0.20	0.46	220.5	22	0.29	0.74	<0.01	0.03	24.55	11.7	11	1.62	31.4
816	Soil	0.018	0.25	1.91	69.2	27	0.18	0.78	0.01	0.07	20.14	4.5	31	2.44	20.3
817	Soil	0.006	0.17	1.54	20.9	28	0.26	0.39	<0.01	0.08	13.46	9.2	23	2.25	26.3
818	Soil	0.030	0.08	1.06	44.7	24	0.40	0.46	<0.01	0.07	16.88	16.4	17	1.16	48.7
819	Soil	0.009	0.11	1.58	29.2	28	0.26	0.43	0.01	0.06	20.56	8.7	22	1.31	22.7
820	Soil	0.015	0.07	1.14	30.5	43	0.20	0.39	0.02	0.08	25.52	8.1	19	9.17	17.7
821	Soil	0.043	0.08	1.79	51.9	35	0.33	0.42	0.01	0.07	35.71	12.2	24	1.29	26.8
822	Soil	0.010	0.21	1.49	41.0	29	0.24	0.41	<0.01	0.05	28.04	8.6	21	1.10	18.1
823	Soil	0.011	0.04	1.46	40.0	33	0.27	0.42	0.01	0.07	24.13	11.7	23	1.08	22.0
824	Soil	0.024	0.07	1.55	53.3	33	0.39	0.44	0.01	0.13	18.14	14.8	23	1.00	28.5
825	Soil	0.028	0.12	1.52	52.7	39	0.39	0.49	0.01	0.08	17.51	16.2	23	1.55	35.3
826	Soil	0.024	0.27	1.38	20.3	17	0.31	0.44	<0.01	0.07	9.73	14.3	22	2.03	31.6
827	Soil	0.054	0.05	1.68	64.0	31	0.44	0.42	0.02	0.09	23.22	17.9	27	1.20	36.7
828	Soil	0.011	0.09	1.10	36.9	22	0.19	0.30	<0.01	0.08	11.94	8.0	15	0.98	23.3
829	Soil	0.023	0.12	1.90	71.7	29	0.40	0.43	<0.01	0.14	18.25	13.9	29	1.07	36.9
830	Soil	0.006	0.06	2.19	19.5	26	0.32	0.42	0.03	0.06	13.00	15.4	36	0.92	35.2
831	Soil	0.115	0.21	1.43	255.4	21	0.32	0.44	0.07	0.23	17.29	15.6	21	1.13	36.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
832	Soil	0.063	0.30	1.59	265.1	29	0.30	0.42	0.04	0.16	19.98	11.9	25	1.60	29.3
833	Soil	0.045	0.27	1.05	244.3	22	0.21	0.32	0.02	0.29	12.59	8.7	16	1.26	22.9
834	Soil	0.030	0.29	1.38	265.0	61	0.36	0.54	0.03	0.47	15.05	12.2	25	2.59	31.8
835	Soil	0.008	0.23	0.92	76.0	41	0.23	0.43	0.02	0.33	7.38	10.0	17	3.10	27.2
836	Soil	0.016	0.18	1.09	75.7	36	0.20	0.46	0.01	0.17	15.93	9.2	20	1.62	24.6
837	Soil	0.020	0.04	1.71	59.1	28	0.30	0.44	<0.01	0.09	19.48	12.3	26	1.12	28.4
838	Soil	0.073	0.09	0.74	87.4	23	0.62	0.37	0.02	0.09	15.78	16.0	17	1.39	37.8
839	Soil	0.017	0.08	1.20	34.1	20	0.23	0.37	<0.01	0.08	13.30	10.4	20	1.30	24.0
840	Soil	0.008	0.18	1.45	32.8	29	0.32	0.36	0.02	0.09	21.14	13.1	21	1.04	23.1
841	Soil	0.010	0.17	1.03	25.6	39	0.21	0.39	<0.01	0.11	18.55	9.0	22	1.91	20.5
842	Soil	0.029	0.18	1.71	35.3	34	0.46	0.48	<0.01	0.15	26.56	15.0	25	2.37	31.3
843	Soil	0.012	0.37	1.61	31.3	31	0.42	0.47	<0.01	0.15	16.02	11.1	26	1.78	35.6
844	Soil	0.014	0.14	1.38	43.2	32	0.29	0.41	<0.01	0.07	23.89	11.1	20	1.30	25.3
845	Soil	0.067	0.13	1.14	130.9	18	0.29	0.37	0.01	0.13	18.09	11.4	17	0.81	26.6
846	Soil	0.143	0.22	0.76	680.3	23	0.42	0.28	0.01	0.23	16.09	28.7	9	1.10	13.1
847	Soil	0.222	0.43	1.13	256.1	28	0.25	0.33	0.02	0.19	18.02	8.5	14	0.93	22.6
848	Soil	0.032	0.14	0.88	62.5	31	0.36	0.46	0.01	0.05	33.89	14.6	13	2.83	34.1
974	Soil	0.027	0.18	1.27	187.7	77	0.50	0.42	0.03	0.22	21.15	9.8	20	2.30	22.6
975	Soil	0.031	0.05	0.18	6.2	10	<0.05	0.06	0.02	0.04	4.89	0.9	3	0.41	3.2
976	Soil	<0.005	0.09	0.50	45.5	22	0.12	0.36	0.01	0.12	18.99	5.4	12	1.11	16.7
977	Soil	0.023	0.07	1.68	123.5	23	0.29	0.41	0.02	0.18	15.63	15.5	30	0.84	36.2
978	Soil	0.015	0.07	0.82	33.1	19	0.17	0.28	<0.01	0.06	11.75	6.5	13	0.71	19.6
979	Soil	0.036	0.08	1.29	22.4	35	0.19	0.29	0.02	0.06	14.52	6.4	17	0.80	17.5
980	Soil	<0.005	0.05	0.55	12.7	18	0.10	0.20	0.02	0.07	6.31	4.4	11	0.86	14.1
981	Soil	0.018	0.07	0.89	21.7	26	0.16	0.28	0.02	0.06	9.21	5.5	12	0.95	20.7
982	Soil	0.006	0.11	0.60	7.8	16	0.09	0.12	0.02	0.07	4.56	2.7	7	0.74	8.7
983	Soil	0.006	0.07	1.10	27.2	28	0.21	0.33	0.04	0.09	15.68	7.6	18	1.30	20.9
984	Soil	<0.005	0.04	0.45	2.4	17	0.09	0.07	0.05	0.05	4.11	1.4	3	0.40	6.8
985	Soil	<0.005	0.10	0.44	2.1	18	0.12	0.06	0.06	0.05	3.76	1.0	2	0.32	6.4
986	Soil	0.006	0.09	0.36	10.1	46	0.19	0.14	0.08	0.23	7.04	3.1	5	1.02	17.4
987	Soil	0.006	0.08	0.42	3.2	27	0.10	0.11	0.04	0.15	5.14	1.7	4	0.51	7.9
988	Soil	0.090	0.15	1.50	176.1	26	0.66	0.43	0.02	0.17	13.28	14.6	22	3.56	51.1
989	Soil	0.019	0.23	0.44	35.0	29	0.13	0.28	0.02	0.07	9.67	3.8	5	1.55	15.9
990	Soil	0.028	0.14	0.78	50.3	28	0.23	0.30	0.02	0.14	12.28	7.0	10	1.24	23.1
991	Soil	0.007	0.16	0.69	14.6	30	0.20	0.33	0.03	0.15	14.13	5.4	10	1.72	11.7
992	Soil	0.023	0.18	0.99	46.6	44	0.25	0.43	0.01	0.11	18.16	8.8	14	1.15	22.3
993	Soil	0.033	0.16	0.92	34.1	30	0.17	0.34	0.03	0.04	15.79	5.8	13	0.77	18.7
994	Soil	0.010	0.10	1.05	16.5	35	0.21	0.25	<0.01	0.08	9.71	4.7	14	0.96	19.1
995	Soil	0.005	0.28	1.30	16.7	29	0.22	0.49	<0.01	0.07	15.42	7.3	19	1.35	33.8
996	Soil	0.009	0.24	2.07	26.1	33	0.44	0.48	0.01	0.06	19.31	11.8	32	0.96	29.5

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
997	Soil	0.022	0.17	1.10	48.1	14	0.43	0.78	0.01	0.05	14.82	4.6	23	5.09	82.4
998	Soil	0.064	0.17	0.26	142.4	23	0.20	0.52	<0.01	0.14	14.40	8.2	7	1.57	31.3
999	Soil	0.005	0.09	0.52	26.5	24	0.08	0.16	0.04	0.10	6.53	1.9	7	0.48	7.4
1000	Soil	<0.005	0.07	0.11	2.7	11	<0.05	0.03	0.02	0.13	1.17	0.6	3	0.09	1.5
1001	Soil	<0.005	0.04	0.82	3.5	31	0.18	0.21	0.03	0.07	7.78	4.7	11	0.60	16.7
1002	Soil	<0.005	0.06	0.86	3.9	20	0.18	0.20	0.01	0.04	5.70	7.4	9	0.53	16.9
1003	Soil	<0.005	0.05	0.70	3.8	32	0.14	0.23	0.05	0.17	7.07	6.3	14	0.49	11.5
1004	Soil	<0.005	0.06	1.11	6.2	28	0.31	0.23	0.08	0.06	7.43	16.1	14	0.78	23.4
1005	Soil	<0.005	0.08	1.47	9.4	23	0.32	0.30	0.08	0.05	13.41	23.2	19	0.82	29.2
1006	Soil	<0.005	0.03	0.86	3.8	15	0.15	0.22	0.01	0.03	4.66	3.6	10	0.60	17.3
1007	Soil	0.006	0.03	1.89	8.1	19	0.45	0.33	0.02	0.07	10.60	36.8	26	0.84	56.1
1008	Soil	<0.005	0.06	1.46	12.2	20	0.40	0.48	0.05	0.10	10.62	19.8	23	0.60	41.1
1009	Soil	<0.005	0.05	1.15	13.4	27	0.34	0.35	0.03	0.10	10.73	42.4	14	0.50	26.9
1010	Soil	<0.005	0.06	1.58	9.3	18	0.29	0.38	0.02	0.06	10.91	16.2	22	0.70	31.6
1011	Soil	<0.005	0.06	1.42	7.7	30	0.43	0.36	0.05	0.06	8.09	14.4	19	1.00	29.6
1012	Soil	<0.005	0.08	1.48	7.3	26	0.38	0.35	0.03	0.04	9.58	13.1	18	0.98	29.0
1013	Soil	0.005	0.08	1.75	9.2	33	0.64	0.40	0.08	0.10	11.16	17.9	24	1.17	48.0
1014	Soil	0.006	0.05	1.80	8.1	36	0.55	0.38	0.06	0.10	13.13	17.4	25	1.11	38.1
1015	Soil	<0.005	0.08	1.64	7.2	44	0.54	0.36	0.06	0.05	9.27	16.2	20	1.10	31.2
1016	Soil	<0.005	0.09	1.43	7.8	21	0.42	0.35	0.05	0.06	11.91	24.2	20	0.93	34.0
1017	Soil	0.006	0.05	1.38	7.0	27	0.47	0.28	0.07	0.09	18.10	20.0	21	0.81	28.5
1018	Soil	<0.005	0.04	1.60	7.3	32	0.51	0.34	0.07	0.07	13.14	23.7	23	1.07	34.2
1019	Soil	<0.005	0.11	1.50	7.5	23	0.54	0.36	0.11	0.06	11.55	27.5	22	0.95	38.0
1020	Soil	<0.005	0.09	1.40	8.2	29	0.51	0.33	0.09	0.09	11.34	32.8	22	0.90	36.6
1021	Soil	<0.005	0.07	1.45	7.4	22	0.51	0.39	0.07	0.06	10.55	26.6	21	0.86	37.8
1022	Soil	0.007	0.07	1.61	8.1	26	0.59	0.40	0.06	0.07	11.26	35.0	21	1.12	44.8
1023	Soil	<0.005	0.10	1.65	7.1	22	0.45	0.41	0.04	0.08	10.77	31.5	22	0.83	41.7
1024	Soil	0.007	0.03	1.20	8.4	18	0.18	0.29	0.03	0.09	12.85	10.2	19	0.49	18.8
1025	Soil	<0.005	0.07	1.65	8.6	35	0.48	0.40	0.18	0.12	8.42	17.8	25	0.93	29.3
1026	Soil	<0.005	0.04	1.62	16.4	18	0.46	0.37	0.03	0.06	7.50	43.4	22	0.65	28.3
1027	Soil	<0.005	0.07	1.18	5.5	43	0.47	0.33	0.04	0.09	8.37	4.8	16	1.02	21.6
1028	Soil	<0.005	0.03	1.03	5.4	32	0.39	0.24	0.06	0.07	11.01	18.1	13	0.47	16.4
1029	Soil	<0.005	0.05	0.88	3.5	18	0.23	0.21	0.04	0.06	4.17	8.8	13	0.44	18.3
1030	Soil	<0.005	0.07	1.36	12.4	16	0.41	0.37	0.13	0.05	13.16	21.1	18	0.47	34.5
1031	Soil	0.007	0.08	0.83	22.4	22	0.35	0.31	0.13	0.10	11.64	14.7	12	0.37	19.7
1032	Soil	0.008	0.21	0.87	17.7	19	0.39	0.33	0.33	0.06	8.59	11.6	12	0.41	29.4
1033	Soil	<0.005	0.09	1.03	15.6	16	0.33	0.31	0.16	0.09	6.56	16.8	15	0.35	31.7
1034	Soil	<0.005	0.07	1.51	14.7	19	0.34	0.37	0.04	0.09	6.67	18.0	22	0.56	31.4
1035	Soil	0.005	0.05	1.66	15.4	18	0.46	0.31	0.04	0.10	8.81	23.0	23	0.57	28.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7382	Soil	4.94	6.44	<0.05	0.33	0.03	0.03	6.3	43.4	0.59	708	1.01	<0.01	0.68	28.1
7383	Soil	2.44	3.40	<0.05	0.08	0.02	0.04	4.8	10.0	0.16	959	1.00	0.01	0.44	14.4
7384	Soil	3.54	3.98	<0.05	0.12	0.02	0.03	6.1	34.0	0.48	1120	0.76	0.01	0.20	29.8
7385	Soil	3.73	4.88	<0.05	0.11	0.03	0.02	7.5	40.1	0.52	1181	0.65	<0.01	0.19	31.6
7386	Soil	3.87	3.83	<0.05	0.08	0.02	0.03	7.3	34.6	0.51	921	0.94	<0.01	0.09	55.8
7387	Soil	2.30	1.62	<0.05	0.04	0.02	0.02	4.8	2.0	0.05	453	0.55	<0.01	0.14	27.9
7388	Soil	2.87	2.90	<0.05	0.03	0.02	0.02	7.5	11.8	0.18	374	0.54	<0.01	0.19	20.7
799	Soil	2.59	2.80	<0.05	0.05	0.01	0.02	6.2	16.5	0.21	137	1.06	<0.01	0.12	11.4
800	Soil	2.91	1.60	<0.05	0.04	0.02	0.01	5.4	5.1	0.06	148	0.48	<0.01	0.09	24.0
801	Soil	3.66	4.70	<0.05	0.03	0.02	0.02	9.6	23.0	0.37	288	0.59	<0.01	0.43	20.8
802	Soil	3.87	5.26	<0.05	0.06	0.02	0.03	15.8	36.0	0.50	398	0.57	<0.01	0.48	29.7
803	Soil	3.51	4.36	<0.05	0.10	0.02	0.03	11.1	14.6	0.21	291	0.61	<0.01	0.40	18.0
804	Soil	5.09	6.21	<0.05	0.12	0.02	0.02	10.2	42.7	0.57	605	0.64	<0.01	0.41	37.0
805	Soil	4.08	5.26	<0.05	0.11	0.02	0.03	13.6	42.5	0.61	315	0.47	<0.01	0.20	33.0
806	Soil	2.30	5.25	<0.05	<0.02	0.01	0.02	15.3	3.0	0.05	172	0.62	<0.01	0.39	8.5
807	Soil	2.53	3.78	<0.05	0.08	0.01	0.03	5.9	22.1	0.36	469	0.58	0.01	0.37	19.5
808	Soil	3.40	5.40	<0.05	0.03	0.02	0.02	8.1	20.9	0.35	196	1.16	<0.01	0.74	15.8
809	Soil	3.11	6.08	<0.05	0.03	0.01	0.02	10.9	2.2	0.04	140	1.12	<0.01	0.68	9.9
810	Soil	4.29	5.56	<0.05	0.11	0.02	0.03	13.6	49.2	0.66	257	0.92	<0.01	0.13	27.4
811	Soil	4.20	6.20	<0.05	0.10	0.02	0.02	17.3	48.2	0.67	282	0.76	<0.01	0.21	28.2
812	Soil	4.01	6.01	<0.05	0.09	0.02	0.02	17.9	50.0	0.73	337	0.70	<0.01	0.40	34.2
813	Soil	5.91	8.95	0.06	0.21	0.19	0.11	28.0	12.5	0.55	1864	1.15	<0.01	1.98	87.5
814	Soil	4.19	3.66	<0.05	0.05	0.04	0.02	8.8	18.0	0.28	396	0.83	<0.01	0.21	42.7
815	Soil	4.05	2.31	<0.05	0.03	0.02	0.03	14.3	2.6	0.03	171	1.19	<0.01	0.11	22.0
816	Soil	5.57	7.86	<0.05	0.07	0.02	0.02	11.6	31.5	0.51	329	0.83	<0.01	0.69	20.5
817	Soil	3.56	5.57	<0.05	0.07	0.02	0.02	7.2	26.8	0.45	477	0.63	<0.01	0.56	22.5
818	Soil	4.23	3.55	<0.05	0.07	0.02	0.02	9.6	19.9	0.28	418	0.67	<0.01	0.12	35.0
819	Soil	3.82	4.99	<0.05	0.09	0.02	0.03	10.9	29.9	0.45	287	0.71	<0.01	0.33	23.8
820	Soil	3.02	5.04	<0.05	0.03	0.02	0.03	13.7	19.2	0.30	529	0.68	<0.01	0.28	18.1
821	Soil	4.19	4.94	<0.05	0.08	0.02	0.03	19.2	38.7	0.53	376	0.50	<0.01	0.33	31.9
822	Soil	3.81	5.33	<0.05	0.03	0.02	0.03	14.6	24.9	0.39	292	0.70	<0.01	0.73	21.7
823	Soil	4.03	5.16	<0.05	0.06	0.02	0.03	12.8	30.3	0.48	447	0.54	<0.01	0.41	27.7
824	Soil	3.81	4.31	<0.05	0.12	0.02	0.03	9.7	34.9	0.48	460	0.59	<0.01	0.31	35.1
825	Soil	4.03	4.28	<0.05	0.09	0.02	0.02	9.3	35.6	0.48	480	0.61	<0.01	0.24	36.9
826	Soil	3.03	4.21	<0.05	1.25	0.02	0.01	4.4	40.7	0.50	386	0.42	<0.01	0.16	33.2
827	Soil	4.21	5.56	<0.05	0.17	0.02	0.01	12.3	46.2	0.59	407	0.54	<0.01	0.23	40.9
828	Soil	2.86	4.00	<0.05	0.19	0.02	0.02	6.2	20.9	0.31	219	0.50	0.01	0.36	19.8
829	Soil	4.39	5.02	<0.05	0.17	0.02	0.02	9.4	43.4	0.60	435	0.57	<0.01	0.23	36.8
830	Soil	4.43	7.42	<0.05	0.10	0.02	0.01	6.2	58.3	0.89	534	0.40	<0.01	0.08	44.1
831	Soil	3.80	4.21	<0.05	0.08	0.02	0.02	8.9	39.6	0.65	993	0.60	<0.01	0.08	35.5

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
832	Soil	3.64	5.08	<0.05	0.12	0.03	0.02	10.4	47.0	0.74	577	0.60	<0.01	0.14	33.4
833	Soil	2.66	3.42	<0.05	0.08	0.03	0.02	6.7	25.8	0.43	366	0.55	0.01	0.21	23.6
834	Soil	3.43	5.38	<0.05	0.07	0.04	0.03	7.2	28.6	0.41	666	0.95	<0.01	0.35	25.6
835	Soil	2.30	3.87	<0.05	0.09	0.02	0.02	3.4	19.5	0.29	791	0.58	0.02	0.25	16.8
836	Soil	3.10	5.31	<0.05	0.06	0.02	0.02	8.2	21.3	0.32	475	0.74	<0.01	0.43	19.6
837	Soil	3.85	4.80	<0.05	0.16	0.02	0.02	10.2	43.8	0.64	392	0.57	<0.01	0.30	32.7
838	Soil	4.33	2.44	<0.05	0.08	0.03	0.02	8.5	9.6	0.15	474	0.83	<0.01	0.16	42.1
839	Soil	3.17	4.35	<0.05	0.09	0.02	0.03	7.3	25.0	0.36	298	0.72	<0.01	0.33	26.8
840	Soil	3.69	3.89	<0.05	0.09	0.02	0.03	10.9	28.6	0.39	584	0.76	<0.01	0.46	29.8
841	Soil	3.10	5.04	<0.05	0.04	0.02	0.03	10.0	11.0	0.19	604	0.68	<0.01	0.54	25.5
842	Soil	4.12	6.18	<0.05	0.07	0.02	0.03	14.3	39.7	0.50	543	0.65	<0.01	0.47	29.3
843	Soil	3.80	5.35	<0.05	0.15	0.02	0.03	8.7	36.4	0.53	316	0.69	<0.01	0.63	29.4
844	Soil	3.72	4.58	<0.05	0.08	0.02	0.02	13.1	26.8	0.46	340	0.43	<0.01	0.23	28.2
845	Soil	4.10	3.80	<0.05	0.05	0.02	0.02	9.8	24.3	0.34	372	0.51	<0.01	0.24	29.5
846	Soil	5.36	2.03	<0.05	<0.02	0.02	0.02	8.0	5.4	0.08	1173	0.74	<0.01	0.16	58.7
847	Soil	3.88	3.70	<0.05	0.05	0.02	0.03	9.4	15.8	0.23	320	0.65	<0.01	0.47	20.8
848	Soil	3.43	2.55	<0.05	0.03	0.02	0.02	17.9	18.1	0.24	322	0.51	<0.01	0.09	32.7
974	Soil	3.12	3.99	<0.05	0.10	0.04	0.03	10.8	27.2	0.31	398	0.64	<0.01	0.23	25.9
975	Soil	0.37	1.15	<0.05	0.03	<0.01	0.02	2.6	1.1	0.02	33	0.22	0.02	0.09	2.1
976	Soil	2.13	4.50	<0.05	<0.02	0.01	0.02	10.4	7.8	0.12	214	0.81	<0.01	0.23	12.3
977	Soil	4.31	5.65	0.07	0.11	0.03	0.02	7.8	47.4	0.66	627	0.56	<0.01	0.23	38.9
978	Soil	2.32	4.10	<0.05	0.04	0.01	0.02	6.4	18.7	0.27	172	0.63	0.01	0.26	16.9
979	Soil	2.53	4.34	<0.05	0.14	0.02	0.02	7.7	28.5	0.39	162	0.53	<0.01	0.38	18.9
980	Soil	1.67	2.81	<0.05	0.07	0.01	0.02	3.4	6.1	0.09	222	0.84	0.02	0.22	9.9
981	Soil	2.04	3.01	<0.05	0.07	0.01	0.02	5.0	14.6	0.21	152	0.79	0.02	0.29	15.3
982	Soil	1.04	2.24	<0.05	0.06	<0.01	0.03	2.4	4.4	0.09	155	0.47	0.02	0.22	5.2
983	Soil	2.50	4.70	<0.05	0.03	0.02	0.03	8.2	16.8	0.26	281	1.11	0.01	0.41	18.7
984	Soil	0.56	1.83	<0.05	0.03	<0.01	0.02	2.0	1.5	0.03	33	0.33	0.03	0.18	3.0
985	Soil	0.43	1.88	<0.05	1.60	<0.01	0.02	1.8	1.0	0.02	22	0.20	0.03	0.40	2.1
986	Soil	1.03	2.06	<0.05	0.27	0.01	0.02	3.7	0.6	0.01	53	0.80	0.01	0.31	9.6
987	Soil	0.78	2.11	<0.05	0.16	<0.01	0.02	2.5	0.6	0.02	128	0.47	0.02	0.33	4.2
988	Soil	4.34	4.24	<0.05	0.13	0.03	0.03	7.0	27.8	0.37	379	0.97	<0.01	0.53	29.7
989	Soil	1.61	2.52	<0.05	0.06	0.01	0.02	5.3	1.1	0.02	67	0.74	0.01	0.32	7.9
990	Soil	2.86	4.09	<0.05	0.03	0.02	0.02	6.5	10.3	0.14	214	0.69	0.01	0.42	14.9
991	Soil	2.17	4.42	<0.05	0.02	0.01	0.03	7.7	9.7	0.13	246	0.62	0.01	0.52	9.0
992	Soil	3.54	5.27	<0.05	0.05	0.02	0.02	9.8	14.4	0.19	471	0.76	<0.01	0.54	16.2
993	Soil	3.11	5.05	<0.05	0.05	0.01	0.02	8.6	12.9	0.19	185	0.63	<0.01	0.55	14.1
994	Soil	2.52	3.79	<0.05	0.10	0.01	0.02	5.3	19.0	0.28	166	0.46	0.01	0.37	14.4
995	Soil	3.23	4.72	<0.05	0.11	0.02	0.02	8.5	27.3	0.35	239	0.68	<0.01	0.31	20.8
996	Soil	4.39	5.97	0.05	0.24	0.02	0.02	10.2	51.4	0.72	387	0.51	<0.01	0.22	34.7

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
997	Soil	6.33	3.80	0.08	0.10	0.04	0.02	8.4	20.0	0.31	184	1.12	<0.01	0.10	18.1
998	Soil	2.95	1.31	0.05	0.05	0.03	0.01	8.0	2.5	0.04	241	1.30	<0.01	0.10	15.5
999	Soil	0.83	2.79	<0.05	0.09	<0.01	0.03	3.3	2.7	0.05	74	0.79	0.02	0.30	5.7
1000	Soil	0.19	0.54	<0.05	0.04	<0.01	0.02	0.6	0.4	0.01	21	0.39	0.02	0.07	2.5
1001	Soil	1.39	3.38	<0.05	0.07	<0.01	0.02	3.9	5.3	0.10	151	0.94	0.02	0.20	8.5
1002	Soil	1.53	3.17	<0.05	0.17	0.01	0.02	2.8	12.4	0.21	192	0.43	0.01	0.29	9.3
1003	Soil	1.72	3.68	<0.05	0.05	0.03	0.02	3.3	7.8	0.15	494	1.15	0.02	0.36	10.2
1004	Soil	2.00	3.42	<0.05	0.19	0.02	0.02	3.6	17.1	0.29	966	0.77	0.02	0.32	14.3
1005	Soil	3.19	3.87	0.05	0.06	0.02	0.02	6.2	34.6	0.52	737	0.40	<0.01	0.15	27.0
1006	Soil	1.81	3.58	<0.05	0.08	<0.01	0.02	2.4	13.9	0.22	116	0.45	0.02	0.26	9.8
1007	Soil	3.80	5.33	0.06	0.20	0.02	0.02	5.4	44.8	0.72	343	0.77	0.01	0.31	37.2
1008	Soil	3.57	4.75	0.06	0.21	0.02	0.02	5.1	35.4	0.58	498	0.68	<0.01	0.19	28.3
1009	Soil	2.58	3.76	<0.05	0.07	0.02	0.02	5.1	18.6	0.33	560	0.64	0.01	0.35	36.8
1010	Soil	3.50	4.92	0.06	0.11	0.02	0.02	5.2	31.5	0.53	607	0.62	<0.01	0.30	23.7
1011	Soil	2.70	4.35	0.05	0.15	0.02	0.02	3.7	30.3	0.49	487	0.69	<0.01	0.26	22.1
1012	Soil	2.65	4.50	0.05	0.13	0.02	0.02	4.6	29.6	0.48	474	0.47	0.01	0.27	20.8
1013	Soil	3.36	5.11	0.05	0.13	0.02	0.03	5.4	36.1	0.58	651	0.78	<0.01	0.24	28.3
1014	Soil	3.46	5.23	0.06	0.05	0.02	0.03	6.3	31.0	0.53	704	0.80	0.01	0.48	24.0
1015	Soil	3.18	4.72	<0.05	0.16	0.02	0.02	4.5	31.0	0.51	569	0.49	<0.01	0.22	22.7
1016	Soil	3.07	4.20	0.06	0.07	0.02	0.03	5.4	32.8	0.55	786	0.58	0.01	0.21	25.9
1017	Soil	3.07	4.32	0.07	0.06	0.02	0.02	8.4	35.4	0.56	984	0.54	<0.01	0.20	27.2
1018	Soil	3.36	4.85	0.06	0.08	0.02	0.02	5.9	38.3	0.62	845	0.44	<0.01	0.20	28.3
1019	Soil	3.21	4.60	0.06	1.24	0.01	0.02	5.2	41.3	0.67	847	0.43	<0.01	0.15	30.8
1020	Soil	3.07	4.32	0.05	0.37	0.01	0.02	4.9	40.3	0.63	1380	0.68	<0.01	0.10	30.7
1021	Soil	3.07	4.39	0.06	0.24	0.01	0.02	4.8	39.7	0.65	779	0.51	<0.01	0.14	28.9
1022	Soil	3.15	4.60	0.06	0.20	0.02	0.02	4.9	41.7	0.70	1069	0.54	<0.01	0.12	31.1
1023	Soil	3.17	4.35	0.05	0.19	0.02	0.03	5.0	40.6	0.64	1233	0.64	<0.01	0.13	28.6
1024	Soil	3.25	4.46	0.05	0.19	0.01	0.02	5.9	24.0	0.40	570	0.72	<0.01	0.52	17.6
1025	Soil	3.19	4.42	0.06	0.16	0.02	0.03	4.4	38.7	0.59	601	0.94	0.01	0.17	29.1
1026	Soil	3.49	3.99	0.06	0.24	0.02	0.02	3.2	41.4	0.61	1392	0.64	<0.01	0.10	29.4
1027	Soil	2.06	4.11	<0.05	0.18	0.02	0.03	4.5	15.1	0.24	90	0.69	0.01	0.50	11.7
1028	Soil	2.20	3.67	<0.05	0.08	0.01	0.02	4.8	21.1	0.33	992	0.53	0.01	0.65	15.7
1029	Soil	1.74	3.07	<0.05	0.12	<0.01	0.02	2.0	17.7	0.28	250	0.60	0.01	0.23	13.3
1030	Soil	3.10	3.58	0.07	0.22	0.01	0.02	6.4	38.8	0.67	769	0.50	<0.01	0.07	35.1
1031	Soil	2.17	2.15	0.05	0.17	0.02	0.03	4.7	17.2	0.29	646	0.71	<0.01	0.16	20.6
1032	Soil	2.80	2.32	0.06	0.23	0.02	0.03	4.2	17.4	0.29	418	0.42	<0.01	0.11	27.2
1033	Soil	2.72	2.76	0.05	0.19	0.01	0.02	3.2	24.0	0.40	554	0.55	<0.01	0.08	27.2
1034	Soil	3.27	4.11	<0.05	0.21	0.01	0.02	3.2	32.7	0.49	747	0.63	<0.01	0.12	25.9
1035	Soil	3.25	4.28	0.06	0.18	0.01	0.02	4.0	35.7	0.53	880	0.70	<0.01	0.31	26.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7382	Soil	1726	53.3	3.4	<0.01	0.06	1.02	1.6	0.2	0.3	3.8	0.03	0.07	4.3	0.006
7383	Soil	1035	19.9	4.0	<0.01	0.08	1.36	0.6	0.3	0.2	6.5	0.01	0.04	1.4	<0.005
7384	Soil	884	35.4	3.1	<0.01	0.03	3.46	1.2	0.2	<0.2	5.3	<0.01	0.14	4.2	<0.005
7385	Soil	634	31.2	2.9	<0.01	0.02	2.50	1.5	<0.2	<0.2	3.5	<0.01	0.12	5.0	<0.005
7386	Soil	694	67.1	2.8	<0.01	0.03	2.01	1.5	0.3	<0.2	17.8	<0.01	0.07	8.9	<0.005
7387	Soil	334	60.0	2.8	<0.01	0.02	1.92	0.8	0.2	0.2	26.8	<0.01	0.10	5.1	<0.005
7388	Soil	494	54.1	3.7	<0.01	0.02	2.02	0.8	<0.2	0.2	12.9	<0.01	0.09	6.0	<0.005
799	Soil	241	25.6	2.6	<0.01	0.01	4.84	1.0	0.5	<0.2	4.0	<0.01	0.14	4.6	<0.005
800	Soil	319	6.7	2.0	<0.01	0.01	0.78	1.0	<0.2	<0.2	5.2	<0.01	0.09	5.1	<0.005
801	Soil	607	17.8	3.2	<0.01	0.02	0.79	0.8	0.3	0.2	3.0	<0.01	0.06	2.6	<0.005
802	Soil	258	25.7	4.0	<0.01	0.01	1.04	1.5	0.5	0.3	3.5	<0.01	0.08	8.7	<0.005
803	Soil	460	21.3	4.4	<0.01	0.02	0.98	1.2	0.3	0.2	3.3	<0.01	0.06	8.0	<0.005
804	Soil	596	35.7	4.3	<0.01	0.03	1.14	1.6	0.4	<0.2	4.8	<0.01	0.09	9.9	<0.005
805	Soil	304	25.7	4.2	<0.01	0.01	1.17	1.5	0.4	<0.2	2.9	<0.01	0.08	10.6	<0.005
806	Soil	715	15.5	4.1	<0.01	0.01	1.00	0.4	<0.2	0.4	2.9	<0.01	0.09	1.3	<0.005
807	Soil	668	18.0	4.6	<0.01	0.05	1.20	0.7	0.3	<0.2	4.6	<0.01	0.06	2.2	0.006
808	Soil	681	31.6	4.5	<0.01	0.05	3.21	0.6	0.5	0.3	11.1	<0.01	0.11	1.6	0.008
809	Soil	604	20.4	2.9	<0.01	0.03	3.76	0.7	0.3	0.4	3.8	<0.01	0.13	5.6	<0.005
810	Soil	432	36.4	3.4	<0.01	0.04	4.22	1.3	0.2	<0.2	10.0	<0.01	0.17	14.0	<0.005
811	Soil	392	28.1	4.0	<0.01	0.03	2.90	1.1	0.4	<0.2	6.2	<0.01	0.11	9.2	<0.005
812	Soil	366	30.5	3.7	<0.01	0.03	2.59	1.3	0.4	<0.2	7.8	<0.01	0.09	9.7	<0.005
813	Soil	1786	7388.9	6.6	<0.01	0.02	5.68	10.2	4.9	0.9	126.7	<0.01	0.40	14.5	0.043
814	Soil	651	141.5	3.4	<0.01	0.03	1.91	1.3	0.5	<0.2	6.6	<0.01	0.11	9.5	<0.005
815	Soil	389	48.7	3.9	<0.01	0.03	5.74	1.4	0.3	0.2	6.1	<0.01	0.19	11.0	<0.005
816	Soil	1075	44.7	3.8	<0.01	0.03	1.50	1.0	0.3	0.3	4.0	<0.01	0.14	9.5	0.005
817	Soil	847	18.1	4.7	<0.01	0.03	1.36	1.0	0.3	0.3	5.6	<0.01	0.06	2.8	<0.005
818	Soil	411	36.1	3.7	<0.01	0.02	3.25	1.6	0.3	<0.2	3.7	<0.01	0.12	6.6	<0.005
819	Soil	825	20.8	3.8	<0.01	0.03	1.25	1.0	0.5	0.2	4.5	<0.01	0.07	4.2	<0.005
820	Soil	1131	19.1	5.6	<0.01	0.03	0.85	0.4	0.4	0.4	5.0	<0.01	0.06	0.9	<0.005
821	Soil	249	26.9	4.5	<0.01	0.01	1.52	1.7	0.2	0.2	4.0	<0.01	0.07	12.0	<0.005
822	Soil	459	21.8	4.0	<0.01	0.02	1.05	1.0	0.4	0.4	3.4	<0.01	0.07	3.8	0.006
823	Soil	388	21.7	3.9	<0.01	0.01	0.89	1.4	0.2	<0.2	3.1	<0.01	0.08	8.4	<0.005
824	Soil	306	28.3	4.4	<0.01	0.02	1.40	1.6	0.4	<0.2	3.3	<0.01	0.07	10.1	<0.005
825	Soil	312	26.4	3.3	<0.01	0.01	1.87	1.7	0.5	<0.2	3.4	<0.01	0.08	9.5	<0.005
826	Soil	297	18.0	2.3	<0.01	0.02	1.26	1.8	0.3	<0.2	5.1	<0.01	0.08	6.7	<0.005
827	Soil	257	30.3	2.6	<0.01	<0.01	1.08	1.9	0.3	<0.2	3.4	<0.01	0.07	9.8	<0.005
828	Soil	805	20.1	2.5	<0.01	0.03	0.82	0.7	0.3	<0.2	2.8	<0.01	0.05	2.1	<0.005
829	Soil	427	31.9	3.3	<0.01	0.02	1.36	1.9	0.3	<0.2	4.4	<0.01	0.08	8.8	<0.005
830	Soil	339	20.7	1.8	<0.01	0.01	0.74	2.5	<0.2	<0.2	4.1	<0.01	0.06	6.8	<0.005
831	Soil	479	70.3	1.8	<0.01	0.02	2.72	2.0	0.2	<0.2	18.3	<0.01	0.08	5.9	<0.005

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#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
832	Soil	502	96.5	2.2	<0.01	0.02	1.99	1.9	0.2	<0.2	12.7	<0.01	0.06	5.5	<0.005
833	Soil	505	76.6	2.3	<0.01	0.03	1.77	1.0	0.3	<0.2	11.4	<0.01	0.05	2.4	<0.005
834	Soil	988	68.4	5.0	<0.01	0.05	1.48	0.9	0.2	0.3	14.5	<0.01	0.08	2.0	<0.005
835	Soil	722	31.2	3.3	<0.01	0.04	0.92	0.9	0.3	0.2	5.9	<0.01	0.07	1.8	<0.005
836	Soil	882	25.1	3.2	<0.01	0.03	0.99	0.7	0.3	0.3	4.9	0.01	0.08	1.7	<0.005
837	Soil	300	23.2	3.6	<0.01	0.02	1.40	1.6	0.3	<0.2	4.2	<0.01	0.06	7.8	<0.005
838	Soil	621	19.4	3.4	<0.01	0.04	2.30	2.0	0.5	0.3	4.3	<0.01	0.08	4.1	<0.005
839	Soil	822	19.7	5.1	<0.01	0.03	1.17	0.9	<0.2	<0.2	3.2	<0.01	0.08	4.4	<0.005
840	Soil	399	26.8	5.1	<0.01	0.02	1.08	1.4	0.4	<0.2	3.9	<0.01	0.06	9.2	<0.005
841	Soil	1213	19.4	4.7	<0.01	0.04	0.87	0.6	0.5	0.4	6.5	<0.01	0.07	1.3	<0.005
842	Soil	544	31.1	5.6	<0.01	0.02	1.16	1.5	0.4	0.3	3.7	<0.01	0.10	8.0	<0.005
843	Soil	428	30.5	5.3	<0.01	0.03	1.28	1.5	0.4	0.2	6.9	<0.01	0.07	9.6	0.007
844	Soil	378	21.2	3.8	<0.01	0.01	0.91	1.2	0.3	<0.2	3.6	<0.01	0.08	8.2	<0.005
845	Soil	414	41.1	3.7	<0.01	0.02	1.16	1.3	0.2	<0.2	3.0	<0.01	0.08	8.5	<0.005
846	Soil	605	25.1	3.7	<0.01	0.02	1.54	1.0	0.3	<0.2	3.0	<0.01	0.07	21.2	<0.005
847	Soil	465	48.3	4.5	<0.01	0.03	1.09	1.1	0.3	0.2	5.5	<0.01	0.08	9.6	<0.005
848	Soil	268	30.2	3.6	<0.01	0.01	1.24	1.6	0.2	0.2	23.3	<0.01	0.09	10.4	<0.005
974	Soil	778	75.2	4.8	<0.01	0.03	1.47	1.9	0.4	0.4	64.5	<0.01	0.05	4.0	<0.005
975	Soil	466	4.0	1.3	<0.01	0.02	0.16	0.1	<0.2	<0.2	4.0	<0.01	<0.01	0.2	<0.005
976	Soil	655	14.4	3.6	<0.01	0.02	1.11	0.3	<0.2	0.3	5.5	<0.01	0.06	0.4	<0.005
977	Soil	450	41.9	2.6	<0.01	0.01	1.42	1.9	0.2	<0.2	7.0	<0.01	0.10	7.8	<0.005
978	Soil	621	14.2	3.1	<0.01	0.03	1.27	0.6	0.2	<0.2	3.1	<0.01	0.06	1.5	<0.005
979	Soil	580	15.0	3.7	<0.01	0.03	0.76	0.8	0.2	<0.2	4.9	<0.01	0.05	3.2	<0.005
980	Soil	756	13.1	2.4	<0.01	0.05	0.50	0.3	0.3	<0.2	3.2	<0.01	0.02	0.6	0.005
981	Soil	645	14.8	4.2	<0.01	0.04	1.53	0.6	0.3	<0.2	3.9	<0.01	0.08	1.5	<0.005
982	Soil	877	6.9	2.5	<0.01	0.07	0.37	0.2	0.4	<0.2	3.7	<0.01	0.03	0.3	<0.005
983	Soil	767	17.9	4.8	<0.01	0.04	0.76	0.6	0.3	0.3	5.3	<0.01	0.05	1.0	0.007
984	Soil	443	4.7	1.3	<0.01	0.03	0.16	0.2	<0.2	<0.2	6.3	<0.01	<0.01	<0.2	0.008
985	Soil	444	5.1	1.1	<0.01	0.03	0.14	0.4	0.2	<0.2	6.4	0.01	<0.01	0.8	0.009
986	Soil	832	14.8	2.3	<0.01	0.06	0.48	0.3	0.3	0.4	11.6	0.01	0.03	0.6	<0.005
987	Soil	557	8.6	1.6	<0.01	0.04	0.24	0.2	<0.2	0.2	4.9	<0.01	<0.01	0.2	<0.005
988	Soil	803	46.8	3.7	<0.01	0.04	1.05	1.2	0.5	0.2	5.2	<0.01	0.08	3.9	0.006
989	Soil	639	9.2	3.5	<0.01	0.03	2.18	0.3	<0.2	0.3	4.1	<0.01	0.08	0.5	<0.005
990	Soil	577	13.7	3.4	<0.01	0.03	1.63	0.5	0.2	0.2	3.8	<0.01	0.07	1.3	0.006
991	Soil	606	14.0	4.3	<0.01	0.02	0.72	0.3	<0.2	0.4	5.2	<0.01	0.04	0.7	0.006
992	Soil	519	21.2	5.5	<0.01	0.02	1.67	0.8	0.3	0.3	5.7	<0.01	0.11	4.0	<0.005
993	Soil	493	12.3	4.0	<0.01	0.01	1.18	0.7	<0.2	0.2	6.4	<0.01	0.07	3.5	<0.005
994	Soil	417	15.6	2.9	<0.01	0.02	0.90	0.6	0.4	<0.2	3.2	<0.01	0.05	2.6	<0.005
995	Soil	300	20.5	3.2	<0.01	0.01	1.00	0.8	0.2	<0.2	3.0	<0.01	0.09	5.9	<0.005
996	Soil	230	21.4	3.8	<0.01	<0.01	0.91	1.6	<0.2	<0.2	3.8	<0.01	0.08	9.4	<0.005

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
997	Soil	532	34.9	2.4	<0.01	0.04	4.59	1.4	0.7	<0.2	5.1	<0.01	0.22	15.3	<0.005
998	Soil	328	52.9	2.0	<0.01	0.02	6.98	1.5	0.6	<0.2	10.5	<0.01	0.20	6.0	<0.005
999	Soil	609	13.0	2.1	<0.01	0.04	0.47	0.2	0.3	0.2	5.1	<0.01	0.04	0.3	0.006
1000	Soil	478	3.1	0.6	<0.01	0.02	0.11	<0.1	<0.2	<0.2	4.0	<0.01	<0.01	<0.2	<0.005
1001	Soil	836	6.8	2.9	<0.01	0.05	0.43	0.3	<0.2	0.2	5.3	<0.01	0.03	0.6	<0.005
1002	Soil	560	7.0	2.4	<0.01	0.03	0.37	0.4	0.4	<0.2	2.9	<0.01	0.02	2.0	<0.005
1003	Soil	805	7.4	2.6	<0.01	0.06	0.43	0.4	0.4	0.3	7.0	<0.01	0.02	0.7	0.006
1004	Soil	657	52.2	2.6	<0.01	0.04	0.39	0.6	0.3	<0.2	9.8	<0.01	0.02	2.3	<0.005
1005	Soil	329	28.3	2.3	<0.01	<0.01	0.75	1.1	<0.2	<0.2	10.1	<0.01	0.02	8.5	<0.005
1006	Soil	535	5.6	2.7	<0.01	0.03	0.40	0.3	<0.2	<0.2	5.6	<0.01	<0.01	1.4	<0.005
1007	Soil	753	23.9	2.2	<0.01	0.05	0.54	0.8	0.3	<0.2	16.9	<0.01	0.04	4.6	<0.005
1008	Soil	734	25.3	2.0	<0.01	0.04	0.91	0.8	<0.2	<0.2	11.9	<0.01	0.06	7.8	<0.005
1009	Soil	747	15.7	2.1	<0.01	0.04	0.95	0.5	0.4	0.2	9.5	<0.01	0.04	2.0	0.005
1010	Soil	882	31.7	3.1	<0.01	0.03	0.67	0.8	0.2	0.2	5.2	<0.01	0.04	3.7	0.006
1011	Soil	564	25.0	3.3	<0.01	0.03	0.47	0.8	0.3	<0.2	7.8	<0.01	0.03	3.7	<0.005
1012	Soil	662	25.4	3.9	<0.01	0.03	0.41	0.9	0.3	<0.2	6.1	<0.01	0.03	3.7	0.005
1013	Soil	620	32.1	4.3	<0.01	0.03	0.48	1.0	0.3	<0.2	11.0	<0.01	0.03	4.4	<0.005
1014	Soil	722	40.3	3.9	<0.01	0.03	0.50	0.8	0.4	0.3	10.0	<0.01	0.03	2.0	0.009
1015	Soil	738	31.5	3.5	<0.01	0.04	0.51	0.9	0.3	0.2	9.3	<0.01	0.03	3.8	<0.005
1016	Soil	536	34.7	3.2	<0.01	0.02	0.74	1.2	0.2	<0.2	8.2	<0.01	0.03	8.5	0.005
1017	Soil	378	30.4	2.5	<0.01	0.01	0.60	1.4	<0.2	<0.2	8.9	<0.01	0.02	10.0	0.006
1018	Soil	591	35.1	3.5	<0.01	0.02	0.64	1.2	<0.2	<0.2	9.1	<0.01	0.03	6.2	<0.005
1019	Soil	432	39.9	2.4	<0.01	<0.01	0.51	1.8	<0.2	<0.2	12.8	<0.01	0.03	13.1	<0.005
1020	Soil	266	52.7	2.0	<0.01	<0.01	0.54	1.4	<0.2	<0.2	12.4	<0.01	0.03	13.1	<0.005
1021	Soil	466	40.2	2.4	<0.01	0.01	0.54	1.4	<0.2	<0.2	10.8	<0.01	0.02	13.0	<0.005
1022	Soil	370	62.0	2.5	<0.01	0.01	0.55	1.5	<0.2	<0.2	10.9	<0.01	0.02	14.4	<0.005
1023	Soil	325	57.8	2.7	<0.01	0.02	0.45	1.4	<0.2	<0.2	7.4	<0.01	0.04	11.6	<0.005
1024	Soil	487	27.2	2.6	<0.01	0.03	0.51	0.7	<0.2	<0.2	5.6	<0.01	0.02	3.3	0.010
1025	Soil	529	17.5	3.4	<0.01	0.02	0.37	1.3	0.5	<0.2	14.0	<0.01	0.04	8.9	<0.005
1026	Soil	431	31.9	1.6	<0.01	0.03	0.67	0.9	0.3	<0.2	6.4	<0.01	0.04	10.2	<0.005
1027	Soil	969	17.6	3.6	<0.01	0.07	0.25	0.5	0.6	0.3	9.0	<0.01	0.02	1.5	<0.005
1028	Soil	539	25.6	2.0	<0.01	0.04	0.35	0.5	0.3	0.2	6.5	<0.01	0.01	1.6	0.015
1029	Soil	634	13.1	1.9	<0.01	0.06	0.19	0.4	<0.2	<0.2	4.7	<0.01	0.03	1.2	0.006
1030	Soil	308	17.4	1.4	<0.01	<0.01	0.80	1.9	<0.2	<0.2	12.1	<0.01	0.05	11.8	<0.005
1031	Soil	470	17.2	1.9	<0.01	0.03	0.97	0.9	<0.2	<0.2	8.8	<0.01	0.02	4.9	<0.005
1032	Soil	415	28.0	1.7	<0.01	0.02	1.75	1.7	<0.2	<0.2	14.6	<0.01	0.03	9.1	<0.005
1033	Soil	453	27.3	1.6	<0.01	0.03	1.11	1.0	<0.2	<0.2	10.9	<0.01	0.02	7.0	<0.005
1034	Soil	545	29.1	2.1	<0.01	0.03	0.78	0.7	0.2	<0.2	6.0	<0.01	0.03	6.5	<0.005
1035	Soil	741	33.5	2.5	<0.01	0.03	1.01	0.8	0.2	<0.2	5.2	<0.01	0.03	5.2	0.006

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7382	Soil	<0.05	1.46	50	0.16	1.57	109	3.8
7383	Soil	<0.05	0.88	22	0.15	1.76	55	0.6
7384	Soil	<0.05	0.73	29	0.07	2.03	94	2.3
7385	Soil	<0.05	0.65	29	0.09	2.79	84	2.2
7386	Soil	0.13	2.83	27	0.28	3.25	154	1.5
7387	Soil	0.17	1.18	9	0.76	1.07	100	0.7
7388	Soil	0.13	1.02	18	0.38	1.14	77	0.8
799	Soil	<0.05	1.32	18	0.15	1.10	50	1.2
800	Soil	<0.05	1.18	12	0.34	1.25	78	0.9
801	Soil	<0.05	0.67	33	0.51	1.44	70	0.7
802	Soil	<0.05	0.77	39	0.37	1.97	85	1.8
803	Soil	<0.05	0.82	28	0.41	1.41	61	1.6
804	Soil	<0.05	0.95	39	0.38	1.30	123	2.7
805	Soil	<0.05	0.77	35	0.78	1.55	92	3.0
806	Soil	<0.05	0.58	23	0.43	1.21	44	<0.5
807	Soil	<0.05	0.98	21	0.20	1.42	61	1.6
808	Soil	0.06	0.93	30	0.26	1.57	60	0.7
809	Soil	<0.05	0.48	24	0.27	0.92	54	0.8
810	Soil	<0.05	1.29	35	0.16	0.69	77	3.2
811	Soil	<0.05	0.83	36	0.16	0.75	79	2.5
812	Soil	<0.05	1.39	37	0.17	0.98	86	2.1
813	Soil	0.07	7.58	92	0.25	14.39	909	9.6
814	Soil	<0.05	1.62	23	0.52	1.76	247	1.5
815	Soil	<0.05	0.96	12	0.62	1.13	85	1.7
816	Soil	<0.05	0.78	43	0.20	0.78	79	1.6
817	Soil	<0.05	0.99	36	0.22	1.33	77	1.7
818	Soil	<0.05	1.42	22	0.35	1.41	116	1.8
819	Soil	<0.05	0.77	34	0.37	1.44	78	2.1
820	Soil	0.06	0.67	31	0.25	1.45	63	<0.5
821	Soil	<0.05	0.78	38	0.40	1.73	98	2.6
822	Soil	0.06	0.70	38	0.65	1.63	74	1.0
823	Soil	<0.05	0.75	33	0.17	1.54	91	1.6
824	Soil	<0.05	0.85	31	0.22	1.72	95	3.2
825	Soil	<0.05	1.02	30	0.18	1.69	96	2.6
826	Soil	<0.05	0.94	24	0.08	1.56	66	2.5
827	Soil	<0.05	0.92	36	0.30	1.95	99	2.2
828	Soil	<0.05	0.75	23	0.34	1.33	55	1.5
829	Soil	<0.05	1.09	39	0.25	1.66	105	3.1
830	Soil	<0.05	1.10	50	0.05	1.80	109	1.8
831	Soil	<0.05	1.13	36	0.28	2.70	98	1.4

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
832	Soil	<0.05	0.98	40	0.55	2.51	87	2.2
833	Soil	<0.05	0.98	25	0.44	1.69	82	1.3
834	Soil	0.06	1.32	31	0.46	2.40	92	1.2
835	Soil	<0.05	1.17	20	0.25	1.59	55	1.6
836	Soil	<0.05	1.13	28	0.29	1.83	66	0.9
837	Soil	<0.05	0.96	36	0.18	1.58	90	1.8
838	Soil	<0.05	1.59	32	0.15	2.05	108	1.0
839	Soil	<0.05	0.83	27	2.35	1.01	71	1.5
840	Soil	<0.05	0.71	29	0.26	1.63	81	2.1
841	Soil	<0.05	0.69	34	0.23	1.26	67	0.7
842	Soil	<0.05	0.85	40	0.36	1.67	93	1.6
843	Soil	<0.05	0.90	38	0.30	1.37	88	3.2
844	Soil	<0.05	0.85	30	0.21	1.19	76	1.8
845	Soil	<0.05	0.85	27	0.36	1.59	102	1.4
846	Soil	<0.05	1.69	15	0.75	4.89	198	0.5
847	Soil	<0.05	0.74	25	0.38	1.41	92	1.4
848	Soil	<0.05	1.12	19	0.43	1.68	88	1.3
974	Soil	0.05	1.48	32	0.60	3.96	89	2.0
975	Soil	<0.05	0.22	6	0.06	0.31	8	<0.5
976	Soil	<0.05	0.53	23	0.21	1.06	43	<0.5
977	Soil	<0.05	1.13	41	0.29	1.91	116	2.5
978	Soil	<0.05	0.55	22	0.23	1.07	50	0.8
979	Soil	<0.05	0.76	26	0.17	1.16	49	1.7
980	Soil	<0.05	0.58	15	0.41	0.84	30	0.7
981	Soil	<0.05	0.87	17	0.26	1.13	41	1.3
982	Soil	<0.05	0.74	12	0.13	0.78	18	0.9
983	Soil	<0.05	0.80	30	0.39	1.73	51	0.6
984	Soil	<0.05	0.33	12	0.18	0.83	9	<0.5
985	Soil	<0.05	0.33	9	0.10	1.22	7	0.9
986	Soil	<0.05	0.95	20	0.19	1.70	24	<0.5
987	Soil	<0.05	0.41	14	0.13	0.87	13	<0.5
988	Soil	<0.05	1.47	31	0.21	2.41	97	2.3
989	Soil	<0.05	0.39	12	0.24	0.65	28	0.5
990	Soil	<0.05	0.63	20	1.14	1.34	59	0.5
991	Soil	<0.05	0.45	24	0.47	0.88	39	<0.5
992	Soil	<0.05	0.62	28	1.63	1.29	66	1.0
993	Soil	<0.05	0.54	24	0.47	1.13	52	1.0
994	Soil	<0.05	0.49	22	0.18	0.76	42	1.6
995	Soil	<0.05	0.55	27	0.13	0.78	57	2.2
996	Soil	<0.05	0.67	44	0.09	1.27	92	3.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
997	Soil	0.06	1.50	24	0.24	0.71	81	3.3
998	Soil	<0.05	1.07	9	0.25	1.42	81	0.7
999	Soil	<0.05	0.47	12	0.18	0.67	19	<0.5
1000	Soil	<0.05	0.19	4	0.08	0.17	7	<0.5
1001	Soil	<0.05	0.57	17	0.11	1.25	24	1.3
1002	Soil	<0.05	0.55	16	0.05	1.25	22	3.7
1003	Soil	<0.05	0.62	19	0.10	1.70	27	0.9
1004	Soil	<0.05	0.89	21	0.07	3.14	44	4.1
1005	Soil	<0.05	1.23	33	0.06	4.21	67	1.5
1006	Soil	<0.05	0.62	18	0.06	0.86	22	1.7
1007	Soil	0.05	1.58	39	0.06	2.42	51	4.6
1008	Soil	<0.05	1.45	31	<0.05	2.17	73	4.9
1009	Soil	<0.05	1.13	23	0.07	3.61	65	1.5
1010	Soil	<0.05	1.22	32	0.08	2.48	78	2.5
1011	Soil	<0.05	1.20	29	0.07	3.14	61	3.5
1012	Soil	<0.05	1.21	31	0.08	3.32	63	2.9
1013	Soil	0.05	1.50	36	0.06	4.49	81	2.8
1014	Soil	0.05	1.43	41	0.08	4.45	82	1.1
1015	Soil	0.05	1.20	33	0.09	3.79	72	3.7
1016	Soil	<0.05	1.39	34	0.09	3.82	76	1.9
1017	Soil	<0.05	1.12	34	0.06	3.70	75	2.0
1018	Soil	<0.05	1.34	37	0.06	3.45	90	2.0
1019	Soil	<0.05	1.32	35	0.06	3.98	90	2.4
1020	Soil	0.05	1.45	31	<0.05	3.66	79	2.9
1021	Soil	<0.05	1.40	34	0.06	3.82	92	2.3
1022	Soil	0.05	1.41	34	<0.05	3.74	102	3.4
1023	Soil	<0.05	1.27	36	0.10	3.46	97	2.7
1024	Soil	<0.05	0.66	35	0.15	2.02	71	1.6
1025	Soil	<0.05	1.48	35	0.05	5.68	62	2.6
1026	Soil	<0.05	1.12	33	<0.05	3.28	65	5.1
1027	Soil	0.05	1.42	25	0.09	2.83	29	1.8
1028	Soil	<0.05	0.69	26	0.08	2.14	43	1.3
1029	Soil	<0.05	0.65	22	0.05	1.49	39	1.6
1030	Soil	<0.05	1.06	31	<0.05	5.63	63	4.5
1031	Soil	<0.05	1.17	16	<0.05	3.72	45	2.2
1032	Soil	<0.05	1.26	17	<0.05	7.22	77	4.8
1033	Soil	<0.05	1.06	21	<0.05	3.02	80	3.5
1034	Soil	<0.05	0.99	30	<0.05	1.85	84	4.5
1035	Soil	<0.05	0.93	35	0.07	2.26	85	3.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7382	Soil		0.21	2.13	31.9	14	0.60	0.56	0.04	0.13	11.92	14.6	31	3.85	53.7
7382 Dup			0.18	1.90	31.0	14	0.51	0.55	0.04	0.13	13.04	14.8	31	3.95	53.2
QCV1108-02093-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6269.5
810	Soil		0.11	1.70	33.7	22	0.27	0.74	<0.01	0.03	22.66	2.4	28	2.25	52.3
810 Dup			0.09	1.73	34.8	22	0.28	0.72	<0.01	0.03	23.82	2.4	29	2.27	52.7
QCV1108-02093-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6136.8
828	Soil		0.09	1.10	36.9	22	0.19	0.30	<0.01	0.08	11.94	8.0	15	0.98	23.3
828 Dup			0.09	1.20	38.9	23	0.22	0.31	<0.01	0.08	12.94	8.4	16	1.05	24.2
QCV1108-02093-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.36					8.73				21.3			>10000
846	Soil		0.22	0.76	680.3	23	0.42	0.28	0.01	0.23	16.09	28.7	9	1.10	13.1
846 Dup			0.23	0.75	690.4	23	0.49	0.27	0.01	0.23	15.46	28.9	9	1.11	13.1
QCV1108-02093-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.38					8.79				21.4			>10000
989	Soil		0.23	0.44	35.0	29	0.13	0.28	0.02	0.07	9.67	3.8	5	1.55	15.9
989 Dup			0.23	0.43	33.2	27	0.10	0.27	0.02	0.06	9.41	3.5	4	1.47	15.6
QCV1108-02093-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.47					8.79				21.2			>10000
1007	Soil		0.03	1.89	8.1	19	0.45	0.33	0.02	0.07	10.60	36.8	26	0.84	56.1
1007 Dup			0.03	1.97	8.3	20	0.41	0.34	0.02	0.08	11.24	39.2	27	0.87	56.2
QCV1108-02093-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.48					9.04				20.3			>10000
1025	Soil		0.07	1.65	8.6	35	0.48	0.40	0.18	0.12	8.42	17.8	25	0.93	29.3
1025 Dup			0.08	1.63	8.5	35	0.53	0.38	0.18	0.12	8.42	17.2	25	0.94	28.8
QCV1108-02093-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5808.6
7382	Soil	<0.005													
7382 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.292													
810	Soil	0.014													
810 Dup		0.022													

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11-360-06281-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
QCV1108-02094-0004-BLK		<0.005													
828	Soil	0.011													
828 Dup		0.025													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.350													
846	Soil	0.143													
846 Dup		0.155													
QCV1108-02094-0008-BLK		<0.005													
989	Soil	0.019													
989 Dup		0.018													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.799													
1007	Soil	0.006													
1007 Dup		0.008													
QCV1108-02094-0012-BLK		<0.005													
1025	Soil	<0.005													
1025 Dup		<0.005													
QCV1108-02094-0014-BLK		<0.005													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7382	Soil	4.94	6.44	<0.05	0.33	0.03	0.03	6.3	43.4	0.59	708	1.01	<0.01	0.68	28.1
7382 Dup		4.71	6.57	<0.05	0.22	0.02	0.03	7.0	42.0	0.60	699	1.04	<0.01	0.57	28.3
QCV1108-02093-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
810	Soil	4.29	5.56	<0.05	0.11	0.02	0.03	13.6	49.2	0.66	257	0.92	<0.01	0.13	27.4
810 Dup		4.70	5.80	<0.05	0.11	0.03	0.03	14.3	49.0	0.67	270	0.91	<0.01	0.12	27.8
QCV1108-02093-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
828	Soil	2.86	4.00	<0.05	0.19	0.02	0.02	6.2	20.9	0.31	219	0.50	0.01	0.36	19.8
828 Dup		2.98	4.13	<0.05	0.13	0.02	0.02	6.8	22.5	0.33	236	0.56	0.01	0.35	21.1
QCV1108-02093-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
846	Soil	5.36	2.03	<0.05	<0.02	0.02	0.02	8.0	5.4	0.08	1173	0.74	<0.01	0.16	58.7
846 Dup		5.41	2.03	<0.05	<0.02	0.02	0.02	7.7	5.4	0.07	1214	0.71	<0.01	0.15	59.6
QCV1108-02093-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
989	Soil	1.61	2.52	<0.05	0.06	0.01	0.02	5.3	1.1	0.02	67	0.74	0.01	0.32	7.9
989 Dup		1.59	2.34	<0.05	0.06	0.01	0.02	5.2	1.0	0.02	62	0.68	0.01	0.29	7.5
QCV1108-02093-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1007	Soil	3.80	5.33	0.06	0.20	0.02	0.02	5.4	44.8	0.72	343	0.77	0.01	0.31	37.2
1007 Dup		3.85	5.47	0.06	0.18	0.02	0.02	5.8	46.8	0.75	337	0.77	0.01	0.31	37.9
QCV1108-02093-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1025	Soil	3.19	4.42	0.06	0.16	0.02	0.03	4.4	38.7	0.59	601	0.94	0.01	0.17	29.1
1025 Dup		3.10	4.21	0.05	0.15	0.02	0.03	4.4	38.1	0.59	605	0.91	<0.01	0.16	27.6
QCV1108-02093-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7382	Soil	1726	53.3	3.4	<0.01	0.06	1.02	1.6	0.2	0.3	3.8	0.03	0.07	4.3	0.006
7382 Dup		1724	53.5	3.6	<0.01	0.06	0.99	1.1	0.3	0.2	3.9	0.02	0.06	3.6	0.006
QCV1108-02093-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
810	Soil	432	36.4	3.4	<0.01	0.04	4.22	1.3	0.2	<0.2	10.0	<0.01	0.17	14.0	<0.005
810 Dup		450	35.8	3.5	<0.01	0.04	4.31	1.3	0.4	<0.2	10.1	<0.01	0.16	14.0	<0.005
QCV1108-02093-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
828	Soil	805	20.1	2.5	<0.01	0.03	0.82	0.7	0.3	<0.2	2.8	<0.01	0.05	2.1	<0.005
828 Dup		848	19.7	2.6	<0.01	0.03	0.89	0.7	0.4	<0.2	2.9	<0.01	0.07	1.9	<0.005
QCV1108-02093-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.0				1.86		13.4	15.2					
846	Soil	605	25.1	3.7	<0.01	0.02	1.54	1.0	0.3	<0.2	3.0	<0.01	0.07	21.2	<0.005
846 Dup		592	26.5	3.8	<0.01	0.02	1.52	1.1	0.4	<0.2	3.3	<0.01	0.08	22.2	<0.005
QCV1108-02093-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.4				1.95		14.1	15.2					
989	Soil	639	9.2	3.5	<0.01	0.03	2.18	0.3	<0.2	0.3	4.1	<0.01	0.08	0.5	<0.005
989 Dup		630	8.8	3.4	<0.01	0.03	2.07	0.3	<0.2	0.3	4.0	<0.01	0.06	0.5	<0.005
QCV1108-02093-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.95		13.6	15.8					
1007	Soil	753	23.9	2.2	<0.01	0.05	0.54	0.8	0.3	<0.2	16.9	<0.01	0.04	4.6	<0.005
1007 Dup		742	24.1	2.3	<0.01	0.05	0.55	0.7	0.3	<0.2	16.9	<0.01	0.05	4.5	<0.005
QCV1108-02093-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.2				1.90		13.1	15.5					
1025	Soil	529	17.5	3.4	<0.01	0.02	0.37	1.3	0.5	<0.2	14.0	<0.01	0.04	8.9	<0.005
1025 Dup		523	17.0	3.3	<0.01	0.02	0.35	1.3	<0.2	<0.2	13.8	<0.01	0.02	6.9	<0.005
QCV1108-02093-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7382	Soil	<0.05	1.46	50	0.16	1.57	109	3.8
7382 Dup		<0.05	1.45	48	0.12	1.66	105	3.8
QCV1108-02093-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4853	
810	Soil	<0.05	1.29	35	0.16	0.69	77	3.2
810 Dup		<0.05	1.29	36	0.16	0.69	80	3.2
QCV1108-02093-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4997	
828	Soil	<0.05	0.75	23	0.34	1.33	55	1.5
828 Dup		<0.05	0.78	24	0.36	1.42	60	1.5
QCV1108-02093-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
846	Soil	<0.05	1.69	15	0.75	4.89	198	0.5
846 Dup		<0.05	1.67	16	0.70	4.97	196	0.6
QCV1108-02093-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
989	Soil	<0.05	0.39	12	0.24	0.65	28	0.5
989 Dup		<0.05	0.39	11	0.22	0.62	28	<0.5
QCV1108-02093-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
1007	Soil	0.05	1.58	39	0.06	2.42	51	4.6
1007 Dup		0.05	1.56	38	<0.05	2.47	52	4.5
QCV1108-02093-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
1025	Soil	<0.05	1.48	35	0.05	5.68	62	2.6
1025 Dup		<0.05	1.38	35	0.06	5.30	62	2.7
QCV1108-02093-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5042	

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Inspectorate Exploration & Mining Services Ltd.
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Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 4**
Description: **3 ACE**

Date Received: 09/01/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	164	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6001	Soil	0.006	0.06	1.42	14.3	29	0.44	0.29	0.04	0.07	29.98	28.2	17	0.64	24.8
6002	Soil	<0.005	0.05	1.09	14.2	44	0.30	0.32	0.05	0.09	22.94	10.2	14	0.76	24.3
6003	Soil	0.010	0.16	1.26	14.5	15	0.41	0.37	1.71	0.02	12.68	31.4	20	1.26	12.7
6004	Soil	<0.005	0.25	1.43	16.9	25	0.50	0.41	0.31	0.10	19.57	21.1	21	0.49	39.9
6005	Soil	<0.005	0.08	1.42	10.4	41	0.27	0.35	0.12	0.08	18.45	8.8	20	0.81	23.1
6006	Soil	<0.005	0.07	2.01	11.4	20	0.36	0.30	0.05	0.07	27.41	10.3	32	0.72	48.8
6007	Soil	<0.005	0.06	1.69	18.7	28	0.44	0.39	0.04	0.11	20.75	23.7	25	0.67	35.0
6008	Soil	<0.005	0.03	1.80	19.3	18	0.46	0.48	0.04	0.07	10.08	8.2	25	1.32	51.9
6009	Soil	0.005	0.11	1.30	37.4	26	0.66	0.50	0.19	0.14	14.03	31.8	17	0.69	43.1
6010	Soil	<0.005	0.08	1.77	26.1	23	0.41	0.32	0.03	0.10	17.39	15.3	24	0.69	27.5
6011	Soil	<0.005	0.09	1.81	16.5	38	0.53	0.38	0.07	0.14	19.33	15.0	29	0.81	33.7
6012	Soil	0.009	0.04	0.72	10.0	33	0.53	0.37	2.88	0.41	26.71	21.6	19	0.63	62.9
6013	Soil	0.032	0.03	1.44	13.2	29	0.38	0.17	0.26	0.19	17.94	18.8	31	0.50	31.2
6014	Soil	<0.005	0.05	1.43	0.7	31	0.53	0.11	0.10	0.05	27.90	16.4	32	2.54	96.4
6015	Soil	<0.005	0.04	0.77	0.9	27	0.46	0.13	0.03	0.04	30.12	8.3	27	1.57	26.7
6016	Soil	0.010	0.04	1.62	2.0	45	0.48	0.24	0.10	0.09	13.55	17.9	54	0.84	18.7
6017	Soil	0.007	0.08	2.31	84.6	31	0.59	0.49	0.12	0.09	18.86	25.9	37	1.34	94.4
6018	Soil	0.028	0.11	2.29	8.2	27	0.74	0.56	0.09	0.05	17.39	25.4	37	1.48	108.7
6019	Soil	<0.005	0.07	2.83	2.8	41	0.84	0.73	0.12	0.04	54.23	27.6	41	2.96	123.8
6020	Soil	<0.005	0.06	2.77	18.8	27	0.55	0.38	0.09	0.04	65.90	56.9	44	3.58	93.5
6021	Soil	<0.005	0.08	2.97	1.5	42	0.64	0.66	0.10	0.05	51.43	25.1	49	2.04	76.9
6022	Soil	0.013	0.02	1.57	1.9	31	0.44	0.21	0.04	0.07	26.98	15.9	31	0.88	9.0
6023	Soil	0.017	0.06	1.17	1.5	22	0.24	0.12	0.02	0.08	11.47	7.8	18	0.52	42.5
6024	Soil	0.009	0.03	1.13	0.8	29	0.65	0.13	0.15	0.04	33.59	20.3	28	1.19	64.2
6025	Soil	0.011	0.03	1.70	1.6	616	0.73	0.23	0.08	0.11	32.78	26.7	33	0.70	12.2
6026	Soil	0.062	0.05	0.47	18.6	33	0.55	0.21	3.71	0.16	19.33	25.2	25	0.64	14.0
6027	Soil	0.016	0.04	1.51	2.5	43	0.28	0.24	0.05	0.25	16.63	14.7	28	0.59	10.1
6028	Soil	0.010	0.08	1.56	13.9	31	0.25	0.40	0.04	0.17	19.62	10.7	25	0.68	22.8
6029	Soil	0.011	0.06	1.82	21.9	27	0.56	0.32	0.03	0.06	14.64	18.3	23	0.63	37.6
6030	Soil	0.009	0.05	1.64	12.6	30	0.26	0.44	0.03	0.12	20.97	10.4	25	0.79	23.4
6031	Soil	0.011	0.05	1.07	8.6	33	0.16	0.31	0.03	0.05	18.99	6.3	14	0.68	24.5
6032	Soil	0.010	0.05	1.55	15.3	32	0.34	0.38	0.05	0.12	23.80	14.6	20	0.52	28.0
6033	Soil	0.017	0.17	1.05	9.8	89	0.24	0.39	0.05	0.27	12.98	9.3	26	0.76	22.1
6034	Soil	0.013	0.09	0.99	10.5	34	0.23	0.43	0.04	0.11	14.55	7.6	19	0.80	19.7
6035	Soil	0.014	0.13	1.66	13.8	22	0.55	0.43	0.14	0.07	37.38	26.4	15	0.65	48.2
6036	Soil	0.016	0.06	1.58	8.8	34	0.27	0.38	0.03	0.12	15.05	8.9	25	0.82	23.7
6037	Soil	0.041	0.07	1.57	8.6	42	0.30	0.43	0.06	0.28	16.12	12.6	38	0.66	25.3
6038	Soil	0.030	0.07	1.34	7.9	44	0.26	0.44	0.06	0.24	14.70	10.5	31	0.73	23.1
6039	Soil	0.012	0.09	1.54	8.2	21	0.46	0.33	0.11	0.08	20.98	28.3	24	0.71	38.3
6040	Soil	0.014	0.10	1.60	9.3	16	0.56	0.37	0.18	0.05	18.49	32.3	22	0.69	42.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6041	Soil	0.008	0.06	1.96	5.5	19	0.68	0.40	0.28	0.02	15.53	25.0	28	1.00	54.6
6042	Soil	0.010	0.15	1.71	16.9	20	0.64	0.41	0.23	0.09	16.71	34.2	25	0.66	47.6
6043	Soil	0.005	0.10	1.59	18.1	22	0.57	0.41	0.13	0.09	17.36	24.4	22	0.66	43.0
6044	Soil	0.019	0.06	1.11	10.0	25	0.33	0.28	0.05	0.08	14.46	10.8	13	0.60	24.4
6045	Soil	0.017	0.07	1.80	10.9	20	0.49	0.31	0.08	0.07	19.87	23.0	26	0.75	39.7
6046	Soil	0.006	0.09	1.46	23.9	26	0.65	0.30	0.09	0.09	28.71	23.0	22	0.90	38.0
6047	Soil	0.024	0.10	1.58	18.1	22	0.49	0.30	0.12	0.10	20.49	23.9	25	0.63	35.5
6048	Soil	0.009	0.08	1.29	13.4	32	0.39	0.29	0.16	0.10	19.60	12.0	19	0.76	45.4
6049	Soil	0.019	0.18	0.79	33.4	31	0.48	0.30	1.68	0.59	26.69	17.8	26	0.35	57.1
6050	Soil	0.022	0.07	1.51	3.5	31	0.56	0.13	0.15	0.06	31.96	16.4	33	1.21	77.2
6051	Soil	0.036	0.07	1.43	2.0	21	0.46	0.10	0.08	0.10	15.35	12.7	26	0.30	100.1
6052	Soil	0.020	0.33	2.32	31.9	62	1.11	0.23	0.16	0.08	24.15	14.6	32	1.80	198.7
6053	Soil	0.036	0.09	1.97	10.0	32	0.88	0.86	0.10	0.06	20.91	21.4	35	1.68	118.5
6054	Soil	0.020	0.08	2.41	3.1	28	0.75	0.66	0.10	0.04	28.10	25.4	38	2.42	110.4
6055	Soil	0.065	0.08	2.75	16.3	28	0.51	0.62	0.12	0.07	48.90	30.3	45	1.55	64.6
6056	Soil	0.034	0.05	2.58	17.8	14	0.28	0.42	0.04	0.05	19.60	25.4	45	2.95	48.3
6057	Soil	0.020	0.06	2.51	25.2	25	0.51	0.46	0.12	0.06	26.52	30.1	42	1.92	70.5
6058	Soil	0.029	0.09	1.77	11.5	32	0.80	0.35	0.09	0.09	16.68	18.7	31	1.77	90.1
6059	Soil	0.081	0.13	1.74	36.6	31	0.68	0.25	0.07	0.11	16.50	11.2	25	0.76	81.9
6060	Soil	0.011	0.11	1.58	29.7	34	0.86	0.63	0.11	0.25	20.58	15.1	36	0.92	67.8
6061	Soil	0.089	0.04	1.58	2.4	35	0.61	0.23	0.18	0.08	32.38	15.1	40	1.11	25.7
6062	Soil	0.037	0.06	1.27	6.8	94	0.62	0.24	0.25	0.14	28.87	20.2	33	0.59	43.1
6063	Soil	0.078	0.08	1.39	8.6	43	0.49	0.38	0.40	0.32	31.86	17.0	24	0.47	66.1
6064	Soil	0.089	0.14	0.84	28.8	41	0.46	0.31	4.60	0.34	23.01	22.4	15	0.54	36.8
6065	Soil	<0.005	0.12	1.43	19.9	38	0.43	0.34	0.17	0.15	17.30	19.3	24	0.78	33.2
6066	Soil	<0.005	0.08	1.56	9.0	16	0.39	0.30	0.06	0.15	8.71	25.6	21	0.44	28.9
6067	Soil	0.005	0.06	1.45	17.3	27	0.39	0.35	0.03	0.13	14.87	17.9	20	0.59	28.5
6068	Soil	0.013	0.08	1.23	11.2	19	0.42	0.46	0.04	0.12	9.72	20.3	20	0.46	41.0
6069	Soil	0.029	0.14	0.78	20.6	26	0.40	0.44	0.16	0.11	27.64	22.4	13	0.58	40.7
6070	Soil	0.062	0.07	1.18	4.9	38	0.34	0.21	0.15	0.09	8.95	6.5	10	0.46	20.8
6071	Soil	0.032	0.07	1.66	9.8	23	0.55	0.43	0.13	0.11	25.79	20.9	23	0.64	43.1
6072	Soil	<0.005	0.05	1.65	17.8	29	0.69	0.48	0.08	0.07	21.25	27.9	21	0.91	29.5
6073	Soil	0.008	0.05	1.70	9.8	24	0.48	0.36	0.10	0.09	15.95	26.0	23	0.71	19.6
6074	Soil	0.051	0.05	1.67	4.8	20	0.55	0.29	0.19	0.07	17.79	23.7	24	0.90	18.1
6075	Soil	0.079	0.09	1.97	8.9	26	0.75	0.54	0.06	0.13	15.83	33.6	27	1.43	63.5
6076	Soil	0.083	0.32	1.65	113.9	26	0.19	0.58	0.01	0.10	19.85	10.7	25	1.19	26.2
6077	Soil	0.097	0.42	1.97	79.9	43	0.58	0.61	0.57	0.24	14.81	14.4	36	6.06	58.7
6078	Soil	0.019	0.10	1.27	21.2	33	0.41	0.43	1.34	0.21	16.18	16.0	19	0.85	37.0
6079	Soil	0.007	0.09	1.60	57.2	34	0.16	0.41	0.12	0.12	27.56	10.5	25	0.54	22.9
6080	Soil	0.007	0.08	1.92	77.0	27	0.18	0.42	0.08	0.10	29.53	11.9	31	0.92	26.4

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6081	Soil	0.007	0.12	1.17	46.2	32	0.24	0.34	0.01	0.10	22.15	7.5	17	0.83	19.4
6082	Soil	0.009	0.11	1.30	72.2	26	0.15	0.61	0.01	0.08	32.47	8.3	23	1.24	22.4
6083	Soil	0.008	0.26	0.63	22.7	29	0.13	0.20	0.02	0.15	12.28	3.9	7	0.57	10.5
6084	Soil	0.009	0.14	1.89	29.8	43	0.55	0.55	0.58	0.20	17.36	25.5	28	2.88	54.9
6085	Soil	0.009	0.13	1.61	33.4	55	0.45	0.48	0.38	0.17	15.18	13.5	23	2.80	35.3
6086	Soil	0.031	0.07	0.87	81.7	53	0.24	0.48	0.03	0.11	19.13	7.3	13	2.03	23.2
6087	Soil	0.009	0.06	0.82	34.2	54	0.27	0.42	0.02	0.09	17.21	6.9	14	1.96	19.7
6088	Soil	0.010	0.14	0.90	32.4	41	0.15	0.41	0.01	0.09	19.86	5.4	14	2.06	14.8
6089	Soil	0.010	0.07	1.17	36.2	60	0.18	0.62	0.02	0.11	26.76	8.6	18	0.63	22.7
6090	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
6091	Soil	0.006	0.05	0.95	21.3	31	0.21	0.16	0.03	0.06	12.72	2.5	7	0.96	11.5
6092	Soil	0.020	0.10	1.53	102.1	31	0.41	0.38	0.08	0.18	24.21	18.3	24	1.22	30.8
6093	Soil	0.007	0.06	1.49	25.4	32	0.22	0.43	0.02	0.16	20.47	7.3	21	1.77	16.4
6094	Soil	0.008	0.07	1.00	31.5	27	0.16	0.67	0.02	0.08	28.12	7.6	17	2.17	16.3
6095	Soil	<0.005	0.10	0.80	30.0	25	0.14	0.80	0.02	0.05	16.22	3.1	9	1.07	11.6
6096	Soil	0.006	0.07	0.67	43.4	22	0.14	0.26	0.03	0.09	15.20	3.7	10	1.10	17.0
6097	Soil	0.027	0.12	1.16	65.5	30	0.23	0.45	0.03	0.14	25.98	6.4	22	1.62	21.7
6098	Soil	0.089	0.09	1.28	137.8	38	0.28	0.32	0.05	0.16	25.69	7.3	17	1.66	23.0
6099	Soil	0.045	0.04	0.27	68.1	19	0.19	0.38	<0.01	0.12	17.86	8.6	8	1.28	31.8
6100	Soil	0.045	0.36	0.99	291.5	26	0.30	0.31	0.03	0.68	19.28	5.6	10	2.46	30.5
6101	Soil	0.172	0.12	0.57	776.5	42	0.13	0.30	0.01	0.26	19.20	5.4	7	1.09	18.1
6102	Soil	0.350	0.32	0.24	2599.4	40	0.16	0.44	0.01	0.54	13.46	5.6	6	2.14	24.0
6103	Soil	0.186	0.32	0.48	774.1	39	0.10	0.30	<0.01	0.51	14.18	3.0	12	1.92	15.9
6104	Soil	0.012	0.05	0.22	99.8	14	0.07	0.24	<0.01	0.11	11.62	6.7	6	0.69	23.4
6105	Soil	0.013	0.14	0.24	281.4	17	0.10	0.25	0.01	0.50	12.12	5.6	10	0.75	17.2
6106	Soil	0.011	0.21	0.34	102.1	24	0.13	0.46	0.01	0.41	14.69	9.8	9	1.04	26.2
6107	Soil	0.058	0.37	0.24	182.8	17	0.10	2.06	<0.01	0.34	16.90	10.2	11	0.70	29.1
6108	Soil	0.258	1.90	0.21	372.2	30	0.07	0.42	0.02	0.86	7.48	3.5	10	0.51	12.8
6109	Soil	0.028	0.49	0.84	502.6	33	0.19	0.57	0.02	0.38	23.48	10.3	19	0.78	27.9
6110	Soil	0.203	0.32	0.30	1261.3	35	0.19	0.49	0.01	0.44	16.63	9.4	15	1.05	32.3
6111	Soil	0.284	0.29	0.46	1415.6	38	0.22	0.51	0.04	0.43	17.99	8.0	11	1.08	26.8
6112	Soil	0.010	0.10	1.69	69.9	14	0.29	0.33	0.10	0.07	15.49	12.9	28	0.83	28.5
6113	Soil	0.040	0.90	0.49	207.5	18	0.11	3.31	0.01	1.61	21.03	10.2	13	0.81	37.7
6114	Soil	<0.005	0.25	1.03	31.3	23	0.22	0.39	0.03	0.23	9.51	5.4	14	1.64	27.7
6115	Soil	0.013	0.33	2.18	50.3	34	0.49	1.08	0.03	0.12	23.55	9.4	30	3.28	53.5
6116	Soil	0.005	0.23	1.78	59.4	25	0.23	0.49	0.02	0.19	31.59	9.6	27	1.52	41.0
6117	Soil	0.009	0.23	2.69	30.3	16	0.47	0.54	0.06	0.14	31.74	21.0	42	2.45	80.2
6118	Soil	<0.005	0.17	2.45	21.0	29	0.59	0.39	0.05	0.17	28.22	31.9	36	3.26	83.2
6119	Soil	<0.005	0.06	2.10	24.9	31	0.21	0.61	0.02	0.21	28.11	13.9	34	2.98	43.0
6120	Soil	<0.005	0.06	2.30	30.9	38	0.47	0.78	0.12	0.14	22.76	24.6	37	1.49	50.6

NS = No Sample

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6121	Soil	<0.005	0.12	1.65	28.7	41	0.32	0.64	0.02	0.09	27.53	11.3	25	3.23	45.4
6122	Soil	<0.005	0.20	2.54	33.1	23	0.21	0.59	0.02	0.07	34.55	15.0	39	2.27	49.1
6123	Soil	<0.005	0.11	2.22	17.2	39	0.29	0.44	0.02	0.07	47.40	16.7	34	3.06	44.8
6124	Soil	<0.005	0.06	2.67	36.2	33	0.36	0.48	0.02	0.13	38.00	15.1	39	1.34	38.9
6125	Soil	0.006	0.25	1.78	34.3	64	0.38	0.44	0.75	0.21	18.32	13.4	23	1.73	33.9
6126	Soil	0.010	0.05	2.22	58.6	24	0.26	0.38	0.07	0.10	32.42	20.1	37	0.87	28.2
6127	Soil	0.006	0.11	0.79	21.4	16	0.20	0.14	0.05	0.13	12.19	6.6	11	0.76	12.2
6128	Soil	0.007	0.08	2.04	97.7	36	0.41	0.41	0.20	0.13	16.22	15.3	30	2.32	31.9
6129	Soil	0.007	0.15	1.67	52.9	38	0.25	0.40	0.06	0.21	24.09	18.1	31	1.08	26.9
6130	Soil	0.005	0.14	1.56	44.5	32	0.18	0.40	0.05	0.14	27.54	12.5	27	0.97	24.2
6131	Soil	0.016	0.05	1.91	74.4	24	0.21	0.42	0.02	0.12	37.20	13.0	31	0.62	31.5
6132	Soil	0.056	0.12	1.80	103.2	24	0.20	0.44	0.02	0.15	32.74	12.4	30	1.27	25.6
6133	Soil	0.052	0.08	2.16	190.8	26	0.42	0.45	0.04	0.17	39.26	22.8	34	1.34	43.2
6134	Soil	0.018	0.07	1.62	123.7	22	0.22	0.43	0.02	0.13	36.69	13.5	26	1.14	32.2
6135	Soil	<0.005	0.10	1.44	48.6	37	0.20	0.42	0.02	0.15	35.92	8.6	20	0.93	21.5
6136	Soil	0.024	0.09	0.48	8.6	55	0.12	0.10	0.09	2.11	9.37	3.6	7	0.87	7.4
6137	Soil	0.038	0.12	1.58	36.3	30	0.42	0.54	0.07	0.33	22.86	34.1	31	3.52	51.4
6138	Soil	0.030	0.38	0.74	34.6	33	0.17	0.22	0.03	0.13	15.52	6.2	15	1.71	19.2
6139	Soil	0.039	0.12	2.10	172.3	22	0.27	0.51	0.02	0.10	51.49	13.5	32	1.20	37.8
6140	Soil	0.036	0.33	2.22	180.6	23	0.22	0.55	<0.01	0.11	40.12	14.9	36	1.40	33.6
6141	Soil	0.010	0.22	1.19	53.3	30	0.17	0.30	0.01	0.09	29.65	6.3	17	1.68	22.9
6142	Soil	0.010	0.11	1.12	63.3	22	0.15	0.34	0.01	0.06	21.50	7.3	17	1.05	21.8
6143	Soil	0.091	0.24	1.63	39.0	17	0.22	0.38	0.02	0.11	25.71	13.9	27	1.64	29.5
6144	Soil	0.034	0.13	1.85	129.2	32	0.33	0.64	0.04	0.09	45.06	21.1	32	2.76	52.2
6145	Soil	0.034	0.28	0.68	150.4	24	0.36	0.30	0.01	0.11	27.18	13.7	12	2.44	39.0
6146	Soil	0.006	0.07	0.38	14.9	8	0.08	0.10	0.02	0.08	7.36	3.5	9	1.07	8.9
6147	Soil	0.423	1.19	1.66	2149.6	62	0.35	0.57	0.04	0.70	37.24	21.8	27	1.53	34.7
6148	Soil	0.020	0.11	1.86	162.8	36	0.22	0.47	0.02	0.12	39.65	13.8	29	1.02	29.9
6149	Soil	0.006	0.06	0.61	45.3	19	0.09	0.15	0.02	0.07	18.68	2.8	9	0.61	8.4
6150	Soil	0.037	0.16	1.95	251.6	28	0.29	0.49	0.02	0.21	41.66	13.7	28	1.39	30.1
6151	Soil	0.059	0.19	0.91	269.5	24	0.16	0.40	0.01	0.16	25.32	6.8	14	1.65	19.9
6152	Soil	0.088	0.12	0.60	297.5	27	0.14	0.34	0.03	0.83	18.42	6.4	22	0.87	20.8
6153	Soil	0.031	0.05	1.52	277.1	38	0.27	0.54	0.06	0.20	31.62	11.5	25	1.10	30.7
6154	Soil	0.020	0.29	1.69	120.9	49	0.79	0.48	0.20	0.32	36.91	20.5	22	1.60	40.2
6155	Soil	0.011	0.08	0.40	17.6	14	0.14	0.14	0.27	0.14	8.90	3.1	6	0.82	8.2
6156	Soil	0.028	0.08	1.96	122.5	24	0.46	0.51	0.17	0.22	33.73	21.5	31	1.31	38.0
6157	Soil	0.022	0.13	2.16	72.0	24	0.47	0.48	0.20	0.13	32.77	16.6	33	1.99	35.4
6158	Soil	0.005	0.06	1.75	36.3	23	0.33	0.45	0.05	0.12	43.58	14.5	30	1.11	33.0
6159	Soil	<0.005	0.08	1.17	27.1	17	0.19	0.26	0.02	0.07	20.11	6.8	18	1.73	16.3
6160	Soil	0.007	0.09	2.22	46.8	43	0.39	0.43	0.06	0.12	29.78	14.2	32	1.69	27.0

NS = No Sample

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6161	Soil	<0.005	0.36	1.40	34.1	43	0.38	0.55	0.03	0.30	33.04	11.4	24	2.38	36.8
6162	Soil	0.006	0.21	1.41	27.5	31	0.21	0.42	0.01	0.14	41.86	7.8	21	1.56	24.6
6163	Soil	0.007	0.09	2.12	54.1	25	0.24	0.59	0.04	0.10	34.04	12.4	36	1.50	28.8
6164	Soil	0.006	0.09	1.66	28.2	25	0.18	0.54	0.02	0.16	35.79	9.1	28	1.68	29.8

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6001	Soil	2.86	3.51	<0.05	0.22	0.03	0.02	12.6	28.6	0.46	925	0.60	<0.01	0.31	27.1
6002	Soil	2.29	4.00	<0.05	0.10	0.02	0.03	10.8	13.9	0.27	439	0.83	<0.01	0.44	16.5
6003	Soil	3.29	3.08	<0.05	0.37	0.03	0.03	5.1	24.9	0.58	707	0.70	<0.01	0.05	35.6
6004	Soil	3.94	3.74	<0.05	0.18	0.03	0.02	8.6	29.6	0.60	587	0.55	<0.01	0.15	42.2
6005	Soil	2.69	4.61	<0.05	0.08	0.02	0.03	9.3	25.9	0.47	247	0.47	<0.01	0.34	22.5
6006	Soil	4.21	6.00	<0.05	0.07	0.01	0.02	14.9	49.9	0.81	344	0.66	<0.01	0.07	38.1
6007	Soil	3.51	4.75	<0.05	0.13	0.02	0.02	9.4	38.7	0.64	489	0.69	<0.01	0.40	34.1
6008	Soil	3.54	5.17	<0.05	0.07	0.02	0.02	5.5	45.2	0.75	199	0.32	<0.01	<0.05	34.2
6009	Soil	3.19	3.39	<0.05	0.11	0.02	0.03	7.5	22.2	0.52	1235	0.61	<0.01	0.07	35.5
6010	Soil	3.67	4.70	<0.05	0.11	0.02	0.03	8.6	31.4	0.58	717	1.02	<0.01	0.21	29.6
6011	Soil	3.34	5.11	<0.05	0.11	0.02	0.04	9.6	29.1	0.57	916	0.92	<0.01	0.43	28.2
6012	Soil	2.94	1.79	<0.05	0.15	0.02	0.03	13.5	15.0	1.38	632	1.15	<0.01	0.10	44.9
6013	Soil	3.39	3.59	<0.05	0.11	0.02	0.02	8.5	39.4	0.94	599	0.89	<0.01	0.16	39.2
6014	Soil	2.84	3.92	<0.05	0.06	0.01	0.03	14.1	45.2	0.98	468	0.32	<0.01	0.13	37.4
6015	Soil	2.58	1.99	<0.05	0.03	0.01	0.04	15.7	15.9	0.37	221	0.15	<0.01	0.11	22.8
6016	Soil	2.78	4.59	<0.05	0.11	0.01	0.03	6.1	55.5	1.14	715	0.76	<0.01	0.17	51.1
6017	Soil	4.19	6.74	<0.05	0.13	0.01	0.03	8.8	53.7	1.13	1010	0.47	<0.01	0.05	46.7
6018	Soil	4.60	7.41	<0.05	0.13	0.01	0.02	7.8	67.6	1.22	789	4.78	<0.01	0.06	52.2
6019	Soil	4.90	9.63	0.07	0.10	0.02	0.02	27.9	89.5	1.45	1072	3.35	<0.01	<0.05	59.9
6020	Soil	4.85	9.32	0.08	0.19	0.02	0.02	35.0	88.2	1.32	743	0.41	<0.01	<0.05	53.7
6021	Soil	5.08	9.87	0.06	0.06	0.02	0.02	27.9	98.8	1.46	1115	1.99	<0.01	<0.05	57.6
6022	Soil	2.84	4.60	<0.05	0.07	<0.01	0.02	12.6	62.6	1.17	603	0.50	<0.01	0.16	41.9
6023	Soil	1.51	3.70	<0.05	0.05	<0.01	0.03	5.4	34.1	0.67	278	0.53	0.01	0.28	20.2
6024	Soil	2.84	3.26	<0.05	0.09	0.02	0.03	16.7	46.4	0.93	539	0.24	<0.01	0.06	41.0
6025	Soil	3.14	5.16	<0.05	0.05	0.02	0.02	13.8	47.3	1.07	1492	0.30	<0.01	0.43	54.7
6026	Soil	2.37	1.22	<0.05	0.07	0.02	0.02	8.7	12.3	1.56	1420	1.04	<0.01	0.11	54.4
6027	Soil	2.87	5.34	<0.05	0.05	0.01	0.03	8.8	31.1	0.60	2084	1.38	0.01	0.32	26.5
6028	Soil	3.77	6.45	<0.05	0.04	0.02	0.04	9.5	30.0	0.57	600	0.87	<0.01	0.51	25.2
6029	Soil	3.38	4.84	<0.05	0.18	0.02	0.02	6.8	40.4	0.63	518	0.58	<0.01	0.13	32.7
6030	Soil	3.43	6.44	<0.05	0.04	0.02	0.03	10.5	33.3	0.54	405	1.01	<0.01	0.70	23.9
6031	Soil	2.16	4.25	<0.05	0.03	0.01	0.04	9.7	17.7	0.35	200	0.60	0.01	0.28	14.8
6032	Soil	3.56	4.70	<0.05	0.05	0.02	0.03	10.7	35.7	0.60	452	0.79	<0.01	0.39	28.8
6033	Soil	2.80	4.67	<0.05	0.03	0.02	0.04	6.2	13.8	0.30	916	1.82	<0.01	0.39	21.2
6034	Soil	2.73	5.41	<0.05	0.03	0.02	0.04	7.0	13.6	0.27	268	1.23	<0.01	0.71	16.1
6035	Soil	3.49	4.87	<0.05	1.26	0.03	0.02	17.8	49.0	0.77	1031	0.56	<0.01	0.07	42.6
6036	Soil	3.41	6.16	<0.05	0.64	0.02	0.05	7.1	23.4	0.44	602	1.24	<0.01	0.49	21.0
6037	Soil	3.47	6.26	<0.05	0.29	0.02	0.05	7.5	31.5	0.55	468	2.46	<0.01	0.58	34.1
6038	Soil	3.43	6.61	<0.05	0.13	0.02	0.04	7.0	22.5	0.43	458	2.19	<0.01	0.61	26.4
6039	Soil	3.25	4.75	<0.05	0.09	0.01	0.02	9.9	43.0	0.68	494	0.90	<0.01	0.11	36.1
6040	Soil	3.39	4.79	<0.05	0.15	0.01	0.02	8.6	49.6	0.77	853	0.60	<0.01	0.06	36.7

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
Vol 6-349
Buchanan et al., 2011

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Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

Vol 6-350

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6041	Soil	3.93	5.31	<0.05	0.21	0.01	0.03	7.6	56.9	0.93	464	0.48	<0.01	0.06	39.8
6042	Soil	3.68	4.57	<0.05	0.25	0.02	0.02	8.5	48.6	0.78	1315	1.02	<0.01	0.08	37.8
6043	Soil	3.25	4.19	<0.05	0.17	0.02	0.02	8.9	46.2	0.77	1168	0.82	<0.01	0.07	36.5
6044	Soil	2.32	3.50	<0.05	0.09	0.01	0.02	6.6	24.1	0.39	539	0.54	0.01	0.25	17.8
6045	Soil	3.54	5.08	<0.05	0.08	0.01	0.03	9.9	51.8	0.73	477	0.72	<0.01	0.13	34.0
6046	Soil	3.05	4.27	0.05	0.13	0.02	0.03	14.0	36.4	0.56	856	0.64	<0.01	0.09	34.8
6047	Soil	3.31	4.70	0.06	0.08	0.01	0.02	10.0	45.3	0.67	657	0.73	<0.01	0.09	35.9
6048	Soil	2.43	3.53	<0.05	0.09	0.02	0.03	10.2	26.9	0.48	744	0.83	0.01	0.27	25.0
6049	Soil	3.01	1.98	<0.05	0.11	0.03	0.03	13.1	16.9	0.95	1056	2.97	<0.01	0.10	43.1
6050	Soil	2.94	4.00	0.05	0.07	0.01	0.03	15.4	53.0	1.07	632	0.38	<0.01	0.07	39.3
6051	Soil	2.17	3.73	<0.05	0.13	<0.01	0.02	6.6	55.8	1.01	660	0.94	<0.01	0.16	32.5
6052	Soil	3.08	6.54	<0.05	0.14	0.02	0.03	11.1	87.1	1.51	1669	0.62	<0.01	0.07	31.6
6053	Soil	4.10	5.91	0.06	0.21	0.01	0.02	9.6	72.0	1.07	740	1.45	<0.01	0.06	50.2
6054	Soil	4.30	7.56	0.06	0.13	0.01	0.02	13.4	83.8	1.21	834	1.20	<0.01	0.06	50.5
6055	Soil	4.73	8.48	0.06	0.08	0.02	0.02	27.1	94.9	1.32	1055	0.70	<0.01	<0.05	53.7
6056	Soil	4.73	8.60	0.07	0.22	0.02	0.01	7.3	79.2	1.21	681	0.59	<0.01	<0.05	47.5
6057	Soil	4.57	8.28	0.08	0.30	0.02	0.02	13.2	88.2	1.21	959	0.79	<0.01	<0.05	51.2
6058	Soil	3.46	4.78	0.07	0.09	0.01	0.02	7.3	60.1	0.94	810	0.77	<0.01	0.08	43.4
6059	Soil	2.43	4.85	0.06	0.11	0.02	0.02	7.0	56.2	1.03	1343	0.85	0.01	0.21	23.4
6060	Soil	2.96	4.47	0.07	0.07	0.01	0.02	9.1	66.6	1.08	1376	1.95	<0.01	0.08	39.4
6061	Soil	2.85	4.34	0.07	0.05	0.01	0.02	15.5	65.9	1.15	638	0.41	<0.01	0.11	43.6
6062	Soil	3.27	3.46	0.07	0.11	0.02	0.02	13.4	46.7	0.94	722	0.62	<0.01	0.14	49.0
6063	Soil	2.85	3.73	0.06	0.11	0.02	0.02	15.7	42.8	0.83	1760	1.04	<0.01	0.11	33.7
6064	Soil	2.15	2.18	<0.05	0.08	0.02	0.02	11.3	19.2	0.72	1131	0.80	<0.01	0.11	31.5
6065	Soil	2.77	4.13	<0.05	0.05	0.02	0.03	8.5	26.6	0.49	832	0.95	0.01	0.43	34.9
6066	Soil	2.63	4.12	<0.05	0.18	0.01	0.03	4.2	36.9	0.54	853	0.75	0.01	0.21	25.2
6067	Soil	2.93	4.09	<0.05	0.09	0.02	0.03	6.8	33.4	0.53	766	0.84	<0.01	0.20	28.2
6068	Soil	3.20	3.38	<0.05	0.14	0.01	0.03	5.0	28.6	0.43	429	0.77	<0.01	0.14	33.6
6069	Soil	3.10	2.29	<0.05	1.42	0.02	0.02	13.7	19.4	0.31	881	0.96	<0.01	0.10	35.8
6070	Soil	1.66	3.08	<0.05	0.78	0.01	0.03	5.2	18.5	0.31	396	0.62	0.02	0.41	13.9
6071	Soil	3.59	4.76	<0.05	0.21	0.02	0.02	14.1	52.3	0.80	788	0.80	<0.01	0.15	36.1
6072	Soil	3.46	5.00	<0.05	0.16	0.02	0.03	10.2	49.3	0.77	1045	0.78	<0.01	0.18	32.2
6073	Soil	3.19	4.85	<0.05	0.21	0.02	0.02	7.6	45.8	0.69	762	0.92	<0.01	0.14	30.5
6074	Soil	3.21	4.98	<0.05	0.11	0.01	0.02	8.1	47.7	0.74	761	0.61	<0.01	0.06	31.4
6075	Soil	3.95	5.57	<0.05	0.08	0.02	0.02	7.9	57.5	0.78	596	0.99	<0.01	0.07	41.2
6076	Soil	4.05	7.04	<0.05	0.10	0.02	0.03	11.0	42.3	0.62	486	0.97	<0.01	0.51	27.9
6077	Soil	4.04	5.98	<0.05	0.19	0.03	0.03	9.4	55.8	0.74	676	1.20	<0.01	0.38	34.8
6078	Soil	2.94	3.41	<0.05	0.31	0.03	0.03	8.2	35.4	0.65	696	1.05	<0.01	0.15	35.3
6079	Soil	3.42	6.54	<0.05	0.05	0.01	0.03	14.7	35.3	0.63	372	1.00	<0.01	0.26	28.2
6080	Soil	4.51	7.08	<0.05	0.18	0.02	0.03	15.8	42.3	0.70	446	0.84	<0.01	0.46	30.6

NS = No Sample

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6081	Soil	2.89	4.39	<0.05	0.08	0.02	0.03	12.0	22.5	0.35	225	0.79	<0.01	0.39	19.5
6082	Soil	4.59	7.56	0.05	0.05	0.02	0.03	18.3	22.6	0.33	389	1.18	<0.01	1.33	18.8
6083	Soil	1.10	3.37	<0.05	0.09	<0.01	0.02	7.0	6.6	0.08	121	0.85	0.01	0.20	7.5
6084	Soil	3.50	4.90	<0.05	0.26	0.02	0.03	9.6	58.3	0.82	864	1.14	<0.01	0.24	40.6
6085	Soil	2.93	4.40	<0.05	0.19	0.02	0.03	8.5	43.3	0.58	544	0.91	<0.01	0.35	30.4
6086	Soil	2.08	4.47	<0.05	0.05	0.02	0.04	10.4	11.1	0.19	315	0.97	<0.01	0.29	14.2
6087	Soil	1.88	3.29	<0.05	0.03	0.02	0.03	9.8	13.1	0.20	291	0.70	<0.01	0.24	15.0
6088	Soil	1.96	3.90	<0.05	0.03	0.02	0.04	11.2	11.6	0.19	247	0.89	<0.01	0.26	12.6
6089	Soil	3.89	8.04	<0.05	0.02	0.02	0.03	13.5	9.9	0.19	318	1.20	<0.01	0.71	15.2
6090	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
6091	Soil	1.06	2.90	<0.05	0.05	<0.01	0.03	6.5	6.6	0.12	64	0.61	0.02	0.45	6.4
6092	Soil	3.20	4.22	<0.05	0.08	0.02	0.03	11.7	34.1	0.54	678	0.95	<0.01	0.68	32.0
6093	Soil	2.87	5.73	<0.05	0.03	0.01	0.03	11.3	29.2	0.45	315	1.21	<0.01	0.61	19.2
6094	Soil	2.80	6.69	<0.05	<0.02	0.01	0.03	15.3	15.8	0.24	321	1.12	<0.01	0.89	13.1
6095	Soil	1.98	4.39	<0.05	0.02	0.01	0.03	8.9	7.1	0.12	224	0.96	0.01	0.48	6.5
6096	Soil	1.68	4.13	<0.05	0.04	0.01	0.03	8.0	2.7	0.07	86	1.45	0.02	0.75	10.2
6097	Soil	2.69	5.68	<0.05	0.08	0.02	0.05	13.3	10.2	0.27	154	1.87	0.01	0.95	17.6
6098	Soil	2.47	3.95	<0.05	0.05	0.02	0.05	12.5	16.1	0.35	199	1.24	0.01	0.75	19.4
6099	Soil	1.82	1.52	<0.05	<0.02	0.01	0.03	10.5	1.4	0.04	194	0.60	<0.01	0.16	18.7
6100	Soil	1.75	2.50	<0.05	0.04	0.03	0.04	10.3	11.3	0.17	115	0.78	<0.01	0.28	14.6
6101	Soil	1.70	2.59	<0.05	0.03	0.02	0.04	10.0	2.3	0.04	125	0.88	<0.01	0.43	10.7
6102	Soil	1.83	0.86	0.06	0.03	0.02	0.04	7.3	1.3	0.01	110	0.68	<0.01	0.07	10.3
6103	Soil	1.61	2.01	<0.05	1.84	0.02	0.04	7.6	3.1	0.04	52	1.31	<0.01	0.40	11.6
6104	Soil	1.23	1.49	<0.05	0.19	<0.01	0.02	6.9	0.3	0.01	93	0.43	<0.01	0.15	14.2
6105	Soil	1.54	1.97	<0.05	0.18	0.01	0.02	6.6	2.1	0.04	111	1.25	0.01	0.32	15.9
6106	Soil	1.80	2.60	<0.05	0.11	0.01	0.03	8.1	1.9	0.03	385	0.64	<0.01	0.24	18.8
6107	Soil	2.26	2.40	<0.05	0.06	0.08	0.02	9.4	0.6	0.02	364	0.87	<0.01	0.17	23.5
6108	Soil	0.94	1.24	<0.05	0.09	0.04	0.02	4.1	0.9	0.02	394	1.08	0.01	0.11	10.7
6109	Soil	3.53	3.80	0.07	0.06	0.02	0.03	12.4	13.8	0.23	554	1.19	<0.01	0.53	24.9
6110	Soil	2.32	1.90	0.06	0.05	0.03	0.04	9.2	1.9	0.04	196	1.47	<0.01	0.19	24.5
6111	Soil	2.66	1.96	0.06	0.07	0.03	0.04	9.9	6.3	0.10	164	0.91	<0.01	0.17	18.6
6112	Soil	3.24	4.84	0.06	0.12	0.02	0.01	7.7	50.8	0.82	448	0.39	<0.01	0.13	31.8
6113	Soil	2.97	3.47	0.05	0.04	0.15	0.02	11.8	5.3	0.08	267	0.80	<0.01	0.39	24.2
6114	Soil	2.21	4.33	0.06	0.23	0.02	0.03	5.3	22.2	0.33	212	0.53	0.01	0.38	14.6
6115	Soil	4.76	7.54	0.07	0.13	0.04	0.03	13.9	52.4	0.80	557	1.23	0.01	0.44	29.6
6116	Soil	3.72	7.03	0.07	0.05	0.03	0.02	18.3	40.9	0.62	393	0.91	<0.01	0.50	26.2
6117	Soil	5.20	7.17	0.08	0.12	0.03	0.02	17.9	74.0	1.07	796	1.00	<0.01	0.19	43.1
6118	Soil	4.41	6.32	0.08	0.18	0.03	0.02	15.7	65.7	0.93	893	0.99	<0.01	0.16	40.7
6119	Soil	4.16	7.61	0.06	0.09	0.02	0.03	16.1	55.1	0.91	523	1.25	<0.01	0.36	34.7
6120	Soil	4.51	6.88	0.08	0.17	0.02	0.02	12.9	72.0	1.03	1028	0.80	<0.01	0.14	43.3

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6121	Soil	3.55	6.67	0.06	0.06	0.03	0.03	14.8	37.0	0.57	451	0.94	<0.01	0.60	22.6
6122	Soil	5.19	8.27	0.08	0.14	0.03	0.02	19.4	63.9	1.03	576	0.87	<0.01	0.32	37.5
6123	Soil	4.47	8.55	0.07	0.04	0.02	0.03	26.7	60.3	0.93	516	0.69	<0.01	0.57	35.8
6124	Soil	5.02	7.24	0.09	0.13	0.03	0.02	20.9	69.7	1.04	609	0.68	<0.01	0.27	39.2
6125	Soil	3.39	5.28	0.05	0.14	0.03	0.03	10.0	35.7	0.52	1460	0.64	0.01	0.36	26.8
6126	Soil	4.23	7.00	0.07	0.07	0.02	0.02	16.1	64.0	1.00	1297	0.89	<0.01	0.31	38.2
6127	Soil	1.50	3.00	<0.05	0.04	<0.01	0.02	6.3	18.3	0.27	325	0.40	0.02	0.28	11.7
6128	Soil	3.64	5.76	0.06	0.17	0.02	0.03	8.3	55.7	0.86	876	0.97	<0.01	0.27	34.2
6129	Soil	3.78	6.57	0.08	0.05	0.02	0.03	12.2	45.3	0.71	1228	1.23	<0.01	0.48	31.3
6130	Soil	3.76	7.34	0.06	0.03	0.02	0.03	14.1	36.0	0.59	860	0.93	<0.01	0.55	24.9
6131	Soil	4.26	7.08	0.07	0.10	0.02	0.02	19.1	53.1	0.85	535	0.89	<0.01	0.48	34.7
6132	Soil	4.57	6.95	0.07	0.05	0.02	0.03	17.2	45.3	0.75	691	0.95	<0.01	0.79	29.3
6133	Soil	4.61	6.61	0.08	0.08	0.03	0.02	20.0	64.4	0.93	1150	0.82	<0.01	0.30	42.1
6134	Soil	3.91	6.47	0.07	0.04	0.03	0.02	19.3	44.1	0.64	615	0.84	<0.01	0.46	29.8
6135	Soil	3.63	7.51	0.06	0.04	0.02	0.02	19.2	29.3	0.41	505	0.80	<0.01	0.71	18.6
6136	Soil	0.83	2.75	<0.05	0.03	<0.01	0.03	4.5	4.9	0.06	1281	0.64	0.02	0.20	7.3
6137	Soil	4.08	5.75	0.07	1.35	0.02	0.03	11.7	32.4	0.61	1890	1.65	0.01	0.30	35.6
6138	Soil	1.69	3.42	<0.05	0.68	0.01	0.03	8.1	12.7	0.22	519	0.83	0.01	0.24	13.3
6139	Soil	4.42	6.55	0.08	0.16	0.03	0.02	26.4	49.9	0.89	565	0.92	<0.01	0.46	37.7
6140	Soil	4.94	6.75	0.08	0.14	0.03	0.02	19.4	47.1	0.90	710	0.86	<0.01	0.33	38.0
6141	Soil	2.49	5.32	0.06	0.15	0.01	0.03	15.3	20.2	0.37	276	0.81	0.01	0.31	16.6
6142	Soil	2.66	4.55	0.06	0.12	0.02	0.02	11.0	23.9	0.44	408	0.67	0.01	0.24	19.0
6143	Soil	3.36	5.61	0.07	0.13	0.02	0.03	13.0	38.4	0.68	465	0.87	0.01	0.31	28.7
6144	Soil	4.25	5.69	0.07	0.10	0.03	0.02	23.5	46.8	0.79	840	1.55	<0.01	0.15	40.1
6145	Soil	2.35	2.75	0.07	0.09	0.02	0.02	14.5	8.2	0.13	452	0.81	0.01	0.14	27.1
6146	Soil	1.00	1.84	0.06	0.10	<0.01	0.02	3.9	7.7	0.12	142	0.63	0.01	0.08	8.8
6147	Soil	4.88	5.41	0.10	0.06	0.07	0.02	18.7	34.2	0.57	2001	1.02	<0.01	0.46	33.6
6148	Soil	4.50	7.15	0.08	0.18	0.02	0.03	20.2	41.3	0.73	670	0.85	<0.01	0.49	32.9
6149	Soil	1.23	3.28	0.05	0.13	<0.01	0.02	10.0	10.0	0.15	106	0.77	0.02	0.25	9.2
6150	Soil	4.46	6.79	0.09	0.08	0.03	0.03	20.9	39.7	0.68	689	0.98	<0.01	1.01	31.4
6151	Soil	2.73	4.99	0.06	0.05	0.02	0.02	13.0	12.8	0.22	305	0.99	0.01	0.52	15.6
6152	Soil	2.10	3.88	0.07	0.05	0.04	0.02	9.7	9.8	0.16	391	2.11	0.01	0.16	21.0
6153	Soil	4.57	6.54	0.07	0.05	0.03	0.03	16.5	29.6	0.56	488	1.26	<0.01	0.70	30.6
6154	Soil	4.30	4.23	0.08	0.13	0.05	0.03	14.6	39.1	0.64	2613	1.30	<0.01	0.19	45.2
6155	Soil	0.85	2.14	0.05	0.09	<0.01	0.04	4.7	8.6	0.16	125	0.54	0.02	0.14	8.1
6156	Soil	4.60	5.73	0.08	0.21	0.03	0.02	16.4	54.0	0.90	962	1.26	<0.01	0.21	42.0
6157	Soil	4.04	6.70	0.06	0.15	0.03	0.03	17.0	64.4	0.99	862	0.91	<0.01	0.29	41.1
6158	Soil	3.76	6.74	0.06	0.08	0.02	0.03	23.9	50.3	0.81	924	0.85	<0.01	0.23	34.1
6159	Soil	2.38	4.16	0.05	0.03	0.01	0.03	10.7	29.9	0.47	284	0.60	0.01	0.24	19.8
6160	Soil	3.87	6.50	0.07	0.12	0.02	0.03	15.7	61.8	0.94	713	0.79	<0.01	0.25	37.8

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6161	Soil	3.37	6.87	0.06	0.04	0.03	0.03	17.9	27.9	0.44	960	0.92	<0.01	0.37	21.1
6162	Soil	2.75	6.33	0.07	0.04	0.02	0.03	22.8	33.5	0.52	339	0.89	<0.01	0.42	22.1
6163	Soil	4.97	7.53	0.08	0.07	0.03	0.03	17.7	51.5	0.89	662	0.87	<0.01	0.66	32.9
6164	Soil	3.39	7.62	0.06	0.05	0.02	0.03	20.3	42.2	0.64	360	1.12	<0.01	0.45	27.8

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6001	Soil	380	35.0	2.3	<0.01	0.02	1.51	1.8	0.3	<0.2	5.6	0.02	0.04	7.2	<0.005
6002	Soil	661	21.4	4.2	<0.01	0.05	1.01	0.7	0.4	0.4	9.3	0.01	0.04	1.2	0.006
6003	Soil	401	29.8	2.2	<0.01	0.01	0.84	2.4	<0.2	0.2	24.6	<0.01	0.02	17.4	<0.005
6004	Soil	468	46.4	2.1	<0.01	0.02	0.80	3.2	0.4	<0.2	23.4	<0.01	0.03	10.6	<0.005
6005	Soil	642	18.4	5.8	<0.01	0.03	0.86	1.0	0.3	0.3	12.6	<0.01	0.04	3.0	0.005
6006	Soil	356	27.9	2.3	<0.01	0.01	0.54	1.7	<0.2	<0.2	13.3	<0.01	0.03	20.4	<0.005
6007	Soil	619	32.2	3.4	<0.01	0.03	0.97	1.2	0.3	<0.2	8.0	<0.01	0.04	6.5	0.006
6008	Soil	259	24.0	1.8	<0.01	<0.01	0.44	1.1	<0.2	<0.2	6.5	<0.01	0.03	14.5	<0.005
6009	Soil	666	44.8	2.1	<0.01	0.03	0.86	1.1	<0.2	<0.2	16.8	<0.01	0.06	5.4	<0.005
6010	Soil	727	29.9	3.5	<0.01	0.04	1.30	1.2	0.3	<0.2	6.9	<0.01	0.04	5.0	<0.005
6011	Soil	992	31.6	4.3	<0.01	0.06	0.77	1.5	0.5	0.2	8.2	<0.01	0.05	3.0	<0.005
6012	Soil	893	16.9	1.7	<0.01	0.02	0.98	5.3	0.3	<0.2	71.2	<0.01	0.03	9.8	<0.005
6013	Soil	815	10.8	2.5	<0.01	0.02	1.52	1.7	0.2	<0.2	11.3	<0.01	0.04	3.9	<0.005
6014	Soil	507	5.8	3.8	<0.01	0.01	0.09	2.3	<0.2	<0.2	6.9	<0.01	0.02	5.3	<0.005
6015	Soil	447	5.2	3.6	<0.01	0.01	0.09	1.1	<0.2	0.2	8.2	<0.01	0.02	2.1	<0.005
6016	Soil	965	11.5	2.5	<0.01	0.04	0.33	1.3	<0.2	<0.2	5.6	<0.01	0.03	2.8	<0.005
6017	Soil	578	60.4	1.6	<0.01	0.02	0.68	2.2	0.2	<0.2	6.5	<0.01	0.12	7.8	<0.005
6018	Soil	550	24.1	1.7	<0.01	0.02	0.18	2.2	<0.2	<0.2	5.7	<0.01	0.07	10.3	<0.005
6019	Soil	568	79.3	2.0	<0.01	<0.01	0.13	3.1	<0.2	<0.2	6.5	<0.01	0.09	19.2	<0.005
6020	Soil	425	47.7	1.8	<0.01	<0.01	0.28	3.2	<0.2	<0.2	4.5	<0.01	0.09	16.1	<0.005
6021	Soil	518	114.4	1.8	<0.01	<0.01	0.09	3.0	<0.2	<0.2	6.3	<0.01	0.08	15.2	<0.005
6022	Soil	488	9.7	2.4	<0.01	0.02	0.31	1.1	<0.2	<0.2	4.0	<0.01	0.05	3.5	<0.005
6023	Soil	641	5.2	3.2	<0.01	0.05	0.15	0.4	0.2	<0.2	3.0	<0.01	0.02	0.4	<0.005
6024	Soil	472	8.1	2.0	<0.01	<0.01	0.13	3.2	<0.2	<0.2	11.7	<0.01	0.03	12.6	<0.005
6025	Soil	692	12.4	2.7	<0.01	0.02	0.33	2.8	0.2	0.3	8.6	<0.01	0.06	4.6	0.012
6026	Soil	1104	12.7	1.5	<0.01	0.02	1.13	5.7	0.3	<0.2	70.7	<0.01	0.04	5.6	<0.005
6027	Soil	1109	18.1	3.5	<0.01	0.06	0.24	0.7	0.2	0.2	7.1	<0.01	0.05	1.0	0.005
6028	Soil	963	25.6	4.8	<0.01	0.07	0.69	0.7	0.3	0.3	6.8	<0.01	0.04	1.2	0.007
6029	Soil	838	36.9	2.8	<0.01	0.05	1.08	1.1	0.2	<0.2	5.7	<0.01	0.02	6.7	<0.005
6030	Soil	748	28.9	4.2	<0.01	0.04	0.68	0.7	0.3	0.4	4.8	<0.01	0.05	1.5	0.009
6031	Soil	917	15.7	6.2	<0.01	0.04	0.49	0.6	0.4	0.2	6.5	<0.01	0.04	0.7	<0.005
6032	Soil	548	33.7	3.0	<0.01	0.03	0.87	0.9	0.3	0.2	8.2	<0.01	0.07	3.0	0.006
6033	Soil	1389	21.2	4.8	<0.01	0.11	0.64	0.4	0.4	0.3	8.0	<0.01	0.06	0.4	<0.005
6034	Soil	901	20.4	5.3	<0.01	0.08	0.58	0.5	0.5	0.5	5.8	<0.01	0.07	0.5	0.008
6035	Soil	397	37.7	2.0	<0.01	<0.01	0.61	3.0	0.2	<0.2	19.3	<0.01	0.06	23.7	<0.005
6036	Soil	1253	22.2	6.4	<0.01	0.07	0.52	0.7	0.5	0.4	7.6	<0.01	0.06	1.2	0.006
6037	Soil	837	22.6	5.1	<0.01	0.05	0.57	0.8	0.2	0.4	8.2	<0.01	0.05	1.3	0.009
6038	Soil	900	21.3	5.3	<0.01	0.06	0.55	0.6	0.4	0.5	8.4	<0.01	0.05	0.7	0.009
6039	Soil	375	31.9	2.2	<0.01	<0.01	0.58	1.8	<0.2	<0.2	11.4	<0.01	0.05	13.0	<0.005
6040	Soil	369	25.3	1.7	<0.01	<0.01	0.38	2.0	<0.2	<0.2	15.1	<0.01	0.06	16.8	<0.005

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6041	Soil	655	15.3	1.9	<0.01	0.01	0.17	2.1	<0.2	<0.2	23.1	<0.01	0.05	17.0	<0.005
6042	Soil	357	46.1	1.9	<0.01	0.02	0.36	2.4	<0.2	<0.2	13.1	<0.01	0.08	11.3	<0.005
6043	Soil	298	43.6	1.8	<0.01	0.01	0.37	2.4	<0.2	<0.2	9.7	<0.01	0.08	10.4	<0.005
6044	Soil	613	22.7	3.1	<0.01	0.03	0.47	1.0	0.3	<0.2	5.6	<0.01	0.05	2.4	0.006
6045	Soil	612	24.5	2.5	<0.01	0.01	0.63	1.5	0.2	<0.2	9.7	<0.01	0.04	11.2	<0.005
6046	Soil	456	31.8	2.5	<0.01	<0.01	0.85	1.9	<0.2	<0.2	10.4	<0.01	0.03	12.8	<0.005
6047	Soil	503	31.8	1.9	<0.01	<0.01	1.11	1.6	<0.2	<0.2	14.3	<0.01	0.05	13.9	<0.005
6048	Soil	611	27.2	3.2	<0.01	0.03	0.51	1.5	0.2	<0.2	18.4	<0.01	0.05	2.7	<0.005
6049	Soil	892	33.9	1.7	<0.01	0.02	1.83	5.6	0.5	<0.2	32.9	<0.01	0.06	7.7	<0.005
6050	Soil	501	7.1	2.3	<0.01	<0.01	0.24	2.8	<0.2	<0.2	9.3	<0.01	0.03	9.7	<0.005
6051	Soil	552	5.9	1.8	<0.01	0.02	0.44	1.3	<0.2	<0.2	4.9	<0.01	0.02	4.2	<0.005
6052	Soil	504	11.3	2.0	<0.01	<0.01	1.26	3.4	<0.2	<0.2	11.5	<0.01	0.04	9.5	<0.005
6053	Soil	440	51.8	1.7	<0.01	<0.01	0.29	2.5	<0.2	<0.2	4.9	<0.01	0.12	15.9	<0.005
6054	Soil	474	112.0	2.1	<0.01	<0.01	0.16	2.7	<0.2	<0.2	5.4	<0.01	0.08	14.4	<0.005
6055	Soil	491	97.0	1.4	<0.01	<0.01	0.22	3.0	<0.2	<0.2	5.0	<0.01	0.09	12.7	<0.005
6056	Soil	301	30.3	1.4	<0.01	<0.01	0.47	3.0	<0.2	<0.2	3.4	<0.01	0.09	10.1	<0.005
6057	Soil	438	68.1	1.2	<0.01	<0.01	0.52	2.7	<0.2	<0.2	6.7	<0.01	0.08	11.7	<0.005
6058	Soil	433	24.4	1.8	<0.01	<0.01	0.38	2.0	<0.2	<0.2	5.7	<0.01	0.08	11.5	<0.005
6059	Soil	617	10.5	2.1	<0.01	0.02	0.99	1.5	<0.2	<0.2	7.2	<0.01	0.03	3.4	<0.005
6060	Soil	436	19.2	1.5	<0.01	<0.01	1.78	2.4	<0.2	<0.2	7.4	<0.01	0.08	7.3	<0.005
6061	Soil	538	9.6	2.0	<0.01	<0.01	0.25	2.4	<0.2	<0.2	10.5	<0.01	0.05	8.6	<0.005
6062	Soil	734	11.7	1.4	<0.01	<0.01	0.68	3.8	0.3	<0.2	13.8	<0.01	0.05	9.5	<0.005
6063	Soil	747	38.8	1.8	<0.01	<0.01	0.49	3.9	<0.2	<0.2	19.2	<0.01	0.08	8.7	<0.005
6064	Soil	591	30.4	1.9	<0.01	0.02	1.87	4.0	<0.2	<0.2	31.7	<0.01	0.05	7.3	<0.005
6065	Soil	531	27.2	2.7	<0.01	0.02	1.12	2.0	0.2	<0.2	16.7	<0.01	0.03	7.5	0.009
6066	Soil	673	35.0	2.1	<0.01	0.03	0.58	0.9	<0.2	<0.2	5.7	<0.01	0.01	4.7	<0.005
6067	Soil	586	33.6	2.7	<0.01	0.03	0.95	0.9	0.3	<0.2	6.3	<0.01	0.04	3.2	<0.005
6068	Soil	558	33.8	2.0	<0.01	0.03	0.68	1.0	<0.2	<0.2	7.6	<0.01	0.03	6.3	<0.005
6069	Soil	515	43.5	1.8	<0.01	<0.01	1.52	2.5	<0.2	<0.2	18.2	<0.01	0.04	17.9	<0.005
6070	Soil	777	12.9	2.9	<0.01	0.05	0.21	1.1	0.3	<0.2	11.6	0.01	0.03	1.4	0.007
6071	Soil	383	24.0	2.3	<0.01	0.01	0.27	2.3	<0.2	<0.2	9.4	<0.01	0.06	10.1	<0.005
6072	Soil	725	21.3	3.4	<0.01	0.02	0.31	2.2	0.2	<0.2	9.4	<0.01	0.08	8.8	<0.005
6073	Soil	459	20.2	2.6	<0.01	0.04	0.34	1.4	0.2	<0.2	7.1	<0.01	0.04	6.9	<0.005
6074	Soil	269	14.2	1.9	<0.01	0.01	0.17	2.2	<0.2	<0.2	12.8	<0.01	0.03	13.1	<0.005
6075	Soil	551	67.5	2.8	<0.01	0.01	0.59	1.4	<0.2	<0.2	11.8	<0.01	0.04	13.5	<0.005
6076	Soil	781	28.3	4.6	<0.01	0.03	0.85	1.1	0.3	0.3	4.1	<0.01	0.08	3.5	<0.005
6077	Soil	768	35.0	3.9	<0.01	0.04	0.93	1.9	0.8	0.2	25.2	<0.01	0.10	4.4	<0.005
6078	Soil	635	29.3	2.0	<0.01	0.07	1.50	3.0	0.5	<0.2	39.1	<0.01	0.07	6.3	<0.005
6079	Soil	475	16.1	3.2	<0.01	0.02	0.48	1.2	0.2	<0.2	9.1	<0.01	0.05	3.5	<0.005
6080	Soil	604	20.5	3.8	<0.01	0.02	0.69	1.4	0.2	0.2	8.0	<0.01	0.05	5.5	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6081	Soil	390	18.6	3.9	<0.01	0.02	0.51	0.8	<0.2	0.2	5.6	<0.01	0.05	2.1	<0.005
6082	Soil	827	27.2	4.7	<0.01	0.02	0.91	1.2	0.3	0.4	4.1	<0.01	0.08	5.9	0.010
6083	Soil	422	18.3	3.4	<0.01	0.02	0.38	0.2	0.2	0.2	4.2	<0.01	0.03	<0.2	<0.005
6084	Soil	594	35.8	2.8	<0.01	0.05	0.94	2.3	0.8	<0.2	29.1	<0.01	0.09	6.7	<0.005
6085	Soil	709	42.4	4.1	<0.01	0.04	0.66	1.5	0.5	<0.2	22.2	<0.01	0.06	4.2	<0.005
6086	Soil	496	31.5	7.1	<0.01	0.02	0.59	0.4	0.2	0.4	7.5	<0.01	0.05	0.6	<0.005
6087	Soil	563	36.6	5.9	<0.01	0.03	0.47	0.4	<0.2	0.3	10.9	<0.01	0.04	0.7	<0.005
6088	Soil	725	38.0	6.2	<0.01	0.03	0.42	0.3	0.3	0.3	10.0	<0.01	0.04	0.5	<0.005
6089	Soil	635	33.7	2.6	<0.01	0.03	0.94	0.4	0.6	0.4	6.1	<0.01	0.07	0.4	0.006
6090	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
6091	Soil	411	22.0	3.4	<0.01	0.03	0.23	0.4	<0.2	0.2	5.0	0.01	<0.01	<0.2	0.010
6092	Soil	621	70.1	3.7	<0.01	0.02	0.86	1.5	0.3	0.2	8.1	<0.01	0.04	4.7	0.014
6093	Soil	587	17.2	4.6	<0.01	0.04	0.62	0.6	0.3	0.4	4.5	<0.01	0.06	0.8	0.008
6094	Soil	459	22.3	4.7	<0.01	0.03	0.76	0.5	0.4	0.7	4.4	<0.01	0.06	0.6	0.014
6095	Soil	498	13.6	4.2	<0.01	0.04	1.24	0.3	0.3	0.3	3.9	<0.01	0.10	<0.2	0.010
6096	Soil	631	15.8	4.1	<0.01	0.06	0.86	0.4	0.3	0.5	7.2	<0.01	0.03	0.3	0.017
6097	Soil	1236	43.3	7.3	<0.01	0.06	1.00	0.7	0.6	0.6	16.0	<0.01	0.05	0.6	0.016
6098	Soil	887	42.6	6.4	<0.01	0.05	1.08	0.9	0.5	0.4	12.9	<0.01	0.03	1.3	0.015
6099	Soil	319	25.3	4.7	<0.01	0.01	0.54	0.7	<0.2	<0.2	6.3	<0.01	0.08	3.4	<0.005
6100	Soil	471	134.4	4.8	<0.01	0.04	1.07	0.5	0.4	0.2	13.7	<0.01	0.06	1.0	<0.005
6101	Soil	328	62.5	5.9	<0.01	0.03	1.38	0.5	0.3	0.3	17.8	<0.01	0.06	1.4	0.007
6102	Soil	179	39.7	4.8	<0.01	0.05	2.27	1.3	0.2	0.2	77.6	<0.01	0.08	12.3	<0.005
6103	Soil	308	47.6	6.3	<0.01	0.05	1.33	1.0	0.3	0.3	29.0	<0.01	0.08	3.5	<0.005
6104	Soil	107	10.4	3.8	<0.01	<0.01	0.32	0.6	<0.2	0.2	17.7	<0.01	0.04	4.5	<0.005
6105	Soil	210	25.0	3.1	<0.01	0.01	1.23	0.6	<0.2	<0.2	8.5	<0.01	0.04	1.5	0.006
6106	Soil	338	27.1	4.2	<0.01	0.01	0.72	0.4	<0.2	0.2	7.9	<0.01	0.08	1.4	<0.005
6107	Soil	306	52.2	3.2	<0.01	0.01	0.75	0.9	<0.2	0.2	10.5	<0.01	0.10	4.9	<0.005
6108	Soil	293	88.3	1.9	<0.01	0.02	1.10	0.2	<0.2	<0.2	15.5	<0.01	0.02	0.3	<0.005
6109	Soil	935	49.1	5.3	<0.01	0.02	1.63	1.0	<0.2	0.3	11.0	<0.01	0.10	4.5	0.006
6110	Soil	342	109.5	4.2	<0.01	0.03	1.79	0.9	0.3	0.2	19.9	<0.01	0.11	5.4	<0.005
6111	Soil	397	106.0	3.5	<0.01	0.05	3.04	1.1	0.5	0.2	30.0	<0.01	0.13	6.2	<0.005
6112	Soil	520	23.9	1.3	<0.01	0.01	0.69	1.6	<0.2	<0.2	6.2	<0.01	0.06	5.6	<0.005
6113	Soil	262	163.6	3.3	<0.01	0.01	0.97	1.1	<0.2	0.4	9.0	<0.01	0.08	6.1	<0.005
6114	Soil	671	32.0	3.2	<0.01	0.03	0.48	0.4	<0.2	<0.2	4.3	<0.01	0.05	0.9	0.006
6115	Soil	993	81.2	4.0	<0.01	0.05	1.87	1.5	0.3	0.3	11.6	<0.01	0.17	11.9	<0.005
6116	Soil	615	50.8	2.9	<0.01	0.01	0.89	1.2	<0.2	0.3	3.9	<0.01	0.09	7.5	0.006
6117	Soil	779	49.1	3.0	<0.01	0.01	1.11	1.7	0.3	<0.2	3.3	<0.01	0.11	9.8	<0.005
6118	Soil	775	57.6	3.2	<0.01	0.02	0.86	1.5	<0.2	<0.2	3.5	<0.01	0.09	7.3	<0.005
6119	Soil	637	23.9	3.9	<0.01	0.02	1.27	1.5	0.2	0.3	4.1	<0.01	0.14	5.8	0.005
6120	Soil	264	40.1	3.5	<0.01	0.01	1.43	2.2	0.3	<0.2	8.7	<0.01	0.16	9.5	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6121	Soil	582	61.4	4.9	<0.01	0.02	0.73	1.1	0.2	0.4	6.3	<0.01	0.10	3.1	<0.005
6122	Soil	630	35.7	2.9	<0.01	0.01	0.70	2.0	<0.2	0.2	3.7	<0.01	0.11	10.4	<0.005
6123	Soil	354	25.6	3.8	<0.01	0.01	0.46	1.8	<0.2	0.4	6.3	<0.01	0.07	7.7	0.007
6124	Soil	427	36.3	3.3	<0.01	0.01	0.83	2.0	<0.2	<0.2	3.8	<0.01	0.09	9.9	<0.005
6125	Soil	1193	27.2	4.8	<0.01	0.04	0.83	2.0	0.3	0.2	20.3	<0.01	0.11	2.5	<0.005
6126	Soil	617	26.8	3.1	<0.01	0.01	1.02	1.7	<0.2	0.2	6.4	<0.01	0.08	5.4	0.006
6127	Soil	425	10.8	2.4	<0.01	0.02	0.33	0.4	<0.2	<0.2	6.4	<0.01	0.03	0.4	<0.005
6128	Soil	951	30.1	5.0	<0.01	0.04	0.83	2.0	<0.2	0.2	19.1	<0.01	0.08	2.6	<0.005
6129	Soil	968	27.5	3.7	<0.01	0.02	0.74	0.9	0.3	0.3	8.8	<0.01	0.08	1.2	0.006
6130	Soil	923	23.7	3.9	<0.01	0.02	0.75	0.7	0.2	0.4	8.1	<0.01	0.06	0.9	0.006
6131	Soil	634	22.9	4.0	<0.01	0.01	1.22	1.6	<0.2	0.2	4.9	<0.01	0.08	4.4	0.007
6132	Soil	830	30.7	4.7	<0.01	0.02	1.33	1.3	<0.2	0.3	5.4	<0.01	0.09	2.7	0.008
6133	Soil	617	48.6	2.9	<0.01	0.01	1.95	2.0	0.3	<0.2	6.0	<0.01	0.08	6.8	<0.005
6134	Soil	608	30.2	4.0	<0.01	0.01	1.25	1.4	0.3	0.3	4.5	<0.01	0.06	3.6	0.006
6135	Soil	557	21.0	3.6	<0.01	0.02	0.79	1.1	0.3	0.4	5.7	<0.01	0.08	3.1	0.006
6136	Soil	475	7.2	4.3	<0.01	0.02	0.22	0.2	<0.2	<0.2	10.9	<0.01	<0.01	<0.2	0.006
6137	Soil	1638	61.9	4.0	<0.01	0.03	1.41	1.6	0.3	0.2	10.0	<0.01	0.07	3.6	<0.005
6138	Soil	971	15.0	3.6	<0.01	0.05	0.56	0.3	0.2	0.2	4.9	<0.01	0.03	0.3	<0.005
6139	Soil	409	27.6	2.6	<0.01	0.01	1.58	2.1	<0.2	0.3	6.4	<0.01	0.08	8.8	<0.005
6140	Soil	701	37.6	3.4	<0.01	0.01	1.37	2.1	0.2	0.2	4.4	<0.01	0.12	7.5	<0.005
6141	Soil	654	16.3	4.4	<0.01	0.02	0.73	0.4	<0.2	0.3	4.8	<0.01	0.05	0.6	<0.005
6142	Soil	630	15.5	2.6	<0.01	0.02	0.85	0.5	0.2	0.2	4.5	<0.01	0.04	0.8	<0.005
6143	Soil	692	19.5	2.5	<0.01	0.03	0.86	0.9	<0.2	0.2	4.8	<0.01	0.07	1.9	<0.005
6144	Soil	659	25.8	2.5	<0.01	0.02	2.60	2.0	0.3	<0.2	33.6	<0.01	0.09	6.4	<0.005
6145	Soil	645	19.1	2.6	<0.01	0.02	1.17	0.6	0.2	<0.2	18.6	<0.01	0.03	0.8	<0.005
6146	Soil	373	7.9	1.4	<0.01	0.02	0.33	0.1	<0.2	0.3	3.4	<0.01	0.02	<0.2	<0.005
6147	Soil	620	479.0	3.7	<0.01	0.02	7.87	1.7	0.3	0.3	9.4	<0.01	0.14	4.4	<0.005
6148	Soil	652	25.0	4.1	<0.01	0.02	1.30	1.4	<0.2	0.3	7.0	<0.01	0.08	3.9	<0.005
6149	Soil	223	7.6	2.4	<0.01	0.01	0.55	0.3	<0.2	<0.2	4.2	<0.01	0.02	0.2	0.008
6150	Soil	541	43.7	4.4	<0.01	0.02	1.75	2.0	0.3	0.4	6.1	<0.01	0.10	7.8	0.009
6151	Soil	471	33.9	3.3	<0.01	0.02	2.27	0.6	0.3	0.3	5.0	<0.01	0.08	0.9	0.005
6152	Soil	587	64.6	3.7	<0.01	0.02	1.48	0.3	<0.2	0.2	5.7	<0.01	0.05	0.4	<0.005
6153	Soil	556	29.5	4.0	<0.01	0.02	2.12	1.9	0.2	0.3	5.3	<0.01	0.09	6.8	0.006
6154	Soil	798	41.4	2.7	<0.01	0.03	4.24	3.7	0.3	<0.2	12.2	<0.01	0.10	7.0	<0.005
6155	Soil	434	6.7	4.1	<0.01	0.03	0.44	0.2	<0.2	<0.2	12.9	<0.01	0.01	<0.2	<0.005
6156	Soil	753	36.6	1.6	<0.01	0.02	3.46	2.9	0.2	<0.2	11.4	<0.01	0.10	10.3	<0.005
6157	Soil	648	30.0	4.1	<0.01	0.02	1.06	2.6	0.5	0.2	15.0	<0.01	0.07	6.7	<0.005
6158	Soil	820	23.0	3.0	<0.01	0.01	0.88	1.5	<0.2	0.2	6.9	<0.01	0.07	4.9	<0.005
6159	Soil	450	13.4	3.5	<0.01	0.02	0.50	0.7	<0.2	<0.2	5.8	<0.01	0.02	0.9	<0.005
6160	Soil	612	23.3	4.0	<0.01	0.02	0.67	2.0	<0.2	0.2	10.0	<0.01	0.07	5.5	<0.005

NS = No Sample

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6161	Soil	935	34.3	7.5	<0.01	0.03	0.77	0.7	<0.2	0.4	6.6	<0.01	0.10	1.4	<0.005
6162	Soil	676	23.8	5.4	<0.01	0.01	0.50	1.1	<0.2	0.4	5.0	<0.01	0.07	4.0	<0.005
6163	Soil	782	30.9	4.8	<0.01	0.02	0.82	2.0	0.2	0.3	5.9	<0.01	0.10	8.0	0.009
6164	Soil	552	22.6	4.3	<0.01	0.02	0.57	1.1	<0.2	0.3	4.6	<0.01	0.08	2.9	0.005

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
Vol 6-358
Buchanan et al., 2011

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6001	Soil	<0.05	0.71	25	0.07	3.72	53	1.7
6002	Soil	0.05	0.77	27	0.09	2.86	45	0.5
6003	Soil	<0.05	0.90	25	<0.05	7.91	35	13.9
6004	Soil	<0.05	1.28	28	<0.05	10.08	93	3.9
6005	Soil	<0.05	0.89	32	0.09	2.96	73	0.9
6006	Soil	<0.05	1.18	40	<0.05	2.67	102	2.2
6007	Soil	<0.05	1.05	38	0.10	2.85	92	2.3
6008	Soil	<0.05	1.06	35	<0.05	2.07	84	1.6
6009	Soil	<0.05	1.29	25	<0.05	2.70	98	1.9
6010	Soil	<0.05	1.12	34	<0.05	2.40	91	1.9
6011	Soil	0.06	1.44	40	0.08	5.03	80	1.6
6012	Soil	<0.05	0.81	51	<0.05	9.32	87	3.1
6013	Soil	<0.05	0.75	46	0.07	2.28	93	2.0
6014	Soil	<0.05	0.57	47	<0.05	2.37	70	0.8
6015	Soil	<0.05	0.53	28	0.19	1.39	55	<0.5
6016	Soil	<0.05	0.62	49	<0.05	1.75	78	2.0
6017	Soil	<0.05	1.49	50	0.10	2.47	125	2.4
6018	Soil	<0.05	2.11	56	<0.05	2.26	132	2.9
6019	Soil	<0.05	2.04	68	<0.05	3.75	147	3.4
6020	Soil	<0.05	1.76	60	<0.05	3.11	134	5.7
6021	Soil	<0.05	1.68	71	<0.05	3.28	140	1.9
6022	Soil	<0.05	0.51	50	<0.05	1.86	73	1.1
6023	Soil	<0.05	0.41	29	0.08	1.01	42	<0.5
6024	Soil	<0.05	0.61	40	0.05	2.61	79	3.1
6025	Soil	<0.05	1.04	58	<0.05	3.73	74	1.1
6026	Soil	<0.05	1.13	49	<0.05	6.97	62	1.9
6027	Soil	<0.05	0.50	33	0.06	1.63	58	0.9
6028	Soil	0.06	0.93	39	0.10	2.23	81	0.6
6029	Soil	<0.05	1.29	32	<0.05	2.97	91	3.1
6030	Soil	0.07	0.81	42	0.13	2.21	78	0.7
6031	Soil	<0.05	0.68	27	0.07	1.98	48	<0.5
6032	Soil	<0.05	0.75	34	0.12	2.89	72	1.2
6033	Soil	0.07	0.94	29	0.10	2.05	57	<0.5
6034	Soil	0.06	0.80	35	0.15	1.78	51	0.5
6035	Soil	<0.05	1.21	33	<0.05	9.28	83	6.6
6036	Soil	0.07	0.96	38	0.10	2.34	67	0.7
6037	Soil	0.07	0.95	43	0.12	2.57	79	0.6
6038	Soil	0.07	0.91	40	0.11	2.32	69	<0.5
6039	Soil	<0.05	1.47	33	<0.05	4.37	89	2.0
6040	Soil	<0.05	0.93	34	<0.05	6.19	73	4.5

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6041	Soil	<0.05	0.77	44	<0.05	6.28	83	5.5
6042	Soil	<0.05	1.36	35	<0.05	8.25	93	5.2
6043	Soil	<0.05	1.05	33	<0.05	7.71	89	3.7
6044	Soil	<0.05	0.69	23	0.06	2.95	53	0.8
6045	Soil	<0.05	1.32	36	0.12	3.37	94	1.5
6046	Soil	<0.05	1.49	29	<0.05	3.72	92	1.2
6047	Soil	<0.05	1.36	33	<0.05	3.67	88	1.3
6048	Soil	<0.05	0.87	27	<0.05	4.39	57	1.0
6049	Soil	<0.05	0.95	38	<0.05	11.02	77	2.1
6050	Soil	<0.05	0.68	49	<0.05	2.99	76	1.4
6051	Soil	<0.05	0.47	41	<0.05	2.24	62	1.8
6052	Soil	<0.05	0.70	64	<0.05	4.28	90	5.0
6053	Soil	<0.05	1.84	50	<0.05	2.98	125	7.7
6054	Soil	<0.05	2.08	55	<0.05	2.91	138	4.9
6055	Soil	<0.05	1.39	62	<0.05	2.92	141	2.0
6056	Soil	<0.05	1.32	59	<0.05	1.71	131	5.1
6057	Soil	<0.05	1.35	58	<0.05	2.52	138	8.0
6058	Soil	<0.05	1.88	43	<0.05	2.99	110	2.6
6059	Soil	<0.05	0.93	45	<0.05	3.57	65	2.3
6060	Soil	<0.05	0.98	46	0.06	3.60	91	1.8
6061	Soil	<0.05	0.64	53	<0.05	2.78	78	1.2
6062	Soil	<0.05	0.95	45	<0.05	5.04	89	3.6
6063	Soil	<0.05	0.46	37	<0.05	9.21	76	1.6
6064	Soil	<0.05	0.61	29	<0.05	8.31	69	1.9
6065	Soil	<0.05	1.48	31	<0.05	3.51	82	1.2
6066	Soil	<0.05	0.88	29	0.07	2.01	80	3.3
6067	Soil	<0.05	0.90	29	<0.05	2.74	85	1.7
6068	Soil	<0.05	1.46	24	<0.05	2.38	109	2.4
6069	Soil	<0.05	1.45	19	<0.05	5.74	88	4.7
6070	Soil	<0.05	0.71	19	<0.05	4.66	44	1.5
6071	Soil	<0.05	0.93	38	<0.05	6.95	86	3.2
6072	Soil	<0.05	1.35	38	<0.05	6.84	60	2.1
6073	Soil	<0.05	0.94	33	<0.05	3.42	53	2.6
6074	Soil	<0.05	0.82	36	<0.05	4.86	51	2.5
6075	Soil	<0.05	1.66	38	<0.05	3.93	115	1.4
6076	Soil	<0.05	0.64	39	0.13	1.09	79	0.8
6077	Soil	<0.05	7.13	40	0.11	10.30	98	2.7
6078	Soil	<0.05	1.11	27	<0.05	7.88	92	4.8
6079	Soil	<0.05	0.78	40	0.08	1.24	81	0.6
6080	Soil	<0.05	0.91	44	0.06	1.39	89	1.4

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6081	Soil	<0.05	0.66	26	0.13	1.23	57	<0.5
6082	Soil	<0.05	0.68	38	0.22	1.37	68	0.7
6083	Soil	<0.05	0.47	14	0.12	0.75	23	<0.5
6084	Soil	<0.05	4.98	37	0.13	5.41	105	5.4
6085	Soil	<0.05	5.75	29	0.16	4.24	110	3.4
6086	Soil	0.08	0.81	25	0.24	1.69	53	0.5
6087	Soil	0.08	0.96	19	0.41	1.84	50	<0.5
6088	Soil	0.10	0.85	21	0.34	1.09	41	<0.5
6089	Soil	<0.05	0.95	49	0.19	1.81	53	<0.5
6090	Soil	NS	NS	NS	NS	NS	NS	NS
6091	Soil	0.05	0.57	16	0.46	1.85	21	<0.5
6092	Soil	0.06	0.97	36	0.58	2.61	101	1.6
6093	Soil	0.06	0.67	36	0.45	1.51	61	<0.5
6094	Soil	0.06	0.64	36	0.25	1.56	45	<0.5
6095	Soil	0.06	0.46	21	0.16	1.01	27	<0.5
6096	Soil	0.06	0.89	24	0.34	1.27	43	0.9
6097	Soil	0.13	1.35	43	0.45	2.36	60	<0.5
6098	Soil	0.12	1.40	33	0.82	3.24	70	0.7
6099	Soil	0.07	0.83	8	0.18	1.42	67	<0.5
6100	Soil	0.19	2.24	19	0.53	4.02	58	<0.5
6101	Soil	0.22	0.86	16	0.57	1.16	43	<0.5
6102	Soil	0.17	1.75	5	0.76	1.66	40	<0.5
6103	Soil	0.32	0.87	11	1.09	0.90	29	0.8
6104	Soil	<0.05	0.39	8	0.76	0.74	36	<0.5
6105	Soil	<0.05	0.51	10	3.61	0.73	53	<0.5
6106	Soil	<0.05	0.69	11	0.46	0.73	60	<0.5
6107	Soil	0.06	0.80	10	0.56	1.15	96	<0.5
6108	Soil	0.06	0.56	9	0.33	0.46	56	<0.5
6109	Soil	0.05	0.84	23	0.55	1.35	86	<0.5
6110	Soil	0.13	0.95	10	0.71	0.98	75	<0.5
6111	Soil	0.19	1.17	12	0.73	1.18	71	0.7
6112	Soil	<0.05	1.17	39	0.06	1.76	82	1.8
6113	Soil	0.06	0.83	18	0.68	1.28	164	<0.5
6114	Soil	<0.05	0.71	24	0.10	0.83	53	0.6
6115	Soil	<0.05	1.33	46	0.09	1.49	90	2.3
6116	Soil	<0.05	0.96	42	0.12	1.43	89	0.9
6117	Soil	<0.05	1.62	56	0.06	2.61	154	2.6
6118	Soil	<0.05	2.14	48	0.05	3.23	140	3.4
6119	Soil	<0.05	1.88	50	0.09	2.21	119	1.6
6120	Soil	<0.05	1.44	51	<0.05	2.39	132	4.0

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6121	Soil	0.06	1.35	43	0.14	1.78	81	0.8
6122	Soil	<0.05	0.93	57	0.09	1.66	124	3.0
6123	Soil	<0.05	1.02	57	0.08	1.64	116	0.7
6124	Soil	<0.05	0.77	56	0.08	1.73	120	2.9
6125	Soil	<0.05	1.24	34	0.08	5.83	88	2.3
6126	Soil	<0.05	0.60	56	0.09	1.89	103	1.1
6127	Soil	<0.05	0.44	18	0.06	1.21	33	<0.5
6128	Soil	<0.05	0.96	45	0.07	3.18	91	2.5
6129	Soil	<0.05	0.56	45	0.13	1.33	85	0.6
6130	Soil	<0.05	0.50	46	0.13	1.42	75	<0.5
6131	Soil	<0.05	0.63	50	0.12	1.63	97	0.8
6132	Soil	<0.05	0.61	47	0.17	1.53	93	0.6
6133	Soil	<0.05	0.82	48	0.10	2.45	118	1.5
6134	Soil	<0.05	0.60	42	0.12	1.79	90	0.5
6135	Soil	<0.05	0.53	38	0.13	1.40	64	<0.5
6136	Soil	<0.05	0.24	13	0.06	0.59	55	<0.5
6137	Soil	<0.05	1.29	37	0.09	3.34	141	1.8
6138	Soil	<0.05	0.67	18	0.10	1.22	35	<0.5
6139	Soil	<0.05	0.88	48	0.13	2.05	125	1.3
6140	Soil	<0.05	0.81	49	0.18	1.98	128	1.4
6141	Soil	<0.05	0.66	30	0.12	1.56	52	<0.5
6142	Soil	<0.05	0.56	28	0.11	1.21	62	0.6
6143	Soil	<0.05	0.73	37	0.09	1.53	88	1.3
6144	Soil	<0.05	1.52	43	0.08	2.65	131	1.3
6145	Soil	<0.05	1.15	15	0.08	1.61	79	<0.5
6146	Soil	<0.05	0.32	13	0.06	0.37	23	<0.5
6147	Soil	0.06	1.15	38	0.16	3.42	278	0.9
6148	Soil	<0.05	0.67	45	0.14	1.74	109	1.0
6149	Soil	<0.05	0.31	19	0.08	0.76	26	<0.5
6150	Soil	<0.05	0.88	45	0.20	2.25	121	1.3
6151	Soil	<0.05	0.58	25	0.18	1.50	69	<0.5
6152	Soil	<0.05	0.50	19	0.11	1.36	114	<0.5
6153	Soil	<0.05	0.69	40	0.54	1.95	132	0.9
6154	Soil	<0.05	1.65	32	0.09	11.47	131	2.0
6155	Soil	<0.05	0.58	12	0.06	0.88	31	<0.5
6156	Soil	<0.05	1.89	46	0.08	5.06	143	4.5
6157	Soil	<0.05	2.23	49	0.09	5.81	117	2.7
6158	Soil	<0.05	0.61	43	0.07	2.30	98	1.6
6159	Soil	<0.05	0.46	28	0.07	1.23	58	<0.5
6160	Soil	<0.05	1.97	46	0.08	2.99	107	1.9

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6161	Soil	<0.05	1.04	38	0.14	2.99	78	0.7
6162	Soil	<0.05	0.89	34	0.22	1.56	70	0.6
6163	Soil	<0.05	0.81	54	0.16	1.98	116	1.3
6164	Soil	<0.05	0.66	41	0.10	1.43	87	0.8

NS = No Sample

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A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6001	Soil		0.06	1.42	14.3	29	0.44	0.29	0.04	0.07	29.98	28.2	17	0.64	24.8
6001 Dup			0.04	1.27	13.4	28	0.40	0.26	0.04	0.06	28.17	24.9	15	0.61	23.4
QCV1109-00167-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					8.74				23.2			>10000
6019	Soil		0.07	2.83	2.8	41	0.84	0.73	0.12	0.04	54.23	27.6	41	2.96	123.8
6019 Dup			0.07	2.72	2.6	39	0.74	0.77	0.11	0.05	47.80	26.2	39	2.71	120.3
QCV1109-00167-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.42					8.97				23.1			>10000
6037	Soil		0.07	1.57	8.6	42	0.30	0.43	0.06	0.28	16.12	12.6	38	0.66	25.3
6037 Dup			0.07	1.53	8.6	44	0.29	0.41	0.06	0.29	17.08	12.6	37	0.71	25.2
QCV1109-00167-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.52					8.89				21.8			>10000
6055	Soil		0.08	2.75	16.3	28	0.51	0.62	0.12	0.07	48.90	30.3	45	1.55	64.6
6055 Dup			0.07	2.69	16.2	27	0.47	0.59	0.12	0.07	46.32	29.5	42	1.55	63.9
QCV1109-00167-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6195.4
6073	Soil		0.05	1.70	9.8	24	0.48	0.36	0.10	0.09	15.95	26.0	23	0.71	19.6
6073 Dup			0.05	1.69	9.2	23	0.47	0.35	0.10	0.10	15.20	24.3	23	0.68	18.7
QCV1109-00167-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.34					8.92				22.3			>10000
6091	Soil		0.05	0.95	21.3	31	0.21	0.16	0.03	0.06	12.72	2.5	7	0.96	11.5
6091 Dup			0.05	0.91	20.4	31	0.22	0.16	0.02	0.06	12.68	2.4	8	0.96	11.3
QCV1109-00167-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.59				22.2			>10000
6109	Soil		0.49	0.84	502.6	33	0.19	0.57	0.02	0.38	23.48	10.3	19	0.78	27.9
6109 Dup			0.44	0.87	493.7	33	0.18	0.52	0.03	0.40	22.74	10.3	19	0.77	27.9
QCV1109-00167-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.50					8.58				22.5			>10000
6127	Soil		0.11	0.79	21.4	16	0.20	0.14	0.05	0.13	12.19	6.6	11	0.76	12.2
6127 Dup			0.11	0.84	21.6	17	0.22	0.14	0.05	0.12	12.71	6.7	11	0.80	12.4
QCV1109-00167-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					9.05				22.6			>10000

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6145	Soil		0.28	0.68	150.4	24	0.36	0.30	0.01	0.11	27.18	13.7	12	2.44	39.0
6145 Dup			0.29	0.70	152.9	23	0.35	0.32	0.01	0.11	26.34	13.7	14	2.39	39.2
QCV1109-00167-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6063.1
6163	Soil		0.09	2.12	54.1	25	0.24	0.59	0.04	0.10	34.04	12.4	36	1.50	28.8
6163 Dup			0.15	2.16	55.0	26	0.23	0.56	0.04	0.10	37.98	12.6	35	1.59	28.9
QCV1109-00167-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6063.2
6001	Soil	0.006													
6001 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.963													
QCV1109-00168-0004-BLK		0.008													
6037	Soil	0.041													
6037 Dup		0.046													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.411													
6055	Soil	0.065													
6055 Dup		0.066													
QCV1109-00168-0008-BLK		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.334													
6091	Soil	0.006													
6091 Dup		0.008													
QCV1109-00168-0012-BLK		<0.005													
6109	Soil	0.028													
6109 Dup		0.030													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.837													
6127	Soil	0.006													
6127 Dup		0.020													
QCV1109-00168-0016-BLK		<0.005													
6145	Soil	0.034													
6145 Dup		0.032													
6163	Soil	0.007													
6163 Dup		0.009													
QCV1109-00168-0020-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.932													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6001	Soil	2.86	3.51	<0.05	0.22	0.03	0.02	12.6	28.6	0.46	925	0.60	<0.01	0.31	27.1
6001 Dup		2.68	3.17	<0.05	0.12	0.03	0.02	12.0	26.4	0.42	903	0.58	<0.01	0.25	25.6
QCV1109-00167-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6019	Soil	4.90	9.63	0.07	0.10	0.02	0.02	27.9	89.5	1.45	1072	3.35	<0.01	<0.05	59.9
6019 Dup		4.75	9.28	0.06	0.09	0.02	0.02	24.6	89.6	1.44	971	3.29	<0.01	<0.05	57.1
QCV1109-00167-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6037	Soil	3.47	6.26	<0.05	0.29	0.02	0.05	7.5	31.5	0.55	468	2.46	<0.01	0.58	34.1
6037 Dup		3.50	6.53	<0.05	0.15	0.02	0.04	8.0	31.2	0.55	482	2.53	<0.01	0.57	33.4
QCV1109-00167-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6055	Soil	4.73	8.48	0.06	0.08	0.02	0.02	27.1	94.9	1.32	1055	0.70	<0.01	<0.05	53.7
6055 Dup		4.47	8.41	0.09	0.07	0.02	0.02	25.7	91.8	1.32	1032	0.68	<0.01	0.05	51.6
QCV1109-00167-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6073	Soil	3.19	4.85	<0.05	0.21	0.02	0.02	7.6	45.8	0.69	762	0.92	<0.01	0.14	30.5
6073 Dup		3.20	4.70	<0.05	0.17	0.02	0.02	7.2	44.0	0.71	744	0.86	<0.01	0.14	29.1
QCV1109-00167-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6091	Soil	1.06	2.90	<0.05	0.05	<0.01	0.03	6.5	6.6	0.12	64	0.61	0.02	0.45	6.4
6091 Dup		1.03	2.85	<0.05	0.05	<0.01	0.02	6.4	6.6	0.12	63	0.59	0.02	0.45	6.4
QCV1109-00167-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6109	Soil	3.53	3.80	0.07	0.06	0.02	0.03	12.4	13.8	0.23	554	1.19	<0.01	0.53	24.9
6109 Dup		3.61	3.82	0.06	0.04	0.02	0.03	12.1	13.7	0.23	561	1.28	<0.01	0.52	25.2
QCV1109-00167-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6127	Soil	1.50	3.00	<0.05	0.04	<0.01	0.02	6.3	18.3	0.27	325	0.40	0.02	0.28	11.7
6127 Dup		1.49	3.10	0.05	0.03	<0.01	0.02	6.6	19.2	0.29	317	0.40	0.02	0.30	12.0
QCV1109-00167-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6145	Soil	2.35	2.75	0.07	0.09	0.02	0.02	14.5	8.2	0.13	452	0.81	0.01	0.14	27.1
6145 Dup		2.49	2.71	0.06	0.07	0.02	0.02	14.1	8.3	0.13	454	0.81	0.01	0.14	27.4
QCV1109-00167-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6163	Soil	4.97	7.53	0.08	0.07	0.03	0.03	17.7	51.5	0.89	662	0.87	<0.01	0.66	32.9
6163 Dup		4.91	7.80	0.07	0.05	0.03	0.03	19.8	54.5	0.93	649	0.90	<0.01	0.67	34.0
QCV1109-00167-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6001	Soil	380	35.0	2.3	<0.01	0.02	1.51	1.8	0.3	<0.2	5.6	0.02	0.04	7.2	<0.005
6001 Dup		351	32.9	2.3	<0.01	0.02	1.44	1.2	0.3	0.2	5.4	<0.01	0.03	6.4	<0.005
QCV1109-00167-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.8				1.61		14.3	14.7					
6019	Soil	568	79.3	2.0	<0.01	<0.01	0.13	3.1	<0.2	<0.2	6.5	<0.01	0.09	19.2	<0.005
6019 Dup		536	74.4	1.9	<0.01	<0.01	0.15	3.0	<0.2	<0.2	6.0	<0.01	0.08	17.5	<0.005
QCV1109-00167-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.1				1.43		14.5	14.6					
6037	Soil	837	22.6	5.1	<0.01	0.05	0.57	0.8	0.2	0.4	8.2	<0.01	0.05	1.3	0.009
6037 Dup		837	23.3	5.4	<0.01	0.05	0.54	0.8	0.4	0.4	8.6	<0.01	0.05	1.1	0.009
QCV1109-00167-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.5				1.64		13.8	15.4					
6055	Soil	491	97.0	1.4	<0.01	<0.01	0.22	3.0	<0.2	<0.2	5.0	<0.01	0.09	12.7	<0.005
6055 Dup		476	96.7	1.3	<0.01	<0.01	0.25	2.9	<0.2	<0.2	4.9	<0.01	0.08	11.7	<0.005
QCV1109-00167-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
6073	Soil	459	20.2	2.6	<0.01	0.04	0.34	1.4	0.2	<0.2	7.1	<0.01	0.04	6.9	<0.005
6073 Dup		463	18.7	2.4	<0.01	0.04	0.34	1.3	<0.2	<0.2	6.6	<0.01	0.04	7.0	<0.005
QCV1109-00167-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.4				1.44		12.4	14.6					
6091	Soil	411	22.0	3.4	<0.01	0.03	0.23	0.4	<0.2	0.2	5.0	0.01	<0.01	<0.2	0.010
6091 Dup		395	21.4	3.4	<0.01	0.03	0.23	0.4	0.3	0.2	5.0	0.01	0.01	<0.2	0.010
QCV1109-00167-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.5				1.49		12.0	15.7					
6109	Soil	935	49.1	5.3	<0.01	0.02	1.63	1.0	<0.2	0.3	11.0	<0.01	0.10	4.5	0.006
6109 Dup		950	47.4	5.2	<0.01	0.02	1.62	1.0	0.2	0.3	11.0	<0.01	0.11	4.4	0.006
QCV1109-00167-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.53		13.3	17.1					
6127	Soil	425	10.8	2.4	<0.01	0.02	0.33	0.4	<0.2	<0.2	6.4	<0.01	0.03	0.4	<0.005
6127 Dup		421	10.6	2.5	<0.01	0.02	0.32	0.4	<0.2	<0.2	6.6	<0.01	0.02	0.3	<0.005
QCV1109-00167-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.4				1.79		13.1	17.0					

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Certificate of Analysis

11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6145	Soil	645	19.1	2.6	<0.01	0.02	1.17	0.6	0.2	<0.2	18.6	<0.01	0.03	0.8	<0.005
6145 Dup		658	18.8	2.5	<0.01	0.02	1.12	0.6	<0.2	<0.2	17.6	<0.01	0.04	0.8	<0.005
QCV1109-00167-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
6163	Soil	782	30.9	4.8	<0.01	0.02	0.82	2.0	0.2	0.3	5.9	<0.01	0.10	8.0	0.009
6163 Dup		801	30.1	5.0	<0.01	0.02	0.83	2.1	<0.2	0.3	6.3	<0.01	0.08	8.1	0.009
QCV1109-00167-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Richmond, British Columbia V7A 4V5
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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6001	Soil	<0.05	0.71	25	0.07	3.72	53	1.7
6001 Dup		<0.05	0.70	24	0.06	3.46	50	1.5
QCV1109-00167-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
6019	Soil	<0.05	2.04	68	<0.05	3.75	147	3.4
6019 Dup		<0.05	1.93	64	<0.05	3.50	137	3.2
QCV1109-00167-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
6037	Soil	0.07	0.95	43	0.12	2.57	79	0.6
6037 Dup		0.07	0.91	43	0.12	2.69	79	0.5
QCV1109-00167-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
6055	Soil	<0.05	1.39	62	<0.05	2.92	141	2.0
6055 Dup		<0.05	1.30	60	<0.05	2.89	139	1.9
QCV1109-00167-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5139	
6073	Soil	<0.05	0.94	33	<0.05	3.42	53	2.6
6073 Dup		<0.05	0.92	33	<0.05	3.29	54	2.6
QCV1109-00167-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
6091	Soil	0.05	0.57	16	0.46	1.85	21	<0.5
6091 Dup		0.05	0.55	16	0.43	1.88	20	<0.5
QCV1109-00167-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	
6109	Soil	0.05	0.84	23	0.55	1.35	86	<0.5
6109 Dup		0.05	0.83	23	0.54	1.36	88	<0.5
QCV1109-00167-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
6127	Soil	<0.05	0.44	18	0.06	1.21	33	<0.5
6127 Dup		<0.05	0.42	18	0.08	1.23	33	<0.5
QCV1109-00167-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	

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11-360-06685-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6145	Soil	<0.05	1.15	15	0.08	1.61	79	<0.5
6145 Dup		<0.05	1.24	16	0.08	1.64	82	<0.5
QCV1109-00167-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5069	
6163	Soil	<0.05	0.81	54	0.16	1.98	116	1.3
6163 Dup		<0.05	0.79	54	0.16	2.04	116	1.2
QCV1109-00167-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5239	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soils 4**
Description: **3 ACE**

Date Received: 09/02/2011
Date Completed: 09/22/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	178	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5644	Soil	<0.005	0.16	0.45	4.8	23	0.08	0.13	0.04	0.10	6.52	2.1	6	0.37	11.0
5645	Soil	<0.005	0.13	1.00	13.7	21	0.11	0.38	0.02	0.07	21.77	7.9	17	0.52	21.9
5646	Soil	<0.005	0.07	0.80	18.1	20	0.17	0.49	<0.01	0.04	17.89	5.0	12	0.61	20.4
5647	Soil	<0.005	0.10	1.16	13.1	25	0.15	0.32	0.03	0.08	13.15	6.6	17	0.50	18.7
5648	Soil	<0.005	0.07	1.37	26.6	41	0.26	0.40	0.03	0.09	16.13	10.8	21	0.79	23.5
5649	Soil	0.005	0.12	1.34	17.1	30	0.24	0.36	0.04	0.09	13.31	7.8	19	0.86	20.5
5650	Soil	<0.005	0.11	1.62	30.6	27	0.17	0.46	0.04	0.14	14.89	11.1	25	0.79	26.8
5651	Soil	<0.005	0.10	0.79	14.9	13	0.17	0.33	0.02	0.08	12.54	6.5	12	0.42	21.4
5652	Soil	<0.005	0.07	1.00	11.2	36	0.15	0.34	0.01	0.17	13.12	9.6	23	0.68	22.4
5653	Soil	<0.005	0.07	1.30	29.9	38	0.25	0.41	0.14	0.11	18.34	9.5	24	1.13	17.1
5654	Soil	<0.005	0.21	0.99	14.6	45	0.15	0.34	0.03	0.24	15.10	9.2	19	0.90	19.1
5655	Soil	<0.005	0.09	0.89	14.0	107	0.22	0.35	0.05	0.10	18.83	7.8	13	1.34	16.0
5656	Soil	0.007	0.13	1.19	22.8	32	0.19	0.29	0.03	0.17	15.72	11.2	32	0.92	20.1
5657	Soil	<0.005	0.07	0.50	13.3	32	0.12	0.23	<0.01	0.06	15.10	3.3	9	1.16	11.2
5658	Soil	0.008	0.15	1.32	26.7	34	0.21	0.45	0.06	0.28	14.25	13.9	25	0.81	24.3
5659	Soil	<0.005	0.15	0.93	21.0	34	0.10	0.31	0.02	0.10	11.78	6.9	18	0.95	16.2
5660	Soil	0.009	0.10	0.82	9.7	30	0.11	0.23	0.02	0.09	6.67	4.5	12	0.93	11.4
5661	Soil	<0.005	0.09	1.42	22.2	34	0.10	0.62	0.02	0.10	11.03	8.3	28	1.55	18.8
5662	Soil	0.009	0.09	1.61	23.2	25	0.18	0.73	0.02	0.07	12.43	8.7	26	2.43	26.9
5663	Soil	<0.005	0.06	1.99	17.9	25	0.18	0.40	0.05	0.09	17.74	12.5	30	1.01	31.7
5664	Soil	0.007	0.04	1.39	15.5	23	0.16	0.42	0.02	0.07	10.90	7.2	21	1.36	19.8
5665	Soil	0.028	0.06	1.90	96.5	26	0.29	0.43	0.01	0.05	22.74	24.8	30	2.07	49.1
5666	Soil	0.031	0.07	1.18	23.0	22	0.10	0.41	0.02	0.11	14.24	6.1	22	1.47	18.1
5667	Soil	0.006	0.06	0.70	28.1	16	0.10	0.39	0.02	0.07	23.49	4.4	12	0.78	14.1
5668	Soil	0.010	0.20	0.91	190.1	45	0.27	0.31	0.11	0.33	15.89	12.8	23	1.20	24.9
5669	Soil	0.071	0.11	0.59	36.2	33	0.54	0.37	0.82	0.11	14.94	13.6	8	1.78	32.5
5670	Soil	0.032	0.18	0.47	101.2	20	0.09	0.29	0.01	0.09	16.30	4.2	9	0.79	20.6
5671	Soil	0.023	0.21	0.63	36.3	23	0.14	0.17	0.02	0.12	10.64	4.7	8	0.69	14.9
5672	Soil	0.029	0.33	0.45	164.5	25	0.14	0.50	0.02	0.12	20.28	5.7	10	1.10	28.7
5673	Soil	0.402	0.22	0.24	217.2	15	0.11	0.64	<0.01	0.10	13.84	18.0	9	2.02	41.2
5674	Soil	0.214	1.07	0.26	3239.5	45	0.19	0.55	<0.01	2.16	22.24	13.2	8	1.58	39.6
5675	Soil	0.113	3.18	0.26	1852.9	24	0.08	0.45	0.02	0.57	14.45	2.2	7	0.91	14.2
5676	Soil	0.167	1.01	0.65	1840.0	41	0.14	0.37	0.01	1.01	20.22	5.7	15	1.19	28.9
5677	Soil	0.109	1.25	1.05	931.9	27	0.19	0.37	<0.01	0.39	14.34	9.9	18	0.83	29.9
5678	Soil	0.125	0.65	0.30	509.7	32	0.07	0.28	<0.01	0.34	13.32	4.1	9	0.77	16.1
5679	Soil	0.110	0.75	0.29	2002.8	37	0.08	0.36	<0.01	0.80	12.06	5.9	10	0.70	27.8
5680	Soil	0.093	0.39	0.64	948.5	24	0.21	0.30	<0.01	1.09	13.63	6.9	12	0.96	22.9
5681	Soil	0.007	0.09	1.22	16.7	40	0.27	0.32	0.04	0.19	18.98	11.3	20	0.57	23.4
5682	Soil	0.009	0.07	0.29	3.1	23	0.06	0.09	0.03	0.12	3.10	3.1	6	0.28	5.5
5683	Soil	0.007	0.11	1.16	14.4	47	0.21	0.42	0.02	0.26	20.22	9.5	29	0.88	19.7

3Ace Property, Northern Tiger Resources Inc.

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Buchanan et al., 2011

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Certificate of Analysis

11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5684	Soil	0.008	0.04	1.34	17.6	36	0.34	0.33	0.02	0.12	22.60	11.8	22	0.78	27.3
5685	Soil	0.005	0.07	0.75	11.1	45	0.25	0.37	0.02	0.26	16.49	8.7	31	0.75	17.6
5686	Soil	0.006	0.12	1.58	15.2	34	0.35	0.31	0.04	0.20	21.12	13.8	24	0.67	27.0
5687	Soil	0.008	0.05	1.05	12.7	43	0.18	0.39	0.01	0.18	15.08	15.0	27	1.05	19.6
5688	Soil	0.005	0.07	1.18	11.5	29	0.24	0.31	0.02	0.17	16.15	7.9	21	0.57	18.1
5689	Soil	<0.005	0.04	1.08	10.5	61	0.26	0.26	0.02	0.24	13.75	12.2	32	0.79	26.5
5690	Soil	0.013	0.10	1.08	15.3	33	0.27	0.25	0.03	0.22	15.86	9.0	19	0.61	18.1
5691	Soil	0.006	0.10	0.67	16.0	31	0.14	0.16	0.13	0.34	7.37	4.9	25	0.73	8.2
5692	Soil	<0.005	0.19	1.56	48.0	36	0.42	0.36	0.12	0.21	11.59	8.6	43	1.37	18.6
5693	Soil	0.006	0.07	1.25	16.9	23	0.30	0.29	0.03	0.15	14.93	11.8	20	0.53	22.6
5694	Soil	0.016	0.06	1.30	2.4	47	0.54	0.37	0.07	0.22	14.98	14.7	26	0.80	18.1
5695	Soil	0.008	0.08	1.22	19.4	20	0.23	0.29	0.02	0.09	13.77	17.0	19	0.42	31.9
5696	Soil	<0.005	0.07	0.42	7.2	26	0.15	0.06	0.14	0.09	3.62	1.4	3	0.35	5.4
5697	Soil	0.012	0.06	1.46	55.4	31	0.30	0.39	0.02	0.09	19.24	14.2	23	1.05	29.7
5698	Soil	0.021	0.05	1.53	22.3	21	0.29	0.36	0.03	0.10	19.72	11.9	23	0.70	25.6
5699	Soil	0.010	0.04	1.59	22.0	25	0.33	0.32	0.02	0.12	22.34	12.2	23	0.50	24.3
5700	Soil	0.079	0.08	1.58	30.4	35	0.30	0.32	0.03	0.17	18.45	12.7	31	0.79	26.8
5701	Soil	0.005	0.06	1.06	13.9	23	0.19	0.25	0.01	0.13	12.32	7.4	16	0.36	15.5
5702	Soil	0.010	0.06	1.41	32.6	81	0.27	0.42	0.05	0.15	22.04	13.6	25	1.37	20.6
5703	Soil	0.013	0.04	1.07	10.1	40	0.20	0.31	0.04	0.06	19.37	3.0	14	1.16	17.3
5704	Soil	0.011	0.10	1.70	34.2	26	0.19	0.42	0.01	0.09	18.04	11.1	27	1.30	20.5
5705	Soil	0.007	0.34	1.88	42.9	34	1.43	1.71	0.03	0.07	30.62	48.2	23	2.61	107.3
5706	Soil	0.009	0.06	1.85	29.6	28	0.47	0.37	0.03	0.12	21.56	22.6	31	1.03	42.0
5707	Soil	0.012	0.11	1.44	52.3	23	0.48	0.45	0.03	0.13	22.86	25.8	24	1.47	42.5
5708	Soil	0.013	0.12	1.82	60.6	41	0.56	0.56	0.07	0.22	28.32	31.5	30	1.19	57.0
5709	Soil	0.011	0.24	1.61	29.1	45	0.57	0.47	0.18	0.26	16.63	16.2	26	1.32	42.3
5710	Soil	0.020	0.17	1.54	59.2	39	0.57	0.34	0.06	0.16	20.08	19.5	25	1.80	31.5
5711	Soil	0.058	0.13	1.67	101.4	60	0.74	0.45	0.15	0.26	23.79	27.7	30	2.52	52.6
5712	Soil	0.016	0.15	0.38	188.9	24	0.12	0.22	0.02	0.13	10.17	3.6	8	1.04	12.8
5713	Soil	0.013	0.10	1.86	93.2	28	0.28	0.46	<0.01	0.11	29.56	9.0	27	1.62	28.2
5714	Soil	0.093	0.17	0.28	99.1	21	0.13	0.24	<0.01	0.08	29.59	6.9	7	1.54	21.2
5715	Soil	1.375	0.48	0.43	2111.2	120	0.23	0.50	<0.01	1.15	19.80	9.7	7	3.55	68.6
5716	Soil	0.150	0.16	0.32	473.7	33	0.19	0.58	<0.01	0.20	20.15	15.1	13	1.65	39.1
5717	Soil	0.022	0.24	0.28	568.9	32	0.14	0.31	<0.01	0.25	13.34	6.9	8	2.45	26.4
5718	Soil	0.091	0.29	1.28	371.6	38	0.65	0.44	0.24	0.69	15.99	17.9	26	2.30	48.4
5719	Soil	0.116	0.48	0.20	735.8	28	0.11	0.29	0.01	0.66	17.80	2.8	16	0.90	15.0
5720	Soil	0.023	4.09	0.21	1158.2	62	0.13	0.44	0.02	0.95	11.35	7.5	11	1.86	32.6
5721	Soil	0.055	0.36	0.30	496.9	24	0.15	0.51	<0.01	0.78	20.27	8.1	19	1.60	44.5
5722	Soil	0.030	0.48	0.30	250.2	20	0.06	0.14	0.01	0.19	18.84	2.2	4	0.89	11.3
5723	Soil	<0.005	0.09	2.32	14.3	86	1.27	0.34	0.52	0.20	33.49	20.7	50	0.98	58.9

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5724	Soil	0.011	0.16	1.44	21.9	114	1.18	0.26	0.46	0.44	31.89	24.6	37	0.73	81.4
5725	Soil	0.032	0.11	1.94	14.7	101	1.24	0.29	0.52	0.26	35.09	25.2	45	0.80	71.3
5726	Soil	0.012	0.11	1.66	20.1	34	0.90	0.29	0.10	0.18	29.22	20.9	34	1.52	69.0
5727	Soil	0.009	0.11	2.33	58.4	45	0.78	0.46	0.11	0.18	32.84	28.0	40	1.15	59.9
5728	Soil	0.091	0.09	2.04	149.6	25	0.56	0.41	0.10	0.24	33.84	24.9	35	1.63	59.8
5729	Soil	<0.005	0.11	2.34	17.4	31	0.85	0.40	0.09	0.23	35.26	25.0	42	2.24	85.4
5730	Soil	0.586	0.17	1.75	590.9	37	0.56	0.39	0.04	0.35	33.53	24.5	32	2.25	48.8
5731	Soil	0.361	0.26	0.34	775.6	37	0.57	0.35	0.03	0.97	17.92	19.3	21	2.53	32.3
5732	Soil	0.479	0.28	0.32	763.1	39	0.47	0.35	0.03	0.94	18.10	21.2	14	2.48	30.2
5733	Soil	0.326	0.51	0.38	695.5	43	0.46	0.34	0.04	0.62	20.37	20.1	15	3.13	27.1
5734	Soil	0.030	0.20	1.24	400.1	30	0.59	0.49	0.37	0.20	27.59	19.2	21	3.98	41.5
5735	Soil	0.010	0.13	1.84	73.6	38	0.41	0.49	0.55	0.21	21.42	12.5	27	2.59	21.3
5736	Soil	0.013	0.07	1.40	183.1	41	0.37	0.36	0.21	0.21	18.26	10.8	22	2.33	17.3
5737	Soil	0.009	0.17	1.56	175.0	43	0.41	0.35	0.26	0.20	16.59	9.7	25	2.36	17.6
5738	Soil	0.015	0.13	1.61	82.3	41	0.46	0.34	0.17	0.29	24.42	10.6	27	2.85	21.1
5739	Soil	0.019	0.11	1.28	76.4	56	0.58	0.44	0.02	0.15	23.55	6.2	17	3.36	20.3
5740	Soil	0.013	0.10	1.15	50.8	41	0.27	0.45	0.01	0.16	27.84	7.3	19	2.50	17.9
5741	Soil	0.022	0.20	0.84	47.4	37	0.27	0.33	0.01	0.11	29.11	7.8	15	2.41	17.0
5742	Soil	0.010	0.08	2.24	26.2	23	0.73	0.54	0.03	0.23	44.16	22.8	38	3.59	58.1
5743	Soil	0.012	0.19	2.43	21.9	21	0.61	0.43	<0.01	0.25	44.04	29.2	40	3.39	51.0
5744	Soil	0.016	0.20	1.70	52.5	57	0.69	0.46	0.42	0.27	19.44	16.3	25	3.57	38.0
5745	Soil	0.016	0.14	1.61	50.4	41	0.61	0.42	0.24	0.20	19.28	17.8	27	2.55	37.2
5746	Soil	0.097	0.14	1.02	320.4	40	0.64	0.53	0.09	0.19	36.03	18.0	19	1.89	47.5
5747	Soil	0.040	0.15	1.62	135.9	63	0.63	0.58	0.13	0.14	27.82	19.3	26	1.66	36.7
5748	Soil	0.012	0.42	1.14	78.8	61	1.65	0.44	0.77	1.19	39.81	25.4	17	0.53	62.7
5749	Soil	0.005	0.09	1.59	30.8	69	0.95	0.44	0.09	0.54	34.37	20.3	30	0.68	25.7
5750	Soil	0.007	0.11	0.99	74.7	67	0.64	0.43	0.14	0.58	17.92	19.7	20	0.69	56.4
5751	Soil	0.006	0.05	1.63	2.4	47	0.58	0.28	0.13	0.26	18.55	24.0	61	0.76	18.2
5752	Soil	0.008	0.05	0.40	7.0	39	0.16	0.20	0.04	0.23	8.62	3.0	11	0.45	7.0
5753	Soil	0.007	0.08	1.14	17.1	66	0.41	0.41	0.11	0.39	9.41	11.4	33	0.94	13.1
5754	Soil	0.018	0.09	0.80	12.3	33	0.30	0.30	0.44	0.08	10.42	6.5	10	0.41	13.7
5755	Soil	0.011	0.09	1.37	28.6	61	0.30	0.72	0.02	0.14	20.06	12.9	28	2.35	19.5
5756	Soil	0.010	0.06	1.61	54.7	59	0.78	0.55	0.37	0.26	20.88	18.6	39	1.98	35.6
5757	Soil	0.007	0.03	1.14	28.7	51	0.25	0.62	0.01	0.11	24.21	12.4	23	1.33	14.0
5758	Soil	0.027	0.08	1.44	48.8	63	0.53	0.55	0.03	0.24	29.31	14.5	25	1.33	23.0
5759	Soil	0.016	0.09	1.37	57.1	40	0.33	0.62	0.03	0.12	30.16	11.7	24	0.88	23.0
5760	Soil	0.019	0.10	1.87	80.1	29	0.52	0.77	0.02	0.18	30.68	25.0	31	1.63	37.8
5761	Soil	0.008	0.12	1.03	32.5	34	0.25	0.53	0.01	0.13	21.56	8.4	17	0.75	17.0
5762	Soil	0.028	0.12	1.68	122.5	27	0.65	1.05	0.02	0.17	20.73	21.3	25	1.43	47.6
5763	Soil	0.013	0.29	1.49	84.4	44	0.46	0.78	0.02	0.17	26.29	13.2	28	1.59	30.4

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5764	Soil	0.021	0.21	1.12	49.8	72	0.54	0.61	0.02	0.38	22.14	11.3	19	1.80	23.1
5765	Soil	0.015	0.10	0.95	78.8	45	0.45	0.69	0.01	0.21	26.67	13.5	17	1.89	26.6
5766	Soil	0.013	0.16	0.94	75.2	46	0.31	0.78	0.02	0.32	24.86	12.7	23	1.65	24.4
5767	Soil	0.019	0.08	1.06	38.5	51	0.63	0.67	0.03	0.13	17.36	15.5	12	1.57	24.8
5768	Soil	0.020	0.10	0.97	46.1	56	0.67	0.51	0.06	0.27	18.63	25.2	12	1.68	33.9
5769	Soil	0.007	0.05	0.34	8.4	21	0.14	0.09	0.03	0.13	6.06	2.2	4	0.41	5.0
5770	Soil	0.029	0.08	1.35	69.2	44	1.17	0.50	0.11	0.10	21.33	31.1	15	1.51	39.9
5771	Soil	0.111	0.32	1.73	159.7	50	2.27	1.09	0.33	0.30	43.85	71.5	21	1.29	75.8
5772	Soil	0.036	0.28	1.64	144.5	89	1.99	1.01	1.01	0.55	31.45	58.0	21	3.31	75.5
5773	Soil	0.044	0.16	2.56	106.8	39	2.49	1.05	0.03	0.17	20.04	30.3	32	4.90	121.4
5774	Soil	0.013	0.06	1.42	36.9	26	0.32	0.48	<0.01	0.10	22.88	12.7	22	2.30	30.0
5775	Soil	0.017	0.13	0.38	54.0	24	0.49	0.39	<0.01	0.14	13.25	15.4	7	1.88	27.6
5776	Soil	0.016	0.07	0.96	102.3	73	0.53	0.44	0.01	0.17	29.96	20.5	23	2.61	32.0
5777	Soil	0.039	0.36	1.12	95.7	62	2.03	0.51	0.21	0.47	41.33	30.7	17	1.34	53.4
5778	Soil	0.033	0.27	0.98	128.9	32	0.50	0.27	0.03	0.30	18.89	11.3	15	1.20	18.9
5779	Soil	0.011	0.14	1.30	103.4	45	0.53	0.37	0.02	0.09	27.83	15.6	22	3.00	42.1
5780	Soil	0.014	0.30	1.23	94.1	58	0.60	0.71	0.01	0.12	14.90	22.6	20	2.26	51.0
5781	Soil	0.008	0.29	1.29	29.2	139	0.44	0.69	0.01	0.36	18.02	18.4	28	3.88	20.6
5782	Soil	0.019	0.12	1.86	162.4	45	0.56	0.65	0.02	0.27	18.25	21.4	34	3.50	26.6
5783	Soil	0.010	0.13	2.12	67.4	39	0.50	0.70	0.01	0.19	15.95	16.2	37	2.77	18.5
5784	Soil	0.012	0.18	1.76	56.0	36	0.42	0.64	<0.01	0.13	15.94	12.4	31	3.15	21.0
5785	Soil	0.011	0.09	1.85	41.8	29	0.49	0.42	0.02	0.13	16.93	9.6	29	1.96	18.3
5786	Soil	0.010	0.08	1.92	55.1	42	0.77	0.68	0.02	0.20	19.44	10.9	34	2.68	20.3
5787	Soil	0.022	0.22	1.59	212.4	36	0.61	0.51	0.03	0.13	19.58	18.4	22	1.54	32.9
5788	Soil	0.020	0.09	2.10	141.8	32	0.93	0.53	0.06	0.17	34.46	23.0	35	1.62	39.4
5789	Soil	0.100	0.71	0.34	778.1	40	0.20	0.48	<0.01	0.49	13.38	3.2	7	0.76	18.5
5790	Soil	0.050	0.93	0.25	214.3	19	0.10	0.09	0.01	0.20	4.26	1.6	6	0.78	4.7
5791	Soil	0.076	1.31	0.71	864.3	36	0.42	0.69	<0.01	1.15	13.65	10.7	16	1.85	34.3
5792	Soil	0.099	0.83	0.99	938.0	39	0.51	0.60	0.02	1.04	20.67	11.3	17	1.42	27.6
5793	Soil	0.058	0.40	0.50	617.2	30	0.29	0.40	0.02	0.75	12.99	9.9	12	1.16	22.4
1036	Soil	0.013	0.12	1.50	31.4	84	1.35	0.50	0.22	0.30	29.19	31.4	35	1.41	39.5
1037	Soil	0.011	0.14	1.27	29.8	69	1.41	0.50	0.41	0.20	18.26	19.6	21	0.87	41.6
1038	Soil	0.011	0.15	1.58	22.8	90	1.74	0.59	0.50	0.36	16.63	19.7	22	1.04	72.2
1039	Soil	0.013	0.10	1.15	8.7	107	1.49	0.37	0.25	0.24	21.71	23.4	34	0.80	61.9
1040	Soil	0.012	0.06	1.11	2.6	37	1.05	0.24	0.06	0.23	16.72	15.4	31	1.57	50.9
1041	Soil	0.029	0.18	1.90	34.3	34	1.76	1.06	0.11	0.12	16.64	28.6	33	1.54	107.8
1042	Soil	0.028	0.08	2.19	35.1	39	1.55	0.53	0.09	0.14	24.69	26.8	39	1.95	55.0
1043	Soil	0.011	0.07	2.50	23.1	39	1.24	0.63	0.10	0.13	28.69	36.4	43	2.56	66.1
1044	Soil	0.072	0.07	1.63	163.9	40	1.22	0.74	0.11	0.16	33.48	30.6	29	3.01	54.6
1045	Soil	0.135	0.09	1.75	197.6	38	1.36	0.71	0.09	0.51	32.49	32.2	39	2.70	61.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1046	Soil	0.658	0.21	0.79	598.0	120	1.59	0.64	0.19	0.24	29.47	29.2	15	4.84	41.5
1047	Soil	0.523	0.39	1.40	618.9	41	1.14	0.62	0.09	0.42	26.74	32.6	25	4.74	39.0
1048	Soil	0.640	0.42	2.18	407.6	33	0.97	0.59	0.04	0.17	24.21	24.3	37	2.13	36.7
1049	Soil	0.019	0.17	0.62	107.8	40	0.69	0.45	0.02	0.26	22.25	25.7	21	2.13	30.4
1050	Soil	0.028	0.13	0.58	80.2	35	0.54	0.34	0.03	0.36	14.18	17.3	22	1.32	24.3
1051	Soil	0.017	0.20	0.19	83.0	40	0.42	0.46	0.05	0.92	24.70	13.2	14	2.02	16.7
1052	Soil	0.013	0.11	2.00	27.2	27	0.80	0.80	0.17	0.09	31.99	25.6	34	2.21	52.0
1053	Soil	0.010	0.20	1.33	67.0	46	0.51	0.52	0.06	0.46	19.73	13.5	32	1.01	26.8
1054	Soil	0.021	0.16	1.32	67.6	37	0.69	0.47	0.06	0.54	12.39	15.2	27	1.92	22.8
1055	Soil	0.020	0.27	1.27	89.3	116	1.09	0.45	0.17	0.58	12.54	14.4	18	3.22	22.0
1056	Soil	0.089	0.26	0.71	207.4	30	0.91	0.61	0.06	0.15	23.17	22.0	16	2.04	41.1
1057	Soil	0.023	0.22	0.89	42.4	59	0.72	0.54	0.18	0.25	17.53	12.1	18	2.06	32.5
1058	Soil	0.103	0.18	0.75	322.6	43	0.67	0.58	0.01	0.47	20.24	14.6	15	1.59	29.6
1059	Soil	0.020	0.27	0.76	234.3	63	0.62	0.37	0.02	0.28	12.03	13.2	10	1.20	20.3
1060	Soil	0.024	0.21	0.73	102.7	69	0.59	0.49	<0.01	0.34	17.64	14.8	12	2.14	17.3
1061	Soil	0.013	0.23	1.11	24.4	64	0.67	0.40	0.03	0.28	12.92	12.0	15	2.00	21.5
1062	Soil	0.011	0.16	1.26	78.6	48	0.90	0.55	0.01	0.19	19.30	17.9	19	2.06	22.8
1063	Soil	0.016	0.31	0.66	35.5	65	0.41	0.25	0.02	0.27	11.05	6.3	6	0.91	11.4

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5644	Soil	0.71	2.32	<0.05	0.42	<0.01	0.03	3.4	1.6	0.04	39	0.81	0.01	0.49	4.6
5645	Soil	3.05	5.58	<0.05	0.03	0.01	0.03	10.1	15.0	0.33	213	1.21	<0.01	0.67	18.9
5646	Soil	2.29	5.98	<0.05	0.02	0.01	0.02	9.7	8.4	0.16	180	1.38	<0.01	0.47	10.4
5647	Soil	2.71	4.95	<0.05	<0.02	0.01	0.03	6.8	15.1	0.35	234	0.90	<0.01	0.45	17.0
5648	Soil	3.23	6.34	<0.05	<0.02	0.02	0.04	8.0	14.6	0.32	758	1.04	<0.01	0.36	17.1
5649	Soil	2.73	5.18	<0.05	0.02	0.02	0.03	6.4	16.5	0.37	459	0.88	<0.01	0.34	16.1
5650	Soil	3.70	5.52	<0.05	0.05	0.02	0.03	7.0	24.0	0.57	546	1.02	<0.01	0.45	25.4
5651	Soil	2.15	3.61	<0.05	0.03	0.01	0.02	6.2	12.3	0.24	103	0.90	<0.01	0.23	17.5
5652	Soil	3.30	5.56	<0.05	<0.02	0.02	0.02	6.4	14.2	0.38	715	1.95	<0.01	0.33	16.4
5653	Soil	2.79	6.31	<0.05	0.03	0.02	0.03	9.8	22.8	0.39	375	1.74	<0.01	0.52	17.6
5654	Soil	2.71	5.91	<0.05	<0.02	0.01	0.04	7.4	12.2	0.28	986	1.56	<0.01	0.24	16.2
5655	Soil	1.69	5.01	<0.05	0.02	0.01	0.03	10.1	5.6	0.10	1368	1.09	<0.01	0.11	9.1
5656	Soil	2.80	4.77	<0.05	0.02	0.02	0.03	7.6	21.0	0.43	757	1.73	<0.01	0.23	29.3
5657	Soil	1.31	3.92	<0.05	<0.02	<0.01	0.02	8.0	3.2	0.06	251	0.90	<0.01	0.14	6.4
5658	Soil	3.16	5.19	0.05	0.04	0.06	0.03	6.8	26.1	0.54	782	1.42	<0.01	0.32	29.1
5659	Soil	2.62	5.22	<0.05	<0.02	0.02	0.02	6.1	13.2	0.27	727	0.85	<0.01	0.19	13.1
5660	Soil	1.65	4.79	<0.05	<0.02	0.02	0.02	3.4	8.6	0.16	429	0.78	<0.01	0.23	8.6
5661	Soil	3.52	7.80	<0.05	0.03	0.02	0.02	5.3	23.6	0.47	557	0.91	<0.01	0.41	22.2
5662	Soil	3.75	7.48	<0.05	0.02	0.02	0.03	5.7	22.4	0.48	406	1.16	<0.01	0.40	20.9
5663	Soil	3.62	7.11	<0.05	0.11	0.02	0.02	8.8	41.2	0.79	479	0.84	<0.01	0.34	36.8
5664	Soil	2.92	6.76	<0.05	<0.02	0.02	0.03	5.4	20.1	0.40	281	0.85	<0.01	0.36	18.6
5665	Soil	3.93	6.73	<0.05	0.13	0.02	0.02	11.9	37.4	0.70	828	0.90	<0.01	0.35	33.0
5666	Soil	3.13	6.72	<0.05	<0.02	0.02	0.03	8.0	19.6	0.37	274	1.29	<0.01	0.42	19.9
5667	Soil	2.32	6.82	<0.05	<0.02	0.01	0.02	12.0	4.0	0.09	117	1.26	<0.01	0.74	9.9
5668	Soil	3.07	3.93	<0.05	<0.02	0.03	0.03	6.8	12.6	0.22	736	1.81	<0.01	0.42	27.0
5669	Soil	2.71	1.61	<0.05	0.11	0.03	0.03	7.2	7.3	0.13	659	0.88	0.01	0.27	30.0
5670	Soil	1.42	3.73	<0.05	<0.02	0.01	0.03	9.2	5.0	0.12	95	1.01	<0.01	0.27	12.2
5671	Soil	1.15	2.76	<0.05	<0.02	<0.01	0.03	5.7	5.2	0.10	90	0.81	0.01	0.22	11.4
5672	Soil	1.73	3.58	<0.05	0.03	0.02	0.04	11.1	1.8	0.04	96	1.09	<0.01	0.54	15.2
5673	Soil	2.59	1.57	<0.05	<0.02	0.02	0.03	8.5	1.0	0.03	193	1.00	<0.01	0.13	34.9
5674	Soil	2.64	1.67	0.06	<0.02	0.48	0.04	12.9	2.3	0.06	352	0.87	<0.01	0.07	25.2
5675	Soil	1.29	2.89	<0.05	<0.02	0.62	0.04	8.6	0.9	0.02	46	1.06	<0.01	0.12	6.0
5676	Soil	3.30	4.59	0.05	<0.02	0.16	0.04	11.1	11.1	0.21	203	1.37	<0.01	0.36	17.1
5677	Soil	3.15	4.37	<0.05	0.06	0.12	0.02	7.9	23.5	0.40	367	1.05	<0.01	0.27	27.7
5678	Soil	1.53	3.00	<0.05	1.33	0.12	0.03	7.3	1.9	0.04	284	1.22	<0.01	0.32	10.7
5679	Soil	2.13	2.27	<0.05	0.17	0.13	0.03	6.7	3.6	0.07	142	1.35	<0.01	0.12	17.1
5680	Soil	2.38	2.75	<0.05	0.18	0.09	0.02	7.5	12.0	0.20	211	0.86	<0.01	0.22	19.5
5681	Soil	2.79	5.10	<0.05	0.08	0.02	0.03	8.7	20.8	0.39	496	1.07	<0.01	0.30	26.7
5682	Soil	0.63	2.28	<0.05	0.11	<0.01	0.03	1.6	2.3	0.05	401	0.84	0.01	0.08	5.4
5683	Soil	3.26	7.78	<0.05	0.04	0.02	0.04	9.8	10.7	0.21	901	2.48	<0.01	0.72	23.2

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5684	Soil	2.95	5.86	<0.05	0.04	0.03	0.03	10.7	22.3	0.44	336	1.22	<0.01	0.30	29.2
5685	Soil	2.68	6.95	<0.05	0.03	0.02	0.03	8.3	4.8	0.10	622	3.47	<0.01	0.34	24.7
5686	Soil	3.14	6.00	<0.05	0.06	0.02	0.03	10.5	30.8	0.52	247	1.32	<0.01	0.49	39.4
5687	Soil	2.87	6.72	<0.05	0.03	0.02	0.03	7.5	14.5	0.25	1952	2.40	<0.01	0.28	26.4
5688	Soil	2.92	5.33	<0.05	0.05	0.02	0.03	6.1	17.2	0.31	321	1.30	<0.01	0.40	22.1
5689	Soil	2.78	5.32	<0.05	0.12	0.02	0.02	6.7	24.2	0.48	1000	2.70	<0.01	0.23	34.0
5690	Soil	2.33	5.29	<0.05	0.05	0.02	0.03	7.5	20.9	0.35	340	1.39	<0.01	0.25	24.4
5691	Soil	1.47	3.64	<0.05	0.06	<0.01	0.05	3.7	13.5	0.22	180	2.86	0.01	0.25	22.7
5692	Soil	2.46	5.52	0.06	0.12	0.06	0.03	5.7	26.4	0.47	408	2.46	<0.01	0.45	28.3
5693	Soil	2.70	4.94	<0.05	0.04	0.03	0.02	7.4	28.8	0.46	351	1.08	<0.01	0.30	29.3
5694	Soil	2.29	4.35	<0.05	0.08	0.02	0.04	6.9	45.5	0.82	986	1.75	<0.01	0.10	45.0
5695	Soil	2.81	4.48	<0.05	0.10	0.02	0.01	6.5	29.1	0.48	392	1.08	<0.01	0.20	31.2
5696	Soil	0.45	2.92	<0.05	0.06	<0.01	0.02	1.8	2.4	0.04	98	0.57	0.02	0.29	2.9
5697	Soil	3.13	6.42	<0.05	0.04	0.02	0.03	9.2	34.2	0.54	820	1.01	<0.01	0.28	31.0
5698	Soil	2.97	6.43	<0.05	0.07	0.02	0.02	10.2	36.8	0.57	451	1.01	<0.01	0.35	33.9
5699	Soil	3.09	5.87	<0.05	0.07	0.02	0.02	11.1	40.5	0.60	318	0.79	<0.01	0.38	34.5
5700	Soil	3.42	7.06	<0.05	0.05	0.02	0.03	9.0	36.2	0.61	640	1.65	<0.01	0.34	38.7
5701	Soil	2.43	5.09	<0.05	0.03	0.01	0.02	6.4	19.7	0.35	404	0.78	<0.01	0.23	19.4
5702	Soil	3.50	9.18	<0.05	<0.02	0.02	0.04	11.0	18.3	0.32	1566	1.46	<0.01	0.72	20.6
5703	Soil	1.12	6.40	<0.05	<0.02	0.02	0.04	9.9	9.7	0.17	93	0.98	0.01	0.27	9.7
5704	Soil	3.65	8.46	<0.05	<0.02	0.02	0.02	9.2	34.7	0.56	568	1.33	<0.01	0.71	31.3
5705	Soil	3.42	7.34	0.05	0.14	0.03	0.02	13.2	56.8	0.85	2713	1.83	<0.01	0.19	41.8
5706	Soil	3.75	6.93	0.05	0.13	0.02	0.02	10.5	54.9	0.79	1529	1.87	<0.01	0.30	52.5
5707	Soil	3.26	5.45	<0.05	0.13	0.02	0.02	11.3	39.8	0.66	1823	1.50	<0.01	0.08	48.5
5708	Soil	3.67	6.39	0.05	0.09	0.03	0.03	12.6	57.0	0.80	2326	1.77	<0.01	0.14	69.2
5709	Soil	2.94	6.76	<0.05	0.16	0.03	0.03	8.5	53.8	0.67	767	1.58	<0.01	0.24	42.8
5710	Soil	3.15	6.76	<0.05	0.05	0.03	0.03	9.9	44.8	0.51	586	1.38	<0.01	0.37	37.0
5711	Soil	3.89	8.10	<0.05	0.06	0.05	0.03	11.7	51.4	0.58	1073	1.58	<0.01	0.34	45.1
5712	Soil	1.00	2.87	<0.05	1.48	0.01	0.02	5.5	8.7	0.09	171	0.92	0.01	0.10	12.4
5713	Soil	4.45	9.09	<0.05	0.20	0.02	0.02	17.3	55.9	0.61	497	0.97	<0.01	0.70	37.2
5714	Soil	1.52	4.36	<0.05	0.12	0.01	0.02	17.5	1.2	0.02	117	0.77	<0.01	0.19	19.9
5715	Soil	1.97	2.31	<0.05	0.09	0.04	0.05	10.3	4.4	0.06	129	0.86	<0.01	0.15	29.0
5716	Soil	1.92	3.27	<0.05	0.06	0.02	0.03	11.8	3.6	0.04	310	1.12	<0.01	0.15	29.9
5717	Soil	1.54	3.75	<0.05	0.08	0.03	0.03	7.4	1.2	0.02	130	1.21	<0.01	0.16	20.5
5718	Soil	2.82	5.44	<0.05	0.13	0.03	0.03	8.2	46.1	0.49	611	2.01	<0.01	0.19	46.7
5719	Soil	1.60	3.53	<0.05	0.05	0.04	0.03	9.3	1.1	0.01	45	3.33	<0.01	0.14	18.0
5720	Soil	1.83	3.49	<0.05	0.02	0.49	0.04	6.7	0.6	0.01	743	1.22	<0.01	0.06	21.7
5721	Soil	2.22	3.51	<0.05	<0.02	0.07	0.03	11.1	0.6	0.01	118	2.79	<0.01	0.17	35.2
5722	Soil	0.84	3.35	<0.05	0.04	0.04	0.02	10.1	2.2	0.03	37	0.75	0.01	0.23	6.2
5723	Soil	3.64	9.53	<0.05	0.52	0.04	0.04	18.5	48.8	0.83	447	1.38	<0.01	0.68	84.8

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5724	Soil	3.28	6.18	<0.05	0.35	0.04	0.03	16.4	37.4	0.65	813	2.00	<0.01	0.49	84.2
5725	Soil	3.43	8.11	<0.05	0.34	0.04	0.04	18.4	46.5	0.87	609	1.46	<0.01	0.52	95.8
5726	Soil	3.32	6.76	0.07	0.06	0.06	0.03	13.6	81.4	1.02	564	1.04	<0.01	0.15	58.8
5727	Soil	4.25	10.41	0.10	0.07	0.04	0.02	16.4	108.2	1.16	1116	1.03	<0.01	0.16	68.0
5728	Soil	4.48	9.30	0.10	0.06	0.03	0.02	17.2	89.4	0.96	1169	1.05	<0.01	0.06	74.7
5729	Soil	4.23	10.78	0.07	0.07	0.02	0.02	17.1	111.2	1.09	707	1.44	<0.01	0.07	73.4
5730	Soil	3.95	8.06	0.06	0.05	0.04	0.03	16.3	83.0	0.80	1353	1.55	<0.01	0.12	66.5
5731	Soil	3.10	1.58	<0.05	<0.02	0.04	0.03	8.9	3.5	0.05	1085	2.82	<0.01	0.05	55.7
5732	Soil	3.19	1.40	<0.05	<0.02	0.04	0.03	8.6	2.9	0.05	1449	1.88	<0.01	<0.05	47.2
5733	Soil	2.68	2.02	<0.05	<0.02	0.04	0.04	9.5	5.7	0.06	1361	2.10	<0.01	0.11	39.8
5734	Soil	3.38	5.75	<0.05	0.09	0.03	0.03	14.2	56.1	0.53	740	0.86	<0.01	0.07	55.7
5735	Soil	3.18	7.95	<0.05	0.18	0.02	0.03	11.4	86.2	0.79	322	0.49	<0.01	0.06	47.2
5736	Soil	2.80	6.65	<0.05	0.10	0.02	0.02	9.4	66.0	0.53	395	0.77	0.01	0.24	38.3
5737	Soil	3.02	7.63	<0.05	0.14	0.02	0.03	8.9	81.6	0.65	271	0.86	<0.01	0.19	44.0
5738	Soil	3.31	7.67	<0.05	0.07	0.03	0.03	13.0	78.9	0.62	282	0.94	<0.01	0.25	44.4
5739	Soil	2.36	7.60	<0.05	0.04	0.03	0.03	12.6	33.4	0.23	187	0.90	<0.01	0.46	21.4
5740	Soil	2.95	8.34	<0.05	0.07	0.03	0.03	14.1	38.9	0.32	233	1.00	<0.01	0.53	25.0
5741	Soil	2.39	8.03	<0.05	<0.02	0.02	0.02	14.7	16.4	0.15	169	0.83	<0.01	0.38	30.6
5742	Soil	4.31	11.10	0.07	0.09	0.04	0.02	21.3	126.5	0.92	626	1.07	<0.01	0.13	65.3
5743	Soil	4.72	10.93	0.07	0.12	0.04	0.02	23.5	118.8	0.91	563	1.11	<0.01	0.12	63.2
5744	Soil	3.37	8.41	<0.05	0.13	0.04	0.03	9.9	91.9	0.66	558	0.70	<0.01	0.27	50.6
5745	Soil	3.48	8.02	<0.05	0.11	0.03	0.02	9.4	91.4	0.67	568	0.79	<0.01	0.24	52.7
5746	Soil	3.40	5.10	<0.05	1.09	0.03	0.03	19.6	49.9	0.38	384	1.03	<0.01	0.19	49.9
5747	Soil	3.48	7.63	<0.05	0.34	0.03	0.04	14.5	83.4	0.66	520	0.83	<0.01	0.19	51.5
5748	Soil	3.21	3.49	<0.05	0.45	0.06	0.04	18.6	45.0	0.75	948	9.90	<0.01	0.10	62.8
5749	Soil	2.48	5.86	<0.05	0.15	0.04	0.03	14.8	63.6	0.56	2437	2.11	<0.01	0.09	39.6
5750	Soil	2.33	4.67	<0.05	0.20	0.04	0.04	8.8	20.9	0.31	427	7.40	<0.01	0.10	47.9
5751	Soil	2.83	8.32	<0.05	0.07	0.02	0.03	8.5	109.8	1.19	521	1.38	<0.01	0.19	84.0
5752	Soil	0.66	3.98	<0.05	0.21	<0.01	0.02	4.5	7.2	0.08	69	1.00	0.01	0.11	10.5
5753	Soil	2.42	6.81	<0.05	0.05	0.02	0.02	4.5	50.1	0.42	789	1.09	<0.01	0.25	36.6
5754	Soil	1.65	4.43	<0.05	0.06	0.01	0.02	5.0	24.5	0.20	209	0.64	0.01	0.31	16.9
5755	Soil	4.00	10.79	<0.05	0.02	0.03	0.04	9.7	40.1	0.38	933	1.47	<0.01	0.52	27.5
5756	Soil	3.30	8.25	<0.05	0.12	0.03	0.03	10.5	96.8	0.74	832	1.93	<0.01	0.47	49.8
5757	Soil	3.38	11.08	0.05	0.10	0.02	0.03	12.7	49.0	0.42	1286	1.27	<0.01	0.25	28.0
5758	Soil	3.11	9.74	<0.05	0.04	0.03	0.04	13.8	47.7	0.37	574	1.61	<0.01	0.54	32.8
5759	Soil	3.27	10.35	0.05	0.03	0.03	0.03	15.6	52.7	0.45	372	1.40	<0.01	0.46	34.5
5760	Soil	4.19	9.55	0.08	0.07	0.06	0.02	15.8	97.9	0.79	802	1.28	<0.01	0.38	58.3
5761	Soil	2.98	10.66	0.06	0.02	0.03	0.02	11.0	35.7	0.32	406	1.12	<0.01	0.28	23.1
5762	Soil	4.61	8.27	0.06	0.10	0.05	0.02	10.3	80.0	0.62	731	1.10	<0.01	0.29	53.7
5763	Soil	4.29	11.23	0.05	0.05	0.04	0.03	13.6	46.0	0.36	499	1.39	<0.01	0.39	31.6

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5764	Soil	3.01	9.00	<0.05	<0.02	0.03	0.03	11.5	26.4	0.20	946	1.65	0.01	0.30	24.0
5765	Soil	3.41	7.37	0.05	<0.02	0.04	0.02	13.5	34.0	0.24	935	1.12	<0.01	0.28	27.3
5766	Soil	3.65	10.77	0.05	<0.02	0.03	0.04	12.7	29.1	0.23	924	2.04	<0.01	0.37	28.0
5767	Soil	2.38	6.18	<0.05	0.03	0.03	0.03	8.9	44.3	0.28	1069	0.97	0.01	0.33	24.0
5768	Soil	2.83	6.66	<0.05	0.05	0.04	0.02	8.8	43.7	0.25	1267	1.19	0.01	0.24	31.7
5769	Soil	0.61	2.87	<0.05	0.04	<0.01	0.02	3.4	12.5	0.08	60	0.58	0.01	0.08	6.6
5770	Soil	2.91	7.03	0.05	0.09	0.03	0.02	11.3	86.5	0.47	867	0.84	<0.01	0.29	38.7
5771	Soil	5.43	7.85	0.08	0.29	0.14	0.01	22.1	118.3	0.71	4182	1.83	<0.01	0.10	111.9
5772	Soil	4.12	7.76	0.06	0.15	0.11	0.03	14.1	83.5	0.43	3379	1.89	<0.01	0.34	62.1
5773	Soil	4.77	9.36	0.07	0.13	0.07	0.04	11.2	140.9	0.82	438	1.67	<0.01	0.14	90.9
5774	Soil	3.38	9.25	0.05	0.11	0.03	0.03	13.1	78.3	0.47	238	0.70	<0.01	0.28	37.1
5775	Soil	1.42	3.30	<0.05	0.04	0.02	0.03	8.5	5.7	0.05	196	0.78	<0.01	0.19	30.3
5776	Soil	3.13	9.62	0.06	0.02	0.03	0.02	15.0	35.8	0.23	1785	1.51	<0.01	0.39	30.1
5777	Soil	3.97	4.46	0.08	0.09	0.07	0.02	18.5	68.1	0.36	1736	1.41	<0.01	0.15	77.8
5778	Soil	2.55	6.37	0.05	0.03	0.05	0.02	9.4	48.3	0.30	600	0.92	<0.01	0.21	30.2
5779	Soil	3.39	9.98	0.07	0.02	0.03	0.02	14.3	71.2	0.45	1279	1.01	<0.01	0.17	29.6
5780	Soil	3.42	8.50	0.05	1.22	0.03	0.01	7.7	71.1	0.46	1103	1.51	<0.01	0.26	37.7
5781	Soil	3.79	14.76	0.06	0.25	0.03	0.03	8.6	38.4	0.27	2117	1.65	<0.01	0.40	26.0
5782	Soil	3.84	12.03	0.07	0.17	0.04	0.03	8.4	102.2	0.68	819	1.38	<0.01	0.48	48.4
5783	Soil	4.43	14.51	0.07	0.13	0.03	0.02	7.5	96.8	0.64	709	0.95	<0.01	0.56	41.9
5784	Soil	4.10	13.77	0.07	0.11	0.03	0.02	7.5	85.5	0.55	710	0.79	<0.01	0.41	35.2
5785	Soil	3.19	11.12	0.07	0.14	0.03	0.02	7.6	112.2	0.69	334	0.73	<0.01	0.42	44.1
5786	Soil	4.24	15.51	0.07	0.08	0.04	0.03	9.1	69.3	0.46	570	1.16	<0.01	0.75	31.6
5787	Soil	2.91	8.62	0.07	0.14	0.03	0.02	9.7	105.5	0.70	1050	1.28	<0.01	0.24	39.5
5788	Soil	3.95	11.52	0.10	0.10	0.03	0.01	16.5	175.2	0.99	732	0.85	<0.01	0.34	66.3
5789	Soil	1.24	4.30	0.05	0.11	0.10	0.02	6.9	2.5	0.02	44	1.21	<0.01	0.41	11.0
5790	Soil	0.46	2.28	<0.05	0.13	0.03	0.02	2.4	0.9	<0.01	52	1.02	0.01	0.11	8.2
5791	Soil	3.76	5.29	0.06	0.18	0.17	0.02	7.6	32.9	0.18	213	0.95	<0.01	0.33	36.4
5792	Soil	2.98	5.47	0.07	0.11	0.12	0.03	11.4	60.6	0.36	267	1.03	<0.01	0.27	37.5
5793	Soil	1.96	4.09	0.05	0.08	0.09	0.03	6.8	25.9	0.15	360	1.13	<0.01	0.22	26.5
1036	Soil	3.39	7.26	0.09	0.04	0.05	0.03	14.5	74.4	0.59	936	1.82	<0.01	0.34	76.6
1037	Soil	2.56	5.69	0.06	0.28	0.05	0.03	9.5	72.6	0.53	582	1.03	<0.01	0.26	50.4
1038	Soil	2.71	6.26	0.05	0.31	0.05	0.03	9.2	76.8	0.64	971	1.69	0.01	0.28	48.3
1039	Soil	2.92	5.36	0.06	0.12	0.03	0.02	10.4	95.8	0.83	710	1.24	<0.01	0.19	74.1
1040	Soil	2.11	5.16	<0.05	0.08	0.02	0.03	7.9	95.9	0.73	482	1.44	<0.01	0.16	47.2
1041	Soil	3.82	10.14	0.12	0.21	0.02	0.02	7.6	189.2	1.11	755	1.08	<0.01	0.05	73.4
1042	Soil	4.11	11.21	0.11	0.12	0.02	0.02	11.9	195.3	1.09	807	1.11	<0.01	0.06	70.5
1043	Soil	4.59	14.21	0.11	0.14	0.03	0.02	13.5	222.8	1.18	970	1.33	<0.01	0.07	83.2
1044	Soil	4.11	9.17	0.10	0.06	0.04	0.02	16.9	145.2	0.83	1315	0.78	<0.01	<0.05	85.9
1045	Soil	4.23	9.26	0.09	0.04	0.04	0.02	16.7	156.5	0.91	1421	2.27	<0.01	0.07	87.6

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1046	Soil	3.40	3.91	0.07	0.15	0.04	0.04	14.6	50.5	0.39	1094	1.00	<0.01	0.20	68.6
1047	Soil	3.97	7.72	0.07	<0.02	0.06	0.02	13.0	112.3	0.65	1159	0.87	<0.01	0.06	74.2
1048	Soil	4.62	11.95	0.07	<0.02	0.04	0.02	11.4	171.8	0.95	1037	0.76	<0.01	0.10	73.6
1049	Soil	3.14	4.55	0.06	0.03	0.03	0.02	10.5	44.8	0.22	1274	1.56	<0.01	0.23	54.4
1050	Soil	2.46	4.21	<0.05	0.09	0.03	0.03	6.9	28.7	0.14	885	2.04	<0.01	0.25	44.9
1051	Soil	1.55	2.38	<0.05	0.04	0.02	0.03	14.1	3.8	0.03	484	1.46	<0.01	0.11	28.8
1052	Soil	4.11	11.72	0.09	0.11	0.04	0.02	15.6	197.2	0.92	491	0.44	<0.01	<0.05	69.6
1053	Soil	2.98	7.95	<0.05	0.10	0.04	0.02	9.9	96.4	0.50	481	2.03	<0.01	0.10	54.1
1054	Soil	2.74	8.08	0.06	0.11	0.03	0.03	6.2	103.9	0.51	385	1.46	<0.01	0.26	41.8
1055	Soil	2.21	7.29	<0.05	0.09	0.03	0.03	5.9	75.4	0.34	1437	1.05	0.01	0.28	32.7
1056	Soil	3.16	4.34	0.06	0.04	0.03	0.01	12.6	61.6	0.30	411	1.40	<0.01	0.06	47.3
1057	Soil	2.86	9.21	0.05	0.03	0.02	0.02	9.8	44.0	0.23	187	1.40	<0.01	0.38	29.3
1058	Soil	3.26	6.92	0.06	<0.02	0.03	0.03	10.7	38.5	0.19	290	1.05	<0.01	0.47	34.6
1059	Soil	2.10	4.62	<0.05	0.03	0.02	0.02	6.6	28.8	0.17	251	0.82	<0.01	0.31	29.6
1060	Soil	2.56	6.92	<0.05	0.02	0.02	0.02	9.5	28.7	0.13	663	0.87	<0.01	0.47	24.4
1061	Soil	2.32	7.54	0.05	0.04	0.02	0.03	6.8	53.2	0.25	542	0.89	<0.01	0.34	22.4
1062	Soil	3.38	7.76	0.06	0.07	0.04	0.04	10.3	85.8	0.36	811	0.86	<0.01	0.22	38.7
1063	Soil	1.28	5.25	<0.05	<0.02	0.01	0.02	5.6	9.0	0.03	746	0.71	<0.01	0.36	11.6

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5644	Soil	346	6.9	3.6	<0.01	0.04	0.29	0.6	<0.2	0.2	7.5	0.05	0.01	0.7	<0.005
5645	Soil	350	15.2	4.7	<0.01	0.03	0.79	0.6	0.4	0.3	4.8	<0.01	0.04	1.1	0.012
5646	Soil	366	19.5	3.6	<0.01	0.03	0.59	0.4	0.2	0.3	3.9	<0.01	0.07	1.1	0.006
5647	Soil	319	15.4	3.5	<0.01	0.03	0.55	0.4	0.2	0.3	5.7	<0.01	0.02	0.7	0.007
5648	Soil	567	26.3	5.2	<0.01	0.03	0.75	0.4	0.4	0.4	5.8	<0.01	0.04	0.6	0.008
5649	Soil	508	18.8	4.1	<0.01	0.04	0.57	0.4	0.4	0.3	6.6	<0.01	0.03	0.4	0.007
5650	Soil	480	24.4	3.2	<0.01	0.03	0.89	0.7	0.4	0.3	7.1	<0.01	0.04	1.4	0.007
5651	Soil	354	22.4	2.5	<0.01	0.03	1.24	0.3	0.3	<0.2	4.2	<0.01	0.04	0.8	<0.005
5652	Soil	561	16.0	3.4	<0.01	0.04	0.55	0.3	<0.2	0.3	4.6	<0.01	0.04	0.4	0.005
5653	Soil	468	19.5	6.7	<0.01	0.04	0.57	0.7	0.4	0.5	14.8	<0.01	0.03	0.9	0.010
5654	Soil	669	22.9	6.2	<0.01	0.05	0.55	0.2	0.3	0.4	5.1	<0.01	0.03	0.2	<0.005
5655	Soil	559	14.8	5.6	<0.01	0.04	0.54	0.2	0.2	0.4	9.3	<0.01	0.04	<0.2	<0.005
5656	Soil	691	21.7	3.7	<0.01	0.05	0.70	0.4	0.3	0.2	4.6	<0.01	0.04	0.3	0.005
5657	Soil	313	9.1	4.0	<0.01	0.02	0.42	0.1	<0.2	0.3	3.2	<0.01	0.02	<0.2	<0.005
5658	Soil	546	22.9	4.8	0.03	0.04	0.74	0.7	0.3	0.2	6.8	0.05	0.10	1.2	0.006
5659	Soil	594	13.3	2.9	0.01	0.04	0.49	0.2	0.3	0.2	3.4	0.01	0.06	<0.2	<0.005
5660	Soil	396	13.2	2.0	<0.01	0.04	0.37	0.1	0.4	0.2	3.6	<0.01	0.04	<0.2	<0.005
5661	Soil	481	15.2	3.5	<0.01	0.04	0.62	0.6	0.3	0.4	4.0	0.01	0.06	1.1	0.006
5662	Soil	645	25.1	5.6	<0.01	0.04	0.86	0.4	0.3	0.4	5.0	<0.01	0.06	0.6	0.007
5663	Soil	387	20.4	3.7	<0.01	0.02	0.70	1.4	0.2	0.2	4.9	<0.01	0.03	4.1	0.007
5664	Soil	450	21.3	4.0	<0.01	0.04	0.59	0.5	0.3	0.3	4.6	<0.01	0.04	0.5	0.007
5665	Soil	426	59.2	4.0	<0.01	0.03	1.25	1.4	0.3	0.3	3.3	<0.01	0.03	3.3	0.006
5666	Soil	537	23.6	4.2	<0.01	0.06	0.72	0.4	0.3	0.3	4.2	<0.01	0.03	0.4	0.008
5667	Soil	208	12.1	4.2	<0.01	0.02	0.86	0.6	0.3	0.6	3.7	<0.01	0.05	1.6	0.012
5668	Soil	424	20.8	4.7	<0.01	0.05	1.85	0.8	0.3	0.3	6.5	<0.01	0.05	1.8	0.006
5669	Soil	289	25.5	3.8	<0.01	0.04	3.51	2.1	0.6	<0.2	27.4	<0.01	0.04	3.1	<0.005
5670	Soil	268	27.3	3.9	<0.01	0.04	0.75	0.3	0.4	0.3	17.6	<0.01	0.04	0.4	0.007
5671	Soil	305	21.5	3.3	<0.01	0.04	0.58	0.1	<0.2	<0.2	9.5	<0.01	0.02	<0.2	<0.005
5672	Soil	237	50.1	4.4	<0.01	0.04	1.38	0.6	0.3	0.3	21.0	<0.01	0.08	4.5	0.008
5673	Soil	167	32.1	4.2	<0.01	0.01	3.00	0.8	<0.2	<0.2	33.8	<0.01	0.15	3.8	<0.005
5674	Soil	163	479.3	3.9	0.01	0.05	5.15	1.3	0.3	0.3	54.8	<0.01	0.14	7.2	<0.005
5675	Soil	306	1553.0	4.9	<0.01	0.07	6.05	0.4	<0.2	0.5	30.1	<0.01	0.06	3.0	<0.005
5676	Soil	453	560.8	4.5	<0.01	0.07	5.64	0.7	0.3	0.3	27.0	<0.01	0.07	4.7	0.007
5677	Soil	239	367.7	3.5	<0.01	0.04	3.35	1.0	<0.2	0.3	15.6	<0.01	0.07	4.1	<0.005
5678	Soil	249	354.6	5.4	<0.01	0.04	2.52	0.8	<0.2	0.3	14.0	<0.01	0.03	2.9	<0.005
5679	Soil	209	336.9	4.1	<0.01	0.04	3.18	0.7	<0.2	0.3	23.3	<0.01	0.05	3.6	<0.005
5680	Soil	155	230.0	3.4	<0.01	0.03	2.61	0.9	<0.2	0.2	22.0	<0.01	0.05	6.7	<0.005
5681	Soil	404	23.5	4.9	<0.01	0.02	0.84	0.5	0.3	0.3	6.6	<0.01	0.04	1.0	0.008
5682	Soil	353	4.4	5.8	<0.01	0.05	0.20	<0.1	<0.2	<0.2	4.1	<0.01	<0.01	<0.2	<0.005
5683	Soil	417	18.2	6.4	<0.01	0.05	0.87	0.4	0.5	0.8	5.6	<0.01	0.04	0.4	0.012

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5684	Soil	413	18.7	5.4	<0.01	0.03	0.92	0.6	0.3	0.4	5.8	<0.01	0.02	1.0	0.008
5685	Soil	595	16.2	5.7	<0.01	0.06	0.75	0.2	0.3	0.6	5.6	<0.01	0.03	0.3	<0.005
5686	Soil	304	18.0	4.6	<0.01	0.03	0.72	0.9	0.2	0.3	6.7	<0.01	0.02	2.1	0.012
5687	Soil	498	16.3	7.8	<0.01	0.04	0.89	0.3	0.4	0.5	5.2	<0.01	0.04	0.5	0.007
5688	Soil	502	14.1	4.9	<0.01	0.05	0.60	0.4	0.2	0.3	5.1	<0.01	0.02	0.6	0.007
5689	Soil	593	14.8	4.5	<0.01	0.04	0.56	0.6	<0.2	0.2	4.4	<0.01	0.04	0.7	<0.005
5690	Soil	379	16.0	5.6	<0.01	0.04	0.67	0.4	0.3	0.3	7.0	<0.01	0.02	0.4	0.007
5691	Soil	500	7.4	5.9	<0.01	0.07	0.28	0.2	<0.2	0.2	15.1	<0.01	<0.01	<0.2	<0.005
5692	Soil	1032	18.8	4.7	0.03	0.12	0.48	0.8	0.9	0.2	14.5	0.05	0.06	1.1	<0.005
5693	Soil	388	20.5	3.7	<0.01	0.03	0.76	0.6	0.3	0.2	5.7	0.02	0.04	1.3	0.007
5694	Soil	584	15.5	3.3	<0.01	0.05	0.47	0.9	<0.2	<0.2	7.2	<0.01	0.03	2.3	<0.005
5695	Soil	259	20.4	2.5	<0.01	0.01	0.82	0.9	<0.2	<0.2	4.4	<0.01	0.03	4.5	<0.005
5696	Soil	294	3.7	2.5	<0.01	0.05	0.10	0.1	<0.2	<0.2	13.7	<0.01	<0.01	<0.2	0.006
5697	Soil	677	35.3	6.8	<0.01	0.03	0.85	0.7	0.3	0.3	5.7	<0.01	0.04	1.1	0.006
5698	Soil	387	19.0	4.5	<0.01	0.03	0.65	0.8	0.4	0.2	6.7	<0.01	0.06	1.8	0.009
5699	Soil	227	22.6	3.2	<0.01	0.01	0.69	1.0	0.2	0.2	4.8	<0.01	0.03	3.1	0.009
5700	Soil	503	22.1	4.6	<0.01	0.03	0.86	0.9	0.2	0.3	6.2	<0.01	0.05	1.5	0.007
5701	Soil	415	12.4	3.6	<0.01	0.04	0.44	0.3	<0.2	<0.2	3.7	<0.01	0.02	0.6	0.005
5702	Soil	411	28.0	6.7	<0.01	0.05	0.84	0.5	0.5	0.6	8.3	<0.01	0.05	0.3	0.013
5703	Soil	464	14.2	5.8	<0.01	0.04	0.34	0.2	0.5	0.5	8.1	<0.01	0.02	<0.2	0.006
5704	Soil	376	16.5	4.4	<0.01	0.04	0.66	0.7	0.3	0.5	4.6	<0.01	0.06	0.7	0.010
5705	Soil	380	212.8	3.8	<0.01	0.02	0.69	2.3	0.3	<0.2	4.1	<0.01	0.27	4.3	<0.005
5706	Soil	342	38.1	3.4	<0.01	0.03	0.58	1.5	<0.2	<0.2	5.0	<0.01	0.06	2.9	0.006
5707	Soil	303	47.0	3.1	<0.01	0.02	0.63	2.1	<0.2	<0.2	5.1	<0.01	0.12	3.3	<0.005
5708	Soil	325	46.2	3.4	<0.01	0.02	1.00	2.3	<0.2	<0.2	8.9	<0.01	0.12	4.5	<0.005
5709	Soil	446	27.5	3.7	<0.01	0.04	0.99	1.7	0.4	<0.2	16.5	<0.01	0.09	2.6	<0.005
5710	Soil	349	21.9	4.3	<0.01	0.04	1.12	1.1	<0.2	0.2	7.2	<0.01	0.03	3.0	0.006
5711	Soil	477	33.9	6.6	<0.01	0.04	1.64	1.5	<0.2	0.3	12.6	<0.01	0.04	4.2	<0.005
5712	Soil	280	7.0	4.4	<0.01	0.01	1.02	0.5	<0.2	<0.2	3.8	<0.01	0.04	0.6	<0.005
5713	Soil	387	19.6	5.8	<0.01	0.02	1.34	1.5	0.3	0.3	5.8	<0.01	0.06	6.4	0.005
5714	Soil	196	13.2	4.4	<0.01	0.01	1.09	0.6	<0.2	0.4	15.7	<0.01	0.04	1.5	<0.005
5715	Soil	307	107.0	8.2	<0.01	0.05	4.04	0.9	0.4	0.3	78.9	<0.01	0.16	3.5	<0.005
5716	Soil	123	32.7	6.6	<0.01	0.02	2.92	0.8	<0.2	0.2	35.3	<0.01	0.11	7.8	<0.005
5717	Soil	251	125.3	5.0	<0.01	0.03	1.71	0.3	<0.2	0.3	25.3	<0.01	0.06	0.7	<0.005
5718	Soil	396	49.5	5.4	<0.01	0.04	2.65	1.5	0.2	<0.2	38.7	<0.01	0.07	4.9	<0.005
5719	Soil	231	188.0	3.1	<0.01	0.03	5.44	0.3	0.3	0.6	31.0	<0.01	0.05	0.9	<0.005
5720	Soil	499	1251.6	7.2	<0.01	0.05	6.06	0.3	<0.2	0.5	28.6	<0.01	0.07	1.1	<0.005
5721	Soil	240	89.3	6.2	<0.01	0.02	2.68	0.7	<0.2	0.3	45.7	<0.01	0.10	1.5	<0.005
5722	Soil	123	138.0	5.6	<0.01	0.02	1.31	0.4	<0.2	0.2	16.0	<0.01	0.02	0.9	0.008
5723	Soil	567	19.5	6.8	<0.01	0.03	0.97	6.7	0.3	0.6	70.5	<0.01	0.04	5.3	0.006

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Edmonton, AB T5S 1K7

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Vol 6-384

Buchanan et al., 2011

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5724	Soil	496	15.7	3.8	<0.01	0.03	2.80	7.3	0.3	0.4	34.4	<0.01	0.04	5.6	<0.005
5725	Soil	515	18.1	4.1	<0.01	0.03	1.50	7.4	0.3	0.5	62.0	<0.01	0.04	5.6	<0.005
5726	Soil	266	13.2	3.2	0.02	<0.01	0.70	2.6	<0.2	0.2	12.8	0.03	0.07	7.1	<0.005
5727	Soil	282	30.4	2.5	<0.01	<0.01	0.75	3.2	<0.2	<0.2	12.9	0.01	0.07	11.5	<0.005
5728	Soil	305	27.6	1.8	<0.01	<0.01	1.31	3.5	<0.2	<0.2	21.7	<0.01	0.09	10.3	<0.005
5729	Soil	208	31.9	2.4	<0.01	<0.01	0.53	2.7	<0.2	<0.2	9.2	<0.01	0.06	9.8	<0.005
5730	Soil	284	47.2	3.8	<0.01	0.03	2.07	2.9	<0.2	<0.2	29.0	<0.01	0.08	8.8	<0.005
5731	Soil	493	77.2	4.9	<0.01	0.03	3.43	1.0	<0.2	<0.2	16.3	<0.01	0.07	2.0	<0.005
5732	Soil	460	81.1	4.5	<0.01	0.03	3.28	0.9	<0.2	<0.2	16.9	<0.01	0.06	2.5	<0.005
5733	Soil	385	87.8	5.0	<0.01	0.06	4.56	1.1	0.2	0.3	41.7	<0.01	0.05	3.4	<0.005
5734	Soil	359	37.4	5.7	<0.01	0.04	0.82	2.6	0.3	<0.2	32.6	<0.01	0.08	8.9	<0.005
5735	Soil	354	39.2	5.0	<0.01	0.05	0.21	2.5	<0.2	<0.2	27.4	<0.01	0.04	8.2	<0.005
5736	Soil	346	20.5	6.6	<0.01	0.02	0.33	1.7	<0.2	<0.2	17.1	<0.01	0.04	5.0	<0.005
5737	Soil	438	15.9	5.6	<0.01	0.04	0.31	1.8	<0.2	<0.2	18.1	<0.01	0.04	4.4	<0.005
5738	Soil	361	15.3	7.5	<0.01	0.02	0.45	1.7	<0.2	<0.2	19.0	<0.01	0.05	5.3	<0.005
5739	Soil	684	23.1	6.7	<0.01	0.03	0.44	0.6	0.3	0.3	19.5	<0.01	0.05	1.3	<0.005
5740	Soil	440	20.7	8.6	<0.01	0.02	0.61	0.7	<0.2	0.3	8.1	<0.01	0.06	1.3	<0.005
5741	Soil	327	17.7	5.1	<0.01	0.02	0.79	0.4	<0.2	0.4	6.9	<0.01	0.06	0.6	0.005
5742	Soil	225	47.5	3.7	<0.01	<0.01	0.82	2.5	<0.2	<0.2	5.4	<0.01	0.07	12.5	<0.005
5743	Soil	259	33.7	3.9	<0.01	0.02	0.87	2.1	<0.2	<0.2	4.6	<0.01	0.07	9.4	<0.005
5744	Soil	394	27.1	7.2	<0.01	0.04	0.72	2.1	0.2	0.2	26.1	<0.01	0.08	6.3	<0.005
5745	Soil	327	28.4	4.6	<0.01	0.02	0.95	2.1	<0.2	<0.2	16.7	<0.01	0.07	6.8	<0.005
5746	Soil	193	40.6	4.7	<0.01	0.01	1.27	2.2	<0.2	<0.2	22.3	<0.01	0.08	9.0	<0.005
5747	Soil	247	36.1	6.1	<0.01	0.02	0.97	2.2	0.2	<0.2	21.5	<0.01	0.07	9.1	<0.005
5748	Soil	517	38.5	5.4	<0.01	0.04	1.47	7.2	1.0	<0.2	30.8	<0.01	0.05	5.6	<0.005
5749	Soil	364	51.8	5.5	<0.01	0.02	0.17	2.3	0.2	<0.2	8.0	<0.01	0.07	5.3	<0.005
5750	Soil	406	25.9	7.0	<0.01	0.02	2.12	0.9	0.6	0.2	12.2	<0.01	0.09	1.1	<0.005
5751	Soil	359	13.8	3.8	<0.01	0.01	0.58	2.1	<0.2	<0.2	9.0	<0.01	0.02	2.9	<0.005
5752	Soil	285	9.5	3.4	<0.01	0.02	0.21	0.2	<0.2	<0.2	7.2	<0.01	0.01	<0.2	<0.005
5753	Soil	705	18.7	5.2	<0.01	0.05	0.39	0.8	<0.2	<0.2	9.3	<0.01	0.02	0.4	<0.005
5754	Soil	239	10.0	3.1	<0.01	0.03	0.54	0.5	<0.2	<0.2	34.5	<0.01	<0.01	0.7	0.007
5755	Soil	610	26.0	11.1	<0.01	0.04	0.68	0.4	0.6	0.5	8.0	<0.01	0.05	0.5	0.007
5756	Soil	463	20.1	6.0	<0.01	0.05	0.68	2.0	1.0	0.2	39.0	<0.01	0.05	3.3	0.008
5757	Soil	1008	15.8	5.5	<0.01	0.03	0.46	0.4	<0.2	0.4	5.7	<0.01	0.07	0.6	0.006
5758	Soil	418	22.4	9.2	<0.01	0.03	0.89	0.7	0.3	0.5	8.9	<0.01	0.04	1.0	0.008
5759	Soil	338	21.2	5.0	<0.01	0.02	0.84	0.6	0.2	0.4	7.9	<0.01	0.05	0.8	0.009
5760	Soil	338	34.1	5.1	0.02	0.01	1.06	1.9	0.3	0.2	6.8	0.03	0.09	5.1	<0.005
5761	Soil	498	14.8	4.6	<0.01	0.02	0.57	0.4	<0.2	0.3	5.6	0.01	0.05	0.6	0.006
5762	Soil	466	47.0	5.1	<0.01	0.02	2.39	1.9	<0.2	<0.2	6.6	<0.01	0.11	4.7	<0.005
5763	Soil	706	26.4	7.0	<0.01	0.04	1.47	0.6	0.4	0.5	8.4	0.01	0.07	0.9	0.007

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5764	Soil	496	26.1	8.8	<0.01	0.04	1.33	0.4	0.4	0.5	9.3	<0.01	0.04	0.3	0.006
5765	Soil	427	33.4	6.7	<0.01	0.02	1.84	0.8	0.3	0.3	6.3	<0.01	0.06	0.7	0.006
5766	Soil	566	23.5	9.4	<0.01	0.05	1.50	0.4	0.6	0.5	7.4	<0.01	0.06	0.4	0.007
5767	Soil	349	21.5	7.1	<0.01	0.04	1.51	0.8	0.3	0.2	5.5	<0.01	0.06	0.9	0.008
5768	Soil	456	31.2	4.7	<0.01	0.03	2.42	1.3	0.2	<0.2	8.8	<0.01	0.12	1.3	<0.005
5769	Soil	174	4.1	1.8	<0.01	0.02	0.19	<0.1	<0.2	<0.2	6.0	<0.01	<0.01	<0.2	<0.005
5770	Soil	282	29.6	5.3	<0.01	0.02	2.38	1.8	<0.2	<0.2	13.3	<0.01	0.07	4.0	<0.005
5771	Soil	455	83.2	2.9	<0.01	0.03	13.15	9.4	0.9	<0.2	50.0	<0.01	0.24	9.8	<0.005
5772	Soil	753	60.1	6.4	<0.01	0.08	6.31	4.1	0.7	0.2	76.2	0.01	0.24	5.3	0.005
5773	Soil	583	78.3	4.4	<0.01	0.08	3.67	2.1	0.3	<0.2	45.1	<0.01	0.19	21.2	<0.005
5774	Soil	367	22.8	7.4	<0.01	0.03	0.82	1.3	<0.2	<0.2	5.5	<0.01	0.07	6.7	<0.005
5775	Soil	185	25.7	6.0	<0.01	0.01	0.68	0.6	<0.2	<0.2	5.6	<0.01	0.06	3.0	<0.005
5776	Soil	506	32.4	6.9	<0.01	0.03	2.07	0.8	0.3	0.4	9.3	<0.01	0.08	1.2	0.005
5777	Soil	317	61.0	3.8	<0.01	0.02	7.38	5.0	0.5	<0.2	16.5	<0.01	0.08	6.7	<0.005
5778	Soil	375	71.9	4.5	<0.01	0.02	1.29	0.7	<0.2	0.2	7.6	<0.01	0.04	1.3	0.005
5779	Soil	825	27.1	6.0	<0.01	0.03	1.72	0.4	0.2	0.2	21.6	<0.01	0.08	0.5	<0.005
5780	Soil	652	39.7	3.7	<0.01	0.03	3.30	1.0	0.2	<0.2	9.8	<0.01	0.08	1.6	<0.005
5781	Soil	1056	23.6	10.8	<0.01	0.07	0.94	0.4	0.5	0.6	7.0	0.01	0.07	0.5	0.006
5782	Soil	555	31.7	7.4	<0.01	0.04	1.32	1.2	0.5	0.3	8.0	<0.01	0.06	1.9	0.008
5783	Soil	853	20.0	5.8	<0.01	0.05	0.77	0.7	0.5	0.3	5.8	0.01	0.07	1.2	0.009
5784	Soil	952	21.9	6.2	<0.01	0.05	0.84	0.6	0.3	0.3	5.8	<0.01	0.07	0.8	0.006
5785	Soil	404	15.9	3.7	<0.01	0.03	0.60	1.2	<0.2	<0.2	5.7	<0.01	0.04	2.2	0.008
5786	Soil	770	19.0	9.2	<0.01	0.06	0.83	0.6	0.6	0.5	7.6	0.01	0.09	0.8	0.009
5787	Soil	516	30.9	4.2	<0.01	0.03	1.51	1.1	<0.2	<0.2	10.2	<0.01	0.06	2.3	0.005
5788	Soil	311	19.9	3.6	<0.01	<0.01	1.45	2.3	<0.2	<0.2	9.8	<0.01	0.08	6.9	0.009
5789	Soil	139	252.3	4.6	<0.01	0.02	2.25	0.5	<0.2	0.3	18.0	<0.01	0.05	2.1	0.006
5790	Soil	202	40.2	3.9	<0.01	0.01	0.39	<0.1	<0.2	<0.2	8.5	<0.01	<0.01	<0.2	<0.005
5791	Soil	364	433.1	7.2	<0.01	0.03	2.52	1.4	<0.2	0.3	26.9	<0.01	0.08	8.7	<0.005
5792	Soil	253	178.5	5.4	<0.01	0.03	2.63	1.3	<0.2	0.2	37.0	<0.01	0.07	10.0	<0.005
5793	Soil	359	198.6	4.3	<0.01	0.04	2.26	0.5	0.3	0.2	19.0	<0.01	0.05	1.0	0.005
1036	Soil	288	31.0	4.1	0.01	<0.01	1.33	3.1	<0.2	0.2	29.1	0.01	0.05	13.3	0.008
1037	Soil	398	29.5	4.9	<0.01	0.03	1.70	3.3	0.2	<0.2	24.9	<0.01	0.05	7.0	<0.005
1038	Soil	369	43.7	5.1	<0.01	0.03	1.72	4.1	0.3	0.2	33.7	<0.01	0.08	6.4	<0.005
1039	Soil	390	11.5	2.5	<0.01	<0.01	0.83	3.7	<0.2	<0.2	20.8	<0.01	0.04	8.7	<0.005
1040	Soil	317	6.7	4.4	<0.01	0.02	0.25	1.5	<0.2	<0.2	9.3	<0.01	0.03	4.1	<0.005
1041	Soil	283	60.9	1.8	<0.01	<0.01	0.92	2.6	<0.2	<0.2	14.5	<0.01	0.14	15.6	<0.005
1042	Soil	228	28.8	2.5	<0.01	<0.01	0.42	2.5	<0.2	<0.2	9.6	<0.01	0.07	13.9	<0.005
1043	Soil	237	56.9	2.2	<0.01	<0.01	0.61	3.1	<0.2	<0.2	14.7	<0.01	0.09	12.0	<0.005
1044	Soil	313	24.5	2.5	<0.01	<0.01	1.65	4.0	<0.2	<0.2	42.0	<0.01	0.10	11.0	<0.005
1045	Soil	294	34.8	2.7	<0.01	<0.01	1.23	3.3	<0.2	<0.2	25.6	<0.01	0.09	10.7	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1046	Soil	363	29.0	4.3	<0.01	0.03	2.54	4.1	<0.2	0.2	87.9	<0.01	0.08	13.1	<0.005
1047	Soil	260	93.1	3.5	<0.01	0.02	2.44	3.0	<0.2	<0.2	48.5	<0.01	0.08	12.7	<0.005
1048	Soil	285	38.7	3.4	<0.01	0.02	1.63	3.2	<0.2	<0.2	23.5	<0.01	0.07	9.0	<0.005
1049	Soil	365	66.6	4.2	<0.01	0.02	1.10	1.6	<0.2	<0.2	20.7	<0.01	0.07	8.4	<0.005
1050	Soil	340	40.4	4.8	<0.01	0.04	0.77	0.9	0.2	<0.2	15.4	<0.01	0.05	2.7	0.007
1051	Soil	204	27.3	4.0	<0.01	0.02	0.75	0.8	<0.2	<0.2	41.3	<0.01	0.05	4.8	<0.005
1052	Soil	348	24.4	2.4	<0.01	<0.01	0.44	3.3	<0.2	<0.2	19.2	<0.01	0.11	13.4	<0.005
1053	Soil	234	19.7	2.1	<0.01	0.02	0.58	2.0	<0.2	<0.2	16.2	<0.01	0.08	7.8	<0.005
1054	Soil	410	24.9	7.9	<0.01	0.04	0.62	1.2	<0.2	<0.2	13.2	<0.01	0.06	4.1	<0.005
1055	Soil	728	31.1	9.4	<0.01	0.06	0.77	0.7	<0.2	0.2	20.8	<0.01	0.05	1.2	<0.005
1056	Soil	124	33.2	3.2	<0.01	0.01	5.27	1.8	0.2	<0.2	9.1	<0.01	0.13	11.6	<0.005
1057	Soil	406	25.7	6.4	<0.01	0.03	1.17	0.6	<0.2	0.2	18.4	<0.01	0.09	1.5	<0.005
1058	Soil	330	35.0	7.6	<0.01	0.02	1.66	0.9	<0.2	0.3	9.3	<0.01	0.10	3.3	0.005
1059	Soil	264	17.2	4.8	<0.01	0.02	0.96	0.6	<0.2	<0.2	14.3	<0.01	0.05	1.6	0.005
1060	Soil	260	20.8	8.7	<0.01	0.02	1.06	0.6	<0.2	0.2	6.6	<0.01	0.08	2.5	<0.005
1061	Soil	383	21.4	7.2	<0.01	0.03	0.76	0.4	<0.2	<0.2	11.1	<0.01	0.06	0.9	0.005
1062	Soil	353	29.5	9.9	<0.01	0.02	1.32	1.3	0.3	0.2	6.4	<0.01	0.10	8.8	<0.005
1063	Soil	314	10.3	5.2	<0.01	0.02	0.48	0.2	<0.2	0.2	6.0	<0.01	0.03	0.6	0.006

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Certificate of Analysis

11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5644	Soil	<0.05	0.39	11	0.08	0.61	19	<0.5
5645	Soil	<0.05	0.63	31	0.20	1.73	50	<0.5
5646	Soil	<0.05	0.54	25	0.12	1.46	33	<0.5
5647	Soil	<0.05	0.52	29	0.12	1.45	56	<0.5
5648	Soil	<0.05	0.68	34	0.14	1.73	61	<0.5
5649	Soil	<0.05	0.67	29	0.14	1.49	52	0.5
5650	Soil	<0.05	0.69	34	0.13	1.50	78	1.1
5651	Soil	<0.05	0.67	18	0.09	1.60	46	0.6
5652	Soil	<0.05	0.68	32	0.12	1.36	59	<0.5
5653	Soil	<0.05	5.22	31	0.14	5.06	58	0.6
5654	Soil	<0.05	0.65	30	0.13	1.09	57	<0.5
5655	Soil	0.06	0.53	26	0.15	1.50	39	<0.5
5656	Soil	<0.05	0.64	29	0.10	1.63	64	<0.5
5657	Soil	<0.05	0.40	19	0.13	0.82	27	<0.5
5658	Soil	0.06	0.60	31	0.13	1.44	84	1.0
5659	Soil	<0.05	0.52	24	0.08	0.94	43	<0.5
5660	Soil	<0.05	0.48	17	0.09	0.89	30	<0.5
5661	Soil	<0.05	0.66	36	0.13	1.10	73	1.0
5662	Soil	<0.05	0.89	40	0.16	1.41	79	0.6
5663	Soil	<0.05	0.83	43	0.12	1.54	95	2.3
5664	Soil	<0.05	0.68	32	0.15	1.18	61	<0.5
5665	Soil	0.06	1.07	40	0.12	1.72	118	3.0
5666	Soil	<0.05	0.61	33	0.14	1.03	60	<0.5
5667	Soil	0.07	0.48	36	0.33	1.36	38	<0.5
5668	Soil	<0.05	0.93	24	1.20	3.05	76	0.6
5669	Soil	<0.05	1.13	10	0.19	8.55	76	2.5
5670	Soil	0.20	0.68	16	0.47	0.93	39	<0.5
5671	Soil	0.08	0.70	13	0.29	1.11	35	<0.5
5672	Soil	0.13	0.83	18	0.89	1.15	53	<0.5
5673	Soil	0.07	0.99	9	0.81	1.19	111	<0.5
5674	Soil	0.28	1.17	8	0.65	1.32	109	<0.5
5675	Soil	0.19	0.44	9	0.96	0.58	45	<0.5
5676	Soil	0.36	0.93	21	0.51	1.29	80	<0.5
5677	Soil	0.39	0.79	23	0.49	1.21	93	1.4
5678	Soil	0.18	0.51	11	0.53	0.69	49	<0.5
5679	Soil	0.17	0.87	10	0.73	0.80	81	<0.5
5680	Soil	0.24	0.91	14	0.56	1.14	97	0.9
5681	Soil	<0.05	0.83	31	0.15	2.55	71	<0.5
5682	Soil	<0.05	0.31	9	0.07	0.33	16	<0.5
5683	Soil	0.09	0.84	43	0.22	2.31	57	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5684	Soil	0.07	1.33	35	0.21	3.19	62	<0.5
5685	Soil	0.07	0.82	31	0.17	1.92	42	<0.5
5686	Soil	<0.05	0.98	32	0.13	3.14	61	1.1
5687	Soil	0.08	0.78	30	0.14	1.78	49	<0.5
5688	Soil	<0.05	0.81	25	0.13	1.77	49	0.6
5689	Soil	<0.05	0.58	29	0.10	1.80	56	0.7
5690	Soil	<0.05	0.81	27	0.15	2.11	52	<0.5
5691	Soil	<0.05	0.71	16	0.08	0.97	32	<0.5
5692	Soil	0.07	18.00	26	0.12	5.58	57	1.9
5693	Soil	<0.05	0.75	27	0.12	2.18	62	0.8
5694	Soil	<0.05	0.61	32	0.05	1.59	65	1.7
5695	Soil	<0.05	0.65	25	0.08	1.81	68	2.5
5696	Soil	<0.05	1.44	7	0.08	0.69	15	0.6
5697	Soil	0.05	0.95	35	0.39	2.38	77	0.9
5698	Soil	<0.05	0.78	33	0.19	2.14	72	1.4
5699	Soil	<0.05	0.81	34	0.22	2.52	77	1.4
5700	Soil	<0.05	0.75	36	0.38	2.09	78	1.1
5701	Soil	<0.05	0.65	23	0.09	1.29	52	0.6
5702	Soil	0.12	0.75	42	0.27	2.10	66	<0.5
5703	Soil	0.09	0.77	25	0.14	1.84	24	<0.5
5704	Soil	0.06	0.55	44	0.32	1.63	73	<0.5
5705	Soil	<0.05	1.22	37	0.09	6.13	92	2.7
5706	Soil	<0.05	0.80	41	0.12	2.17	98	2.1
5707	Soil	<0.05	0.73	30	0.06	2.23	86	1.9
5708	Soil	<0.05	1.07	36	0.11	4.28	104	1.6
5709	Soil	<0.05	0.88	32	0.09	3.66	77	2.9
5710	Soil	0.06	1.28	31	0.16	2.16	72	1.0
5711	Soil	0.06	1.43	36	0.15	3.04	97	1.3
5712	Soil	<0.05	0.31	12	0.08	0.63	25	<0.5
5713	Soil	<0.05	0.91	36	0.13	1.33	80	1.5
5714	Soil	0.06	0.55	16	0.35	0.98	46	<0.5
5715	Soil	0.29	2.03	10	2.02	1.59	74	<0.5
5716	Soil	0.17	1.25	10	0.67	0.99	63	<0.5
5717	Soil	0.18	1.12	13	0.47	1.05	53	<0.5
5718	Soil	0.18	2.67	24	0.27	2.62	96	2.1
5719	Soil	0.33	0.60	12	0.55	0.75	45	<0.5
5720	Soil	0.22	0.86	9	0.61	0.61	82	<0.5
5721	Soil	0.12	1.00	12	0.87	0.99	84	<0.5
5722	Soil	0.08	0.44	11	0.22	0.65	22	<0.5
5723	Soil	0.05	2.02	72	<0.05	10.52	83	8.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5724	Soil	0.07	1.90	47	0.05	12.98	80	6.0
5725	Soil	<0.05	1.45	66	<0.05	11.73	81	7.1
5726	Soil	0.05	1.43	47	0.07	2.77	94	1.1
5727	Soil	<0.05	1.81	55	<0.05	3.84	125	2.6
5728	Soil	<0.05	1.48	47	0.16	3.86	128	2.3
5729	Soil	<0.05	1.52	51	<0.05	2.71	119	2.1
5730	Soil	0.05	1.53	38	2.63	3.52	110	1.2
5731	Soil	0.05	1.88	7	25.38	4.49	133	<0.5
5732	Soil	0.06	2.00	7	17.28	4.06	138	<0.5
5733	Soil	0.09	2.36	9	12.96	4.49	95	<0.5
5734	Soil	<0.05	2.17	25	0.13	4.80	130	1.9
5735	Soil	<0.05	1.81	35	0.05	3.20	106	2.9
5736	Soil	<0.05	0.96	27	0.07	1.66	106	2.1
5737	Soil	<0.05	1.09	30	0.06	2.36	89	2.6
5738	Soil	<0.05	1.06	32	0.08	1.89	106	1.3
5739	Soil	0.08	2.54	24	0.12	2.04	58	0.7
5740	Soil	0.05	1.26	29	0.21	1.38	60	<0.5
5741	Soil	<0.05	0.81	29	0.35	1.24	52	<0.5
5742	Soil	<0.05	1.70	44	0.08	2.22	125	1.8
5743	Soil	<0.05	1.28	45	0.12	2.44	142	2.4
5744	Soil	0.05	2.35	33	0.13	3.44	108	2.5
5745	Soil	<0.05	1.85	33	0.14	3.08	106	2.3
5746	Soil	<0.05	1.87	22	0.46	2.79	111	0.7
5747	Soil	<0.05	1.47	33	0.24	2.73	105	2.4
5748	Soil	0.16	2.32	33	<0.05	26.97	95	5.5
5749	Soil	<0.05	0.62	25	<0.05	5.60	71	2.0
5750	Soil	0.10	1.14	27	<0.05	2.81	83	1.9
5751	Soil	<0.05	0.51	56	<0.05	1.73	67	<0.5
5752	Soil	<0.05	0.44	12	<0.05	0.64	22	<0.5
5753	Soil	<0.05	0.77	28	0.06	2.55	54	<0.5
5754	Soil	<0.05	1.28	17	0.07	1.65	36	<0.5
5755	Soil	0.07	1.06	38	0.18	1.56	66	<0.5
5756	Soil	<0.05	10.81	40	0.08	3.56	82	2.7
5757	Soil	0.08	0.65	40	0.09	1.09	53	0.6
5758	Soil	0.09	1.17	39	0.21	2.31	67	<0.5
5759	Soil	0.05	0.99	41	0.23	1.69	68	<0.5
5760	Soil	0.06	1.17	42	0.14	1.84	108	1.4
5761	Soil	0.06	0.72	34	0.14	1.11	49	<0.5
5762	Soil	<0.05	1.23	34	0.16	2.32	111	2.1
5763	Soil	0.09	1.38	40	0.17	1.82	74	0.8

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5764	Soil	0.09	1.03	32	0.15	1.71	59	<0.5
5765	Soil	0.07	1.26	26	0.27	2.92	64	<0.5
5766	Soil	0.09	1.02	33	0.23	1.68	60	<0.5
5767	Soil	0.07	1.00	21	0.12	1.81	53	0.6
5768	Soil	0.05	1.00	20	0.09	2.95	72	1.1
5769	Soil	<0.05	0.31	9	<0.05	0.44	13	<0.5
5770	Soil	<0.05	0.91	24	0.08	3.41	65	1.8
5771	Soil	0.09	2.36	31	0.09	34.89	126	6.0
5772	Soil	0.09	2.92	27	0.13	22.67	115	3.5
5773	Soil	0.12	4.20	38	0.14	2.02	158	3.3
5774	Soil	0.06	1.15	28	0.08	1.08	65	1.4
5775	Soil	0.11	1.54	9	0.11	1.25	56	<0.5
5776	Soil	0.10	1.30	29	0.16	1.84	67	<0.5
5777	Soil	0.07	1.88	20	0.16	12.58	112	1.7
5778	Soil	0.05	0.99	22	0.11	1.66	92	0.6
5779	Soil	<0.05	0.87	33	0.06	1.31	64	0.5
5780	Soil	<0.05	1.17	28	0.08	1.53	80	1.2
5781	Soil	0.16	1.31	44	0.12	1.36	63	<0.5
5782	Soil	0.07	1.48	42	0.17	1.64	91	1.1
5783	Soil	<0.05	1.55	41	0.14	1.35	81	1.0
5784	Soil	0.05	1.30	38	0.12	1.31	71	0.9
5785	Soil	<0.05	1.28	37	0.09	1.34	74	1.9
5786	Soil	0.07	1.50	42	0.14	1.72	71	0.8
5787	Soil	<0.05	1.44	32	0.08	2.05	71	2.2
5788	Soil	<0.05	1.71	49	0.10	2.68	110	1.7
5789	Soil	0.09	0.86	11	0.43	0.73	50	<0.5
5790	Soil	0.07	0.41	5	0.14	0.25	15	<0.5
5791	Soil	0.17	1.51	16	0.38	1.11	151	0.8
5792	Soil	0.32	1.61	22	0.46	1.60	101	1.5
5793	Soil	0.12	1.10	13	0.24	0.95	62	<0.5
1036	Soil	0.08	2.83	38	<0.05	5.19	91	1.5
1037	Soil	0.06	2.40	26	0.05	8.49	69	6.3
1038	Soil	0.05	2.07	29	0.05	10.62	76	7.6
1039	Soil	<0.05	2.05	38	<0.05	5.44	77	3.0
1040	Soil	<0.05	0.95	31	0.10	1.49	62	1.5
1041	Soil	<0.05	3.24	45	<0.05	3.09	125	9.2
1042	Soil	<0.05	2.49	50	<0.05	2.88	123	4.8
1043	Soil	<0.05	2.32	55	<0.05	2.72	134	5.2
1044	Soil	<0.05	1.87	40	0.05	3.91	126	2.8
1045	Soil	<0.05	1.85	41	0.62	3.49	123	1.9

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1046	Soil	0.07	2.12	27	0.19	4.52	104	6.3
1047	Soil	0.07	2.19	32	13.56	3.40	138	1.1
1048	Soil	<0.05	1.76	48	12.79	2.15	136	1.7
1049	Soil	0.07	3.06	19	0.36	3.13	104	0.8
1050	Soil	0.05	2.06	17	0.20	2.00	77	0.8
1051	Soil	0.06	1.53	7	0.18	1.31	59	<0.5
1052	Soil	<0.05	1.50	44	<0.05	3.33	119	4.4
1053	Soil	0.06	1.12	27	0.13	1.44	92	2.1
1054	Soil	<0.05	1.54	25	0.12	1.35	74	2.0
1055	Soil	0.07	2.27	21	0.23	3.58	74	1.6
1056	Soil	0.06	2.58	16	0.22	2.16	94	1.3
1057	Soil	0.06	1.56	24	0.29	1.20	69	0.7
1058	Soil	<0.05	1.40	21	2.20	1.35	88	<0.5
1059	Soil	<0.05	1.48	14	0.36	1.34	59	0.6
1060	Soil	0.05	1.06	17	0.28	1.27	68	0.5
1061	Soil	<0.05	1.09	20	0.17	1.14	65	0.8
1062	Soil	0.08	1.47	23	0.33	1.51	88	1.7
1063	Soil	<0.05	0.73	13	0.25	0.86	32	<0.5

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5644	Soil		0.16	0.45	4.8	23	0.08	0.13	0.04	0.10	6.52	2.1	6	0.37	11.0
5644 Dup			0.14	0.48	4.8	23	0.08	0.13	0.04	0.10	6.34	2.0	6	0.38	10.7
QCV1109-00475-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.25					8.76				21.8			>10000
5662	Soil		0.09	1.61	23.2	25	0.18	0.73	0.02	0.07	12.43	8.7	26	2.43	26.9
5662 Dup			0.09	1.63	22.3	27	0.18	0.68	0.02	0.08	13.20	8.7	27	2.53	25.2
QCV1109-00475-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			96.53												5854.2
5680	Soil		0.39	0.64	948.5	24	0.21	0.30	<0.01	1.09	13.63	6.9	12	0.96	22.9
5680 Dup			0.38	0.63	963.2	25	0.15	0.29	<0.01	1.10	14.98	6.6	12	0.97	21.4
QCV1109-00475-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.70					8.56				22.5			>10000
5698	Soil		0.05	1.53	22.3	21	0.29	0.36	0.03	0.10	19.72	11.9	23	0.70	25.6
5698 Dup			0.04	1.51	21.7	21	0.26	0.32	0.03	0.09	19.18	12.3	23	0.65	24.0
QCV1109-00475-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.69					8.74				24.6			>10000
5716	Soil		0.16	0.32	473.7	33	0.19	0.58	<0.01	0.20	20.15	15.1	13	1.65	39.1
5716 Dup			0.16	0.30	493.7	34	0.20	0.54	<0.01	0.20	20.99	16.1	12	1.71	41.4
QCV1109-00475-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.76					8.33				23.8			>10000
5734	Soil		0.20	1.24	400.1	30	0.59	0.49	0.37	0.20	27.59	19.2	21	3.98	41.5
5734 Dup			0.19	1.26	393.3	31	0.68	0.49	0.36	0.19	26.38	18.0	22	3.86	39.6
QCV1109-00475-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			4.19					9.77				24.7			>10000
5752	Soil		0.05	0.40	7.0	39	0.16	0.20	0.04	0.23	8.62	3.0	11	0.45	7.0
5752 Dup			0.04	0.39	7.2	38	0.13	0.20	0.04	0.22	9.35	2.9	9	0.42	6.6
QCV1109-00475-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6391.9
5770	Soil		0.08	1.35	69.2	44	1.17	0.50	0.11	0.10	21.33	31.1	15	1.51	39.9
5770 Dup			0.08	1.41	69.1	44	1.25	0.48	0.11	0.11	19.87	31.1	15	1.49	41.1
QCV1109-00475-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.63					8.73				30.9			>10000

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5788	Soil		0.09	2.10	141.8	32	0.93	0.53	0.06	0.17	34.46	23.0	35	1.62	39.4
5788 Dup			0.09	2.22	144.4	35	0.96	0.56	0.06	0.17	35.71	23.0	36	1.70	40.1
QCV1109-00475-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.62					13.78				29.0			>10000
1048	Soil		0.42	2.18	407.6	33	0.97	0.59	0.04	0.17	24.21	24.3	37	2.13	36.7
1048 Dup			0.20	1.96	403.8	31	1.06	0.58	0.04	0.17	18.23	24.4	36	2.05	35.9
QCV1109-00475-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.77					12.75				29.4			>10000
QCV1109-00475-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6223.1
5644	Soil	<0.005													
5644 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.316													
5662	Soil	0.009													
5662 Dup		<0.005													
QCV1109-00477-0004-BLK		<0.005													
5680	Soil	0.093													
5680 Dup		0.106													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.414													
5698	Soil	0.021													
5698 Dup		0.014													
QCV1109-00477-0008-BLK		<0.005													
5716	Soil	0.150													
5716 Dup		0.155													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.979													
5734	Soil	0.030													
5734 Dup		0.020													
5752	Soil	0.008													
5752 Dup		0.009													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.423													
5770	Soil	0.029													
5770 Dup		0.030													
QCV1109-00477-0016-BLK		0.006													

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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
5788	Soil	0.020													
5788 Dup		0.018													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.387													
1048	Soil	0.640													
1048 Dup		0.682													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5644	Soil	0.71	2.32	<0.05	0.42	<0.01	0.03	3.4	1.6	0.04	39	0.81	0.01	0.49	4.6
5644 Dup		0.77	2.39	<0.05	0.12	<0.01	0.03	3.3	1.5	0.04	43	0.83	0.02	0.26	4.8
QCV1109-00475-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5662	Soil	3.75	7.48	<0.05	0.02	0.02	0.03	5.7	22.4	0.48	406	1.16	<0.01	0.40	20.9
5662 Dup		3.72	7.05	<0.05	<0.02	0.02	0.03	6.1	20.7	0.47	415	1.16	<0.01	0.37	20.3
QCV1109-00475-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5680	Soil	2.38	2.75	<0.05	0.18	0.09	0.02	7.5	12.0	0.20	211	0.86	<0.01	0.22	19.5
5680 Dup		2.36	2.74	<0.05	0.11	0.10	0.02	8.2	12.8	0.20	210	0.86	<0.01	0.22	18.7
QCV1109-00475-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5698	Soil	2.97	6.43	<0.05	0.07	0.02	0.02	10.2	36.8	0.57	451	1.01	<0.01	0.35	33.9
5698 Dup		2.92	6.37	<0.05	0.06	0.02	0.02	9.7	35.6	0.58	451	0.98	<0.01	0.36	32.6
QCV1109-00475-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5716	Soil	1.92	3.27	<0.05	0.06	0.02	0.03	11.8	3.6	0.04	310	1.12	<0.01	0.15	29.9
5716 Dup		1.87	3.51	<0.05	0.05	0.02	0.03	12.0	3.6	0.04	303	1.13	<0.01	0.16	30.1
QCV1109-00475-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5734	Soil	3.38	5.75	<0.05	0.09	0.03	0.03	14.2	56.1	0.53	740	0.86	<0.01	0.07	55.7
5734 Dup		3.37	5.60	<0.05	0.09	0.03	0.03	13.5	55.1	0.53	743	0.84	<0.01	0.07	52.9
QCV1109-00475-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5752	Soil	0.66	3.98	<0.05	0.21	<0.01	0.02	4.5	7.2	0.08	69	1.00	0.01	0.11	10.5
5752 Dup		0.66	4.00	<0.05	0.11	<0.01	0.02	4.7	7.0	0.07	69	0.90	0.01	0.10	9.4
QCV1109-00475-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5770	Soil	2.91	7.03	0.05	0.09	0.03	0.02	11.3	86.5	0.47	867	0.84	<0.01	0.29	38.7
5770 Dup		3.02	6.97	0.05	0.08	0.03	0.02	10.2	87.0	0.46	911	0.83	0.01	0.28	39.7
QCV1109-00475-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5788	Soil	3.95	11.52	0.10	0.10	0.03	0.01	16.5	175.2	0.99	732	0.85	<0.01	0.34	66.3
5788 Dup		4.21	11.75	0.10	0.10	0.04	0.02	17.1	175.5	1.03	761	0.89	<0.01	0.33	67.5
QCV1109-00475-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1048	Soil	4.62	11.95	0.07	<0.02	0.04	0.02	11.4	171.8	0.95	1037	0.76	<0.01	0.10	73.6
1048 Dup		4.31	11.45	0.08	0.02	0.04	0.02	8.4	162.9	0.91	1003	0.72	<0.01	0.10	70.0
QCV1109-00475-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-00475-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5644	Soil	346	6.9	3.6	<0.01	0.04	0.29	0.6	<0.2	0.2	7.5	0.05	0.01	0.7	<0.005
5644 Dup		368	7.1	3.5	<0.01	0.04	0.29	0.2	0.2	0.2	7.4	0.02	<0.01	0.3	<0.005
QCV1109-00475-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.5				1.77		13.0	14.6					
5662	Soil	645	25.1	5.6	<0.01	0.04	0.86	0.4	0.3	0.4	5.0	<0.01	0.06	0.6	0.007
5662 Dup		646	24.2	5.7	<0.01	0.04	0.88	0.4	0.4	0.4	5.0	<0.01	0.08	0.5	0.008
QCV1109-00475-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5680	Soil	155	230.0	3.4	<0.01	0.03	2.61	0.9	<0.2	0.2	22.0	<0.01	0.05	6.7	<0.005
5680 Dup		149	243.4	3.5	<0.01	0.03	2.78	0.9	<0.2	0.2	23.1	<0.01	0.05	6.3	<0.005
QCV1109-00475-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.9				1.84		13.5	15.9					
5698	Soil	387	19.0	4.5	<0.01	0.03	0.65	0.8	0.4	0.2	6.7	<0.01	0.06	1.8	0.009
5698 Dup		382	18.7	4.3	<0.01	0.03	0.64	0.8	0.3	0.2	5.7	<0.01	0.04	1.7	0.009
QCV1109-00475-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.0				1.86		14.0	15.5					
5716	Soil	123	32.7	6.6	<0.01	0.02	2.92	0.8	<0.2	0.2	35.3	<0.01	0.11	7.8	<0.005
5716 Dup		123	35.8	6.4	<0.01	0.02	3.01	0.8	<0.2	0.2	35.2	<0.01	0.13	7.7	<0.005
QCV1109-00475-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.6				2.07		14.3	15.1					
5734	Soil	359	37.4	5.7	<0.01	0.04	0.82	2.6	0.3	<0.2	32.6	<0.01	0.08	8.9	<0.005
5734 Dup		363	37.7	5.3	<0.01	0.04	0.87	2.4	0.2	<0.2	30.2	<0.01	0.08	9.0	<0.005
QCV1109-00475-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			33.8				1.88		15.3	15.6					
5752	Soil	285	9.5	3.4	<0.01	0.02	0.21	0.2	<0.2	<0.2	7.2	<0.01	0.01	<0.2	<0.005
5752 Dup		296	9.2	3.2	<0.01	0.02	0.20	0.1	<0.2	<0.2	7.0	<0.01	<0.01	<0.2	<0.005
QCV1109-00475-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5770	Soil	282	29.6	5.3	<0.01	0.02	2.38	1.8	<0.2	<0.2	13.3	<0.01	0.07	4.0	<0.005
5770 Dup		295	30.8	5.1	<0.01	0.02	2.42	1.8	<0.2	<0.2	13.2	<0.01	0.08	3.9	<0.005
QCV1109-00475-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			34.2				1.74		14.1	15.4					

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5788	Soil	311	19.9	3.6	<0.01	<0.01	1.45	2.3	<0.2	<0.2	9.8	<0.01	0.08	6.9	0.009
5788 Dup		318	21.1	3.6	<0.01	<0.01	1.49	2.3	<0.2	0.2	9.7	<0.01	0.07	7.0	0.009
QCV1109-00475-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.5				1.72		15.2	15.2					
1048	Soil	285	38.7	3.4	<0.01	0.02	1.63	3.2	<0.2	<0.2	23.5	<0.01	0.07	9.0	<0.005
1048 Dup		282	40.0	3.2	<0.01	0.02	1.67	2.9	<0.2	<0.2	19.7	<0.01	0.06	7.5	<0.005
QCV1109-00475-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.4				1.87		15.5	16.2					
QCV1109-00475-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5644	Soil	<0.05	0.39	11	0.08	0.61	19	<0.5
5644 Dup		<0.05	0.38	12	0.07	0.59	20	<0.5
QCV1109-00475-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
5662	Soil	<0.05	0.89	40	0.16	1.41	79	0.6
5662 Dup		<0.05	0.87	41	0.16	1.42	78	<0.5
QCV1109-00475-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4884	
5680	Soil	0.24	0.91	14	0.56	1.14	97	0.9
5680 Dup		0.23	0.85	14	0.53	1.16	97	0.8
QCV1109-00475-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	
5698	Soil	<0.05	0.78	33	0.19	2.14	72	1.4
5698 Dup		<0.05	0.74	32	0.19	2.09	71	1.4
QCV1109-00475-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
5716	Soil	0.17	1.25	10	0.67	0.99	63	<0.5
5716 Dup		0.17	1.19	10	0.66	1.01	62	<0.5
QCV1109-00475-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							166	
5734	Soil	<0.05	2.17	25	0.13	4.80	130	1.9
5734 Dup		<0.05	2.13	26	0.10	4.68	132	1.9
QCV1109-00475-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
5752	Soil	<0.05	0.44	12	<0.05	0.64	22	<0.5
5752 Dup		<0.05	0.45	12	0.05	0.61	22	<0.5
QCV1109-00475-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5064	
5770	Soil	<0.05	0.91	24	0.08	3.41	65	1.8
5770 Dup		<0.05	0.89	25	0.08	3.37	68	2.0
QCV1109-00475-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	

3Ace Property, Northern Tiger Resources Inc.
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11-360-06750-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5788	Soil	<0.05	1.71	49	0.10	2.68	110	1.7
5788 Dup		<0.05	1.77	50	0.12	2.69	113	1.7
QCV1109-00475-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
1048	Soil	<0.05	1.76	48	12.79	2.15	136	1.7
1048 Dup		<0.05	1.74	44	16.72	1.99	130	2.0
QCV1109-00475-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
QCV1109-00475-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5120	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 4**
Description: **3 ACE**

Date Received: 09/07/2011
Date Completed: 10/09/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	105	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1066	Soil	0.006	0.05	0.95	6.3	29	0.20	0.21	0.04	0.10	14.39	4.8	15	0.55	21.4
1067	Soil	0.008	0.04	2.19	8.8	23	0.41	0.35	0.06	0.08	16.54	22.7	30	0.63	43.1
1068	Soil	<0.005	0.08	1.57	10.0	23	0.44	0.32	0.07	0.10	15.38	15.9	22	0.94	33.8
1069	Soil	0.008	0.05	1.36	6.7	23	0.26	0.26	0.05	0.04	19.32	11.2	16	0.76	26.4
1070	Soil	<0.005	0.11	1.71	50.3	25	0.45	0.31	0.07	0.17	14.60	18.8	24	0.69	36.1
1071	Soil	0.007	0.11	1.55	52.1	19	0.37	0.37	0.04	0.11	17.35	17.0	24	0.49	40.2
1072	Soil	<0.005	0.06	1.75	19.2	19	0.43	0.37	0.04	0.06	16.60	13.4	22	0.69	41.4
1073	Soil	<0.005	0.06	1.63	9.7	23	0.36	0.31	0.06	0.08	22.19	16.2	20	0.57	29.0
1074	Soil	<0.005	0.07	0.91	4.3	15	0.17	0.15	0.06	0.06	11.28	5.8	11	0.37	17.2
1075	Soil	0.006	0.12	1.84	53.1	19	0.47	0.35	0.07	0.08	25.33	27.7	24	0.74	40.0
1076	Soil	<0.005	0.15	2.84	13.2	11	0.84	0.40	0.14	0.03	14.42	32.4	52	1.31	57.5
1077	Soil	0.027	0.63	1.78	271.8	18	0.60	0.39	0.06	0.25	25.78	24.8	24	0.89	45.5
1078	Soil	0.071	0.06	1.84	9.4	24	0.38	0.45	0.02	0.12	16.26	15.8	30	0.84	36.3
1079	Soil	<0.005	0.04	1.78	10.9	20	0.34	0.44	0.04	0.07	18.37	15.1	21	0.65	36.5
1080	Soil	0.009	0.03	1.44	6.0	22	0.27	0.30	0.02	0.07	17.24	18.3	20	0.73	32.4
1081	Soil	<0.005	0.07	1.33	10.0	43	0.52	0.37	0.26	0.08	10.32	10.5	18	0.90	30.0
1082	Soil	<0.005	0.06	0.95	5.0	29	0.24	0.27	0.05	0.10	12.24	6.9	18	0.77	19.6
1083	Soil	0.009	0.15	1.46	8.2	31	0.49	0.34	0.06	0.10	21.30	12.4	22	0.75	43.1
1084	Soil	0.013	0.06	1.53	9.5	31	0.55	0.40	0.07	0.07	27.64	24.1	19	0.84	47.5
1085	Soil	<0.005	0.06	1.86	10.7	34	0.66	0.40	0.09	0.08	36.93	33.2	24	0.97	69.6
1086	Soil	<0.005	0.07	1.18	4.9	45	0.41	0.24	0.11	0.06	11.56	6.2	12	0.93	20.7
1087	Soil	<0.005	0.08	1.42	13.3	21	0.74	0.26	0.14	0.06	42.52	12.9	22	0.81	45.4
1088	Soil	<0.005	0.04	1.39	12.8	27	0.37	0.44	0.05	0.06	28.98	13.0	20	0.99	35.6
1089	Soil	0.014	0.36	1.47	39.3	33	0.72	0.45	0.28	0.12	28.64	34.6	20	0.60	39.4
1090	Soil	<0.005	0.10	1.30	11.4	12	0.38	0.37	0.13	0.03	29.16	25.3	19	0.51	39.8
1091	Soil	<0.005	0.16	1.30	22.5	16	0.66	0.64	0.20	0.02	52.78	22.4	19	0.59	52.1
1092	Soil	0.009	0.05	1.10	37.3	30	0.40	0.34	0.11	0.10	32.20	21.4	15	0.60	25.0
1093	Soil	<0.005	0.15	1.01	14.1	43	0.52	0.30	0.40	0.18	13.58	14.5	23	0.72	22.3
1094	Soil	<0.005	0.04	0.76	2.8	24	0.21	0.14	0.13	0.04	7.30	4.1	8	0.49	6.6
1095	Soil	<0.005	0.10	1.10	15.3	18	0.46	0.38	0.19	0.09	29.13	19.9	21	0.54	32.3
1096	Soil	<0.005	0.06	0.96	11.5	28	0.29	0.37	0.13	0.11	21.40	10.2	19	0.65	21.0
1097	Soil	0.007	0.08	1.58	15.8	31	0.72	0.45	0.12	0.13	31.78	20.3	28	0.67	31.7
1098	Soil	<0.005	0.07	1.51	14.6	28	0.53	0.40	0.15	0.05	25.78	18.0	24	0.74	37.6
1099	Soil	<0.005	0.08	1.71	19.2	26	0.61	0.42	0.06	0.07	15.31	18.9	28	0.78	37.9
1100	Soil	0.006	0.20	1.74	21.3	49	0.69	0.42	0.16	0.09	27.31	23.2	38	0.76	36.8
1101	Soil	0.007	0.27	1.81	53.5	29	0.26	0.45	0.02	0.07	23.12	9.2	35	1.73	27.3
1102	Soil	<0.005	0.14	1.56	52.1	31	0.27	0.42	0.02	0.09	21.92	9.1	28	1.81	28.8
1103	Soil	0.007	0.23	1.45	98.9	29	0.28	0.35	0.02	0.08	19.80	9.2	24	1.81	28.1
1104	Soil	0.006	0.11	1.63	74.7	22	0.26	0.41	0.01	0.07	20.91	11.6	30	1.67	25.9
1105	Soil	0.017	0.11	1.06	66.8	24	0.16	0.26	0.02	0.10	15.33	6.1	20	1.07	14.2

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11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1106	Soil	0.015	0.14	1.58	269.2	45	0.30	0.46	0.02	0.11	24.20	8.4	26	1.67	24.1
1107	Soil	0.034	0.14	1.76	265.3	41	0.21	0.43	0.02	0.18	20.21	14.6	37	1.43	27.3
1108	Soil	0.016	0.15	1.97	115.8	47	0.29	0.44	0.03	0.10	27.31	13.9	35	1.65	31.4
1109	Soil	0.029	0.19	1.82	81.4	27	0.30	0.33	0.03	0.10	33.85	15.3	30	1.73	29.0
1110	Soil	<0.005	0.11	1.88	49.8	46	0.33	0.46	0.03	0.13	27.11	14.2	35	2.35	26.9
1111	Soil	0.018	0.12	2.07	182.6	31	0.35	0.43	0.03	0.10	34.74	17.9	33	1.90	32.8
1112	Soil	0.022	0.06	2.35	133.4	27	0.19	0.44	0.02	0.08	27.86	11.7	39	1.26	26.5
1113	Soil	0.015	0.31	1.36	229.0	66	0.21	0.44	0.02	0.15	19.17	12.8	27	1.27	27.8
1114	Soil	0.033	0.08	2.51	259.6	25	0.33	0.39	0.02	0.09	38.86	14.5	41	1.24	32.5
1115	Soil	0.029	0.07	2.49	256.2	20	0.21	0.39	0.01	0.05	25.38	12.2	41	1.31	26.7
1116	Soil	0.005	0.11	1.85	44.0	26	0.18	0.50	0.01	0.08	20.01	7.6	34	2.26	23.6
1117	Soil	0.007	0.12	2.36	80.4	24	0.17	0.43	<0.01	0.07	27.34	11.0	41	1.45	26.7
1118	Soil	0.008	0.10	2.43	118.2	19	0.28	0.52	<0.01	0.06	26.90	16.8	39	1.29	48.6
1119	Soil	<0.005	0.11	0.63	6.2	39	0.09	0.16	0.01	0.10	10.17	7.1	12	0.93	12.3
1120	Soil	0.024	0.49	1.63	297.4	32	0.68	0.46	0.33	0.21	16.84	10.9	34	6.26	34.2
1121	Soil	0.013	0.30	1.31	121.3	32	0.18	0.47	0.03	0.17	23.60	7.9	21	1.22	22.2
1122	Soil	0.009	0.10	1.34	89.1	25	0.27	0.48	0.01	0.08	28.46	12.7	21	1.16	31.8
1123	Soil	0.013	0.07	1.34	66.0	42	0.24	0.51	0.01	0.09	25.54	12.9	20	1.19	34.4
1124	Soil	0.017	0.07	1.61	82.4	54	0.33	0.65	0.02	0.41	31.50	19.4	31	0.93	42.9
1125	Soil	0.018	0.06	1.76	59.7	36	0.47	0.54	0.27	0.14	21.53	23.9	22	2.64	41.6
1126	Soil	0.010	0.12	3.00	72.8	37	0.58	0.83	0.84	0.35	44.77	40.1	34	1.26	58.0
1127	Soil	<0.005	0.05	2.01	18.4	20	0.26	0.57	0.02	0.13	25.79	14.4	30	2.57	43.5
1128	Soil	0.006	0.07	1.95	28.1	21	0.23	0.45	0.02	0.07	23.21	13.1	27	2.02	37.6
1129	Soil	<0.005	0.06	0.63	5.0	15	0.12	0.24	0.02	0.04	8.98	4.8	11	0.84	16.3
1130	Soil	<0.005	0.11	1.84	30.1	56	0.59	0.60	0.35	0.18	32.54	17.0	21	1.77	43.2
1131	Soil	<0.005	0.08	0.96	8.1	23	0.14	0.20	0.02	0.06	13.27	5.5	12	1.47	21.6
1132	Soil	<0.005	0.14	0.46	5.4	12	0.06	0.15	0.01	0.06	6.49	1.9	8	1.41	7.3
1133	Soil	<0.005	0.13	0.91	7.8	14	0.11	0.27	0.02	0.04	9.41	3.8	17	2.09	15.4
1134	Soil	0.005	0.14	1.29	12.0	41	0.23	0.38	0.02	0.09	22.07	8.4	19	0.61	21.2
1135	Soil	<0.005	0.06	1.44	12.9	36	0.25	0.38	0.03	0.10	24.11	9.3	22	0.70	30.7
1136	Soil	<0.005	0.09	0.94	9.2	55	0.21	0.35	0.03	0.15	17.93	7.3	18	0.65	15.0
1137	Soil	<0.005	0.06	1.13	6.2	38	0.18	0.27	0.03	0.21	12.81	3.9	23	0.48	13.9
1138	Soil	<0.005	0.09	1.21	8.0	40	0.20	0.41	0.03	0.19	15.18	6.1	23	0.72	16.1
1139	Soil	<0.005	0.06	1.32	11.4	43	0.24	0.34	0.02	0.16	20.00	8.6	24	0.47	18.1
1140	Soil	<0.005	0.06	0.73	6.1	28	0.11	0.18	0.02	0.12	8.88	3.7	15	0.38	9.4
1141	Soil	0.005	0.10	1.04	10.8	63	0.19	0.43	0.01	0.13	20.63	7.9	23	0.76	17.8
1142	Soil	<0.005	0.07	1.16	9.3	27	0.21	0.27	0.02	0.09	15.38	10.2	16	0.44	21.3
1143	Soil	<0.005	0.13	0.61	3.6	23	0.12	0.13	0.03	0.09	6.79	2.3	8	0.27	8.5
1144	Soil	0.005	0.10	1.16	18.5	41	0.30	0.33	0.15	0.21	14.11	11.4	20	0.41	24.2
1145	Soil	<0.005	0.04	0.72	5.0	51	0.18	0.19	0.03	0.10	13.71	3.1	11	0.70	9.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1146	Soil	<0.005	0.03	0.44	4.8	19	0.09	0.16	0.02	0.11	8.32	2.4	18	0.52	6.3
1147	Soil	<0.005	0.08	1.13	7.1	32	0.16	0.24	0.03	0.07	22.85	5.8	27	0.51	13.3
1148	Soil	<0.005	0.12	0.89	21.5	28	0.21	0.30	0.06	0.15	19.49	8.3	16	0.41	25.3
1149	Soil	0.005	0.07	1.55	26.6	39	0.38	0.36	0.19	0.20	20.08	18.2	29	0.66	42.6
1150	Soil	<0.005	0.06	0.77	13.2	20	0.13	0.17	0.02	0.08	9.18	4.1	12	0.50	11.1
1151	Soil	<0.005	0.06	1.66	21.7	28	0.31	0.42	<0.01	0.07	18.27	13.5	25	0.85	31.7
1152	Soil	0.011	0.05	2.06	15.0	35	0.31	0.47	0.01	0.08	24.47	14.8	35	3.37	28.2
1153	Soil	0.006	0.04	1.45	62.3	24	0.19	0.33	0.02	0.15	15.85	11.3	29	0.98	19.4
1154	Soil	0.005	0.02	1.52	16.7	19	0.24	0.34	0.07	0.05	25.96	9.8	22	0.60	24.1
1155	Soil	<0.005	0.04	1.87	21.2	24	0.29	0.39	0.04	0.12	24.26	14.2	28	0.63	29.6
1156	Soil	0.005	0.03	1.92	10.6	29	0.39	0.75	0.05	0.04	24.42	22.0	25	1.71	18.6
1157	Soil	<0.005	0.07	1.98	18.5	41	0.33	0.53	<0.01	0.07	22.06	17.5	30	0.81	43.2
1158	Soil	<0.005	0.05	1.97	37.6	27	0.35	0.66	0.05	0.13	19.69	22.2	28	1.10	31.0
1159	Soil	<0.005	0.06	0.87	19.8	25	0.17	0.30	0.02	0.08	12.49	4.0	13	1.73	13.7
1160	Soil	0.009	0.11	1.28	17.2	29	0.41	0.24	0.09	0.12	7.52	6.0	18	1.70	18.3
1161	Soil	<0.005	0.08	1.66	33.3	21	0.42	0.52	0.24	0.09	17.56	23.0	24	0.75	44.4
1162	Soil	<0.005	0.05	1.37	35.5	20	0.38	0.43	0.22	0.14	14.03	18.3	28	0.90	35.1
1163	Soil	0.155	0.21	0.28	608.3	32	0.18	0.49	0.01	0.26	14.36	9.9	7	1.13	38.7
1164	Soil	<0.005	0.07	0.66	12.0	32	0.14	0.35	0.02	0.08	15.43	5.5	13	0.52	15.2
1165	Soil	<0.005	0.14	1.30	14.8	51	0.31	0.44	0.04	0.11	26.10	8.7	25	0.73	22.6
1166	Soil	<0.005	0.08	1.01	13.1	24	0.18	0.34	0.02	0.07	23.33	7.6	18	0.61	18.7
1167	Soil	<0.005	0.05	0.73	6.2	27	0.16	0.24	0.03	0.09	12.59	3.7	14	0.81	9.3
1168	Soil	0.008	0.15	1.19	13.7	35	0.31	0.35	0.04	0.16	16.36	7.7	19	0.59	20.1
1169	Soil	<0.005	0.06	0.47	3.6	27	0.12	0.12	0.05	0.08	6.13	2.2	5	0.29	6.4
1170	Soil	<0.005	0.09	0.84	6.3	21	0.19	0.19	0.02	0.07	9.28	4.2	10	0.38	10.4

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11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1066	Soil	1.91	3.88	<0.05	<0.02	<0.01	0.02	7.1	5.2	0.12	185	1.60	0.01	0.23	12.0
1067	Soil	4.31	5.88	<0.05	0.09	0.01	0.02	7.8	50.2	0.92	637	0.71	<0.01	0.08	39.3
1068	Soil	3.06	4.71	<0.05	0.04	0.02	0.03	7.7	28.1	0.51	482	0.97	0.01	0.23	27.8
1069	Soil	2.81	4.16	<0.05	0.02	0.01	0.02	9.9	23.2	0.44	329	0.45	0.01	0.18	20.0
1070	Soil	3.41	4.70	<0.05	0.06	0.02	0.03	7.2	31.8	0.60	598	0.81	<0.01	0.12	30.5
1071	Soil	3.96	4.32	<0.05	0.07	0.01	0.02	8.5	30.6	0.59	446	0.91	<0.01	0.07	35.8
1072	Soil	4.01	4.81	<0.05	0.07	0.02	0.03	8.5	30.3	0.59	439	0.54	<0.01	0.10	31.4
1073	Soil	3.37	4.67	<0.05	0.05	0.02	0.02	11.2	33.9	0.59	506	0.43	<0.01	0.23	28.9
1074	Soil	1.99	3.68	<0.05	<0.02	<0.01	0.02	5.7	10.9	0.20	204	0.46	0.01	0.22	11.4
1075	Soil	3.82	5.33	<0.05	0.03	0.02	0.02	13.2	41.7	0.72	588	0.49	<0.01	0.09	35.0
1076	Soil	5.48	8.81	<0.05	0.33	0.02	0.03	5.8	66.0	1.27	418	0.41	<0.01	<0.05	54.9
1077	Soil	3.91	5.19	<0.05	0.05	0.03	0.03	13.3	45.9	0.71	685	0.44	<0.01	<0.05	37.2
1078	Soil	3.96	6.22	<0.05	0.12	0.02	0.02	8.4	38.4	0.61	509	1.23	<0.01	0.39	30.4
1079	Soil	3.69	5.18	<0.05	0.09	0.02	0.02	9.1	30.2	0.56	375	0.47	<0.01	0.20	26.3
1080	Soil	2.59	4.54	<0.05	0.05	0.02	0.02	8.1	23.8	0.45	972	1.03	0.01	0.30	20.1
1081	Soil	2.56	4.86	<0.05	0.07	0.02	0.04	5.5	15.4	0.26	431	0.87	0.01	0.37	15.3
1082	Soil	2.15	4.23	<0.05	0.03	0.03	0.03	6.2	8.4	0.16	434	1.13	0.01	0.23	11.6
1083	Soil	2.89	5.27	<0.05	0.04	0.02	0.03	10.6	30.3	0.46	504	1.09	0.01	0.38	23.0
1084	Soil	3.30	4.65	<0.05	0.04	0.02	0.02	14.0	37.5	0.56	1040	0.49	<0.01	0.15	29.1
1085	Soil	3.62	5.50	<0.05	0.05	0.02	0.02	18.5	51.1	0.75	907	0.59	<0.01	0.25	35.1
1086	Soil	1.85	4.01	<0.05	0.02	0.01	0.03	5.9	16.5	0.27	163	0.46	0.02	0.32	11.8
1087	Soil	3.13	3.69	<0.05	0.18	0.04	0.02	19.9	31.3	0.55	405	0.74	<0.01	<0.05	33.0
1088	Soil	3.27	4.44	<0.05	0.05	0.02	0.03	14.2	33.2	0.51	249	0.50	<0.01	0.14	26.7
1089	Soil	3.51	3.83	<0.05	0.20	0.04	0.03	12.6	32.5	0.47	1854	1.04	<0.01	0.09	44.1
1090	Soil	3.41	4.04	<0.05	0.20	0.01	0.02	14.6	37.1	0.62	532	0.37	<0.01	<0.05	38.9
1091	Soil	4.09	4.21	0.06	0.05	0.01	0.02	28.4	36.8	0.64	482	0.37	<0.01	0.05	45.1
1092	Soil	2.98	3.28	<0.05	0.04	0.02	0.02	15.8	25.5	0.38	1022	0.68	<0.01	0.14	26.2
1093	Soil	2.60	3.21	<0.05	0.07	0.02	0.04	6.8	14.3	0.23	678	1.76	0.01	0.27	25.6
1094	Soil	1.45	3.20	<0.05	<0.02	<0.01	0.02	3.6	6.9	0.11	238	0.36	0.02	0.24	6.0
1095	Soil	3.55	3.19	<0.05	0.07	0.02	0.02	14.2	28.5	0.44	676	0.83	<0.01	0.11	36.9
1096	Soil	2.46	3.88	<0.05	0.04	0.01	0.04	10.8	16.7	0.29	389	1.23	<0.01	0.24	18.9
1097	Soil	3.70	5.34	<0.05	0.05	0.03	0.04	14.5	35.4	0.55	1076	1.32	<0.01	0.95	31.8
1098	Soil	3.57	4.55	<0.05	1.70	0.02	0.02	13.4	41.2	0.65	704	0.45	<0.01	0.25	35.5
1099	Soil	3.79	5.70	0.06	0.58	0.02	0.02	7.8	43.1	0.64	621	0.63	<0.01	0.31	31.5
1100	Soil	4.18	5.60	<0.05	0.21	0.02	0.03	14.0	39.7	0.70	1045	0.65	<0.01	0.43	45.0
1101	Soil	5.16	9.06	0.06	0.20	0.02	0.03	11.1	29.4	0.53	681	0.77	<0.01	0.60	24.9
1102	Soil	4.33	8.19	0.05	0.13	0.02	0.03	10.8	23.9	0.42	844	0.74	<0.01	0.43	20.2
1103	Soil	3.92	6.50	0.06	0.14	0.02	0.02	9.9	22.3	0.37	689	0.71	<0.01	0.43	19.6
1104	Soil	4.57	6.96	0.07	0.10	0.02	0.03	10.1	31.7	0.57	486	0.76	<0.01	0.58	26.5
1105	Soil	2.80	5.27	0.05	0.08	0.01	0.02	7.7	16.6	0.29	768	0.63	0.01	0.28	13.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1106	Soil	3.96	7.15	0.07	0.08	0.02	0.03	12.4	20.0	0.36	653	0.97	<0.01	0.60	18.2
1107	Soil	5.13	7.37	0.08	0.06	0.02	0.03	10.2	29.3	0.55	1729	1.61	<0.01	0.61	29.0
1108	Soil	4.54	7.29	0.07	0.08	0.02	0.03	13.9	45.0	0.74	1065	0.93	<0.01	0.36	32.4
1109	Soil	3.63	5.97	0.07	0.08	0.02	0.03	16.8	46.7	0.76	869	0.69	<0.01	0.28	32.7
1110	Soil	4.60	8.28	0.07	0.05	0.02	0.03	13.5	33.4	0.57	1192	0.89	<0.01	0.59	25.0
1111	Soil	4.53	7.08	0.08	0.19	0.02	0.03	17.1	50.0	0.82	1458	0.68	<0.01	0.36	33.8
1112	Soil	5.22	8.50	0.08	0.17	0.02	0.02	12.6	54.2	0.92	643	0.66	<0.01	0.42	36.3
1113	Soil	4.37	7.33	0.06	0.09	0.02	0.03	9.6	14.1	0.25	2868	1.04	<0.01	0.35	17.6
1114	Soil	5.05	8.51	0.09	0.16	0.02	0.01	18.4	68.9	1.10	726	0.58	<0.01	0.26	47.0
1115	Soil	5.53	8.34	0.10	0.15	0.02	0.01	12.0	61.4	1.02	717	0.71	<0.01	0.47	41.8
1116	Soil	4.99	8.90	0.08	0.10	0.02	0.02	9.4	30.4	0.54	667	0.94	<0.01	0.47	24.1
1117	Soil	5.16	8.96	0.08	0.12	0.02	0.01	12.6	57.5	0.93	820	0.81	<0.01	0.50	37.7
1118	Soil	6.00	8.30	0.08	0.15	0.02	0.01	12.8	61.9	1.04	827	1.01	<0.01	0.39	47.1
1119	Soil	1.87	3.28	0.06	0.03	<0.01	0.02	5.5	8.6	0.15	1698	0.61	0.01	0.09	9.0
1120	Soil	3.28	4.77	0.05	0.27	0.03	0.04	8.8	39.0	0.65	522	1.64	0.01	0.38	33.3
1121	Soil	3.90	6.65	0.06	0.04	0.02	0.03	11.9	18.1	0.34	541	1.09	<0.01	0.43	21.6
1122	Soil	4.03	5.20	0.06	0.07	0.03	0.02	14.1	25.5	0.42	617	1.00	<0.01	0.36	29.5
1123	Soil	4.09	5.52	0.08	0.04	0.02	0.02	13.2	22.6	0.38	878	1.01	<0.01	0.41	26.0
1124	Soil	5.54	4.95	0.08	0.13	0.05	0.02	12.0	39.9	0.61	3908	2.30	<0.01	0.31	46.4
1125	Soil	3.98	5.25	0.07	0.12	0.03	0.02	11.7	44.7	0.65	2056	0.90	0.01	0.29	35.6
1126	Soil	6.69	8.28	0.08	0.32	0.06	0.02	20.0	89.2	1.26	4363	1.87	<0.01	0.15	60.3
1127	Soil	4.25	6.34	0.07	0.19	0.03	0.02	14.6	55.6	0.83	1045	0.43	<0.01	0.21	36.4
1128	Soil	5.02	6.54	0.07	0.26	0.02	0.01	12.9	48.6	0.72	556	0.51	<0.01	0.36	32.1
1129	Soil	1.80	2.87	<0.05	0.06	<0.01	0.01	5.1	12.3	0.18	404	0.38	0.01	0.10	8.7
1130	Soil	4.73	5.15	0.08	0.16	0.06	0.01	14.0	38.8	0.52	2688	0.78	<0.01	0.28	30.0
1131	Soil	2.25	3.97	<0.05	0.07	0.01	0.01	7.6	14.9	0.21	244	0.39	0.01	0.27	11.0
1132	Soil	1.07	2.60	<0.05	2.61	<0.01	0.02	3.6	6.3	0.09	96	0.43	0.01	0.26	4.7
1133	Soil	2.68	4.23	<0.05	0.27	0.01	0.01	5.4	17.2	0.26	201	0.50	0.01	0.26	11.0
1134	Soil	3.27	5.46	0.05	0.13	0.02	0.02	10.9	17.6	0.31	611	0.93	<0.01	0.76	17.8
1135	Soil	3.45	5.25	0.05	0.09	0.02	0.02	11.3	24.8	0.43	444	1.06	<0.01	0.67	24.9
1136	Soil	3.10	5.37	0.05	0.08	0.02	0.03	8.8	8.1	0.16	1064	1.22	<0.01	0.72	13.9
1137	Soil	3.00	5.10	<0.05	0.10	0.01	0.03	5.7	8.2	0.16	275	1.72	0.01	0.45	15.6
1138	Soil	4.13	7.10	0.06	0.06	0.02	0.04	7.2	5.5	0.12	727	1.54	<0.01	0.81	14.7
1139	Soil	3.29	4.52	0.07	0.07	0.02	0.02	9.8	25.9	0.42	389	1.34	<0.01	0.31	25.5
1140	Soil	2.08	3.28	0.05	0.04	<0.01	0.02	4.2	7.7	0.16	407	0.95	0.01	0.24	9.7
1141	Soil	3.61	7.06	0.07	0.04	0.02	0.03	10.0	8.0	0.17	944	1.44	<0.01	0.58	14.2
1142	Soil	2.51	3.79	0.06	0.08	0.01	0.02	7.3	21.5	0.37	483	0.72	<0.01	0.25	19.9
1143	Soil	0.98	2.60	0.05	0.07	<0.01	0.02	3.2	6.1	0.11	43	0.51	0.01	0.21	6.7
1144	Soil	2.81	3.84	0.06	0.04	0.02	0.03	6.4	24.2	0.48	530	1.26	<0.01	0.20	26.2
1145	Soil	1.05	3.57	<0.05	0.22	<0.01	0.02	7.2	4.7	0.09	358	0.91	<0.01	0.26	6.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1146	Soil	1.13	2.85	<0.05	0.07	<0.01	0.03	4.2	4.6	0.10	138	1.61	0.01	0.22	11.4
1147	Soil	1.82	4.59	<0.05	0.04	0.01	0.02	11.4	21.0	0.43	139	0.80	<0.01	0.24	21.6
1148	Soil	2.28	3.45	<0.05	0.05	0.02	0.03	9.6	15.2	0.30	508	1.61	<0.01	0.26	18.5
1149	Soil	3.24	4.39	0.06	0.17	0.02	0.02	9.2	38.9	0.72	711	1.65	<0.01	0.24	39.3
1150	Soil	1.41	3.26	<0.05	0.04	<0.01	0.02	4.7	10.9	0.22	292	0.77	0.02	0.17	11.0
1151	Soil	3.44	5.24	0.05	0.18	0.02	0.02	9.1	36.3	0.68	522	0.72	<0.01	0.24	32.4
1152	Soil	3.68	6.48	0.06	0.09	0.02	0.02	10.6	44.5	0.79	1213	1.02	<0.01	0.55	32.4
1153	Soil	3.34	4.81	0.07	0.07	0.02	0.02	8.1	30.3	0.58	726	1.60	<0.01	0.36	32.4
1154	Soil	3.01	4.69	0.06	0.07	0.02	0.01	13.4	37.6	0.70	383	0.71	<0.01	0.33	31.9
1155	Soil	3.85	5.73	0.07	0.11	0.02	0.02	12.1	44.3	0.80	733	0.73	<0.01	0.39	36.9
1156	Soil	3.94	5.43	0.07	0.11	0.02	0.02	12.7	50.7	0.92	955	0.34	<0.01	0.12	45.6
1157	Soil	4.02	5.85	0.07	0.17	0.02	0.01	11.2	51.5	0.93	1537	1.02	<0.01	0.24	42.0
1158	Soil	3.77	5.91	0.07	0.19	0.02	0.02	10.2	59.6	1.02	1894	1.15	<0.01	0.18	37.7
1159	Soil	1.72	4.76	0.05	0.03	0.01	0.03	6.4	11.5	0.18	219	0.88	0.01	0.26	10.8
1160	Soil	2.17	3.75	0.06	0.05	0.02	0.02	3.5	22.4	0.34	272	0.68	<0.01	0.30	17.8
1161	Soil	3.61	4.61	0.08	0.19	0.02	0.03	8.8	47.3	0.85	1629	1.01	<0.01	0.08	46.0
1162	Soil	3.24	3.85	0.05	0.33	0.02	0.04	6.8	33.8	0.64	1336	1.75	<0.01	0.10	42.9
1163	Soil	2.17	2.05	0.05	0.02	0.02	0.04	7.9	1.5	0.03	224	0.61	<0.01	0.14	23.3
1164	Soil	2.48	5.34	<0.05	0.03	0.01	0.02	7.6	6.5	0.13	531	0.97	<0.01	0.18	10.8
1165	Soil	3.47	6.74	0.06	0.03	0.02	0.03	12.1	15.4	0.29	534	1.17	<0.01	0.79	18.5
1166	Soil	2.61	5.11	<0.05	2.33	0.02	0.02	11.6	16.0	0.28	214	0.87	<0.01	0.43	18.0
1167	Soil	1.69	4.60	<0.05	0.79	0.01	0.03	6.3	5.3	0.11	225	1.06	0.01	0.98	8.5
1168	Soil	3.04	4.80	<0.05	0.28	0.02	0.03	6.8	16.8	0.31	515	1.10	<0.01	0.62	18.8
1169	Soil	0.97	3.29	<0.05	0.25	<0.01	0.02	2.9	2.2	0.05	270	0.48	0.01	0.35	4.1
1170	Soil	1.69	3.68	<0.05	0.14	<0.01	0.02	4.6	9.4	0.15	243	0.64	0.01	0.28	9.3

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11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1066	Soil	604	5.1	2.9	<0.01	0.05	0.39	0.4	0.3	0.2	5.9	<0.01	0.02	0.3	<0.005
1067	Soil	337	35.3	2.4	<0.01	0.02	0.33	1.2	<0.2	<0.2	6.6	<0.01	0.03	6.4	<0.005
1068	Soil	459	22.0	3.7	<0.01	0.03	0.36	1.0	0.3	<0.2	8.9	<0.01	0.03	2.9	<0.005
1069	Soil	441	18.1	3.5	<0.01	0.02	0.39	0.9	0.2	<0.2	7.0	<0.01	0.03	2.9	<0.005
1070	Soil	417	31.6	2.9	<0.01	0.03	0.51	1.0	0.3	<0.2	10.2	<0.01	0.03	4.4	<0.005
1071	Soil	353	39.8	2.3	<0.01	0.02	0.66	1.4	<0.2	<0.2	7.7	<0.01	0.03	9.3	<0.005
1072	Soil	419	27.7	3.0	<0.01	0.02	0.45	1.2	<0.2	<0.2	9.4	<0.01	0.03	6.0	<0.005
1073	Soil	396	22.2	3.0	<0.01	0.02	0.41	1.2	0.3	<0.2	8.3	<0.01	0.03	6.0	<0.005
1074	Soil	412	9.2	1.9	<0.01	0.03	0.24	0.5	0.3	<0.2	4.8	<0.01	0.02	0.5	0.011
1075	Soil	306	53.1	2.8	<0.01	0.01	0.55	1.6	<0.2	<0.2	11.5	<0.01	0.04	10.0	<0.005
1076	Soil	161	51.2	2.3	<0.01	<0.01	0.79	2.8	<0.2	<0.2	15.7	<0.01	0.03	17.7	<0.005
1077	Soil	259	223.5	2.7	<0.01	0.02	1.18	2.2	<0.2	<0.2	16.5	<0.01	0.04	18.7	<0.005
1078	Soil	524	21.1	3.8	<0.01	0.04	0.44	0.9	0.3	0.2	5.2	<0.01	0.05	4.5	<0.005
1079	Soil	650	40.4	3.2	<0.01	0.02	0.70	0.7	0.2	<0.2	10.0	<0.01	0.03	3.7	<0.005
1080	Soil	382	50.6	4.0	<0.01	0.03	0.27	0.9	0.5	<0.2	4.0	<0.01	0.04	2.7	<0.005
1081	Soil	734	15.3	5.1	<0.01	0.07	0.42	0.7	0.4	0.3	15.6	<0.01	0.04	1.5	<0.005
1082	Soil	764	11.3	5.0	<0.01	0.06	0.36	0.4	0.5	0.3	5.7	<0.01	0.03	0.5	<0.005
1083	Soil	589	15.2	4.3	<0.01	0.04	0.48	0.8	0.4	0.3	7.1	<0.01	0.03	1.2	0.006
1084	Soil	358	31.6	3.2	<0.01	0.02	0.40	1.5	0.2	<0.2	8.8	<0.01	0.02	5.8	<0.005
1085	Soil	394	29.1	3.4	<0.01	0.01	0.49	1.9	0.2	<0.2	10.2	<0.01	0.04	12.1	0.006
1086	Soil	649	15.6	4.6	<0.01	0.05	0.29	0.6	0.4	0.2	9.4	<0.01	0.02	0.7	0.006
1087	Soil	181	8.1	2.2	<0.01	<0.01	0.43	2.8	<0.2	<0.2	13.5	<0.01	0.03	33.4	<0.005
1088	Soil	237	30.3	3.1	<0.01	0.02	0.52	1.4	<0.2	<0.2	8.9	<0.01	0.03	10.5	<0.005
1089	Soil	646	62.5	3.2	<0.01	0.05	2.80	2.2	0.4	<0.2	26.8	<0.01	0.06	13.6	<0.005
1090	Soil	224	24.7	1.9	<0.01	<0.01	0.44	2.2	<0.2	<0.2	8.1	<0.01	0.02	24.8	<0.005
1091	Soil	769	11.8	2.4	<0.01	<0.01	0.70	2.9	<0.2	<0.2	16.2	<0.01	0.08	22.1	<0.005
1092	Soil	286	44.9	2.5	<0.01	0.02	1.35	1.2	<0.2	<0.2	10.0	<0.01	0.03	10.2	<0.005
1093	Soil	684	15.0	4.4	<0.01	0.07	0.61	1.0	0.3	0.2	18.1	<0.01	0.03	2.8	<0.005
1094	Soil	427	5.8	2.4	<0.01	0.04	0.20	0.3	<0.2	<0.2	8.1	<0.01	0.02	0.3	<0.005
1095	Soil	310	26.2	2.2	<0.01	0.01	0.97	2.7	0.2	<0.2	11.7	<0.01	0.05	14.7	<0.005
1096	Soil	584	14.2	4.2	<0.01	0.05	0.77	0.6	0.2	0.2	8.5	<0.01	0.05	1.9	<0.005
1097	Soil	554	33.9	4.1	<0.01	0.04	1.10	1.4	0.3	0.5	9.9	<0.01	0.06	2.6	0.018
1098	Soil	317	26.0	3.2	<0.01	<0.01	0.73	3.1	<0.2	<0.2	9.8	<0.01	0.06	10.7	<0.005
1099	Soil	590	30.1	3.7	<0.01	0.03	1.01	1.2	0.3	<0.2	7.2	<0.01	0.05	4.6	<0.005
1100	Soil	504	31.1	4.1	<0.01	0.02	0.70	2.1	0.3	0.3	13.1	<0.01	0.05	3.3	<0.005
1101	Soil	1021	21.4	4.7	<0.01	0.07	0.72	0.9	0.6	0.4	5.9	0.01	0.07	1.1	0.007
1102	Soil	937	18.8	4.9	<0.01	0.05	0.71	0.7	0.5	0.3	5.0	0.01	0.07	1.2	0.006
1103	Soil	793	22.1	4.5	<0.01	0.05	0.74	0.7	0.4	0.3	5.4	<0.01	0.07	1.0	<0.005
1104	Soil	663	19.9	4.3	<0.01	0.05	0.82	0.8	0.4	0.3	4.8	<0.01	0.07	1.0	0.007
1105	Soil	606	12.3	3.7	<0.01	0.05	0.57	0.4	0.5	0.3	3.7	<0.01	0.04	0.3	<0.005

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1106	Soil	861	24.1	5.2	<0.01	0.07	1.17	0.5	0.6	0.4	6.0	<0.01	0.08	0.5	<0.005
1107	Soil	1024	33.5	4.7	<0.01	0.07	1.44	0.6	0.5	0.4	5.5	<0.01	0.09	0.8	0.007
1108	Soil	790	34.5	4.2	<0.01	0.04	1.56	0.7	0.4	0.3	5.0	<0.01	0.08	1.1	<0.005
1109	Soil	498	26.4	5.0	<0.01	0.03	1.01	1.1	0.3	0.2	4.7	<0.01	0.05	2.1	0.006
1110	Soil	853	27.9	5.6	<0.01	0.06	0.90	0.6	0.5	0.4	5.8	<0.01	0.08	0.6	0.007
1111	Soil	956	37.4	4.7	<0.01	0.03	0.99	1.3	0.3	0.3	5.4	<0.01	0.08	2.7	0.008
1112	Soil	873	21.2	3.4	<0.01	0.03	0.80	1.3	0.5	0.2	4.9	<0.01	0.08	3.6	0.007
1113	Soil	1146	34.1	5.7	<0.01	0.07	1.40	0.5	0.7	0.3	5.6	<0.01	0.10	0.9	<0.005
1114	Soil	333	32.7	2.8	<0.01	0.01	1.39	2.3	0.3	<0.2	4.2	<0.01	0.10	9.4	<0.005
1115	Soil	529	22.4	2.9	<0.01	0.02	1.28	1.8	0.2	0.2	4.5	<0.01	0.11	6.3	0.005
1116	Soil	993	24.0	4.6	<0.01	0.04	0.77	0.7	0.5	0.3	4.7	0.01	0.10	1.4	0.005
1117	Soil	714	20.0	3.3	<0.01	0.03	0.91	1.5	0.4	0.3	5.8	0.01	0.10	4.3	0.005
1118	Soil	821	29.0	2.3	<0.01	0.04	1.46	1.8	0.4	<0.2	8.0	<0.01	0.13	4.4	0.005
1119	Soil	692	13.1	2.5	<0.01	0.04	0.35	0.1	0.3	<0.2	3.9	<0.01	0.04	<0.2	<0.005
1120	Soil	1062	54.5	5.3	<0.01	0.06	1.42	1.8	0.5	0.2	28.6	<0.01	0.08	2.5	<0.005
1121	Soil	799	33.4	4.6	<0.01	0.05	1.11	0.5	0.4	0.4	6.3	<0.01	0.07	0.7	<0.005
1122	Soil	636	35.4	4.1	<0.01	0.02	3.08	0.9	0.3	0.3	4.2	<0.01	0.10	1.8	<0.005
1123	Soil	587	29.0	3.8	<0.01	0.03	3.01	0.6	0.4	0.3	4.3	<0.01	0.10	1.1	<0.005
1124	Soil	772	54.3	2.9	<0.01	0.05	4.82	1.8	0.4	<0.2	4.2	<0.01	0.14	3.7	<0.005
1125	Soil	463	36.8	2.8	<0.01	0.02	2.07	2.7	0.3	<0.2	8.7	<0.01	0.10	4.1	0.005
1126	Soil	419	91.7	1.7	<0.01	0.02	3.37	8.7	0.3	<0.2	21.6	<0.01	0.19	12.8	<0.005
1127	Soil	508	45.8	2.7	<0.01	0.03	0.69	1.7	0.3	<0.2	2.5	<0.01	0.09	5.1	<0.005
1128	Soil	755	22.6	2.7	<0.01	0.03	1.29	1.5	0.4	<0.2	2.9	<0.01	0.11	4.0	<0.005
1129	Soil	378	10.7	1.6	<0.01	0.03	0.27	0.2	<0.2	<0.2	2.7	<0.01	0.04	<0.2	<0.005
1130	Soil	1304	31.4	2.5	<0.01	0.04	1.08	3.6	0.4	0.2	12.3	<0.01	0.15	2.8	0.005
1131	Soil	390	6.7	2.4	<0.01	0.04	0.35	0.4	0.3	<0.2	2.9	<0.01	0.06	0.5	<0.005
1132	Soil	435	5.1	1.8	<0.01	0.03	0.25	0.8	0.3	<0.2	2.5	0.01	0.03	1.2	<0.005
1133	Soil	656	12.6	2.2	<0.01	0.04	0.37	0.4	0.4	<0.2	2.9	<0.01	0.05	0.5	<0.005
1134	Soil	486	19.5	4.3	<0.01	0.04	0.72	0.6	0.4	0.5	4.2	<0.01	0.05	1.0	0.010
1135	Soil	394	18.9	4.4	<0.01	0.03	0.72	0.7	0.3	0.5	5.0	<0.01	0.05	1.3	0.010
1136	Soil	628	13.4	5.9	<0.01	0.06	0.65	0.4	0.5	0.5	4.8	<0.01	0.05	0.4	0.010
1137	Soil	692	8.1	3.7	<0.01	0.08	0.46	0.2	0.5	0.3	4.8	<0.01	0.05	<0.2	<0.005
1138	Soil	840	12.7	5.7	<0.01	0.09	0.64	0.3	0.7	0.6	4.8	<0.01	0.06	0.3	0.008
1139	Soil	506	11.3	3.5	<0.01	0.04	0.74	0.6	0.3	0.3	4.5	<0.01	0.07	1.5	<0.005
1140	Soil	458	8.4	2.8	<0.01	0.05	0.35	0.2	0.3	0.2	4.1	<0.01	0.03	<0.2	<0.005
1141	Soil	707	19.2	5.9	<0.01	0.06	0.71	0.4	0.5	0.6	4.3	<0.01	0.07	0.4	0.005
1142	Soil	387	21.7	2.6	<0.01	0.03	0.71	0.5	0.2	<0.2	4.7	<0.01	0.03	1.5	<0.005
1143	Soil	293	8.4	1.7	<0.01	0.03	0.26	0.1	0.4	<0.2	4.3	<0.01	0.01	<0.2	<0.005
1144	Soil	584	21.1	5.9	<0.01	0.03	0.83	0.4	0.3	<0.2	11.1	<0.01	0.04	0.5	<0.005
1145	Soil	411	6.4	3.0	<0.01	0.04	0.31	0.2	<0.2	0.4	5.4	<0.01	0.02	<0.2	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1146	Soil	305	5.5	3.0	<0.01	0.03	0.27	0.2	0.2	0.3	3.6	<0.01	0.02	<0.2	<0.005
1147	Soil	361	8.0	3.0	<0.01	0.02	0.35	0.3	0.2	0.3	4.3	<0.01	0.02	0.3	<0.005
1148	Soil	445	18.6	3.0	<0.01	0.02	0.99	0.6	0.3	0.2	4.9	<0.01	0.05	1.0	<0.005
1149	Soil	387	32.5	2.9	<0.01	0.03	0.97	1.9	0.3	<0.2	12.2	<0.01	0.07	4.6	<0.005
1150	Soil	345	12.7	2.0	<0.01	0.03	0.29	0.2	0.2	<0.2	3.3	<0.01	0.03	<0.2	<0.005
1151	Soil	395	25.2	2.9	<0.01	0.02	0.62	1.3	0.3	<0.2	2.9	<0.01	0.09	5.2	<0.005
1152	Soil	592	19.8	4.6	<0.01	0.04	0.31	1.1	0.4	0.4	4.0	0.01	0.11	1.8	0.006
1153	Soil	494	16.8	3.1	<0.01	0.04	0.80	0.7	0.4	0.2	4.6	<0.01	0.06	1.2	0.006
1154	Soil	394	18.5	2.3	<0.01	0.01	0.56	1.1	0.2	<0.2	6.0	<0.01	0.07	3.9	0.009
1155	Soil	550	20.8	2.9	<0.01	0.03	0.62	1.2	0.2	<0.2	4.8	<0.01	0.08	3.7	0.007
1156	Soil	441	10.9	1.8	<0.01	0.02	0.30	2.0	<0.2	<0.2	5.1	<0.01	0.15	3.9	<0.005
1157	Soil	446	27.1	1.6	<0.01	0.02	0.40	1.8	0.3	<0.2	3.0	<0.01	0.10	4.1	<0.005
1158	Soil	798	24.4	2.4	<0.01	0.03	1.26	1.6	<0.2	<0.2	5.1	<0.01	0.17	3.9	<0.005
1159	Soil	529	13.4	6.6	<0.01	0.04	0.50	0.2	0.3	0.4	4.0	<0.01	0.04	<0.2	<0.005
1160	Soil	785	24.0	3.3	<0.01	0.09	0.59	0.5	0.3	<0.2	9.4	<0.01	0.04	0.5	<0.005
1161	Soil	459	34.1	1.7	<0.01	0.02	1.04	2.3	<0.2	<0.2	16.9	<0.01	0.11	6.3	<0.005
1162	Soil	440	27.4	2.3	<0.01	0.04	0.78	2.1	0.2	<0.2	11.0	<0.01	0.10	6.6	<0.005
1163	Soil	318	61.0	4.3	<0.01	0.03	1.87	0.7	<0.2	0.2	30.9	<0.01	0.11	4.7	<0.005
1164	Soil	721	14.5	5.1	<0.01	0.03	0.57	0.2	0.4	0.4	4.4	<0.01	0.04	0.4	<0.005
1165	Soil	525	18.1	5.1	<0.01	0.05	0.72	0.6	0.5	0.7	6.8	<0.01	0.05	0.5	0.011
1166	Soil	360	10.8	4.7	<0.01	0.02	0.66	1.2	<0.2	0.4	4.8	<0.01	0.04	2.0	0.006
1167	Soil	406	7.3	4.4	<0.01	0.05	0.46	0.4	0.4	0.6	4.6	<0.01	0.03	0.4	0.016
1168	Soil	706	22.9	4.9	<0.01	0.07	0.83	0.5	0.4	0.4	5.4	<0.01	0.05	0.8	0.006
1169	Soil	357	4.4	2.6	<0.01	0.05	0.28	0.2	0.4	0.2	5.7	<0.01	0.02	<0.2	0.006
1170	Soil	438	6.8	3.0	<0.01	0.04	0.42	0.3	0.3	0.2	3.5	<0.01	0.02	0.2	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1066	Soil	<0.05	0.61	17	0.07	1.70	29	<0.5
1067	Soil	<0.05	0.60	17	<0.05	2.72	116	1.9
1068	Soil	<0.05	1.30	16	<0.05	4.01	71	1.0
1069	Soil	<0.05	0.89	15	<0.05	2.44	62	0.6
1070	Soil	<0.05	1.12	15	<0.05	3.55	97	1.4
1071	Soil	<0.05	1.55	15	<0.05	2.93	114	1.4
1072	Soil	<0.05	1.56	16	<0.05	3.37	96	1.5
1073	Soil	<0.05	1.11	17	0.05	3.34	81	1.1
1074	Soil	<0.05	0.56	22	<0.05	1.60	36	<0.5
1075	Soil	<0.05	1.54	17	<0.05	3.58	117	0.8
1076	Soil	<0.05	0.92	26	<0.05	3.65	167	13.6
1077	Soil	<0.05	2.07	16	<0.05	4.47	176	2.2
1078	Soil	<0.05	1.16	19	<0.05	3.06	66	3.2
1079	Soil	<0.05	1.08	16	<0.05	2.86	77	2.5
1080	Soil	<0.05	0.77	17	0.05	2.69	59	1.2
1081	Soil	0.06	1.71	19	0.06	4.64	46	1.5
1082	Soil	<0.05	0.94	19	0.07	1.92	35	0.6
1083	Soil	<0.05	1.11	21	0.09	4.08	54	0.9
1084	Soil	<0.05	1.58	17	<0.05	5.13	69	0.8
1085	Soil	0.05	1.22	20	0.06	5.39	75	1.2
1086	Soil	0.05	0.93	19	0.07	2.89	38	<0.5
1087	Soil	<0.05	1.91	13	<0.05	6.39	43	5.7
1088	Soil	<0.05	1.09	16	<0.05	2.55	84	1.3
1089	Soil	0.07	2.90	13	<0.05	14.50	70	4.4
1090	Soil	<0.05	1.35	14	<0.05	4.34	83	7.4
1091	Soil	<0.05	2.21	18	<0.05	7.11	72	2.1
1092	Soil	<0.05	1.17	13	<0.05	3.34	65	0.8
1093	Soil	<0.05	1.41	14	<0.05	6.44	39	1.6
1094	Soil	<0.05	0.48	15	<0.05	1.36	17	<0.5
1095	Soil	<0.05	1.59	13	<0.05	7.37	76	1.7
1096	Soil	<0.05	0.80	16	0.05	2.29	38	0.8
1097	Soil	<0.05	1.66	24	0.06	6.39	66	1.2
1098	Soil	<0.05	1.25	18	<0.05	4.89	85	1.0
1099	Soil	<0.05	1.63	20	<0.05	3.23	91	2.1
1100	Soil	<0.05	1.35	33	<0.05	3.24	96	1.1
1101	Soil	<0.05	1.00	33	0.12	1.66	73	1.0
1102	Soil	<0.05	0.94	30	0.10	1.60	64	1.1
1103	Soil	<0.05	0.92	25	0.10	1.55	59	1.3
1104	Soil	<0.05	0.87	26	0.15	1.63	75	0.8
1105	Soil	<0.05	0.63	21	0.10	0.97	42	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1106	Soil	0.05	0.85	30	0.13	2.04	65	0.6
1107	Soil	<0.05	0.84	29	0.09	1.68	81	0.7
1108	Soil	<0.05	0.93	28	0.10	1.65	89	0.9
1109	Soil	<0.05	0.86	23	0.10	1.92	83	1.1
1110	Soil	0.05	1.03	33	0.12	1.99	80	0.6
1111	Soil	<0.05	1.07	27	0.11	2.23	94	1.6
1112	Soil	<0.05	0.89	29	0.10	1.63	95	2.3
1113	Soil	0.05	0.91	29	0.11	1.39	65	1.1
1114	Soil	<0.05	0.94	27	0.08	1.78	125	2.8
1115	Soil	<0.05	0.71	26	0.11	1.19	103	2.6
1116	Soil	<0.05	0.90	31	0.09	1.14	66	1.3
1117	Soil	<0.05	0.74	28	0.08	1.21	96	2.2
1118	Soil	<0.05	0.95	27	0.07	1.54	117	3.0
1119	Soil	<0.05	0.39	15	0.05	0.82	25	<0.5
1120	Soil	<0.05	1.60	17	0.07	7.16	95	4.4
1121	Soil	<0.05	0.80	28	0.15	1.59	77	<0.5
1122	Soil	<0.05	0.75	21	0.13	1.79	90	1.0
1123	Soil	<0.05	0.73	23	0.15	1.80	76	0.6
1124	Soil	<0.05	0.76	18	0.13	3.41	127	2.3
1125	Soil	<0.05	0.98	17	0.06	5.32	86	2.1
1126	Soil	0.05	1.17	23	0.06	12.72	155	5.4
1127	Soil	<0.05	0.66	18	<0.05	1.47	98	2.9
1128	Soil	<0.05	0.62	21	0.07	1.38	88	2.9
1129	Soil	<0.05	0.40	14	<0.05	0.68	28	<0.5
1130	Soil	<0.05	1.51	19	0.07	13.49	100	2.2
1131	Soil	<0.05	0.43	13	0.06	0.90	36	0.7
1132	Soil	<0.05	0.38	14	0.06	0.46	14	<0.5
1133	Soil	<0.05	0.63	18	0.05	0.77	29	<0.5
1134	Soil	0.06	0.86	28	0.14	1.93	60	0.6
1135	Soil	0.06	0.89	28	0.16	2.41	64	<0.5
1136	Soil	0.06	0.69	30	0.13	1.54	48	<0.5
1137	Soil	<0.05	0.73	22	0.11	1.52	34	<0.5
1138	Soil	0.06	0.92	34	0.11	1.62	48	<0.5
1139	Soil	<0.05	0.90	20	0.08	1.99	54	0.9
1140	Soil	<0.05	0.46	15	0.12	1.03	30	<0.5
1141	Soil	0.07	0.75	36	0.12	1.69	53	<0.5
1142	Soil	<0.05	0.78	15	0.16	1.95	57	1.0
1143	Soil	<0.05	0.41	12	0.06	0.89	22	<0.5
1144	Soil	<0.05	0.91	19	0.07	2.15	76	<0.5
1145	Soil	0.07	0.50	19	0.10	1.22	27	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1146	Soil	<0.05	0.34	16	0.07	0.66	22	<0.5
1147	Soil	<0.05	0.56	22	0.09	1.74	41	<0.5
1148	Soil	<0.05	0.69	18	0.10	2.01	54	0.6
1149	Soil	<0.05	0.98	18	0.07	3.04	86	2.6
1150	Soil	<0.05	0.48	12	0.10	0.99	29	<0.5
1151	Soil	<0.05	1.05	17	0.07	1.53	80	3.1
1152	Soil	0.05	0.68	27	0.24	1.59	81	1.7
1153	Soil	<0.05	0.60	19	0.19	1.23	70	1.0
1154	Soil	<0.05	0.68	19	0.09	2.20	73	1.0
1155	Soil	<0.05	0.81	21	0.10	2.46	88	1.6
1156	Soil	<0.05	0.55	17	<0.05	2.44	96	1.6
1157	Soil	<0.05	0.56	20	0.07	1.50	93	2.9
1158	Soil	<0.05	0.66	19	<0.05	1.81	96	2.7
1159	Soil	<0.05	0.69	21	0.13	0.99	39	<0.5
1160	Soil	<0.05	1.38	13	0.06	1.66	50	<0.5
1161	Soil	<0.05	1.01	15	<0.05	3.88	102	3.3
1162	Soil	<0.05	1.21	13	<0.05	2.94	94	4.7
1163	Soil	0.26	1.01	10	0.37	1.13	70	<0.5
1164	Soil	0.05	0.56	29	0.11	1.41	46	<0.5
1165	Soil	0.08	1.14	37	0.15	3.33	63	<0.5
1166	Soil	<0.05	0.74	28	0.12	1.94	50	<0.5
1167	Soil	0.05	0.57	27	0.16	1.23	33	0.6
1168	Soil	<0.05	0.94	25	0.13	1.94	62	0.7
1169	Soil	<0.05	0.39	15	0.07	0.74	21	<0.5
1170	Soil	<0.05	0.61	16	0.09	1.29	30	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1066	Soil		0.05	0.95	6.3	29	0.20	0.21	0.04	0.10	14.39	4.8	15	0.55	21.4
1066 Dup			0.05	0.91	6.4	28	0.19	0.21	0.04	0.10	14.32	4.7	15	0.55	18.1
QCV1109-00758-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.25												6476.2
1084	Soil		0.06	1.53	9.5	31	0.55	0.40	0.07	0.07	27.64	24.1	19	0.84	47.5
1084 Dup			0.06	1.55	9.4	31	0.55	0.41	0.07	0.07	28.54	23.8	19	0.83	47.8
QCV1109-00758-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.00												6381.9
1102	Soil		0.14	1.56	52.1	31	0.27	0.42	0.02	0.09	21.92	9.1	28	1.81	28.8
1102 Dup			0.14	1.56	52.4	31	0.27	0.41	0.02	0.09	21.87	9.1	28	1.78	28.3
QCV1109-00758-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.33					9.99				21.7			>10000
1120	Soil		0.49	1.63	297.4	32	0.68	0.46	0.33	0.21	16.84	10.9	34	6.26	34.2
1120 Dup			0.50	1.61	296.9	33	0.68	0.46	0.32	0.21	17.07	10.7	34	6.34	34.5
QCV1109-00758-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.52												6493.3
1138	Soil		0.09	1.21	8.0	40	0.20	0.41	0.03	0.19	15.18	6.1	23	0.72	16.1
1138 Dup			0.09	1.17	8.0	41	0.20	0.40	0.03	0.19	15.54	6.1	23	0.73	16.4
QCV1109-00758-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					9.85				21.4			>10000
1156	Soil		0.03	1.92	10.6	29	0.39	0.75	0.05	0.04	24.42	22.0	25	1.71	18.6
1156 Dup			0.03	1.91	10.5	28	0.41	0.74	0.05	0.04	24.60	21.5	24	1.75	18.4
QCV1109-00758-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.49												6135.3
QCV1109-00758-0019-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.49												6260.5
1066	Soil	0.006													
1066 Dup		0.011													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.409													
1084	Soil	0.013													
1084 Dup		0.015													
QCV1109-00759-0004-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1102	Soil	<0.005													
1102 Dup		0.008													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.403													
1120	Soil	0.024													
1120 Dup		0.030													
QCV1109-00759-0008-BLK		<0.005													
1138	Soil	<0.005													
1138 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.092													
QCV1109-00759-0012-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.433													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1066	Soil	1.91	3.88	<0.05	<0.02	<0.01	0.02	7.1	5.2	0.12	185	1.60	0.01	0.23	12.0
1066 Dup		1.81	3.80	<0.05	<0.02	<0.01	0.02	7.1	5.2	0.12	174	1.57	0.01	0.22	11.4
QCV1109-00758-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1084	Soil	3.30	4.65	<0.05	0.04	0.02	0.02	14.0	37.5	0.56	1040	0.49	<0.01	0.15	29.1
1084 Dup		3.32	4.65	<0.05	0.04	0.02	0.02	14.1	37.2	0.57	1061	0.48	<0.01	0.16	30.1
QCV1109-00758-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1102	Soil	4.33	8.19	0.05	0.13	0.02	0.03	10.8	23.9	0.42	844	0.74	<0.01	0.43	20.2
1102 Dup		4.28	8.20	0.05	0.13	0.02	0.02	10.7	23.5	0.42	851	0.73	<0.01	0.43	20.7
QCV1109-00758-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1120	Soil	3.28	4.77	0.05	0.27	0.03	0.04	8.8	39.0	0.65	522	1.64	0.01	0.38	33.3
1120 Dup		3.22	4.81	0.05	0.28	0.03	0.04	9.0	38.9	0.64	518	1.58	0.01	0.39	32.9
QCV1109-00758-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1138	Soil	4.13	7.10	0.06	0.06	0.02	0.04	7.2	5.5	0.12	727	1.54	<0.01	0.81	14.7
1138 Dup		3.77	7.07	0.06	0.06	0.02	0.04	7.3	5.6	0.12	688	1.53	0.01	0.80	12.2
QCV1109-00758-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1156	Soil	3.94	5.43	0.07	0.11	0.02	0.02	12.7	50.7	0.92	955	0.34	<0.01	0.12	45.6
1156 Dup		3.81	5.45	0.07	0.11	0.02	0.02	13.1	50.9	0.91	925	0.34	<0.01	0.13	43.7
QCV1109-00758-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-00758-0019-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1066	Soil	604	5.1	2.9	<0.01	0.05	0.39	0.4	0.3	0.2	5.9	<0.01	0.02	0.3	<0.005
1066 Dup		584	5.1	2.9	<0.01	0.04	0.38	0.4	0.3	0.2	5.7	<0.01	0.02	0.3	<0.005
QCV1109-00758-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9526.2												
1084	Soil	358	31.6	3.2	<0.01	0.02	0.40	1.5	0.2	<0.2	8.8	<0.01	0.02	5.8	<0.005
1084 Dup		369	31.1	3.2	<0.01	0.02	0.40	1.5	0.2	<0.2	9.1	<0.01	0.03	6.0	<0.005
QCV1109-00758-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1102	Soil	937	18.8	4.9	<0.01	0.05	0.71	0.7	0.5	0.3	5.0	0.01	0.07	1.2	0.006
1102 Dup		926	19.0	4.8	<0.01	0.05	0.71	0.7	0.6	0.3	4.7	0.01	0.07	1.1	0.006
QCV1109-00758-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.9				1.41		13.0	15.6					
1120	Soil	1062	54.5	5.3	<0.01	0.06	1.42	1.8	0.5	0.2	28.6	<0.01	0.08	2.5	<0.005
1120 Dup		1061	54.7	5.3	<0.01	0.06	1.43	1.8	0.5	0.3	28.1	<0.01	0.08	2.6	<0.005
QCV1109-00758-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1138	Soil	840	12.7	5.7	<0.01	0.09	0.64	0.3	0.7	0.6	4.8	<0.01	0.06	0.3	0.008
1138 Dup		762	13.0	5.8	<0.01	0.08	0.64	0.3	0.7	0.6	5.2	<0.01	0.06	0.3	0.008
QCV1109-00758-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				1.47		13.9	16.4					
1156	Soil	441	10.9	1.8	<0.01	0.02	0.30	2.0	<0.2	<0.2	5.1	<0.01	0.15	3.9	<0.005
1156 Dup		433	11.3	1.8	<0.01	0.02	0.29	2.0	<0.2	<0.2	5.1	<0.01	0.14	4.0	<0.005
QCV1109-00758-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1109-00758-0019-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Certificate of Analysis

11-360-06752-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1066	Soil	<0.05	0.61	17	0.07	1.70	29	<0.5
1066 Dup		<0.05	0.61	18	0.07	1.64	28	<0.5
QCV1109-00758-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4955	
1084	Soil	<0.05	1.58	17	<0.05	5.13	69	0.8
1084 Dup		<0.05	1.60	16	<0.05	5.06	71	0.8
QCV1109-00758-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4925	
1102	Soil	<0.05	0.94	30	0.10	1.60	64	1.1
1102 Dup		<0.05	0.94	30	0.11	1.55	65	1.1
QCV1109-00758-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
1120	Soil	<0.05	1.60	17	0.07	7.16	95	4.4
1120 Dup		<0.05	1.58	17	0.07	7.12	93	4.4
QCV1109-00758-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4853	
1138	Soil	0.06	0.92	34	0.11	1.62	48	<0.5
1138 Dup		0.06	0.93	35	0.12	1.65	47	<0.5
QCV1109-00758-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
1156	Soil	<0.05	0.55	17	<0.05	2.44	96	1.6
1156 Dup		<0.05	0.54	17	<0.05	2.42	94	1.6
QCV1109-00758-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5297	
QCV1109-00758-0019-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5050	

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11-360-06840-01

Inspectorate Exploration & Mining Services Ltd.
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Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 4**
Description: **3 ACE**

Date Received: 09/02/2011
Date Completed: 09/26/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	117	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5810	Soil	0.009	0.47	1.67	114.2	28	0.21	0.37	0.02	0.39	22.54	8.6	23	1.35	28.2
5811	Soil	<0.005	0.15	1.76	42.7	29	0.18	0.49	<0.01	0.14	30.87	8.0	24	2.83	28.4
5812	Soil	0.005	0.10	1.57	22.3	26	0.13	0.41	0.01	0.09	35.61	7.7	21	2.75	19.6
5813	Soil	0.005	0.07	2.41	31.7	24	0.40	0.54	0.02	0.11	34.26	19.2	29	2.97	54.0
5814	Soil	<0.005	0.26	1.89	39.0	52	0.53	0.72	0.02	0.18	30.48	19.9	27	5.10	93.2
5815	Soil	0.008	0.11	2.30	64.4	26	0.24	0.50	0.04	0.14	31.33	13.4	30	2.66	45.4
5816	Soil	<0.005	0.05	2.11	36.4	27	0.26	0.52	0.02	0.08	36.38	12.4	26	3.02	39.5
5817	Soil	<0.005	0.14	1.19	29.5	49	0.28	0.46	0.01	0.11	21.31	8.6	16	3.87	27.1
5818	Soil	0.006	0.04	2.42	68.0	21	0.23	0.39	0.04	0.07	40.54	16.8	31	1.30	37.5
5819	Soil	<0.005	0.09	1.18	61.5	22	0.21	0.16	0.10	0.06	12.93	5.2	14	0.90	13.9
5820	Soil	0.007	0.16	2.02	69.0	24	0.21	0.37	0.02	0.08	33.95	11.1	26	0.88	29.3
5821	Soil	<0.005	0.07	1.49	64.9	40	0.24	0.40	0.02	0.17	27.81	9.4	22	1.81	23.2
5822	Soil	<0.005	0.12	1.32	19.1	25	0.14	0.36	0.01	0.07	29.32	5.3	16	2.32	15.3
5823	Soil	0.006	0.04	2.24	38.5	16	0.36	0.41	0.07	0.08	47.13	18.4	29	1.23	42.2
5824	Soil	0.012	0.05	2.05	124.8	21	0.23	0.36	0.02	0.13	24.64	14.1	26	0.85	30.1
5825	Soil	0.005	0.06	1.05	32.1	25	0.11	0.14	0.01	0.11	17.86	6.2	14	0.57	11.5
5826	Soil	<0.005	0.07	1.06	44.2	41	0.21	0.42	0.04	0.14	26.35	7.4	19	1.62	24.8
5827	Soil	<0.005	0.21	1.45	32.9	25	0.15	0.30	0.01	0.10	25.53	8.9	20	1.00	23.4
5828	Soil	0.008	0.22	1.51	53.6	30	0.49	0.26	0.36	0.07	14.33	10.0	20	8.07	27.7
5829	Soil	<0.005	0.11	2.11	69.1	24	0.21	0.38	0.02	0.11	32.92	16.9	25	1.16	38.8
5830	Soil	0.007	0.08	2.08	91.9	21	0.17	0.46	<0.01	0.07	42.39	13.1	29	1.48	36.3
5831	Soil	0.012	0.21	1.38	44.0	29	0.13	0.34	0.01	0.09	24.84	8.1	20	1.21	24.1
5832	Soil	0.021	0.30	1.24	75.0	28	0.14	0.38	0.02	0.08	22.14	7.3	21	1.31	24.8
5833	Soil	<0.005	0.11	1.28	85.1	22	0.15	0.44	0.02	0.09	25.68	6.3	23	1.58	26.2
5834	Soil	<0.005	0.14	1.63	72.3	24	0.19	0.37	0.02	0.09	22.05	9.7	27	1.60	29.4
5835	Soil	0.007	0.07	1.97	82.9	20	0.21	0.39	0.01	0.05	24.92	8.9	29	1.81	30.5
5836	Soil	0.015	0.17	1.63	140.2	24	0.19	0.35	0.02	0.12	20.09	11.5	27	1.76	34.5
5837	Soil	0.010	0.07	1.22	116.3	21	0.15	0.39	0.01	0.15	23.05	14.5	27	1.85	30.1
5838	Soil	0.040	0.07	2.06	129.7	29	0.28	0.41	0.02	0.08	31.70	13.7	30	1.43	35.3
5839	Soil	0.011	0.11	2.04	115.7	26	0.26	0.45	0.01	0.12	28.00	12.1	26	2.18	32.5
5840	Soil	0.008	0.08	1.06	42.4	32	0.12	0.34	0.01	0.07	24.31	6.2	19	1.28	22.0
5841	Soil	0.005	0.18	1.29	63.1	29	0.20	0.26	0.02	0.09	15.03	7.1	17	1.50	25.2
5842	Soil	0.009	0.17	1.51	77.9	23	0.24	0.34	0.01	0.18	24.80	10.0	25	2.10	33.0
5843	Soil	0.023	0.07	2.09	241.7	20	0.38	0.41	0.02	0.15	28.80	19.5	31	2.21	49.1
5844	Soil	<0.005	0.19	1.39	38.1	30	0.16	0.34	0.01	0.10	27.54	7.1	21	1.75	20.2
5845	Soil	<0.005	0.20	1.69	42.1	36	0.20	0.40	0.01	0.10	40.84	6.9	24	1.50	23.8
5846	Soil	0.008	0.17	1.98	79.7	20	0.17	0.64	0.01	0.11	34.89	10.8	34	1.53	34.1
5847	Soil	0.010	0.20	1.20	47.4	32	0.18	0.50	0.04	0.15	32.78	7.9	23	2.02	22.4
5848	Soil	0.006	0.07	1.76	75.9	21	0.15	0.43	0.03	0.17	33.82	11.2	30	1.65	30.4
5849	Soil	<0.005	0.06	1.05	22.6	57	0.17	0.30	0.04	0.14	33.12	6.8	14	1.74	8.0

3Ace Property, Northern Tiger Resources Inc.

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Buchanan et al., 2011

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5850	Soil	<0.005	0.03	0.85	15.7	22	0.15	0.35	0.05	0.10	20.76	7.4	14	1.14	20.1
5851	Soil	<0.005	0.07	0.85	10.6	16	0.11	0.36	0.02	0.04	15.53	5.2	13	2.39	21.6
5852	Soil	<0.005	0.18	1.54	40.3	49	0.48	0.98	1.15	0.25	31.52	31.0	19	2.17	75.9
5853	Soil	0.010	0.11	2.28	65.6	25	0.52	0.81	0.19	0.14	29.54	22.7	30	4.02	62.9
5854	Soil	<0.005	0.08	1.30	41.8	20	0.22	0.49	0.11	0.08	26.08	9.5	21	1.71	20.3
5855	Soil	0.010	0.03	2.55	37.6	20	0.49	0.73	0.06	0.12	48.30	21.9	33	2.21	72.3
5856	Soil	<0.005	0.10	1.10	23.8	36	0.16	0.39	0.01	0.06	29.09	4.9	17	2.35	21.9
5857	Soil	0.007	0.06	1.84	38.6	24	0.27	0.59	0.01	0.05	34.29	11.2	28	2.33	34.2
5858	Soil	<0.005	0.07	1.37	13.4	27	0.16	0.47	<0.01	0.05	32.40	5.7	20	1.41	24.9
5859	Soil	0.029	0.24	2.22	110.5	31	0.99	0.94	0.07	0.26	53.21	37.7	29	3.21	78.2
5860	Soil	0.025	0.19	2.21	117.1	29	0.75	0.95	0.05	0.29	36.55	41.9	28	2.63	62.6
5861	Soil	0.006	0.18	1.32	24.9	28	0.18	0.58	0.02	0.13	33.75	14.3	23	3.22	26.1
5862	Soil	0.024	0.16	1.30	57.2	50	0.50	0.36	0.09	0.18	49.02	14.3	26	1.12	37.2
5863	Soil	0.028	0.23	0.79	85.3	23	0.16	0.32	0.04	0.15	28.10	6.2	15	1.37	22.1
5864	Soil	0.014	0.05	1.11	42.4	36	0.34	0.23	0.04	0.09	41.02	7.7	15	0.93	26.7
5865	Soil	<0.005	0.09	1.47	16.2	30	0.21	0.42	0.03	0.11	36.87	9.9	24	0.62	26.6
5866	Soil	<0.005	0.11	1.73	14.6	34	0.40	0.38	0.04	0.19	31.84	8.6	23	0.67	26.6
5867	Soil	0.007	0.12	0.78	8.1	47	0.15	0.27	0.05	0.11	15.55	4.6	15	0.43	13.3
5868	Soil	0.009	0.09	1.44	13.8	49	0.22	0.38	0.03	0.23	16.61	8.9	25	0.58	19.9
5869	Soil	0.005	0.07	1.32	12.7	30	0.23	0.28	0.02	0.08	17.62	13.6	17	0.46	20.8
5870	Soil	0.007	0.10	1.13	12.1	41	0.22	0.43	0.02	0.08	20.87	12.6	17	0.73	19.7
5871	Soil	0.007	0.13	0.94	11.3	58	0.15	0.39	0.01	0.11	21.29	5.8	19	0.67	20.7
5872	Soil	0.008	0.07	1.36	13.0	39	0.24	0.30	0.02	0.13	25.54	8.4	18	0.50	20.2
5873	Soil	0.009	0.15	1.22	12.0	69	0.21	0.37	0.03	0.19	23.18	12.9	30	0.59	24.0
5874	Soil	0.008	0.04	1.22	31.3	28	0.23	0.37	0.02	0.11	25.91	9.8	23	0.43	28.4
5875	Soil	0.008	0.10	0.74	12.7	37	0.19	0.42	0.02	0.11	27.96	3.8	11	1.01	15.1
5876	Soil	0.009	0.13	1.61	13.8	75	0.39	0.32	0.05	0.18	27.47	15.0	36	0.66	27.6
5877	Soil	0.011	0.08	1.63	39.7	29	0.13	0.42	0.01	0.07	28.28	8.0	30	0.69	20.6
5878	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5879	Soil	0.009	0.14	1.41	15.5	25	0.17	0.26	<0.01	0.07	15.37	6.6	20	0.58	17.0
5880	Soil	0.008	0.06	0.97	16.4	38	0.21	0.32	0.08	0.19	17.60	9.3	20	3.29	11.7
5881	Soil	0.007	0.08	2.10	37.6	22	0.19	0.44	0.01	0.10	26.63	11.8	35	1.30	22.8
5882	Soil	0.009	0.09	1.39	20.8	31	0.32	0.32	0.04	0.13	25.56	11.4	21	1.11	19.7
5883	Soil	0.009	0.08	2.07	22.1	34	0.42	0.33	0.14	0.12	35.52	13.7	34	0.81	26.7
5884	Soil	0.008	0.05	0.95	13.1	32	0.21	0.18	0.12	0.09	15.13	4.2	11	0.55	13.1
5885	Soil	0.010	0.05	1.46	8.1	37	0.23	0.31	0.02	0.10	19.58	12.5	25	1.17	23.3
5886	Soil	0.007	0.05	2.03	16.7	31	0.36	0.39	<0.01	0.05	30.42	14.0	35	1.24	37.6
5887	Soil	0.007	0.06	2.15	25.6	23	0.21	0.43	0.01	0.05	11.84	4.4	34	2.01	32.2
5888	Soil	0.009	0.06	2.33	16.9	17	0.27	0.48	0.03	0.05	10.01	13.7	39	3.62	41.0
5889	Soil	0.008	0.06	2.54	21.2	29	0.25	0.52	0.02	0.08	20.80	12.1	40	3.29	37.8

NS = No Sample

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5890	Soil	0.021	0.10	2.15	98.2	26	0.30	0.57	0.02	0.10	29.92	14.2	33	1.53	33.1
5891	Soil	0.084	0.08	1.49	51.4	35	0.38	0.39	0.13	0.17	23.53	16.4	26	1.24	38.3
5892	Soil	0.087	0.24	0.27	174.5	24	0.46	0.67	0.02	0.13	36.23	20.1	9	2.32	40.1
5893	Soil	0.013	0.06	0.97	66.7	33	0.20	0.45	0.02	0.13	23.49	5.4	15	0.76	16.3
5894	Soil	0.014	0.23	0.30	57.1	15	0.13	0.42	<0.01	0.05	10.42	6.2	8	1.29	24.7
5895	Soil	0.285	0.79	0.20	3226.3	31	0.17	0.61	<0.01	0.37	17.66	8.7	16	1.45	27.6
5896	Soil	0.032	0.11	0.31	64.6	16	0.27	0.59	<0.01	0.06	22.97	8.8	10	1.17	50.2
5897	Soil	0.127	0.23	0.23	685.9	21	0.13	0.62	<0.01	0.16	21.35	8.7	9	1.24	31.1
5898	Soil	0.056	0.15	0.22	1372.7	38	0.10	0.44	<0.01	0.06	15.12	4.9	6	1.89	14.3
5899	Soil	0.438	0.44	0.21	1488.4	42	0.14	0.72	<0.01	0.25	33.92	9.9	8	1.61	26.9
5900	Soil	0.053	0.34	0.24	685.9	28	0.19	0.41	0.20	0.51	20.11	11.7	12	0.99	29.1
5901	Soil	0.040	0.16	1.73	125.1	25	0.64	0.49	0.12	0.20	27.46	27.6	37	1.39	52.2
5902	Soil	0.019	0.44	1.51	171.7	26	0.17	0.44	0.02	0.13	20.07	10.8	26	1.01	22.2
5903	Soil	0.008	0.10	0.43	13.4	13	0.25	0.41	0.01	0.07	19.91	12.5	16	1.46	41.3
5904	Soil	0.007	0.11	1.76	39.0	25	0.23	0.72	0.01	0.07	23.92	6.7	30	2.16	25.9
5905	Soil	0.008	0.09	1.81	70.3	22	0.21	0.57	0.01	0.07	26.11	7.9	27	2.54	29.1
5906	Soil	0.021	0.16	1.76	25.2	23	0.16	0.54	0.01	0.07	34.16	8.2	27	1.79	34.9
5907	Soil	0.011	0.12	1.58	38.6	22	0.18	0.34	0.01	0.05	30.01	8.3	23	1.57	33.4
5908	Soil	0.012	0.14	2.15	82.4	24	0.34	0.51	0.01	0.11	33.37	16.9	31	1.79	45.3
5909	Soil	0.013	0.19	1.79	116.9	25	0.27	0.41	0.01	0.15	23.21	15.0	27	1.33	41.2
5910	Soil	0.012	0.13	1.71	119.4	20	0.23	0.38	<0.01	0.09	23.86	12.8	30	1.61	34.5
5911	Soil	0.010	0.09	1.69	40.5	35	0.32	0.47	0.02	0.16	27.86	14.3	23	1.05	37.1
5912	Soil	0.012	0.16	0.78	47.2	44	0.15	0.28	0.04	0.09	13.28	5.5	13	1.09	24.6
5913	Soil	0.011	0.12	1.52	79.6	51	0.47	0.35	0.18	0.19	16.55	13.8	24	1.09	33.5
5914	Soil	0.108	0.44	1.20	363.5	28	0.24	0.28	0.03	0.37	19.85	11.9	21	0.80	28.3
5915	Soil	0.040	0.19	1.85	117.9	21	0.26	0.35	0.02	0.13	22.73	12.7	29	0.93	41.0
5916	Soil	0.013	0.13	1.52	63.3	39	0.22	0.36	0.02	0.11	23.35	9.4	28	1.28	25.3
5917	Soil	0.010	0.11	1.26	54.1	34	0.18	0.36	0.01	0.07	19.04	8.0	23	0.87	20.2
5918	Soil	0.007	0.12	1.36	75.1	44	0.21	0.40	0.01	0.09	17.53	9.0	31	1.38	26.7
5919	Soil	0.006	0.13	1.19	54.0	25	0.27	0.22	0.02	0.11	8.19	9.8	22	1.22	21.8
5920	Soil	0.008	0.10	1.07	10.6	28	0.20	0.22	0.02	0.10	9.50	6.0	22	0.89	15.4
5921	Soil	0.007	0.09	1.79	37.3	28	0.26	0.31	0.02	0.09	13.18	13.5	27	0.91	28.8
5922	Soil	0.014	0.22	1.23	110.8	39	0.23	0.29	0.03	0.12	19.03	8.0	24	1.07	24.6
5923	Soil	0.015	0.07	1.83	139.8	22	0.24	0.33	<0.01	0.07	23.43	12.7	33	0.78	29.2
5924	Soil	0.006	0.18	1.05	79.5	128	0.22	0.32	0.02	0.20	14.83	13.0	21	1.38	23.2
5925	Soil	0.013	0.08	1.07	93.5	73	0.21	0.27	0.02	0.10	14.13	10.2	21	1.40	24.9
5926	Soil	0.014	0.15	1.18	81.6	28	0.23	0.27	<0.01	0.13	13.23	9.5	26	1.40	22.7

NS = No Sample

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Vol 6-421
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Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 6-422

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5810	Soil	3.92	6.35	<0.05	0.31	0.04	0.03	12.2	30.2	0.55	463	0.76	<0.01	0.63	22.9
5811	Soil	4.34	8.04	<0.05	0.11	0.03	0.03	17.1	29.6	0.63	432	0.81	<0.01	0.62	22.3
5812	Soil	4.02	7.43	<0.05	0.07	0.02	0.03	19.3	22.7	0.48	483	0.58	<0.01	0.80	16.3
5813	Soil	4.58	7.02	<0.05	0.11	0.03	0.03	20.0	52.6	1.04	810	0.62	<0.01	0.25	37.9
5814	Soil	3.81	7.00	<0.05	0.12	0.04	0.04	16.9	31.2	0.58	748	1.30	0.01	0.35	27.6
5815	Soil	4.51	7.00	<0.05	0.12	0.03	0.03	16.0	43.2	0.92	683	0.89	<0.01	0.34	35.1
5816	Soil	4.32	7.20	<0.05	0.06	0.03	0.03	19.2	43.9	0.81	590	0.86	<0.01	0.47	30.9
5817	Soil	2.86	5.12	<0.05	0.07	0.02	0.03	11.0	14.4	0.27	1074	0.71	0.01	0.30	13.0
5818	Soil	4.47	7.38	0.05	0.08	0.02	0.02	19.6	53.5	1.06	1138	0.74	<0.01	0.31	39.4
5819	Soil	1.79	3.97	<0.05	0.10	0.01	0.02	6.2	24.4	0.43	233	0.35	0.02	0.36	16.1
5820	Soil	4.15	7.14	<0.05	0.05	0.02	0.03	16.6	44.8	0.87	633	0.79	<0.01	0.41	31.1
5821	Soil	3.41	6.71	<0.05	0.08	0.02	0.04	13.8	25.7	0.53	565	0.88	<0.01	0.39	21.6
5822	Soil	3.29	6.84	<0.05	0.05	0.02	0.02	17.3	18.5	0.36	330	0.55	<0.01	0.67	13.2
5823	Soil	4.27	6.68	<0.05	0.05	0.02	0.02	24.8	55.4	1.07	871	0.71	<0.01	0.14	42.4
5824	Soil	4.01	6.25	<0.05	0.08	0.02	0.02	12.3	41.1	0.88	754	0.77	<0.01	0.26	32.8
5825	Soil	1.93	3.83	<0.05	0.03	<0.01	0.02	8.9	23.5	0.43	498	0.45	0.01	0.12	16.5
5826	Soil	3.45	6.79	<0.05	0.03	0.02	0.04	13.0	9.3	0.24	1120	1.11	<0.01	0.28	13.4
5827	Soil	3.97	5.94	<0.05	0.05	0.02	0.02	13.1	23.0	0.51	910	0.78	<0.01	0.28	19.6
5828	Soil	2.21	3.90	<0.05	0.23	0.02	0.04	7.3	28.1	0.57	802	0.73	0.02	0.35	19.6
5829	Soil	4.33	6.63	<0.05	0.09	0.02	0.02	16.6	42.7	0.94	1038	0.99	<0.01	0.32	36.2
5830	Soil	5.20	7.77	<0.05	0.04	0.02	0.02	21.1	34.6	0.83	699	0.77	<0.01	0.55	32.0
5831	Soil	3.81	6.84	<0.05	0.03	0.02	0.03	12.7	15.3	0.36	899	0.83	<0.01	0.39	15.0
5832	Soil	4.01	7.49	<0.05	0.02	0.02	0.03	10.5	11.7	0.31	663	1.10	0.01	0.44	15.9
5833	Soil	4.55	9.15	<0.05	0.02	0.02	0.03	12.9	11.8	0.31	424	1.09	<0.01	0.53	15.6
5834	Soil	4.47	6.98	<0.05	0.04	0.02	0.03	10.6	16.8	0.47	818	1.08	<0.01	0.46	20.5
5835	Soil	5.14	7.40	<0.05	0.05	0.02	0.02	11.9	22.5	0.60	540	0.69	<0.01	0.68	23.5
5836	Soil	3.88	5.44	<0.05	0.12	0.02	0.02	9.7	20.7	0.57	921	1.28	0.01	0.31	27.6
5837	Soil	3.99	5.64	<0.05	0.02	0.03	0.03	11.2	19.0	0.46	1962	1.26	0.01	0.21	22.5
5838	Soil	4.30	6.35	<0.05	0.09	0.03	0.03	15.5	41.4	0.87	598	0.78	<0.01	0.44	35.8
5839	Soil	4.33	6.28	<0.05	0.05	0.02	0.05	13.8	34.9	0.75	585	0.86	<0.01	0.63	28.4
5840	Soil	2.97	6.16	<0.05	<0.02	0.02	0.03	12.8	10.9	0.23	493	0.90	<0.01	0.23	12.1
5841	Soil	2.63	4.84	<0.05	0.06	0.01	0.02	7.6	17.5	0.35	505	0.60	0.01	0.28	15.8
5842	Soil	3.25	5.24	<0.05	0.06	0.02	0.03	12.5	27.8	0.56	523	1.26	0.01	0.41	25.6
5843	Soil	4.41	5.76	<0.05	0.11	0.03	0.02	13.5	34.6	0.81	747	1.07	<0.01	0.15	42.0
5844	Soil	3.10	6.30	<0.05	1.24	0.01	0.03	14.9	24.6	0.43	586	0.90	0.01	0.46	18.6
5845	Soil	3.46	7.59	<0.05	0.20	0.02	0.03	21.5	23.4	0.45	467	0.99	0.01	0.75	19.4
5846	Soil	5.03	8.15	<0.05	0.17	0.02	0.03	17.8	34.3	0.74	557	1.20	0.01	0.50	31.0
5847	Soil	4.00	7.90	<0.05	0.06	0.02	0.04	17.1	14.4	0.35	1154	1.38	<0.01	0.39	18.1
5848	Soil	3.95	6.81	<0.05	0.11	0.02	0.03	17.9	29.2	0.68	604	1.44	<0.01	0.39	30.5
5849	Soil	1.94	5.01	<0.05	0.06	0.02	0.03	17.9	18.9	0.30	962	0.69	<0.01	0.27	12.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5850	Soil	2.16	4.33	<0.05	0.09	0.01	0.03	11.4	17.2	0.31	432	1.13	0.01	0.23	14.8
5851	Soil	1.77	3.18	<0.05	0.08	<0.01	0.02	9.2	21.3	0.35	301	0.55	0.01	0.10	15.4
5852	Soil	4.21	4.20	<0.05	0.16	0.05	0.04	15.6	30.0	0.64	2451	1.11	<0.01	0.10	47.0
5853	Soil	4.26	5.96	<0.05	0.14	0.03	0.04	16.1	53.8	0.88	1162	0.79	<0.01	0.20	44.4
5854	Soil	3.20	5.56	<0.05	0.04	0.02	0.03	14.9	27.0	0.49	453	0.86	0.01	0.31	21.6
5855	Soil	4.95	7.01	0.06	0.18	0.03	0.03	27.6	68.1	1.03	582	0.96	<0.01	0.19	48.0
5856	Soil	2.93	6.06	<0.05	0.10	0.02	0.03	17.1	12.9	0.23	279	0.86	0.01	0.31	11.5
5857	Soil	4.33	6.36	<0.05	0.11	0.02	0.04	18.2	37.9	0.66	362	0.76	<0.01	0.68	28.5
5858	Soil	3.23	6.95	<0.05	0.12	0.02	0.03	19.5	20.3	0.32	234	0.61	<0.01	0.48	13.9
5859	Soil	4.72	6.98	0.06	0.15	0.04	0.03	30.2	60.5	0.94	1678	0.86	<0.01	0.15	52.3
5860	Soil	4.51	6.95	0.06	0.17	0.03	0.03	20.2	57.2	0.88	1552	1.00	<0.01	0.28	50.1
5861	Soil	3.75	6.73	<0.05	0.04	0.03	0.03	19.0	25.9	0.39	922	0.89	<0.01	0.57	20.6
5862	Soil	3.33	4.46	0.06	0.03	0.02	0.03	25.9	27.7	0.50	490	0.75	<0.01	0.59	37.5
5863	Soil	1.97	3.27	<0.05	0.04	0.02	0.04	14.3	10.5	0.22	181	0.96	0.01	0.27	17.3
5864	Soil	2.93	3.23	<0.05	0.04	0.02	0.03	21.9	17.2	0.31	325	0.64	<0.01	0.42	21.7
5865	Soil	3.75	5.62	<0.05	0.03	0.02	0.04	17.4	22.7	0.50	361	1.03	<0.01	0.45	23.5
5866	Soil	4.07	6.55	0.05	0.04	0.02	0.03	15.1	18.8	0.37	269	1.12	<0.01	0.54	21.0
5867	Soil	2.40	5.07	<0.05	0.04	0.01	0.04	7.6	5.9	0.13	394	1.01	0.01	0.29	9.2
5868	Soil	3.53	6.28	<0.05	0.04	0.02	0.04	8.2	21.2	0.39	673	0.93	<0.01	0.48	18.5
5869	Soil	2.67	4.32	<0.05	0.04	0.01	0.02	8.6	24.2	0.45	328	0.62	<0.01	0.27	20.2
5870	Soil	3.04	6.30	<0.05	<0.02	0.02	0.04	10.7	8.7	0.19	1164	1.01	<0.01	0.29	10.4
5871	Soil	3.30	6.38	<0.05	0.02	0.02	0.04	10.6	10.4	0.24	733	1.03	<0.01	0.20	13.2
5872	Soil	2.94	4.67	0.05	0.07	0.01	0.03	12.7	19.0	0.38	886	0.87	<0.01	0.29	18.5
5873	Soil	3.16	4.67	<0.05	0.05	0.01	0.04	11.1	22.9	0.43	1948	2.07	<0.01	0.23	27.9
5874	Soil	3.21	4.68	<0.05	0.06	0.02	0.03	13.2	25.4	0.45	295	1.16	<0.01	0.30	25.6
5875	Soil	1.70	5.99	<0.05	0.03	0.01	0.03	14.5	1.8	0.05	172	1.26	<0.01	0.34	7.3
5876	Soil	3.29	5.33	0.05	0.05	0.02	0.03	12.8	27.9	0.58	1839	1.15	<0.01	0.30	30.7
5877	Soil	4.85	8.25	0.06	0.03	0.02	0.02	14.5	27.1	0.56	559	0.86	<0.01	0.45	23.2
5878	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5879	Soil	2.67	4.93	<0.05	1.33	0.01	0.03	8.2	19.8	0.39	287	0.73	<0.01	0.33	17.8
5880	Soil	3.78	4.51	<0.05	0.33	0.01	0.02	9.1	28.5	0.44	1132	0.85	<0.01	0.34	21.4
5881	Soil	4.69	7.98	0.05	0.26	0.02	0.02	14.1	42.0	0.74	718	0.67	<0.01	0.55	29.9
5882	Soil	2.48	4.52	<0.05	0.14	0.02	0.03	11.0	29.7	0.49	738	0.80	0.01	0.29	23.2
5883	Soil	3.76	5.96	0.05	0.13	0.02	0.03	17.7	45.1	0.78	545	0.79	<0.01	0.62	36.9
5884	Soil	1.58	3.89	<0.05	0.12	<0.01	0.02	8.0	12.5	0.21	204	0.68	0.02	0.33	11.5
5885	Soil	2.79	5.32	<0.05	0.11	0.01	0.03	9.7	38.0	0.63	830	0.69	0.01	0.38	23.9
5886	Soil	3.95	6.89	0.06	0.16	0.02	0.02	14.6	59.0	0.95	565	0.57	<0.01	0.30	37.1
5887	Soil	4.51	8.43	0.07	0.15	0.02	0.02	4.9	51.2	0.80	476	0.74	<0.01	0.29	29.1
5888	Soil	4.45	8.19	0.07	0.23	0.03	0.02	3.9	65.0	0.96	612	0.56	<0.01	0.17	42.9
5889	Soil	4.62	8.71	0.06	0.36	0.03	0.03	8.4	63.9	0.97	662	0.87	<0.01	0.35	40.2

NS = No Sample

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5890	Soil	4.65	6.85	0.07	0.14	0.03	0.02	15.2	54.2	0.80	651	0.84	<0.01	0.43	41.6
5891	Soil	3.63	4.83	0.05	0.08	0.03	0.03	12.4	27.3	0.41	1075	1.43	0.01	0.31	28.5
5892	Soil	3.36	1.07	0.06	0.03	0.02	0.03	22.6	2.4	0.09	400	0.62	<0.01	0.06	53.7
5893	Soil	2.58	6.38	0.06	0.08	0.01	0.03	12.1	7.4	0.14	175	1.30	0.01	0.48	13.9
5894	Soil	1.51	2.05	<0.05	0.05	0.01	0.03	6.0	1.6	0.04	101	0.49	<0.01	0.15	16.4
5895	Soil	2.51	1.94	0.07	0.04	0.04	0.05	10.6	0.6	<0.01	160	1.54	<0.01	0.11	24.4
5896	Soil	3.48	1.42	<0.05	0.02	0.03	0.02	13.7	2.0	0.02	232	0.52	<0.01	0.09	21.8
5897	Soil	3.17	1.72	0.07	<0.02	0.04	0.03	13.3	0.3	<0.01	195	0.97	<0.01	0.09	21.5
5898	Soil	1.36	2.39	0.05	0.03	0.01	0.03	8.1	0.6	0.01	64	1.01	<0.01	0.15	11.4
5899	Soil	2.64	1.68	0.07	<0.02	0.03	0.03	19.6	0.4	<0.01	188	0.83	<0.01	0.11	23.6
5900	Soil	2.84	2.48	<0.05	0.03	0.07	0.02	10.7	1.7	0.04	257	0.73	<0.01	0.23	29.3
5901	Soil	3.79	5.72	0.07	0.17	0.03	0.03	13.6	60.9	0.89	853	0.82	<0.01	0.10	50.0
5902	Soil	3.57	6.64	0.06	0.14	0.02	0.02	10.2	37.9	0.64	382	0.78	<0.01	0.26	29.5
5903	Soil	2.38	2.57	0.06	0.03	0.03	0.01	12.2	8.8	0.13	330	0.62	<0.01	0.13	25.0
5904	Soil	4.20	7.76	0.07	0.09	0.02	0.02	14.2	43.3	0.61	334	0.84	<0.01	0.45	25.6
5905	Soil	3.94	7.70	0.07	0.02	0.02	0.02	14.8	42.7	0.66	422	0.93	<0.01	0.53	25.1
5906	Soil	4.24	7.69	0.06	0.10	0.02	0.02	19.6	40.6	0.60	361	0.90	<0.01	0.49	24.7
5907	Soil	3.51	6.17	0.06	0.10	0.02	0.02	16.5	31.3	0.48	318	0.66	<0.01	0.39	22.9
5908	Soil	4.56	6.66	0.08	0.09	0.02	0.03	17.1	49.4	0.78	740	0.81	<0.01	0.48	39.3
5909	Soil	4.47	5.49	0.07	0.13	0.02	0.02	11.7	35.1	0.63	599	0.85	<0.01	0.28	34.7
5910	Soil	4.88	6.16	0.09	0.15	0.02	0.02	11.9	33.9	0.59	608	0.79	<0.01	0.27	33.6
5911	Soil	4.07	5.42	0.08	0.07	0.03	0.03	13.9	33.3	0.52	1096	0.93	<0.01	0.44	28.5
5912	Soil	2.53	4.86	<0.05	1.11	0.01	0.03	6.8	6.3	0.12	782	0.77	<0.01	0.26	11.0
5913	Soil	3.96	5.39	0.06	0.32	0.02	0.02	7.4	26.9	0.43	1522	1.13	<0.01	0.42	29.7
5914	Soil	3.56	4.24	0.06	0.14	0.06	0.02	9.9	24.2	0.39	681	0.79	<0.01	0.32	30.4
5915	Soil	4.46	6.19	0.06	0.22	0.03	0.02	11.8	47.7	0.77	765	0.72	<0.01	0.35	34.7
5916	Soil	4.15	7.24	0.06	0.08	0.03	0.03	11.7	25.7	0.42	886	1.07	<0.01	0.57	21.4
5917	Soil	3.76	7.65	0.07	0.06	0.02	0.03	9.5	21.8	0.37	785	0.91	<0.01	0.44	19.8
5918	Soil	4.74	8.16	0.07	0.07	0.02	0.03	8.5	17.8	0.33	1308	1.13	<0.01	0.48	19.3
5919	Soil	2.72	4.55	0.08	0.07	0.01	0.02	4.0	24.8	0.39	894	0.97	<0.01	0.27	20.5
5920	Soil	2.81	5.78	0.09	0.08	0.01	0.02	4.8	18.5	0.30	537	0.98	<0.01	0.34	14.8
5921	Soil	3.61	6.77	0.09	0.11	0.02	0.02	6.8	44.7	0.69	1535	0.84	<0.01	0.34	29.5
5922	Soil	3.32	7.12	0.08	0.04	0.02	0.02	9.5	25.2	0.37	916	1.06	<0.01	0.24	21.6
5923	Soil	3.97	6.59	0.09	0.22	0.02	0.01	11.3	57.6	0.82	826	0.73	<0.01	0.36	38.3
5924	Soil	3.10	6.35	0.06	0.06	0.02	0.03	7.1	12.1	0.21	3304	0.99	0.01	0.24	15.8
5925	Soil	2.87	5.64	0.08	0.04	0.02	0.02	7.1	11.8	0.18	1750	0.93	<0.01	0.15	15.4
5926	Soil	2.85	5.45	0.09	0.06	0.02	0.02	6.4	25.5	0.40	744	1.23	<0.01	0.34	23.6

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5810	Soil	533	93.6	4.1	<0.01	0.03	0.91	1.6	0.3	0.3	6.2	0.02	0.06	5.2	<0.005
5811	Soil	439	46.4	5.2	<0.01	0.02	1.01	1.1	0.3	0.3	4.3	<0.01	0.08	6.9	0.006
5812	Soil	487	22.9	6.1	<0.01	0.02	0.73	0.9	0.3	0.3	4.5	<0.01	0.08	4.1	0.008
5813	Soil	348	36.5	3.7	<0.01	0.02	1.33	1.5	0.2	<0.2	4.4	<0.01	0.08	9.4	<0.005
5814	Soil	664	72.6	5.1	<0.01	0.04	1.27	0.9	0.3	0.3	8.0	<0.01	0.12	3.9	<0.005
5815	Soil	463	24.6	4.2	<0.01	0.03	0.92	1.5	0.2	0.2	5.9	<0.01	0.07	6.2	<0.005
5816	Soil	224	24.0	4.7	<0.01	0.01	0.79	1.6	<0.2	0.3	5.0	<0.01	0.07	8.0	<0.005
5817	Soil	605	52.1	5.5	<0.01	0.02	0.61	0.5	0.3	0.3	4.9	<0.01	0.06	1.1	<0.005
5818	Soil	340	24.9	3.3	<0.01	<0.01	1.06	1.9	0.2	<0.2	6.8	<0.01	0.08	8.2	<0.005
5819	Soil	290	15.0	2.3	<0.01	0.03	0.27	0.8	0.2	<0.2	8.9	<0.01	0.02	1.1	0.007
5820	Soil	454	19.2	4.0	<0.01	0.02	0.86	1.3	0.2	0.2	6.0	<0.01	0.06	5.0	0.005
5821	Soil	542	18.3	7.4	<0.01	0.03	0.71	0.5	0.2	0.4	8.5	<0.01	0.06	0.8	<0.005
5822	Soil	476	21.0	5.3	<0.01	0.02	0.52	0.7	0.3	0.3	4.1	<0.01	0.05	2.5	0.007
5823	Soil	316	23.1	2.0	<0.01	<0.01	0.88	2.0	<0.2	<0.2	11.6	<0.01	0.07	8.4	<0.005
5824	Soil	461	25.1	1.8	<0.01	0.02	1.00	1.3	<0.2	<0.2	6.8	<0.01	0.07	4.0	<0.005
5825	Soil	251	8.2	2.5	<0.01	0.01	0.31	0.3	<0.2	<0.2	3.6	<0.01	0.02	0.2	<0.005
5826	Soil	956	17.0	6.3	<0.01	0.04	0.77	0.3	0.3	0.5	6.7	<0.01	0.06	0.4	<0.005
5827	Soil	639	14.5	3.2	<0.01	0.03	0.59	0.6	0.3	0.3	4.1	<0.01	0.06	1.0	<0.005
5828	Soil	608	15.6	3.9	<0.01	0.06	0.52	1.5	0.6	<0.2	24.9	<0.01	0.03	2.1	<0.005
5829	Soil	582	20.2	2.5	<0.01	0.03	1.10	1.3	0.2	<0.2	5.0	<0.01	0.07	3.6	0.005
5830	Soil	683	21.9	4.7	<0.01	0.02	1.26	1.7	0.3	0.3	6.1	<0.01	0.07	6.3	0.006
5831	Soil	789	14.6	5.2	<0.01	0.04	0.64	0.5	0.4	0.4	4.7	<0.01	0.06	0.8	<0.005
5832	Soil	660	18.2	3.2	<0.01	0.04	0.74	0.4	0.4	0.4	5.5	<0.01	0.05	0.5	0.005
5833	Soil	713	15.2	4.3	<0.01	0.03	0.83	0.4	0.4	0.5	5.4	<0.01	0.07	0.6	0.006
5834	Soil	807	19.0	4.1	<0.01	0.04	0.80	0.5	0.5	0.4	5.1	<0.01	0.05	0.7	0.006
5835	Soil	603	16.0	3.6	<0.01	0.04	0.85	0.7	0.6	0.4	4.7	0.01	0.07	1.6	0.007
5836	Soil	640	25.6	2.7	<0.01	0.03	0.97	1.1	0.3	<0.2	6.2	<0.01	0.05	2.7	<0.005
5837	Soil	565	23.4	5.1	<0.01	0.04	0.87	0.6	0.3	0.3	5.0	<0.01	0.06	0.8	<0.005
5838	Soil	279	26.2	3.9	<0.01	0.02	1.08	1.8	0.2	0.2	5.6	<0.01	0.06	5.0	0.006
5839	Soil	398	27.0	6.0	<0.01	0.03	1.02	1.0	0.2	0.3	6.0	<0.01	0.06	2.0	0.007
5840	Soil	592	16.3	6.2	<0.01	0.03	0.73	0.2	0.3	0.5	6.0	<0.01	0.05	<0.2	<0.005
5841	Soil	473	16.0	3.2	<0.01	0.04	0.68	0.4	0.2	<0.2	6.0	<0.01	0.05	0.6	<0.005
5842	Soil	485	19.5	4.4	<0.01	0.02	0.95	1.1	0.2	0.2	4.2	<0.01	0.04	2.5	0.005
5843	Soil	275	29.2	2.0	<0.01	0.01	1.26	2.3	0.2	<0.2	6.3	<0.01	0.07	6.9	<0.005
5844	Soil	500	16.0	5.2	<0.01	0.03	0.59	1.0	<0.2	0.3	5.2	<0.01	0.04	1.8	0.005
5845	Soil	479	17.7	4.8	<0.01	0.02	0.72	1.1	0.2	0.4	5.5	<0.01	0.05	2.6	0.006
5846	Soil	619	23.5	3.1	<0.01	0.03	1.09	1.3	0.3	0.2	5.7	<0.01	0.10	3.6	0.006
5847	Soil	749	23.0	6.6	<0.01	0.04	0.90	0.4	0.2	0.5	9.2	<0.01	0.06	0.4	0.005
5848	Soil	636	21.0	4.7	<0.01	0.03	1.04	1.3	0.2	0.3	6.3	<0.01	0.07	3.6	0.005
5849	Soil	367	18.0	8.2	<0.01	0.02	0.35	0.6	<0.2	0.4	9.3	<0.01	0.04	0.7	<0.005

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5850	Soil	418	18.7	3.2	<0.01	0.02	0.69	0.5	<0.2	0.2	6.1	<0.01	0.05	1.0	<0.005
5851	Soil	234	22.5	2.3	<0.01	0.03	0.37	0.4	<0.2	<0.2	5.5	<0.01	0.05	0.9	<0.005
5852	Soil	477	45.2	3.0	<0.01	0.03	2.16	5.1	0.6	<0.2	27.3	<0.01	0.12	8.1	<0.005
5853	Soil	323	39.0	3.3	<0.01	0.02	1.18	3.1	0.4	<0.2	12.2	<0.01	0.15	8.7	<0.005
5854	Soil	390	22.4	3.5	<0.01	0.02	0.83	0.7	<0.2	0.3	8.2	<0.01	0.08	1.0	0.006
5855	Soil	374	40.8	2.8	<0.01	0.01	1.49	2.3	0.2	<0.2	6.2	<0.01	0.12	10.8	<0.005
5856	Soil	542	17.0	6.1	<0.01	0.02	0.62	0.4	0.3	0.4	6.3	<0.01	0.05	0.8	<0.005
5857	Soil	413	27.9	5.9	<0.01	0.04	0.85	1.3	0.3	0.3	5.6	<0.01	0.09	4.3	<0.005
5858	Soil	475	17.7	4.5	<0.01	0.03	0.45	0.6	0.3	0.3	4.5	<0.01	0.10	2.1	<0.005
5859	Soil	433	71.5	3.6	<0.01	0.02	2.52	3.0	0.3	<0.2	7.7	<0.01	0.16	11.8	<0.005
5860	Soil	473	83.7	3.7	<0.01	0.03	2.61	2.0	0.3	<0.2	7.1	<0.01	0.14	9.5	<0.005
5861	Soil	458	29.7	5.2	<0.01	0.04	0.93	0.7	0.4	0.5	5.0	<0.01	0.06	1.2	0.008
5862	Soil	326	28.7	5.3	<0.01	0.01	0.85	2.9	0.3	0.3	16.4	<0.01	0.04	7.3	0.018
5863	Soil	375	82.6	5.7	<0.01	0.04	1.35	0.5	0.4	0.3	19.9	<0.01	0.03	0.7	0.008
5864	Soil	398	14.5	4.7	<0.01	0.02	0.71	1.5	<0.2	0.2	11.7	<0.01	0.03	4.2	0.009
5865	Soil	419	19.8	4.5	<0.01	0.03	0.94	0.6	0.4	0.4	6.6	<0.01	0.04	1.0	0.009
5866	Soil	512	15.9	6.5	<0.01	0.04	0.93	0.6	0.5	0.4	7.7	<0.01	0.06	0.7	0.009
5867	Soil	609	9.5	3.8	<0.01	0.07	0.61	0.3	0.5	0.4	7.4	<0.01	0.03	<0.2	<0.005
5868	Soil	647	16.0	5.8	<0.01	0.05	0.56	0.5	0.5	0.4	7.0	<0.01	0.05	0.8	0.006
5869	Soil	278	21.5	2.9	<0.01	0.02	0.66	0.6	0.2	0.2	4.1	<0.01	0.04	1.8	<0.005
5870	Soil	454	20.9	5.9	<0.01	0.04	0.68	0.4	0.3	0.5	4.8	<0.01	0.06	0.5	<0.005
5871	Soil	808	15.0	7.5	<0.01	0.05	0.63	0.3	0.2	0.4	5.4	<0.01	0.05	0.5	<0.005
5872	Soil	407	13.1	4.3	<0.01	0.03	0.81	0.5	0.4	0.3	4.2	<0.01	0.04	1.1	<0.005
5873	Soil	542	18.3	4.8	<0.01	0.04	0.90	0.6	0.2	0.3	5.3	<0.01	0.06	1.1	0.006
5874	Soil	463	16.9	3.7	<0.01	0.03	0.77	0.7	<0.2	0.2	4.8	<0.01	0.05	1.4	<0.005
5875	Soil	359	11.5	5.7	<0.01	0.03	0.70	0.2	0.2	0.7	5.8	<0.01	0.05	<0.2	<0.005
5876	Soil	662	21.4	5.1	<0.01	0.04	0.77	0.8	0.3	0.3	6.2	<0.01	0.04	0.9	0.006
5877	Soil	788	16.5	3.6	<0.01	0.03	0.60	0.7	0.3	0.3	4.3	<0.01	0.06	0.9	0.007
5878	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5879	Soil	766	13.9	4.7	<0.01	0.05	0.65	0.9	0.3	0.2	3.6	<0.01	0.03	2.1	<0.005
5880	Soil	555	12.2	7.7	<0.01	0.05	0.38	0.9	0.2	0.2	6.8	<0.01	0.03	1.5	<0.005
5881	Soil	727	17.2	3.4	<0.01	0.05	0.73	1.3	0.4	0.2	3.2	0.01	0.08	3.2	0.006
5882	Soil	340	17.4	4.1	<0.01	0.03	0.66	0.6	0.3	0.3	5.6	<0.01	0.05	0.6	0.008
5883	Soil	331	22.3	4.4	<0.01	0.01	0.77	1.8	0.2	0.3	11.7	<0.01	0.06	3.7	0.013
5884	Soil	342	6.4	2.4	<0.01	0.03	0.58	0.4	<0.2	0.2	9.2	<0.01	0.03	0.3	0.007
5885	Soil	439	7.9	5.2	<0.01	0.04	0.75	0.9	0.3	0.3	3.9	<0.01	0.05	1.7	<0.005
5886	Soil	310	18.5	3.7	<0.01	0.02	0.85	2.1	0.3	0.2	4.7	<0.01	0.07	5.3	<0.005
5887	Soil	334	25.2	3.9	<0.01	0.03	1.27	1.7	0.2	0.2	4.8	<0.01	0.06	5.5	<0.005
5888	Soil	461	28.6	3.8	<0.01	0.02	0.56	2.5	<0.2	0.2	5.6	<0.01	0.06	6.4	<0.005
5889	Soil	635	28.3	5.0	<0.01	0.03	0.73	2.0	0.4	0.2	5.4	<0.01	0.08	5.1	0.005

NS = No Sample

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5890	Soil	469	28.4	4.7	<0.01	0.03	2.02	1.9	0.2	0.3	6.7	<0.01	0.10	5.6	<0.005
5891	Soil	507	22.6	4.0	<0.01	0.03	1.77	1.1	0.3	0.3	7.5	<0.01	0.05	2.1	<0.005
5892	Soil	257	29.0	3.0	<0.01	<0.01	1.15	1.8	<0.2	<0.2	7.7	<0.01	0.12	7.5	<0.005
5893	Soil	406	14.3	4.0	<0.01	0.05	1.01	0.3	0.3	0.6	7.1	<0.01	0.06	0.3	<0.005
5894	Soil	241	12.7	5.2	<0.01	0.02	0.83	0.5	<0.2	<0.2	8.0	<0.01	0.07	2.3	<0.005
5895	Soil	166	138.4	4.0	<0.01	0.05	4.17	1.0	0.4	0.3	28.9	<0.01	0.27	3.9	<0.005
5896	Soil	95	17.2	3.5	<0.01	0.02	5.41	2.5	0.2	<0.2	9.0	<0.01	0.25	10.9	<0.005
5897	Soil	146	65.3	4.2	<0.01	0.02	5.04	1.3	0.2	0.3	23.7	<0.01	0.18	7.1	<0.005
5898	Soil	192	26.1	5.4	<0.01	0.03	2.38	0.4	<0.2	0.3	29.1	<0.01	0.10	0.9	<0.005
5899	Soil	133	71.5	5.0	<0.01	0.03	3.67	1.5	0.2	0.3	48.3	<0.01	0.18	8.2	<0.005
5900	Soil	182	176.5	4.7	<0.01	0.02	2.26	1.3	<0.2	0.3	38.4	<0.01	0.10	4.5	<0.005
5901	Soil	371	43.8	2.8	<0.01	0.02	2.47	3.2	0.3	<0.2	16.2	<0.01	0.08	8.8	<0.005
5902	Soil	474	34.9	3.4	<0.01	0.03	1.20	1.2	0.2	<0.2	5.7	<0.01	0.07	5.0	<0.005
5903	Soil	277	23.8	3.2	<0.01	0.01	0.61	0.7	0.2	0.2	17.6	<0.01	0.08	2.3	<0.005
5904	Soil	601	29.4	3.5	<0.01	0.03	1.48	1.0	0.6	0.3	4.6	0.01	0.18	2.7	0.006
5905	Soil	408	25.9	4.4	<0.01	0.03	1.10	0.8	0.3	0.4	3.6	<0.01	0.12	1.2	0.009
5906	Soil	617	17.6	4.1	<0.01	0.02	0.81	0.9	0.3	0.3	3.4	<0.01	0.12	2.5	0.006
5907	Soil	488	17.1	3.5	<0.01	0.02	0.78	1.0	0.3	0.3	4.8	<0.01	0.09	2.4	<0.005
5908	Soil	345	26.8	4.6	<0.01	0.02	1.17	1.7	0.3	0.3	5.0	<0.01	0.11	3.1	0.008
5909	Soil	451	20.2	2.5	<0.01	0.03	1.20	1.6	0.2	<0.2	5.7	<0.01	0.09	3.0	<0.005
5910	Soil	562	18.4	2.8	<0.01	0.03	1.30	1.7	0.2	<0.2	4.2	<0.01	0.08	4.0	<0.005
5911	Soil	451	25.5	3.8	<0.01	0.03	3.22	1.0	0.3	0.3	5.7	<0.01	0.10	1.7	0.007
5912	Soil	524	13.4	4.0	<0.01	0.03	0.81	0.6	0.3	0.3	6.4	<0.01	0.07	0.8	<0.005
5913	Soil	683	28.6	3.6	<0.01	0.05	1.92	1.5	<0.2	0.2	11.1	0.01	0.07	2.1	<0.005
5914	Soil	348	108.3	3.0	<0.01	0.02	1.63	1.0	0.3	0.3	5.1	<0.01	0.04	1.5	0.006
5915	Soil	600	43.3	3.0	<0.01	0.02	1.58	1.4	<0.2	0.2	5.2	<0.01	0.10	2.9	0.005
5916	Soil	535	38.2	5.7	<0.01	0.03	0.93	0.5	0.3	0.5	5.9	<0.01	0.07	0.5	0.009
5917	Soil	601	16.1	3.8	<0.01	0.03	0.69	0.4	0.3	0.5	5.5	<0.01	0.09	0.3	0.007
5918	Soil	1176	19.9	4.9	<0.01	0.05	0.82	0.4	0.3	0.5	4.6	0.01	0.09	0.5	0.006
5919	Soil	621	16.5	2.6	<0.01	0.07	0.51	0.3	0.2	<0.2	4.6	<0.01	0.07	0.2	<0.005
5920	Soil	541	10.5	2.2	<0.01	0.05	0.32	0.3	0.4	0.3	4.6	<0.01	0.07	<0.2	<0.005
5921	Soil	581	25.1	2.7	<0.01	0.06	0.68	0.9	0.4	0.2	4.0	<0.01	0.10	1.1	0.006
5922	Soil	679	19.2	4.6	<0.01	0.05	1.32	0.3	0.3	0.4	7.2	<0.01	0.09	<0.2	<0.005
5923	Soil	406	19.1	2.4	<0.01	0.02	1.29	1.3	<0.2	<0.2	3.5	<0.01	0.08	2.6	0.007
5924	Soil	848	19.0	4.5	<0.01	0.06	0.59	0.2	0.5	0.4	5.4	<0.01	0.09	<0.2	<0.005
5925	Soil	751	18.1	4.0	<0.01	0.04	0.72	0.2	0.3	0.3	5.7	<0.01	0.07	<0.2	<0.005
5926	Soil	492	17.9	3.9	<0.01	0.05	0.89	0.4	0.4	0.3	3.7	<0.01	0.07	0.4	0.005

NS = No Sample

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5810	Soil	<0.05	0.76	21	0.20	1.15	93	1.2
5811	Soil	<0.05	0.83	23	0.14	1.28	95	1.3
5812	Soil	<0.05	0.79	23	0.14	1.27	76	0.6
5813	Soil	<0.05	1.74	18	0.08	1.96	118	2.0
5814	Soil	0.05	2.16	23	0.09	2.68	112	2.3
5815	Soil	<0.05	1.24	20	0.12	2.04	116	1.8
5816	Soil	<0.05	1.02	21	0.10	1.93	105	1.1
5817	Soil	0.05	0.75	18	0.08	1.81	48	0.7
5818	Soil	<0.05	0.78	23	0.10	2.29	110	1.4
5819	Soil	<0.05	1.09	15	0.06	2.05	40	1.2
5820	Soil	<0.05	0.60	23	0.10	1.37	91	0.7
5821	Soil	<0.05	0.72	25	0.15	1.58	73	<0.5
5822	Soil	<0.05	0.64	21	0.11	1.03	57	<0.5
5823	Soil	<0.05	0.77	19	0.06	2.34	115	0.8
5824	Soil	<0.05	0.59	19	0.10	1.40	99	1.4
5825	Soil	<0.05	0.30	15	0.05	0.83	44	<0.5
5826	Soil	0.05	0.80	29	0.14	1.96	56	<0.5
5827	Soil	<0.05	0.60	20	0.13	1.18	67	0.7
5828	Soil	<0.05	9.22	14	0.06	4.01	52	4.1
5829	Soil	<0.05	0.74	20	0.08	1.62	99	2.1
5830	Soil	<0.05	0.88	25	0.14	1.64	111	0.9
5831	Soil	<0.05	0.66	23	0.15	1.24	62	<0.5
5832	Soil	<0.05	0.81	27	0.13	1.30	59	<0.5
5833	Soil	<0.05	0.87	30	0.13	1.38	63	<0.5
5834	Soil	<0.05	0.90	26	0.12	1.53	75	0.6
5835	Soil	<0.05	0.90	23	0.14	1.61	85	1.1
5836	Soil	<0.05	0.93	18	0.09	1.33	89	2.6
5837	Soil	<0.05	1.12	22	0.12	1.80	81	<0.5
5838	Soil	<0.05	0.95	22	0.15	2.00	107	1.4
5839	Soil	<0.05	0.90	23	0.21	1.78	106	0.7
5840	Soil	<0.05	0.64	26	0.12	1.19	50	<0.5
5841	Soil	<0.05	0.73	17	0.09	0.91	55	0.9
5842	Soil	<0.05	0.76	18	0.14	1.20	70	1.1
5843	Soil	<0.05	1.38	17	0.08	1.95	125	2.1
5844	Soil	<0.05	0.62	21	0.14	1.09	59	0.6
5845	Soil	<0.05	0.75	26	0.16	1.65	64	0.5
5846	Soil	<0.05	0.88	24	0.16	1.65	94	1.8
5847	Soil	<0.05	0.71	34	0.21	1.71	68	<0.5
5848	Soil	<0.05	0.88	22	0.14	1.93	90	1.2
5849	Soil	0.06	0.73	18	0.13	2.10	48	<0.5

NS = No Sample

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5850	Soil	<0.05	0.54	17	0.08	1.28	51	0.6
5851	Soil	<0.05	0.41	13	<0.05	0.72	42	0.6
5852	Soil	<0.05	1.28	13	<0.05	13.78	143	3.5
5853	Soil	<0.05	4.07	17	0.22	6.11	124	2.9
5854	Soil	<0.05	0.66	20	0.13	1.47	68	<0.5
5855	Soil	<0.05	1.43	18	0.08	3.49	157	2.4
5856	Soil	<0.05	0.60	24	0.12	1.30	47	<0.5
5857	Soil	0.05	0.97	22	0.15	1.88	86	1.6
5858	Soil	<0.05	0.64	20	0.08	1.20	48	1.8
5859	Soil	0.05	1.95	18	0.10	8.60	156	2.9
5860	Soil	0.05	1.40	18	0.11	3.64	150	3.8
5861	Soil	0.06	0.75	24	0.12	1.88	77	<0.5
5862	Soil	0.09	1.68	26	0.34	6.49	104	<0.5
5863	Soil	0.17	1.18	18	0.58	2.23	68	<0.5
5864	Soil	0.08	1.25	17	0.41	3.43	83	0.6
5865	Soil	<0.05	0.99	27	0.14	2.59	75	<0.5
5866	Soil	0.05	1.14	30	0.18	3.33	64	<0.5
5867	Soil	<0.05	0.67	26	0.14	1.33	38	<0.5
5868	Soil	<0.05	0.76	25	0.12	1.81	72	0.7
5869	Soil	<0.05	0.54	17	0.09	1.81	64	0.7
5870	Soil	0.06	0.69	27	0.12	1.85	50	<0.5
5871	Soil	<0.05	0.67	29	0.10	1.60	56	<0.5
5872	Soil	0.05	0.76	19	0.10	1.90	62	0.6
5873	Soil	0.07	0.85	21	0.13	2.28	71	0.8
5874	Soil	<0.05	0.70	20	0.07	2.31	74	1.0
5875	Soil	0.07	0.58	38	0.14	1.66	34	<0.5
5876	Soil	<0.05	0.89	27	0.10	3.61	77	1.0
5877	Soil	<0.05	0.58	31	0.72	1.57	75	0.6
5878	Soil	NS	NS	NS	NS	NS	NS	NS
5879	Soil	<0.05	0.58	16	0.08	1.22	99	1.4
5880	Soil	<0.05	1.17	15	0.12	1.44	87	2.0
5881	Soil	<0.05	0.69	24	0.11	1.66	93	3.3
5882	Soil	<0.05	0.76	19	0.14	2.38	66	<0.5
5883	Soil	<0.05	0.74	25	0.17	3.65	101	1.7
5884	Soil	<0.05	0.47	16	0.08	1.79	32	<0.5
5885	Soil	<0.05	0.73	21	0.09	1.39	66	1.5
5886	Soil	<0.05	1.21	24	0.07	1.84	96	2.7
5887	Soil	<0.05	0.92	22	0.07	0.86	91	2.3
5888	Soil	<0.05	1.77	23	<0.05	1.52	114	3.4
5889	Soil	<0.05	1.37	26	0.07	1.37	107	4.6

NS = No Sample

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5890	Soil	0.05	0.96	23	0.19	1.98	121	2.2
5891	Soil	0.05	1.14	18	0.15	2.99	94	0.9
5892	Soil	<0.05	1.28	9	1.07	3.41	121	<0.5
5893	Soil	0.08	0.61	30	0.42	1.50	50	<0.5
5894	Soil	<0.05	0.63	10	0.23	0.63	48	<0.5
5895	Soil	0.12	1.01	11	1.10	1.10	80	<0.5
5896	Soil	<0.05	0.97	10	0.38	0.67	98	<0.5
5897	Soil	0.06	0.97	10	0.79	0.75	93	<0.5
5898	Soil	0.13	0.71	12	0.97	0.84	39	<0.5
5899	Soil	0.13	0.98	10	1.16	1.42	93	<0.5
5900	Soil	0.06	1.06	15	0.95	1.58	167	<0.5
5901	Soil	<0.05	1.91	20	0.12	4.30	132	3.2
5902	Soil	<0.05	0.92	22	0.12	1.02	87	2.3
5903	Soil	<0.05	0.94	14	0.09	0.96	88	<0.5
5904	Soil	<0.05	0.79	23	0.09	1.12	74	1.6
5905	Soil	<0.05	0.88	26	0.14	1.33	80	<0.5
5906	Soil	<0.05	0.80	24	0.11	1.32	81	1.2
5907	Soil	<0.05	0.68	19	0.08	1.21	75	1.8
5908	Soil	<0.05	0.88	23	0.12	1.85	127	1.4
5909	Soil	<0.05	0.86	18	0.09	1.54	113	2.2
5910	Soil	<0.05	0.82	19	0.08	1.25	104	2.9
5911	Soil	<0.05	0.68	19	0.10	2.49	93	1.4
5912	Soil	<0.05	0.54	19	0.09	1.06	49	<0.5
5913	Soil	<0.05	0.92	18	0.10	3.12	93	2.4
5914	Soil	<0.05	0.80	18	0.17	2.02	180	0.7
5915	Soil	<0.05	0.67	22	0.09	1.40	128	3.0
5916	Soil	0.05	0.72	33	0.17	1.54	91	<0.5
5917	Soil	<0.05	0.50	34	0.20	1.34	67	<0.5
5918	Soil	<0.05	0.73	33	0.12	1.39	76	0.6
5919	Soil	<0.05	0.56	18	0.08	1.16	55	<0.5
5920	Soil	<0.05	0.46	22	0.08	1.04	41	<0.5
5921	Soil	<0.05	0.61	23	0.08	1.66	74	1.8
5922	Soil	<0.05	0.65	27	0.09	1.31	68	<0.5
5923	Soil	<0.05	0.66	24	0.10	1.50	98	1.8
5924	Soil	0.07	0.60	29	0.13	1.30	55	<0.5
5925	Soil	<0.05	0.65	24	0.09	1.37	52	<0.5
5926	Soil	<0.05	0.83	22	0.14	1.22	60	0.6

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
Vol 6-430
Buchanan et al., 2011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5810	Soil		0.47	1.67	114.2	28	0.21	0.37	0.02	0.39	22.54	8.6	23	1.35	28.2
5810 Dup			0.48	1.67	122.8	29	0.22	0.41	0.02	0.41	23.19	8.3	24	1.35	27.6
QCV1109-00480-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6498.4
5828	Soil		0.22	1.51	53.6	30	0.49	0.26	0.36	0.07	14.33	10.0	20	8.07	27.7
5828 Dup			0.20	1.46	54.5	31	0.42	0.27	0.37	0.08	14.97	10.3	20	8.30	27.2
QCV1109-00480-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.57					8.83				21.4			>10000
5846	Soil		0.17	1.98	79.7	20	0.17	0.64	0.01	0.11	34.89	10.8	34	1.53	34.1
5846 Dup			0.18	1.96	79.8	21	0.16	0.67	0.01	0.11	35.16	10.8	34	1.58	34.9
QCV1109-00480-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6182.6
5864	Soil		0.05	1.11	42.4	36	0.34	0.23	0.04	0.09	41.02	7.7	15	0.93	26.7
5864 Dup			0.04	1.11	41.9	35	0.36	0.23	0.05	0.10	39.82	7.7	14	0.91	26.8
QCV1109-00480-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5869.8
5882	Soil		0.09	1.39	20.8	31	0.32	0.32	0.04	0.13	25.56	11.4	21	1.11	19.7
5882 Dup			0.10	1.48	21.4	31	0.33	0.32	0.04	0.14	26.72	11.9	22	1.11	21.5
QCV1109-00480-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6310.7
5900	Soil		0.34	0.24	685.9	28	0.19	0.41	0.20	0.51	20.11	11.7	12	0.99	29.1
5900 Dup			0.36	0.25	675.9	30	0.17	0.42	0.19	0.48	21.65	11.9	12	1.03	29.9
QCV1109-00480-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5964.2
5918	Soil		0.12	1.36	75.1	44	0.21	0.40	0.01	0.09	17.53	9.0	31	1.38	26.7
5918 Dup			0.13	1.39	79.2	46	0.22	0.37	0.01	0.10	17.21	9.0	32	1.38	27.2
QCV1109-00480-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1109-00480-0021-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.87					8.83				24.4			>10000
5810	Soil	0.009													
5810 Dup		0.009													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.942													

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11-360-06840-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5828	Soil	0.008													
5828 Dup		<0.005													
QCV1109-00481-0004-BLK		<0.005													
5846	Soil	0.008													
5846 Dup		0.012													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.402													
5864	Soil	0.014													
5864 Dup		0.024													
QCV1109-00481-0008-BLK		0.006													
5882	Soil	0.009													
5882 Dup		0.010													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.285													
5900	Soil	0.053													
5900 Dup		0.054													
QCV1109-00481-0012-BLK		0.007													
5918	Soil	0.007													
5918 Dup		0.011													
QCV1109-00481-0014-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.384													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5810	Soil	3.92	6.35	<0.05	0.31	0.04	0.03	12.2	30.2	0.55	463	0.76	<0.01	0.63	22.9
5810 Dup		3.82	6.53	<0.05	0.15	0.04	0.03	12.3	27.9	0.55	447	0.84	<0.01	0.55	23.7
QCV1109-00480-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5828	Soil	2.21	3.90	<0.05	0.23	0.02	0.04	7.3	28.1	0.57	802	0.73	0.02	0.35	19.6
5828 Dup		2.19	3.96	<0.05	0.23	0.02	0.03	7.6	27.1	0.54	803	0.68	0.02	0.35	20.8
QCV1109-00480-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5846	Soil	5.03	8.15	<0.05	0.17	0.02	0.03	17.8	34.3	0.74	557	1.20	0.01	0.50	31.0
5846 Dup		5.10	7.98	0.05	0.17	0.02	0.03	18.3	32.9	0.72	592	1.25	0.01	0.48	30.6
QCV1109-00480-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5864	Soil	2.93	3.23	<0.05	0.04	0.02	0.03	21.9	17.2	0.31	325	0.64	<0.01	0.42	21.7
5864 Dup		2.96	3.15	<0.05	0.04	0.02	0.03	20.5	16.8	0.30	328	0.60	<0.01	0.40	21.2
QCV1109-00480-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5882	Soil	2.48	4.52	<0.05	0.14	0.02	0.03	11.0	29.7	0.49	738	0.80	0.01	0.29	23.2
5882 Dup		2.64	4.78	<0.05	0.10	0.02	0.03	11.3	31.1	0.53	755	0.81	0.01	0.31	24.8
QCV1109-00480-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5900	Soil	2.84	2.48	<0.05	0.03	0.07	0.02	10.7	1.7	0.04	257	0.73	<0.01	0.23	29.3
5900 Dup		2.81	2.53	<0.05	0.03	0.08	0.03	11.6	1.7	0.04	262	0.71	<0.01	0.24	29.8
QCV1109-00480-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5918	Soil	4.74	8.16	0.07	0.07	0.02	0.03	8.5	17.8	0.33	1308	1.13	<0.01	0.48	19.3
5918 Dup		4.81	8.43	0.08	0.06	0.02	0.03	8.2	18.7	0.33	1301	1.16	<0.01	0.50	19.3
QCV1109-00480-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-00480-0021-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5810	Soil	533	93.6	4.1	<0.01	0.03	0.91	1.6	0.3	0.3	6.2	0.02	0.06	5.2	<0.005
5810 Dup		515	99.5	4.3	<0.01	0.03	1.00	1.1	0.3	0.3	6.4	0.01	0.07	4.9	<0.005
QCV1109-00480-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5828	Soil	608	15.6	3.9	<0.01	0.06	0.52	1.5	0.6	<0.2	24.9	<0.01	0.03	2.1	<0.005
5828 Dup		603	16.5	3.9	<0.01	0.06	0.57	1.5	0.7	<0.2	24.3	<0.01	0.04	2.1	0.005
QCV1109-00480-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.9				1.82		13.4	16.6					
5846	Soil	619	23.5	3.1	<0.01	0.03	1.09	1.3	0.3	0.2	5.7	<0.01	0.10	3.6	0.006
5846 Dup		628	24.2	3.0	<0.01	0.03	1.18	1.3	0.4	0.2	5.6	<0.01	0.10	3.8	0.006
QCV1109-00480-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5864	Soil	398	14.5	4.7	<0.01	0.02	0.71	1.5	<0.2	0.2	11.7	<0.01	0.03	4.2	0.009
5864 Dup		403	14.0	4.6	<0.01	0.02	0.82	1.4	0.3	0.2	11.8	<0.01	0.02	4.1	0.009
QCV1109-00480-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5882	Soil	340	17.4	4.1	<0.01	0.03	0.66	0.6	0.3	0.3	5.6	<0.01	0.05	0.6	0.008
5882 Dup		346	18.0	4.1	<0.01	0.03	0.67	0.7	0.4	0.3	5.8	<0.01	0.05	0.7	0.009
QCV1109-00480-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5900	Soil	182	176.5	4.7	<0.01	0.02	2.26	1.3	<0.2	0.3	38.4	<0.01	0.10	4.5	<0.005
5900 Dup		189	174.3	4.9	<0.01	0.02	2.01	1.3	<0.2	0.3	39.3	<0.01	0.10	4.9	<0.005
QCV1109-00480-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5918	Soil	1176	19.9	4.9	<0.01	0.05	0.82	0.4	0.3	0.5	4.6	0.01	0.09	0.5	0.006
5918 Dup		1142	20.6	5.0	<0.01	0.05	0.78	0.4	0.6	0.5	4.8	0.01	0.11	0.4	0.006
QCV1109-00480-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1109-00480-0021-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.0				1.89		14.2	19.5					

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5810	Soil	<0.05	0.76	21	0.20	1.15	93	1.2
5810 Dup		<0.05	0.80	21	0.18	1.21	91	1.2
QCV1109-00480-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5117	
5828	Soil	<0.05	9.22	14	0.06	4.01	52	4.1
5828 Dup		<0.05	9.61	15	0.07	4.07	51	4.4
QCV1109-00480-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
5846	Soil	<0.05	0.88	24	0.16	1.65	94	1.8
5846 Dup		<0.05	0.96	24	0.17	1.61	96	1.9
QCV1109-00480-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4875	
5864	Soil	0.08	1.25	17	0.41	3.43	83	0.6
5864 Dup		0.08	1.24	16	0.40	3.46	84	0.6
QCV1109-00480-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4762	
5882	Soil	<0.05	0.76	19	0.14	2.38	66	<0.5
5882 Dup		<0.05	0.76	20	0.14	2.39	71	<0.5
QCV1109-00480-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5332	
5900	Soil	0.06	1.06	15	0.95	1.58	167	<0.5
5900 Dup		0.06	1.10	15	0.97	1.59	172	<0.5
QCV1109-00480-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5075	
5918	Soil	<0.05	0.73	33	0.12	1.39	76	0.6
5918 Dup		<0.05	0.69	33	0.12	1.44	74	0.6
QCV1109-00480-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1109-00480-0021-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							180	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 4**
Description: **3 ACE**

Date Received: 09/06/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	161	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4065	Soil	0.006	0.08	0.75	11.9	22	0.13	0.18	0.04	0.07	8.73	2.8	7	0.54	14.2
4066	Soil	0.017	0.05	1.29	49.1	27	0.23	0.34	0.02	0.14	20.91	13.7	19	0.63	27.6
4067	Soil	0.022	0.10	0.58	32.5	28	0.13	0.26	0.01	0.13	11.54	6.6	9	0.52	19.7
4068	Soil	0.084	0.30	1.02	96.8	72	0.87	0.65	0.85	0.16	20.70	11.8	10	0.50	27.8
4069	Soil	0.027	0.15	2.29	114.5	51	0.69	1.01	0.40	0.30	25.91	40.5	24	1.55	61.2
4070	Soil	0.058	0.23	1.84	109.5	42	0.62	0.88	0.48	0.15	19.72	29.1	18	1.44	73.4
4071	Soil	0.029	0.10	0.81	97.0	43	0.38	0.50	0.15	0.18	16.89	10.8	14	0.77	32.7
4072	Soil	0.055	0.34	0.41	73.3	20	0.05	0.23	0.01	0.07	11.20	1.6	7	0.71	9.3
4073	Soil	0.017	0.17	0.35	39.1	32	0.10	0.37	<0.01	0.07	10.03	5.9	9	0.74	21.9
4074	Soil	0.016	0.26	0.29	418.5	18	0.12	0.34	<0.01	0.24	6.48	5.9	7	1.65	25.2
4075	Soil	0.313	0.27	0.29	289.8	17	0.14	0.70	<0.01	0.16	12.74	9.9	7	2.14	37.6
4076	Soil	0.279	0.23	0.28	281.0	19	0.18	0.74	<0.01	0.19	14.23	10.8	7	2.51	42.8
4077	Soil	0.104	0.23	0.54	218.7	20	0.21	0.69	<0.01	0.15	9.71	11.2	12	3.71	48.2
4078	Soil	0.121	0.14	0.40	208.9	20	0.13	0.64	<0.01	0.09	13.22	5.6	8	1.51	32.7
4079	Soil	0.013	0.33	0.56	64.4	21	0.12	0.24	<0.01	0.12	7.08	3.6	7	1.08	16.7
4080	Soil	<0.005	0.08	1.75	31.4	37	0.32	0.41	0.19	0.69	16.13	19.9	28	0.60	42.1
4081	Soil	0.110	0.19	0.35	636.2	20	0.12	0.44	0.03	0.20	14.59	7.1	11	0.64	27.5
4082	Soil	0.006	0.30	1.85	46.3	21	0.36	0.45	0.10	0.16	15.26	19.6	32	0.75	36.0
4083	Soil	0.011	0.18	1.59	96.1	14	0.30	0.40	0.08	0.17	11.06	18.0	31	0.71	36.6
4084	Soil	0.006	0.13	1.67	80.4	17	0.34	0.42	0.12	0.20	15.18	22.4	28	0.85	36.8
4085	Soil	0.045	0.47	0.54	362.0	14	0.30	0.62	0.02	1.30	13.32	17.3	16	2.42	58.4
4086	Soil	0.026	0.33	0.88	368.7	15	0.23	0.41	0.03	1.44	17.15	12.8	18	1.22	38.6
4087	Soil	0.059	0.09	0.21	64.2	10	0.05	0.11	0.02	0.27	4.69	3.1	11	0.41	9.8
4088	Soil	<0.005	0.29	1.51	54.2	30	0.15	0.50	<0.01	0.13	27.24	7.1	23	1.03	18.3
4089	Soil	0.006	0.11	1.52	76.9	32	0.26	0.44	0.02	0.21	27.27	11.8	23	1.33	31.6
4090	Soil	<0.005	0.16	0.29	3.3	17	0.06	0.05	0.01	0.07	9.88	0.8	2	0.31	3.0
4091	Soil	<0.005	0.32	1.11	24.3	30	0.12	0.52	0.01	0.12	22.03	6.1	22	2.09	18.1
4092	Soil	<0.005	0.11	1.98	28.1	22	0.21	0.50	<0.01	0.08	23.73	11.4	29	1.25	38.2
4093	Soil	<0.005	0.10	1.69	31.1	25	0.14	0.55	0.02	0.09	24.67	9.2	28	1.97	28.9
4094	Soil	<0.005	0.14	1.98	36.1	30	0.53	0.68	0.03	0.11	19.45	21.9	31	4.03	61.8
4095	Soil	<0.005	0.10	0.87	13.5	29	0.21	0.29	0.05	0.27	11.60	7.1	14	3.23	18.9
4096	Soil	<0.005	0.06	2.31	27.0	16	0.34	0.55	0.03	0.11	26.19	16.9	34	2.69	55.9
4097	Soil	<0.005	0.08	2.06	38.4	77	0.42	1.44	0.42	0.55	29.57	29.0	27	1.82	39.9
4098	Soil	<0.005	0.09	1.20	33.8	50	0.28	0.44	0.07	0.37	20.74	9.0	18	2.33	27.1
4099	Soil	0.008	0.14	1.61	151.9	30	0.30	0.45	0.02	0.29	17.60	17.7	27	1.19	38.5
4100	Soil	<0.005	0.10	0.48	33.0	15	0.09	0.19	<0.01	0.05	11.83	2.3	8	0.64	9.1
4101	Soil	<0.005	0.14	1.51	92.7	32	0.18	0.40	0.01	0.09	25.41	7.4	25	1.21	20.8
4102	Soil	0.007	0.13	1.83	122.9	20	0.20	0.34	0.01	0.08	23.09	11.3	27	0.76	28.0
4103	Soil	0.009	0.15	1.77	99.1	17	0.20	0.32	0.01	0.07	21.77	13.2	27	1.01	27.8
4104	Soil	0.177	0.48	1.57	767.8	14	0.28	0.31	0.23	3.74	18.58	13.0	28	1.31	22.1

3Ace Property, Northern Tiger Resources Inc.
Vol 6-437
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4105	Soil	0.008	0.09	1.15	82.4	29	0.12	0.28	0.03	0.13	17.92	6.2	19	1.19	19.0
4106	Soil	0.011	0.09	2.13	124.8	28	0.22	0.40	0.07	0.12	31.42	16.2	32	1.49	32.9
4107	Soil	0.009	0.16	1.29	92.5	27	0.51	0.31	0.05	0.10	12.65	13.0	18	4.08	43.3
4108	Soil	0.007	0.15	1.35	52.2	18	0.17	0.30	0.04	0.14	12.62	10.5	20	1.20	28.8
4109	Soil	0.018	0.16	1.56	57.0	22	0.22	0.32	<0.01	0.07	18.62	10.3	25	1.07	26.0
4110	Soil	0.018	0.18	1.05	22.9	17	0.13	0.17	0.02	0.06	11.88	5.0	13	0.81	11.1
4111	Soil	0.009	0.08	1.73	69.4	20	0.24	0.39	0.02	0.12	20.19	11.7	30	1.67	32.3
4112	Soil	<0.005	0.11	1.09	40.0	32	0.19	0.29	0.02	0.12	15.27	6.9	21	1.26	23.7
4113	Soil	0.011	0.06	2.12	80.7	19	0.27	0.35	0.01	0.09	29.35	15.7	31	1.41	30.8
4114	Soil	0.015	0.10	2.16	140.3	26	0.38	0.38	0.04	0.14	33.22	20.1	29	1.19	45.8
4115	Soil	0.011	0.09	2.01	94.9	27	0.20	0.39	0.02	0.10	20.84	11.5	31	2.22	29.5
4116	Soil	0.078	0.21	1.45	299.2	48	0.23	0.38	0.02	0.11	14.34	15.5	25	1.66	35.8
4117	Soil	0.007	0.11	0.75	56.8	23	0.13	0.25	<0.01	0.06	9.90	4.2	16	1.01	18.1
4118	Soil	0.011	0.08	1.25	152.0	29	0.19	0.34	0.02	0.06	16.90	8.5	22	1.43	25.4
4119	Soil	0.015	0.14	1.14	46.1	30	0.19	0.31	0.01	0.09	13.23	5.4	20	1.53	28.3
4120	Soil	0.007	0.09	1.31	38.7	31	0.19	0.36	0.01	0.10	18.42	6.6	26	1.77	30.4
4121	Soil	0.006	0.08	0.83	29.0	23	0.13	0.26	0.01	0.07	14.51	5.3	15	1.24	20.7
4122	Soil	0.011	0.08	1.83	91.5	16	0.25	0.40	0.02	0.09	22.34	14.2	33	1.51	36.6
4123	Soil	0.006	0.13	1.47	38.5	36	0.19	0.39	0.01	0.12	17.94	8.9	28	1.60	30.6
4124	Soil	0.006	0.15	1.65	31.1	29	0.18	0.37	0.02	0.10	20.84	8.4	28	1.41	28.7
4125	Soil	0.007	0.18	1.61	65.9	20	0.19	0.37	0.02	0.23	14.78	11.9	32	1.28	30.9
4126	Soil	0.008	0.16	1.00	35.7	20	0.17	0.24	0.01	0.09	13.14	5.3	16	1.04	20.3
4127	Soil	0.008	0.14	1.26	53.5	21	0.21	0.36	0.02	0.19	17.05	8.6	30	3.32	31.5
4128	Soil	0.009	0.13	1.76	112.5	20	0.28	0.40	0.04	0.13	21.21	16.5	30	1.47	34.9
4129	Soil	0.006	0.17	1.22	31.9	25	0.14	0.31	0.01	0.12	18.48	6.9	20	1.04	23.5
4130	Soil	0.253	0.57	1.10	1100.5	48	0.34	0.36	0.29	0.89	11.65	18.4	21	4.43	34.0
4131	Soil	0.016	0.22	1.56	158.6	27	0.30	0.29	0.34	0.54	13.28	10.0	25	1.23	21.8
4132	Soil	0.012	0.13	1.54	86.3	29	0.21	0.33	0.57	0.25	11.95	13.2	26	0.91	27.9
4133	Soil	0.009	0.20	1.16	87.9	34	0.14	0.44	0.02	0.13	19.49	8.7	24	0.88	22.3
4134	Soil	0.009	0.07	1.61	64.6	27	0.18	0.33	0.02	0.06	25.74	8.6	23	0.73	27.7
4135	Soil	0.024	0.12	1.05	33.2	35	0.12	0.21	0.01	0.11	18.51	5.0	15	0.57	16.4
4136	Soil	0.007	0.08	1.32	34.4	22	0.26	0.37	0.01	0.09	21.38	14.4	22	1.13	41.5
4137	Soil	0.021	0.08	0.83	12.8	30	0.12	0.28	0.18	0.16	14.20	4.4	15	1.43	20.4
4138	Soil	0.009	0.07	2.11	19.5	21	0.21	0.48	0.03	0.09	30.60	16.9	34	2.27	42.4
4139	Soil	0.010	0.44	2.47	10.6	31	0.74	0.38	0.60	0.20	20.32	17.1	37	5.58	106.6
4140	Soil	0.019	0.08	1.79	26.7	29	0.19	0.44	0.04	0.13	23.63	13.5	31	5.63	37.2
4141	Soil	0.012	0.06	1.84	33.4	24	0.16	0.52	0.01	0.05	37.16	9.5	31	1.64	32.3
4142	Soil	0.010	0.42	1.23	32.1	24	0.19	0.44	<0.01	0.07	24.65	5.0	21	1.70	26.2
4143	Soil	0.013	0.33	0.93	10.3	47	0.14	0.38	0.01	0.17	14.85	4.5	17	1.46	17.1
4145	Soil	0.018	0.22	0.89	63.7	20	0.38	0.56	0.15	0.10	57.39	20.7	20	2.05	49.2

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4146	Soil	0.051	0.16	0.29	82.4	21	0.47	0.48	0.17	0.07	44.82	18.7	9	2.64	37.1
4147	Soil	0.017	0.14	0.93	70.9	19	0.53	0.52	0.15	0.15	39.12	25.7	13	2.67	52.7
4148	Soil	0.021	0.12	1.48	62.8	13	0.38	0.65	0.17	0.07	19.43	26.5	28	2.84	57.3
4149	Soil	0.048	0.19	1.17	482.7	27	0.42	0.32	0.15	0.09	25.00	14.1	16	2.45	28.8
4150	Soil	0.038	0.08	1.23	169.7	27	0.48	0.44	0.18	0.27	42.27	19.0	28	1.47	43.4
4151	Soil	0.024	0.29	1.36	215.4	32	0.32	0.38	0.02	0.24	16.94	18.3	30	1.13	36.9
4152	Soil	0.007	0.15	1.49	176.8	15	0.41	0.43	0.05	0.19	24.09	21.7	27	1.44	45.2
4153	Soil	0.035	0.10	1.46	360.9	23	0.46	0.38	0.13	0.14	31.12	24.9	22	1.77	39.2
4154	Soil	0.016	0.21	1.05	130.9	25	0.25	0.27	0.04	0.15	17.07	9.0	19	1.65	24.1
4155	Soil	0.016	0.08	1.60	73.7	42	0.34	0.40	0.09	0.12	26.73	14.5	27	3.35	28.8
4156	Soil	0.028	0.26	1.65	84.6	47	0.41	0.39	0.35	0.14	17.03	9.4	28	5.28	33.0
4157	Soil	0.014	0.08	1.51	34.7	41	0.29	0.30	0.18	0.11	13.53	7.2	24	3.37	14.6
4158	Soil	0.015	0.06	1.76	80.2	60	0.21	0.31	0.28	0.11	17.89	9.5	28	1.40	18.0
4159	Soil	0.026	0.09	2.37	161.5	33	0.32	0.40	0.16	0.12	28.55	12.1	41	1.52	30.0
4160	Soil	0.017	0.17	1.46	100.9	49	0.72	0.53	0.14	0.20	12.70	11.9	27	8.33	51.0
4161	Soil	0.011	0.08	1.93	54.2	24	0.36	0.44	0.04	0.11	19.04	13.1	32	1.68	37.9
4162	Soil	0.153	0.12	1.43	158.5	35	0.45	0.43	0.03	0.08	36.86	9.3	22	2.19	26.5
4163	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4164	Soil	0.012	0.18	0.80	55.4	19	0.21	0.16	0.04	0.06	13.20	3.4	9	1.46	12.5
4165	Soil	0.117	0.91	2.12	801.4	21	0.42	0.49	0.07	0.76	52.03	26.7	38	3.55	65.7
4166	Soil	0.007	0.11	2.39	19.4	19	0.50	0.52	0.15	0.28	51.78	26.0	46	2.73	82.2
4167	Soil	0.007	0.10	1.91	19.5	23	0.56	0.51	0.12	0.20	52.67	19.5	31	4.17	53.1
4168	Soil	0.007	0.15	1.34	24.8	26	0.41	0.33	0.15	0.26	24.87	13.1	21	4.51	40.9
4169	Soil	0.020	0.13	2.34	26.2	28	0.33	0.54	0.19	0.34	14.44	15.7	41	3.38	48.6
4170	Soil	0.013	0.22	2.05	46.4	34	0.40	0.83	0.10	0.22	28.34	33.3	36	3.76	88.7
4171	Soil	0.052	0.47	2.06	390.3	29	0.35	0.65	0.16	1.09	37.59	26.5	37	3.16	83.7
4172	Soil	0.021	0.10	2.09	29.1	19	0.38	0.39	0.09	0.29	24.65	19.6	46	2.64	47.2
4173	Soil	0.008	0.15	1.54	31.2	28	0.49	0.52	0.06	0.07	33.80	19.5	21	3.91	54.9
4174	Soil	0.023	0.09	1.48	44.5	32	0.53	0.46	0.05	0.08	28.66	15.9	20	4.33	44.7
4175	Soil	0.006	0.06	1.96	31.2	26	0.44	0.53	0.07	0.11	31.34	21.1	33	3.04	59.5
4176	Soil	0.088	0.11	1.38	279.2	27	0.49	0.44	0.10	0.06	52.20	13.2	21	2.07	39.4
4177	Soil	0.122	0.10	1.17	261.7	31	0.58	0.48	0.13	0.06	50.52	12.8	20	2.00	39.7
4178	Soil	0.071	0.12	1.17	159.8	34	0.64	0.45	0.13	0.05	24.96	12.6	19	2.18	39.8
4179	Soil	<0.005	0.08	1.37	16.6	27	0.46	0.32	0.04	0.07	14.29	10.1	20	3.83	44.8
4180	Soil	0.008	0.07	1.95	75.5	30	0.54	0.55	0.05	0.12	18.99	13.8	34	7.87	50.2
4181	Soil	0.025	0.11	1.42	218.8	30	0.32	0.35	0.12	0.09	16.13	11.5	22	2.71	28.7
4182	Soil	0.009	0.10	1.67	90.7	53	0.26	0.33	0.18	0.15	16.72	7.4	27	2.84	19.4
4183	Soil	0.014	0.11	1.69	98.1	34	0.29	0.35	0.02	0.18	15.46	11.4	36	1.76	25.0
4184	Soil	0.023	0.18	1.43	327.7	69	0.30	0.36	0.01	0.14	21.61	22.1	32	1.94	36.1
4185	Soil	0.034	0.13	1.81	527.0	34	0.30	0.37	0.08	0.11	22.17	15.6	27	1.23	33.6

NS = No Sample

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4186	Soil	0.020	0.31	1.12	170.2	33	0.33	0.39	0.17	0.13	17.07	13.8	19	1.77	33.2
4187	Soil	0.026	0.21	1.16	183.6	34	0.33	0.39	0.14	0.11	21.13	14.3	18	1.83	33.9
4188	Soil	0.013	0.11	1.89	73.2	20	0.32	0.36	0.03	0.07	28.72	15.2	31	2.30	39.1
4189	Soil	0.019	0.10	1.32	76.3	21	0.22	0.27	0.01	0.07	23.39	10.1	21	1.93	25.7
4190	Soil	0.064	0.14	1.48	619.5	33	0.41	0.31	0.02	0.13	27.55	25.5	22	1.40	41.7
4191	Soil	0.008	0.08	1.51	39.2	29	0.33	0.30	0.04	0.04	23.65	11.3	21	1.96	25.5
4192	Soil	0.080	0.13	1.53	319.9	30	0.52	0.53	0.04	0.08	47.60	26.5	22	2.71	49.0
4193	Soil	0.015	0.05	1.35	69.4	29	0.52	0.43	0.04	0.08	41.27	17.9	21	1.86	45.2
4194	Soil	0.015	0.05	1.28	98.7	29	0.40	0.42	0.03	0.07	39.81	15.5	22	2.04	53.4
4195	Soil	0.315	2.62	2.14	1174.0	25	0.38	0.47	0.07	1.27	18.20	26.1	39	4.02	57.9
4196	Soil	0.015	0.15	2.12	53.2	21	0.58	0.59	0.13	0.17	31.31	22.9	36	3.35	77.9
4197	Soil	0.010	0.12	1.43	33.0	29	0.58	0.77	0.18	0.14	31.24	32.9	26	3.13	75.9
4198	Soil	0.006	0.07	1.56	17.6	17	0.59	0.56	0.15	0.10	51.89	25.2	28	2.56	74.4
4199	Soil	0.093	0.04	1.66	198.8	26	0.35	0.43	0.04	0.06	36.96	14.1	24	1.81	33.3
4200	Soil	0.202	0.08	1.28	319.0	16	0.56	0.44	0.14	0.06	49.07	19.7	23	1.14	46.3
4201	Soil	0.147	0.19	0.80	470.3	37	0.63	0.47	0.15	0.05	34.53	15.2	12	1.72	40.8
4202	Soil	0.013	0.04	2.14	46.5	20	0.37	0.41	0.02	0.07	30.60	15.7	37	2.31	40.0
4203	Soil	0.041	0.34	2.18	180.9	23	0.51	0.42	0.10	0.24	20.99	22.2	39	1.47	79.1
4204	Soil	0.008	0.09	1.51	7.3	34	0.53	0.59	0.12	0.11	25.33	14.0	28	0.85	76.2
4205	Soil	<0.005	0.05	0.55	2.5	22	0.12	0.11	0.03	0.12	5.68	1.8	7	0.51	8.4
4206	Soil	<0.005	0.04	1.10	1.2	40	0.51	0.15	0.02	0.05	24.29	10.1	29	1.76	44.5
4207	Soil	0.012	0.07	0.72	1.5	29	0.33	0.08	0.04	0.05	8.21	3.9	9	0.71	24.1
4208	Soil	0.006	0.04	1.22	1.9	35	0.52	0.18	0.09	0.20	27.72	13.9	43	1.80	29.4
4209	Soil	0.010	0.10	1.01	41.7	33	0.61	0.27	0.88	0.57	19.89	10.4	14	0.48	40.7
4210	Soil	0.012	0.06	0.75	50.3	29	0.50	0.35	0.04	0.42	31.70	17.6	10	0.97	62.4
4211	Soil	0.006	0.07	1.03	9.1	23	0.25	0.23	0.03	0.04	11.71	4.9	12	0.78	22.7
4212	Soil	0.009	0.09	1.27	13.2	37	0.36	0.32	0.02	0.17	8.69	11.1	20	0.78	25.3
4213	Soil	0.011	0.09	1.18	20.3	27	0.32	0.47	0.07	0.18	9.21	13.2	20	0.72	29.2
4214	Soil	0.007	0.05	1.36	30.3	23	0.40	0.34	0.03	0.10	17.82	16.0	18	0.71	28.0
4215	Soil	0.037	0.05	1.18	17.5	35	0.22	0.37	0.03	0.17	13.42	11.4	26	1.03	23.8
4216	Soil	<0.005	0.04	1.24	11.0	28	0.28	0.33	0.06	0.04	16.14	14.7	15	0.61	30.8
4217	Soil	0.006	0.05	1.23	12.0	34	0.48	0.34	0.05	0.08	24.17	14.5	16	1.09	26.9
4218	Soil	0.007	0.06	1.17	11.6	52	0.36	0.37	0.06	0.12	16.75	13.1	16	0.89	15.8
4219	Soil	0.010	0.05	1.08	17.8	30	0.41	0.42	0.08	0.08	17.54	16.9	17	0.75	22.6
4220	Soil	0.009	0.10	1.11	8.8	28	0.25	0.28	0.03	0.04	14.28	6.9	13	0.59	20.7
4221	Soil	0.007	0.20	1.36	9.8	47	0.42	0.39	0.29	0.11	14.37	11.5	19	0.53	33.5
4222	Soil	0.008	0.09	1.39	15.7	25	0.28	0.41	0.02	0.14	13.28	10.8	20	0.62	22.9
4223	Soil	0.009	0.07	1.52	15.3	28	0.26	0.38	0.02	0.13	14.46	15.7	18	0.72	26.5
4224	Soil	0.009	0.06	1.60	7.6	42	0.32	0.35	0.05	0.06	11.71	12.6	21	0.55	23.2
4225	Soil	0.005	0.05	1.11	11.4	31	0.33	0.28	0.11	0.09	22.22	16.0	13	0.96	22.8

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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
4144	Soil	0.009	1.03	1.39	40.0	26	0.16	0.43	0.02	0.31	20.67	9.5	21	1.25	23.4

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Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4065	Soil	1.08	3.09	<0.05	0.30	<0.01	0.02	4.2	6.5	0.11	141	0.75	0.01	0.53	6.0
4066	Soil	2.82	4.10	<0.05	0.08	0.02	0.02	9.6	26.6	0.44	500	0.98	<0.01	0.43	27.5
4067	Soil	1.76	4.57	<0.05	0.06	0.01	0.02	6.2	2.5	0.05	348	1.17	<0.01	0.16	14.2
4068	Soil	3.65	2.27	<0.05	0.19	0.05	0.03	11.8	8.2	0.19	1139	0.85	<0.01	0.32	29.1
4069	Soil	4.40	6.45	<0.05	0.22	0.06	0.02	11.7	59.1	0.97	3182	1.16	<0.01	0.09	51.8
4070	Soil	3.94	4.57	<0.05	0.22	0.05	0.03	10.3	38.5	0.65	1506	1.03	0.01	0.16	42.1
4071	Soil	3.07	2.49	<0.05	0.09	0.03	0.03	9.4	11.7	0.23	584	1.04	<0.01	0.18	25.5
4072	Soil	0.83	2.66	<0.05	0.04	<0.01	0.03	6.1	1.8	0.04	35	0.96	<0.01	0.22	6.1
4073	Soil	1.36	2.13	<0.05	0.03	0.01	0.03	5.9	1.5	0.03	164	0.93	<0.01	0.18	13.8
4074	Soil	1.66	2.04	<0.05	<0.02	0.01	0.03	3.6	1.6	0.03	138	0.82	<0.01	0.14	15.0
4075	Soil	3.49	1.20	<0.05	0.03	0.03	0.02	7.1	1.1	0.01	243	1.62	<0.01	0.12	21.3
4076	Soil	3.63	1.20	<0.05	0.03	0.03	0.02	8.3	1.4	0.01	262	1.77	<0.01	0.11	24.9
4077	Soil	3.75	2.50	<0.05	0.04	0.03	0.03	5.7	5.4	0.09	219	1.67	<0.01	0.18	24.4
4078	Soil	3.05	1.77	<0.05	<0.02	0.03	0.02	7.6	2.4	0.03	123	1.50	<0.01	0.11	13.3
4079	Soil	1.44	2.12	<0.05	0.04	<0.01	0.02	3.8	8.6	0.15	160	0.77	0.01	0.14	10.4
4080	Soil	3.37	5.10	<0.05	0.28	0.02	0.03	7.7	39.0	0.81	1277	1.35	<0.01	0.08	40.4
4081	Soil	2.82	2.32	<0.05	<0.02	0.04	0.03	8.1	4.2	0.09	187	1.08	<0.01	0.15	18.9
4082	Soil	3.66	5.74	<0.05	0.10	0.02	0.02	7.4	50.8	0.91	681	0.84	<0.01	<0.05	39.4
4083	Soil	3.29	5.10	<0.05	0.12	0.02	0.02	5.4	44.0	0.78	623	1.18	<0.01	0.06	38.0
4084	Soil	3.44	5.34	<0.05	0.12	0.02	0.02	7.7	44.5	0.86	654	0.81	<0.01	0.06	39.1
4085	Soil	3.53	3.07	<0.05	<0.02	0.09	0.03	7.0	8.1	0.15	643	1.19	<0.01	0.15	34.5
4086	Soil	3.00	3.69	<0.05	<0.02	0.07	0.03	8.6	17.8	0.32	666	1.31	<0.01	0.25	25.3
4087	Soil	0.73	1.42	<0.05	0.02	0.02	0.02	2.5	1.6	0.03	78	1.30	0.01	0.15	10.3
4088	Soil	4.22	7.86	<0.05	<0.02	0.02	0.02	13.4	26.2	0.46	394	1.12	<0.01	0.98	20.5
4089	Soil	3.44	6.14	<0.05	0.02	0.03	0.03	13.0	27.3	0.54	560	0.95	<0.01	0.45	25.2
4090	Soil	0.32	2.16	<0.05	<0.02	<0.01	0.02	5.4	0.5	0.01	133	0.50	0.02	0.06	1.6
4091	Soil	3.74	7.94	<0.05	<0.02	0.02	0.03	11.3	15.3	0.29	579	1.12	<0.01	0.52	14.4
4092	Soil	4.34	7.25	<0.05	0.07	0.02	0.01	13.2	42.5	0.73	526	0.83	<0.01	0.33	29.9
4093	Soil	3.97	7.07	<0.05	0.06	0.02	0.02	13.7	38.1	0.60	513	1.07	<0.01	0.44	24.8
4094	Soil	4.11	6.35	<0.05	0.16	0.03	0.02	10.4	49.8	0.74	858	1.05	<0.01	0.33	36.7
4095	Soil	2.05	4.15	<0.05	<0.02	0.01	0.02	6.2	18.5	0.26	557	0.84	0.01	0.16	12.6
4096	Soil	4.45	7.87	<0.05	0.10	0.03	0.02	15.4	65.7	1.00	530	0.86	<0.01	0.15	46.5
4097	Soil	4.81	6.36	<0.05	0.12	0.06	0.02	11.2	35.4	0.61	4064	0.87	<0.01	0.28	34.4
4098	Soil	2.95	5.55	<0.05	0.03	0.02	0.03	10.9	18.9	0.32	1072	0.80	<0.01	0.28	17.4
4099	Soil	3.95	5.73	<0.05	1.08	0.03	0.02	7.7	35.2	0.63	751	0.87	<0.01	0.31	35.7
4100	Soil	1.46	3.83	<0.05	0.34	<0.01	0.02	5.9	5.7	0.09	155	0.60	<0.01	0.14	5.7
4101	Soil	3.63	7.37	<0.05	0.11	0.02	0.02	12.5	23.7	0.40	512	1.02	<0.01	0.70	18.1
4102	Soil	3.92	6.96	<0.05	0.11	0.02	0.01	11.1	41.8	0.75	675	0.81	<0.01	0.30	30.5
4103	Soil	3.54	5.37	<0.05	0.09	0.02	0.02	11.0	37.6	0.73	714	0.93	<0.01	0.29	29.1
4104	Soil	3.50	4.93	<0.05	0.11	0.13	0.02	9.1	37.6	0.69	835	1.29	<0.01	0.17	32.0

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4105	Soil	2.98	5.58	<0.05	0.06	0.01	0.02	9.3	20.3	0.37	447	0.79	<0.01	0.21	16.0
4106	Soil	4.30	7.22	<0.05	0.09	0.02	0.03	15.7	47.4	0.93	1114	1.19	<0.01	0.30	36.8
4107	Soil	2.28	4.39	<0.05	0.14	0.02	0.03	6.5	26.5	0.42	1123	1.03	0.01	0.31	21.8
4108	Soil	3.11	5.08	<0.05	0.06	0.01	0.02	6.4	29.3	0.49	452	0.79	<0.01	0.20	22.8
4109	Soil	3.74	6.21	<0.05	0.06	0.02	0.02	9.4	31.8	0.57	789	0.91	<0.01	0.24	23.8
4110	Soil	1.62	3.53	<0.05	0.14	<0.01	0.03	6.1	24.2	0.34	259	0.66	0.01	0.20	13.4
4111	Soil	4.54	7.82	0.06	0.08	0.02	0.03	9.6	29.3	0.56	783	0.92	<0.01	0.43	26.7
4112	Soil	3.07	5.66	<0.05	0.03	0.02	0.02	7.8	14.6	0.26	674	0.99	0.01	0.19	15.1
4113	Soil	4.51	7.01	0.06	0.14	0.02	0.02	14.5	47.7	0.86	1029	0.83	<0.01	0.38	34.5
4114	Soil	4.39	6.50	0.06	0.12	0.02	0.02	16.6	49.7	0.92	922	0.83	<0.01	0.21	43.8
4115	Soil	4.55	7.07	<0.05	0.09	0.02	0.03	10.2	23.8	0.53	1092	0.95	<0.01	0.55	22.7
4116	Soil	3.83	5.57	<0.05	0.06	0.02	0.02	6.7	25.1	0.51	1760	1.02	<0.01	0.30	27.3
4117	Soil	2.55	5.18	<0.05	0.02	0.01	0.02	5.0	7.2	0.14	484	0.95	0.01	0.16	9.2
4118	Soil	3.60	6.62	<0.05	0.03	0.02	0.03	8.1	17.0	0.36	692	0.92	<0.01	0.33	18.2
4119	Soil	2.90	5.71	<0.05	0.02	0.01	0.02	6.4	11.1	0.19	535	0.71	<0.01	0.22	11.4
4120	Soil	3.37	6.79	<0.05	0.03	0.02	0.02	8.9	17.1	0.30	640	0.97	<0.01	0.25	16.0
4121	Soil	2.34	4.84	<0.05	0.02	0.01	0.02	7.1	12.0	0.22	262	0.82	0.01	0.19	12.7
4122	Soil	4.31	6.37	0.06	0.12	0.02	0.02	10.7	36.7	0.72	603	1.11	<0.01	0.36	36.6
4123	Soil	4.07	7.67	<0.05	0.10	0.02	0.02	8.7	22.7	0.43	1204	1.14	<0.01	0.35	22.5
4124	Soil	4.12	7.84	<0.05	0.07	0.02	0.02	10.1	19.1	0.40	614	1.07	<0.01	0.55	19.8
4125	Soil	4.46	7.34	0.05	0.06	0.02	0.02	6.9	27.7	0.57	841	1.11	<0.01	0.44	29.0
4126	Soil	2.30	4.26	<0.05	0.03	0.01	0.02	6.5	15.4	0.27	316	0.90	<0.01	0.22	13.6
4127	Soil	2.74	5.48	<0.05	0.09	0.02	0.03	8.8	34.2	0.50	358	2.09	<0.01	0.34	27.8
4128	Soil	3.71	6.39	0.05	0.08	0.02	0.03	10.1	51.7	0.77	804	1.66	<0.01	0.36	34.9
4129	Soil	2.60	5.32	<0.05	0.03	0.01	0.02	9.4	26.6	0.40	282	0.99	<0.01	0.27	19.9
4130	Soil	2.49	4.13	<0.05	0.07	0.03	0.03	5.9	27.9	0.43	914	1.38	0.01	0.20	23.3
4131	Soil	2.68	4.99	<0.05	0.15	0.03	0.02	6.9	44.1	0.65	464	1.30	<0.01	0.31	29.8
4132	Soil	2.98	5.41	<0.05	0.09	0.01	0.03	5.9	45.1	0.71	1201	1.27	<0.01	0.25	31.4
4133	Soil	3.62	7.36	<0.05	1.05	0.02	0.03	10.0	20.9	0.38	825	1.55	<0.01	0.44	21.0
4134	Soil	3.18	6.55	<0.05	0.23	0.02	0.02	12.5	36.7	0.59	414	0.78	<0.01	0.38	27.5
4135	Soil	2.10	4.75	<0.05	0.16	<0.01	0.02	9.2	22.3	0.34	267	0.77	<0.01	0.28	15.6
4136	Soil	3.43	5.88	<0.05	0.12	0.02	0.02	11.5	33.2	0.55	864	1.30	<0.01	0.31	30.0
4137	Soil	1.81	3.77	<0.05	0.16	0.01	0.02	8.5	19.6	0.31	140	0.84	0.01	0.30	14.1
4138	Soil	4.20	8.25	0.05	0.07	0.03	0.02	17.7	59.1	0.91	787	0.92	<0.01	0.17	43.9
4139	Soil	3.74	7.02	0.05	0.36	0.02	0.02	12.3	65.8	0.98	560	0.77	<0.01	0.21	46.0
4140	Soil	3.69	7.36	0.05	0.08	0.02	0.03	13.4	49.4	0.76	481	1.20	<0.01	0.31	36.1
4141	Soil	4.66	8.24	0.06	0.09	0.02	0.02	20.6	46.4	0.74	406	0.89	<0.01	0.51	29.7
4142	Soil	4.12	7.87	<0.05	0.03	0.02	0.02	14.2	21.8	0.36	288	0.90	<0.01	0.52	14.2
4143	Soil	2.69	5.85	<0.05	0.04	0.01	0.03	8.1	14.2	0.23	360	1.12	<0.01	0.38	12.3
4145	Soil	3.37	3.71	0.08	0.21	0.02	0.02	31.3	27.1	0.46	1170	1.20	<0.01	<0.05	48.3

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4146	Soil	2.37	1.39	<0.05	0.19	0.02	0.03	23.6	5.4	0.12	1027	0.62	<0.01	<0.05	39.7
4147	Soil	3.38	2.11	0.05	0.05	0.03	0.03	20.3	13.2	0.17	1278	1.03	<0.01	0.07	44.5
4148	Soil	5.28	5.55	0.07	0.15	0.03	0.02	8.6	36.9	0.61	866	1.99	<0.01	<0.05	47.2
4149	Soil	2.86	3.21	<0.05	0.07	0.02	0.03	13.2	26.5	0.54	548	1.23	0.01	0.13	32.2
4150	Soil	3.53	4.13	0.06	0.06	0.03	0.03	22.2	33.8	0.60	1006	2.80	<0.01	0.11	43.0
4151	Soil	3.51	4.70	0.05	0.10	0.02	0.03	8.0	26.4	0.51	1139	2.45	<0.01	0.27	37.7
4152	Soil	3.70	4.68	0.06	0.07	0.02	0.02	11.5	36.1	0.72	901	1.79	<0.01	0.08	43.3
4153	Soil	3.68	4.14	0.07	0.04	0.02	0.02	15.1	33.7	0.67	1212	5.15	<0.01	<0.05	39.6
4154	Soil	2.43	3.91	<0.05	0.05	0.01	0.02	8.7	19.1	0.34	465	1.18	0.01	0.21	23.8
4155	Soil	3.33	5.31	0.05	0.09	0.02	0.02	13.2	37.4	0.61	885	0.99	<0.01	0.12	34.6
4156	Soil	3.13	5.10	<0.05	0.26	0.02	0.02	8.9	37.3	0.62	330	1.10	<0.01	0.20	33.3
4157	Soil	2.65	6.00	<0.05	0.05	0.02	0.03	6.3	31.4	0.49	358	1.06	0.01	0.30	23.0
4158	Soil	3.31	6.44	<0.05	0.17	0.02	0.03	8.6	39.8	0.72	537	0.90	<0.01	0.41	29.6
4159	Soil	4.30	7.62	0.06	0.23	0.02	0.02	13.2	62.4	0.99	587	1.13	<0.01	0.14	44.6
4160	Soil	2.73	4.88	<0.05	0.24	0.03	0.03	5.8	35.4	0.52	351	1.37	0.01	0.27	31.0
4161	Soil	3.88	6.77	0.05	0.10	0.02	0.02	9.0	58.0	0.81	349	0.72	<0.01	0.17	40.0
4162	Soil	3.06	4.57	<0.05	0.15	0.02	0.02	19.8	35.7	0.52	300	0.82	<0.01	0.12	30.2
4163	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4164	Soil	1.14	2.98	<0.05	0.05	0.01	0.02	6.6	10.5	0.15	109	0.63	0.02	0.14	8.7
4165	Soil	4.39	7.81	0.09	0.04	0.11	0.02	26.5	70.3	1.01	920	1.23	<0.01	<0.05	52.8
4166	Soil	4.80	8.58	0.08	0.07	0.04	0.02	23.7	72.4	1.06	766	1.82	<0.01	<0.05	59.1
4167	Soil	3.76	6.12	0.07	0.03	0.03	0.02	26.1	54.2	0.81	616	0.99	<0.01	0.07	41.8
4168	Soil	2.51	4.59	<0.05	0.04	0.02	0.03	11.5	37.0	0.52	387	0.90	0.02	0.18	27.2
4169	Soil	4.33	7.38	0.06	1.13	0.03	0.03	6.6	61.9	1.02	693	1.50	<0.01	0.12	50.6
4170	Soil	4.69	7.33	0.06	0.27	0.04	0.02	14.0	57.3	0.92	1264	1.06	<0.01	0.06	58.4
4171	Soil	4.40	7.40	0.09	0.22	0.06	0.02	18.5	62.8	0.92	698	0.69	<0.01	<0.05	52.7
4172	Soil	3.66	6.94	0.05	0.21	0.03	0.03	11.5	60.3	0.88	633	2.55	0.01	0.12	48.9
4173	Soil	3.00	4.95	<0.05	0.12	0.02	0.02	16.7	37.8	0.56	918	0.81	0.01	0.18	29.3
4174	Soil	2.75	4.59	<0.05	0.10	0.02	0.02	14.9	35.6	0.53	667	0.78	0.01	0.17	29.1
4175	Soil	3.96	6.83	0.06	0.11	0.03	0.02	13.8	59.5	0.82	737	1.20	<0.01	0.21	46.3
4176	Soil	3.28	4.54	0.07	0.07	0.03	0.02	27.3	37.4	0.55	410	0.73	<0.01	0.12	36.7
4177	Soil	3.52	4.07	0.06	0.12	0.02	0.03	26.5	29.5	0.45	418	0.72	<0.01	0.06	35.9
4178	Soil	3.29	3.75	0.05	0.16	0.03	0.02	12.5	25.9	0.45	352	0.69	<0.01	0.10	33.6
4179	Soil	2.55	4.86	0.05	0.09	0.01	0.02	6.3	35.8	0.54	327	0.68	0.01	0.23	24.3
4180	Soil	3.54	6.28	0.05	0.18	0.02	0.04	8.5	50.1	0.76	499	1.22	<0.01	0.20	37.1
4181	Soil	2.73	4.78	<0.05	0.13	0.02	0.02	7.4	35.1	0.56	459	0.83	0.01	0.27	26.4
4182	Soil	2.99	6.15	<0.05	0.22	0.02	0.03	7.7	33.0	0.55	482	1.34	<0.01	0.49	26.5
4183	Soil	3.36	5.59	0.05	0.07	0.02	0.03	7.4	29.6	0.49	1253	2.02	0.01	0.33	29.8
4184	Soil	3.80	6.00	0.06	0.13	0.02	0.03	10.6	23.5	0.39	3779	1.84	<0.01	0.19	30.6
4185	Soil	3.63	5.86	0.05	0.08	0.02	0.03	10.5	37.4	0.61	819	0.93	0.01	0.23	34.4

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4186	Soil	2.89	3.39	<0.05	0.09	0.02	0.02	9.0	20.9	0.37	884	1.12	<0.01	0.17	30.0
4187	Soil	2.93	3.74	<0.05	0.07	0.02	0.02	11.0	23.9	0.41	730	0.96	<0.01	0.15	30.6
4188	Soil	3.94	6.13	0.06	0.10	0.02	0.02	14.2	44.2	0.74	931	0.65	<0.01	0.06	39.3
4189	Soil	2.72	4.57	<0.05	0.07	0.02	0.02	11.3	28.7	0.46	612	0.67	<0.01	0.16	24.7
4190	Soil	4.16	4.40	0.07	0.06	0.02	0.02	12.8	30.7	0.55	1429	0.80	<0.01	0.14	44.1
4191	Soil	2.91	4.92	0.05	0.06	0.01	0.02	10.4	35.4	0.57	576	0.78	0.01	0.16	29.4
4192	Soil	3.96	5.04	0.07	0.05	0.03	0.03	24.1	37.3	0.67	1293	1.21	<0.01	0.21	47.8
4193	Soil	3.47	4.18	0.07	0.02	0.02	0.03	20.0	31.4	0.56	991	0.98	<0.01	0.35	34.0
4194	Soil	3.63	4.38	0.07	0.03	0.02	0.02	20.0	32.2	0.60	672	1.02	<0.01	0.31	33.0
4195	Soil	4.39	7.52	0.09	0.07	0.14	0.01	8.2	62.9	0.98	759	0.78	<0.01	<0.05	50.6
4196	Soil	4.32	7.29	0.07	0.05	0.03	0.02	14.3	61.7	0.94	646	1.10	<0.01	<0.05	51.1
4197	Soil	4.00	4.97	0.06	0.10	0.03	0.01	15.0	42.3	0.66	1300	1.17	<0.01	<0.05	49.6
4198	Soil	3.83	5.51	0.09	0.13	0.03	0.02	25.1	45.2	0.71	673	0.71	<0.01	<0.05	47.9
4199	Soil	3.42	5.39	0.06	0.08	0.02	0.02	18.9	41.6	0.63	689	0.63	<0.01	0.21	33.0
4200	Soil	3.75	4.10	0.07	0.05	0.02	0.02	25.4	32.9	0.57	691	0.71	<0.01	0.06	44.1
4201	Soil	3.22	2.65	0.06	0.08	0.03	0.03	18.1	16.4	0.26	614	0.64	<0.01	0.10	35.8
4202	Soil	4.15	7.30	0.07	0.10	0.02	0.02	13.6	60.5	0.99	582	0.76	<0.01	0.27	42.9
4203	Soil	3.97	7.27	0.08	1.01	0.02	0.02	10.7	70.2	1.08	934	1.39	<0.01	0.09	51.4
4204	Soil	2.75	4.54	0.06	0.44	0.01	0.01	11.4	56.5	1.06	1046	4.90	<0.01	0.22	35.6
4205	Soil	0.70	2.26	<0.05	0.54	<0.01	0.02	2.9	5.2	0.10	129	0.90	0.01	0.23	5.1
4206	Soil	2.54	2.74	<0.05	0.09	0.01	0.02	11.9	31.3	0.60	320	0.36	<0.01	0.13	28.9
4207	Soil	0.87	2.40	<0.05	0.12	<0.01	0.02	3.9	7.0	0.13	436	0.66	0.01	0.25	11.5
4208	Soil	2.68	3.47	0.05	0.06	0.02	0.03	13.6	37.6	0.73	505	2.62	<0.01	0.15	45.1
4209	Soil	2.63	2.91	<0.05	0.21	0.03	0.03	9.9	19.7	0.37	418	2.05	<0.01	0.24	28.1
4210	Soil	3.00	1.77	<0.05	0.06	0.03	0.03	16.2	11.1	0.26	383	5.33	<0.01	0.05	40.8
4211	Soil	1.89	4.12	<0.05	0.07	0.01	0.03	5.8	13.2	0.22	341	0.94	0.01	0.26	11.3
4212	Soil	2.97	5.08	<0.05	0.07	0.01	0.03	4.2	20.3	0.31	851	1.13	<0.01	0.40	19.6
4213	Soil	2.87	4.14	<0.05	0.09	0.01	0.03	4.8	28.0	0.44	591	1.26	<0.01	0.21	27.4
4214	Soil	3.21	4.17	<0.05	0.16	0.02	0.02	8.3	31.8	0.47	477	1.00	<0.01	0.32	30.6
4215	Soil	3.10	4.66	<0.05	0.09	0.01	0.04	6.6	25.0	0.43	561	1.67	<0.01	0.30	28.5
4216	Soil	2.56	4.04	<0.05	0.03	0.01	0.02	8.4	31.1	0.47	403	0.64	<0.01	0.20	27.7
4217	Soil	2.69	3.87	<0.05	0.09	0.02	0.03	11.9	27.4	0.40	373	0.66	<0.01	0.27	25.7
4218	Soil	2.67	4.36	0.06	0.06	0.02	0.03	7.9	25.3	0.39	664	0.90	<0.01	0.35	19.8
4219	Soil	2.68	3.84	<0.05	0.07	0.02	0.02	8.4	27.8	0.45	388	1.09	<0.01	0.21	26.3
4220	Soil	2.16	3.80	<0.05	0.08	0.01	0.02	6.3	21.8	0.36	198	0.81	<0.01	0.40	17.0
4221	Soil	2.58	3.85	<0.05	0.16	0.02	0.04	7.5	27.1	0.47	241	0.71	<0.01	0.38	28.3
4222	Soil	2.85	4.57	<0.05	0.07	0.01	0.02	5.9	26.2	0.44	248	1.31	<0.01	0.43	23.9
4223	Soil	2.98	4.89	<0.05	0.08	0.01	0.03	6.8	34.8	0.50	279	0.99	<0.01	0.33	28.8
4224	Soil	3.07	4.95	<0.05	0.11	0.01	0.02	5.6	41.0	0.62	422	0.81	<0.01	0.32	28.9
4225	Soil	2.39	3.73	0.05	0.06	0.02	0.02	10.3	24.9	0.36	429	0.64	<0.01	0.20	22.7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4144	Soil	3.34	6.16	0.06	0.04	0.03	0.03	11.4	31.2	0.47	651	1.21	<0.01	0.36	23.5

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
Vol 6-446
Buchanan et al., 2011

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4065	Soil	349	7.5	2.6	<0.01	0.03	0.37	0.7	<0.2	0.3	4.5	0.03	0.02	0.8	0.010
4066	Soil	301	19.6	3.2	<0.01	0.02	1.60	1.0	0.3	0.2	4.4	<0.01	0.04	2.9	0.007
4067	Soil	599	10.7	2.7	<0.01	0.03	1.14	0.2	0.2	0.2	3.4	<0.01	0.04	0.4	<0.005
4068	Soil	767	27.0	4.3	<0.01	0.05	7.17	3.7	0.9	<0.2	42.7	0.01	0.10	3.0	<0.005
4069	Soil	544	63.0	2.7	<0.01	0.04	6.93	3.6	0.6	<0.2	25.4	<0.01	0.18	7.3	<0.005
4070	Soil	512	39.0	2.7	<0.01	0.04	6.77	3.1	0.6	<0.2	24.0	<0.01	0.17	6.2	<0.005
4071	Soil	501	31.0	3.3	<0.01	0.03	2.61	1.6	0.2	<0.2	16.4	<0.01	0.08	4.3	<0.005
4072	Soil	425	21.7	3.3	<0.01	0.03	0.61	0.1	<0.2	0.2	12.0	<0.01	0.02	0.2	<0.005
4073	Soil	207	21.6	3.9	<0.01	0.01	0.75	0.5	<0.2	0.2	11.1	<0.01	0.06	2.5	<0.005
4074	Soil	320	29.9	4.9	<0.01	0.03	1.32	0.3	<0.2	0.3	8.2	<0.01	0.06	1.1	<0.005
4075	Soil	217	38.1	3.6	<0.01	0.02	9.65	1.1	0.5	0.2	9.0	<0.01	0.22	3.8	<0.005
4076	Soil	202	37.3	3.9	<0.01	0.02	10.84	1.4	0.5	0.2	10.7	<0.01	0.24	5.0	<0.005
4077	Soil	365	26.5	4.8	<0.01	0.03	10.29	1.2	0.2	0.6	7.3	<0.01	0.18	5.1	<0.005
4078	Soil	243	28.9	3.4	<0.01	0.02	8.72	0.9	0.3	0.5	8.7	<0.01	0.22	4.5	<0.005
4079	Soil	453	13.8	3.5	<0.01	0.03	1.94	0.4	<0.2	0.5	4.2	<0.01	0.08	0.8	<0.005
4080	Soil	513	27.7	1.8	<0.01	0.03	1.24	2.0	0.2	<0.2	12.9	<0.01	0.09	5.3	<0.005
4081	Soil	523	79.8	2.8	<0.01	0.03	4.06	0.8	0.2	<0.2	11.2	<0.01	0.13	3.4	<0.005
4082	Soil	428	35.1	1.6	<0.01	0.01	1.24	1.8	<0.2	<0.2	7.1	<0.01	0.07	6.0	<0.005
4083	Soil	520	30.1	1.8	<0.01	0.03	1.39	1.5	<0.2	<0.2	8.8	<0.01	0.08	5.3	<0.005
4084	Soil	507	31.3	2.2	<0.01	0.02	1.61	1.7	0.3	<0.2	10.9	<0.01	0.07	6.6	<0.005
4085	Soil	644	250.9	3.1	<0.01	0.03	2.76	0.7	0.4	0.3	14.2	<0.01	0.13	2.4	<0.005
4086	Soil	554	333.0	3.6	<0.01	0.03	1.98	0.9	0.4	0.3	18.7	<0.01	0.09	2.8	0.005
4087	Soil	262	28.1	1.4	<0.01	0.03	0.65	0.1	<0.2	<0.2	7.4	<0.01	0.01	<0.2	0.006
4088	Soil	453	22.4	3.7	<0.01	0.02	1.12	0.7	0.2	0.5	3.3	<0.01	0.10	1.0	0.008
4089	Soil	504	33.8	5.6	<0.01	0.02	1.06	1.2	<0.2	0.3	6.2	<0.01	0.07	2.3	0.008
4090	Soil	206	11.9	1.5	<0.01	0.02	0.11	<0.1	<0.2	<0.2	3.7	<0.01	<0.01	<0.2	<0.005
4091	Soil	805	19.5	5.8	<0.01	0.03	0.82	0.3	0.4	0.5	3.8	<0.01	0.06	0.4	0.007
4092	Soil	577	24.9	2.6	<0.01	0.02	0.90	1.2	<0.2	0.2	2.4	<0.01	0.07	4.9	<0.005
4093	Soil	781	24.8	5.3	<0.01	0.02	0.76	0.8	<0.2	0.3	3.8	<0.01	0.08	2.4	<0.005
4094	Soil	763	59.2	3.0	<0.01	0.03	1.07	1.6	0.3	<0.2	5.0	<0.01	0.13	4.5	<0.005
4095	Soil	628	14.0	3.9	<0.01	0.03	0.45	0.3	<0.2	0.2	9.2	<0.01	0.05	0.2	<0.005
4096	Soil	474	32.8	2.5	<0.01	0.02	0.79	2.0	<0.2	0.2	6.6	<0.01	0.10	6.8	<0.005
4097	Soil	1264	44.1	3.4	<0.01	0.05	0.72	3.5	0.5	<0.2	13.4	<0.01	0.35	2.9	0.005
4098	Soil	1018	21.1	5.6	<0.01	0.04	1.04	0.6	<0.2	0.3	10.8	<0.01	0.08	0.7	<0.005
4099	Soil	751	39.6	2.9	<0.01	0.02	1.55	1.5	0.3	0.2	5.6	0.01	0.07	2.7	<0.005
4100	Soil	601	8.3	2.5	<0.01	0.02	0.34	0.2	<0.2	0.3	2.7	<0.01	0.04	0.2	<0.005
4101	Soil	714	20.1	5.3	<0.01	0.02	0.78	0.6	0.3	0.5	3.9	<0.01	0.08	0.8	0.008
4102	Soil	674	17.4	2.9	<0.01	0.02	1.23	1.0	<0.2	<0.2	3.9	<0.01	0.06	2.5	<0.005
4103	Soil	610	20.4	3.4	<0.01	0.02	0.94	0.9	<0.2	<0.2	4.8	<0.01	0.07	1.8	0.005
4104	Soil	568	291.3	2.8	<0.01	0.03	1.84	1.4	0.4	<0.2	16.1	<0.01	0.06	3.6	<0.005

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4105	Soil	777	15.9	3.6	<0.01	0.03	0.65	0.3	0.2	0.2	6.5	<0.01	0.04	0.5	<0.005
4106	Soil	900	26.5	4.8	<0.01	0.02	1.32	1.2	<0.2	0.2	9.8	<0.01	0.08	2.7	0.005
4107	Soil	849	25.2	4.2	<0.01	0.03	0.87	0.8	<0.2	<0.2	9.2	<0.01	0.05	0.9	<0.005
4108	Soil	679	16.6	2.7	<0.01	0.03	0.78	0.5	<0.2	<0.2	5.0	<0.01	0.05	0.7	<0.005
4109	Soil	906	17.9	3.3	<0.01	0.03	0.76	0.4	<0.2	0.2	3.2	<0.01	0.07	0.7	<0.005
4110	Soil	446	8.8	2.3	<0.01	0.03	0.30	0.3	<0.2	<0.2	4.1	<0.01	0.04	0.2	<0.005
4111	Soil	1129	20.2	3.3	<0.01	0.04	0.83	0.7	0.4	0.3	4.9	0.01	0.07	1.0	0.005
4112	Soil	977	16.5	3.6	<0.01	0.04	0.56	0.3	0.2	0.3	6.6	<0.01	0.05	0.2	<0.005
4113	Soil	855	21.6	3.2	<0.01	0.02	0.75	1.4	<0.2	0.2	4.0	<0.01	0.07	3.5	0.006
4114	Soil	628	22.2	2.2	<0.01	0.02	1.12	1.9	<0.2	<0.2	6.1	<0.01	0.08	4.2	<0.005
4115	Soil	1348	24.2	4.6	<0.01	0.05	0.88	0.7	0.5	0.3	5.4	0.02	0.05	1.4	0.006
4116	Soil	908	31.2	2.9	<0.01	0.04	1.42	0.6	0.3	0.3	5.7	<0.01	0.07	0.9	<0.005
4117	Soil	841	11.2	2.8	<0.01	0.04	0.50	0.1	0.2	0.3	3.1	<0.01	0.04	<0.2	<0.005
4118	Soil	913	16.6	4.0	<0.01	0.04	0.79	0.3	0.4	0.4	4.8	<0.01	0.06	0.4	<0.005
4119	Soil	1201	15.5	4.1	<0.01	0.04	0.64	0.2	0.3	0.3	4.0	<0.01	0.05	<0.2	<0.005
4120	Soil	1418	17.1	4.1	<0.01	0.03	0.69	0.3	0.4	0.3	4.6	<0.01	0.06	0.4	<0.005
4121	Soil	761	11.4	2.9	<0.01	0.03	0.53	0.2	0.3	0.2	3.9	<0.01	0.04	0.2	<0.005
4122	Soil	737	23.0	3.0	<0.01	0.02	1.02	1.3	0.3	0.2	5.6	<0.01	0.06	2.6	0.005
4123	Soil	1278	27.7	3.9	<0.01	0.03	0.69	0.8	0.2	0.3	4.1	0.01	0.06	1.7	<0.005
4124	Soil	1159	15.5	3.8	<0.01	0.04	0.68	0.6	0.3	0.4	5.0	0.01	0.08	1.0	0.005
4125	Soil	1078	18.0	3.5	<0.01	0.04	0.80	0.8	0.3	0.3	4.6	0.01	0.07	1.0	0.005
4126	Soil	623	13.7	2.4	<0.01	0.03	0.55	0.2	0.3	0.2	3.2	<0.01	0.03	0.2	<0.005
4127	Soil	830	23.7	4.3	<0.01	0.03	0.75	0.5	<0.2	0.3	4.6	<0.01	0.06	0.7	<0.005
4128	Soil	828	29.3	3.0	<0.01	0.03	1.27	1.0	<0.2	0.2	5.7	<0.01	0.08	1.9	<0.005
4129	Soil	644	23.0	3.7	<0.01	0.03	0.63	0.3	<0.2	0.2	3.8	<0.01	0.07	0.3	<0.005
4130	Soil	751	521.4	3.4	<0.01	0.05	9.92	0.7	<0.2	<0.2	24.0	<0.01	0.04	1.3	<0.005
4131	Soil	739	61.0	2.2	<0.01	0.05	0.71	1.4	0.4	<0.2	19.5	<0.01	0.03	2.3	<0.005
4132	Soil	761	21.0	3.1	<0.01	0.05	0.82	1.2	<0.2	<0.2	26.6	<0.01	0.08	2.0	<0.005
4133	Soil	1404	23.2	4.8	<0.01	0.03	0.90	0.6	<0.2	0.4	5.3	0.02	0.06	1.2	<0.005
4134	Soil	654	19.0	3.6	<0.01	0.02	0.73	0.7	<0.2	0.2	4.9	<0.01	0.05	1.5	<0.005
4135	Soil	536	10.1	2.7	<0.01	0.02	0.44	0.4	<0.2	0.2	4.7	<0.01	0.03	0.5	<0.005
4136	Soil	864	17.9	2.9	<0.01	0.02	0.86	0.7	<0.2	0.2	14.7	<0.01	0.08	1.0	<0.005
4137	Soil	505	12.9	2.5	<0.01	0.03	0.29	0.5	<0.2	<0.2	9.0	<0.01	0.04	0.8	<0.005
4138	Soil	528	21.0	3.2	<0.01	0.02	0.57	1.9	<0.2	<0.2	5.6	<0.01	0.06	6.0	<0.005
4139	Soil	642	29.3	3.3	<0.01	0.05	0.45	2.8	0.8	<0.2	27.3	<0.01	0.06	6.3	<0.005
4140	Soil	662	23.6	5.0	<0.01	0.03	0.57	1.4	<0.2	<0.2	6.9	<0.01	0.07	3.8	<0.005
4141	Soil	972	25.4	3.9	<0.01	0.02	0.75	1.2	<0.2	0.3	5.0	<0.01	0.08	4.2	0.005
4142	Soil	1074	29.9	3.3	<0.01	0.02	1.00	0.6	0.2	0.3	3.4	<0.01	0.08	1.4	0.007
4143	Soil	853	20.4	4.4	<0.01	0.03	0.44	0.2	<0.2	0.4	5.3	<0.01	0.05	0.3	<0.005
4145	Soil	456	34.8	1.5	<0.01	<0.01	3.42	2.7	<0.2	<0.2	17.4	<0.01	0.09	14.5	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4146	Soil	456	24.0	1.8	<0.01	0.01	4.27	2.6	<0.2	0.2	41.9	<0.01	0.10	13.3	<0.005
4147	Soil	707	58.9	2.2	<0.01	0.05	3.06	3.6	0.3	<0.2	29.1	<0.01	0.11	8.2	<0.005
4148	Soil	609	44.1	2.0	<0.01	0.04	3.89	4.1	<0.2	0.3	18.3	<0.01	0.12	13.7	<0.005
4149	Soil	422	32.8	2.9	<0.01	0.03	2.06	2.1	<0.2	<0.2	15.2	<0.01	0.14	2.6	<0.005
4150	Soil	345	34.1	2.4	<0.01	0.02	2.23	2.7	<0.2	<0.2	14.1	<0.01	0.09	5.6	<0.005
4151	Soil	948	29.8	3.1	<0.01	0.05	1.78	0.9	<0.2	<0.2	7.4	<0.01	0.08	1.5	<0.005
4152	Soil	486	28.1	1.8	<0.01	0.03	1.90	1.5	<0.2	<0.2	8.5	<0.01	0.08	3.4	<0.005
4153	Soil	284	27.3	1.6	<0.01	0.02	2.05	1.4	<0.2	<0.2	12.4	<0.01	0.11	4.6	<0.005
4154	Soil	644	14.5	3.1	<0.01	0.04	1.18	0.7	<0.2	<0.2	8.3	<0.01	0.06	1.0	<0.005
4155	Soil	610	20.5	4.7	<0.01	0.03	1.22	1.8	<0.2	<0.2	8.8	<0.01	0.07	3.7	<0.005
4156	Soil	741	15.0	3.9	<0.01	0.06	0.97	2.4	0.4	<0.2	15.7	<0.01	0.05	4.5	<0.005
4157	Soil	791	11.1	5.7	<0.01	0.04	0.44	0.6	<0.2	0.2	11.4	<0.01	0.04	0.8	<0.005
4158	Soil	939	9.3	6.7	<0.01	0.05	0.63	2.0	<0.2	0.3	13.9	<0.01	0.05	4.0	<0.005
4159	Soil	432	18.0	3.5	<0.01	0.03	1.14	2.9	<0.2	<0.2	12.5	<0.01	0.06	8.2	<0.005
4160	Soil	679	33.4	5.1	<0.01	0.04	1.19	2.1	0.3	0.2	10.9	<0.01	0.08	3.1	<0.005
4161	Soil	402	18.6	2.9	<0.01	0.02	0.72	2.1	<0.2	<0.2	5.7	<0.01	0.09	5.4	<0.005
4162	Soil	444	15.3	3.6	<0.01	0.02	1.61	2.2	0.2	<0.2	7.1	<0.01	0.08	5.3	<0.005
4163	Soil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4164	Soil	543	27.9	2.6	<0.01	0.03	0.46	0.3	<0.2	<0.2	5.1	<0.01	0.03	<0.2	<0.005
4165	Soil	423	308.5	1.9	<0.01	<0.01	2.13	3.1	<0.2	0.6	9.3	<0.01	0.08	14.7	<0.005
4166	Soil	516	41.1	1.5	<0.01	<0.01	0.85	3.9	<0.2	<0.2	9.6	<0.01	0.11	19.0	<0.005
4167	Soil	427	33.8	2.1	<0.01	<0.01	1.11	3.0	<0.2	<0.2	7.2	<0.01	0.10	11.3	<0.005
4168	Soil	499	34.2	2.6	<0.01	0.02	0.64	1.6	<0.2	<0.2	9.4	<0.01	0.05	3.9	<0.005
4169	Soil	548	27.8	2.2	<0.01	0.02	0.60	3.3	<0.2	<0.2	14.6	<0.01	0.11	10.0	<0.005
4170	Soil	411	53.1	1.9	<0.01	0.02	1.32	3.6	<0.2	0.2	14.9	<0.01	0.15	14.2	<0.005
4171	Soil	457	181.0	1.5	<0.01	0.01	1.69	3.3	<0.2	0.2	19.0	<0.01	0.11	16.3	<0.005
4172	Soil	522	38.8	2.4	<0.01	0.02	0.64	2.6	<0.2	<0.2	5.4	<0.01	0.08	8.2	<0.005
4173	Soil	456	39.7	2.5	<0.01	0.02	1.91	1.9	<0.2	<0.2	4.6	<0.01	0.10	3.7	<0.005
4174	Soil	356	29.2	2.6	<0.01	0.02	1.38	1.9	<0.2	<0.2	5.8	<0.01	0.08	4.3	<0.005
4175	Soil	507	34.5	2.2	<0.01	0.02	0.95	2.4	<0.2	<0.2	9.8	<0.01	0.08	6.8	<0.005
4176	Soil	374	23.5	2.7	<0.01	0.01	2.37	2.8	0.2	<0.2	10.2	<0.01	0.09	7.4	<0.005
4177	Soil	404	20.0	3.3	<0.01	0.01	3.62	3.1	<0.2	<0.2	12.2	<0.01	0.08	6.8	<0.005
4178	Soil	506	20.7	2.9	<0.01	0.02	3.53	2.5	<0.2	<0.2	10.3	<0.01	0.07	4.0	<0.005
4179	Soil	433	25.2	2.4	<0.01	0.03	0.80	1.0	<0.2	<0.2	7.4	<0.01	0.05	1.1	<0.005
4180	Soil	615	32.8	4.2	<0.01	0.03	0.99	1.7	<0.2	<0.2	7.8	<0.01	0.08	3.2	<0.005
4181	Soil	500	18.7	2.8	<0.01	0.03	1.74	1.2	<0.2	<0.2	11.8	<0.01	0.05	2.4	<0.005
4182	Soil	1256	15.7	4.2	<0.01	0.10	0.86	1.5	<0.2	0.2	14.7	0.01	0.05	3.0	<0.005
4183	Soil	1082	24.0	3.8	<0.01	0.08	0.98	0.5	<0.2	<0.2	6.0	<0.01	0.05	0.7	<0.005
4184	Soil	1223	35.3	4.1	<0.01	0.05	1.83	1.0	<0.2	<0.2	8.6	<0.01	0.08	2.5	<0.005
4185	Soil	754	23.2	2.7	<0.01	0.04	1.91	1.1	<0.2	<0.2	11.0	<0.01	0.09	2.3	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4186	Soil	595	22.8	2.7	<0.01	0.03	2.07	1.2	<0.2	<0.2	10.5	<0.01	0.07	1.6	<0.005
4187	Soil	544	20.9	3.0	<0.01	0.03	2.06	1.2	<0.2	<0.2	9.9	<0.01	0.08	1.8	<0.005
4188	Soil	472	26.1	2.3	<0.01	0.02	1.39	2.0	<0.2	<0.2	7.9	<0.01	0.05	4.8	<0.005
4189	Soil	591	20.3	2.8	<0.01	0.03	1.22	1.0	<0.2	<0.2	6.9	<0.01	0.04	2.1	<0.005
4190	Soil	358	46.5	2.0	<0.01	0.03	4.04	1.9	<0.2	<0.2	11.4	<0.01	0.09	5.1	<0.005
4191	Soil	415	21.3	2.5	<0.01	0.02	1.05	1.4	<0.2	<0.2	11.3	<0.01	0.04	2.8	<0.005
4192	Soil	635	47.5	3.7	<0.01	0.03	3.48	2.1	<0.2	<0.2	12.3	<0.01	0.11	4.3	<0.005
4193	Soil	566	27.8	3.5	<0.01	0.03	1.97	1.5	<0.2	<0.2	11.1	<0.01	0.06	1.8	0.008
4194	Soil	589	17.9	3.2	<0.01	0.03	1.91	1.0	<0.2	0.2	12.4	<0.01	0.08	1.0	0.007
4195	Soil	359	663.7	1.7	<0.01	0.03	8.87	2.7	<0.2	1.0	16.5	<0.01	0.09	10.4	<0.005
4196	Soil	540	49.1	1.7	<0.01	<0.01	1.27	3.4	<0.2	<0.2	7.4	<0.01	0.09	14.9	<0.005
4197	Soil	595	45.9	1.4	<0.01	0.01	2.00	4.9	<0.2	<0.2	10.7	<0.01	0.13	11.5	<0.005
4198	Soil	447	31.8	1.4	<0.01	<0.01	2.18	3.8	<0.2	<0.2	8.2	<0.01	0.08	15.5	<0.005
4199	Soil	447	26.2	3.6	<0.01	0.02	1.78	2.1	<0.2	0.2	6.7	<0.01	0.06	5.1	<0.005
4200	Soil	399	23.5	1.5	<0.01	<0.01	3.08	3.5	<0.2	<0.2	9.8	<0.01	0.08	10.4	<0.005
4201	Soil	383	23.4	2.9	<0.01	0.01	4.78	3.1	<0.2	<0.2	14.1	<0.01	0.07	5.2	<0.005
4202	Soil	296	30.2	2.5	<0.01	0.01	1.28	2.3	<0.2	<0.2	5.3	<0.01	0.07	6.6	<0.005
4203	Soil	358	173.9	1.5	<0.01	0.01	9.26	2.7	<0.2	<0.2	6.0	<0.01	0.06	7.5	<0.005
4204	Soil	551	426.8	1.7	<0.01	0.01	0.69	1.9	<0.2	<0.2	7.1	<0.01	0.07	4.5	0.005
4205	Soil	560	9.9	1.8	<0.01	0.05	0.16	0.1	<0.2	<0.2	3.5	<0.01	<0.01	<0.2	<0.005
4206	Soil	564	5.3	4.1	<0.01	0.02	0.13	1.4	<0.2	<0.2	6.2	<0.01	0.02	2.2	<0.005
4207	Soil	517	4.2	2.3	<0.01	0.05	0.13	0.2	<0.2	<0.2	4.6	<0.01	<0.01	<0.2	<0.005
4208	Soil	500	12.1	3.8	<0.01	0.01	0.23	1.9	<0.2	0.2	9.2	<0.01	0.04	2.6	<0.005
4209	Soil	807	21.8	2.8	<0.01	0.05	2.61	2.4	0.5	<0.2	13.1	<0.01	0.04	2.7	<0.005
4210	Soil	294	28.3	3.5	<0.01	0.01	4.34	2.2	1.3	<0.2	13.2	<0.01	0.09	2.6	<0.005
4211	Soil	688	14.4	4.3	<0.01	0.04	0.49	0.4	<0.2	<0.2	4.6	<0.01	0.02	0.5	<0.005
4212	Soil	854	28.2	3.7	<0.01	0.07	0.76	0.3	0.4	0.2	4.4	<0.01	0.04	0.7	<0.005
4213	Soil	731	33.9	3.1	<0.01	0.06	1.14	0.6	<0.2	<0.2	7.7	<0.01	0.05	2.8	<0.005
4214	Soil	588	25.5	3.3	<0.01	0.03	1.69	0.9	<0.2	<0.2	5.9	<0.01	0.04	3.3	<0.005
4215	Soil	848	17.5	5.4	<0.01	0.06	1.04	0.6	<0.2	<0.2	4.9	<0.01	0.05	2.0	<0.005
4216	Soil	370	20.5	3.1	<0.01	0.01	0.43	1.3	<0.2	<0.2	8.8	<0.01	0.04	7.4	<0.005
4217	Soil	482	23.0	4.5	<0.01	0.02	0.92	1.3	<0.2	<0.2	7.0	<0.01	0.03	5.4	<0.005
4218	Soil	839	21.0	4.4	<0.01	0.06	0.67	0.5	<0.2	0.2	6.0	<0.01	0.04	1.3	<0.005
4219	Soil	519	26.1	2.6	<0.01	0.03	1.29	0.7	<0.2	<0.2	8.2	<0.01	0.05	2.5	<0.005
4220	Soil	573	21.5	4.2	<0.01	0.04	0.82	0.7	<0.2	0.2	5.1	<0.01	0.03	2.2	<0.005
4221	Soil	500	25.2	4.5	<0.01	0.02	1.03	2.0	0.3	<0.2	20.9	<0.01	0.03	8.7	0.005
4222	Soil	606	20.5	3.2	<0.01	0.05	1.20	0.5	<0.2	0.3	5.1	<0.01	0.03	2.4	<0.005
4223	Soil	472	22.8	3.5	<0.01	0.04	1.22	0.8	<0.2	0.2	4.8	<0.01	0.04	3.9	<0.005
4224	Soil	495	22.4	3.4	<0.01	0.03	0.41	0.9	<0.2	<0.2	5.8	<0.01	0.05	3.7	<0.005
4225	Soil	399	23.4	3.7	<0.01	0.02	1.58	0.8	<0.2	<0.2	8.6	<0.01	0.04	5.2	<0.005

NS = No Sample

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Buchanan et al., 2011

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Certificate of Analysis

11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4144	Soil	889	100.3	4.7	<0.01	0.03	1.34	0.5	<0.2	0.3	5.1	0.01	0.06	1.0	<0.005

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.
Vol 6-451
Buchanan et al., 2011

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Canada

Certificate of Analysis

11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4065	Soil	<0.05	0.35	17	0.17	0.98	24	<0.5
4066	Soil	<0.05	0.73	28	0.52	2.25	79	1.0
4067	Soil	<0.05	0.60	20	0.25	1.21	42	<0.5
4068	Soil	<0.05	1.04	15	0.37	22.74	77	3.1
4069	Soil	<0.05	1.50	38	0.11	14.18	130	4.8
4070	Soil	<0.05	1.57	29	0.24	12.92	115	4.8
4071	Soil	0.06	1.13	16	0.58	4.02	105	1.7
4072	Soil	0.17	0.56	9	0.38	0.54	18	<0.5
4073	Soil	0.09	0.57	9	0.60	0.70	45	<0.5
4074	Soil	0.09	1.01	9	0.68	0.82	62	<0.5
4075	Soil	0.06	1.17	8	0.52	0.79	117	<0.5
4076	Soil	0.07	1.19	7	0.52	0.89	123	<0.5
4077	Soil	0.07	0.77	11	0.36	0.66	108	0.6
4078	Soil	0.06	0.81	9	0.66	0.60	75	<0.5
4079	Soil	0.05	0.74	11	0.30	0.80	39	0.5
4080	Soil	<0.05	1.18	34	<0.05	3.00	135	5.1
4081	Soil	<0.05	0.62	11	0.56	0.66	87	<0.5
4082	Soil	<0.05	0.96	39	0.06	2.11	110	2.0
4083	Soil	<0.05	1.27	33	0.13	1.94	100	2.2
4084	Soil	<0.05	1.18	35	0.10	2.29	111	2.2
4085	Soil	0.12	2.15	16	0.60	2.07	274	<0.5
4086	Soil	0.10	2.44	21	0.54	1.93	181	<0.5
4087	Soil	<0.05	0.45	8	0.19	0.47	36	<0.5
4088	Soil	<0.05	0.48	40	0.20	1.30	70	<0.5
4089	Soil	<0.05	0.65	37	0.18	1.74	87	0.5
4090	Soil	<0.05	0.24	7	0.05	0.44	9	<0.5
4091	Soil	<0.05	0.60	38	0.17	1.21	64	<0.5
4092	Soil	<0.05	0.76	41	0.08	1.29	107	1.4
4093	Soil	<0.05	0.78	39	0.14	1.48	84	1.1
4094	Soil	<0.05	1.68	36	0.06	2.86	117	2.9
4095	Soil	<0.05	1.93	21	0.08	0.85	57	<0.5
4096	Soil	<0.05	0.88	46	0.07	2.09	130	2.0
4097	Soil	<0.05	1.16	33	0.08	9.88	160	2.4
4098	Soil	<0.05	0.70	26	0.14	2.14	85	0.6
4099	Soil	<0.05	0.91	34	0.12	1.85	112	2.0
4100	Soil	<0.05	0.32	17	0.06	0.60	22	<0.5
4101	Soil	<0.05	0.62	38	0.23	1.42	65	<0.5
4102	Soil	<0.05	0.50	40	0.09	1.29	83	1.8
4103	Soil	<0.05	0.54	37	0.09	1.39	80	1.2
4104	Soil	<0.05	1.53	32	0.07	2.76	340	1.8

NS = No Sample

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4105	Soil	<0.05	0.49	30	0.08	1.00	56	0.6
4106	Soil	<0.05	0.65	48	0.09	1.81	108	1.7
4107	Soil	<0.05	1.32	24	0.07	3.06	53	2.4
4108	Soil	<0.05	0.54	30	0.07	0.93	67	0.9
4109	Soil	<0.05	0.58	36	0.08	1.29	69	1.0
4110	Soil	<0.05	0.37	20	0.07	0.63	36	0.5
4111	Soil	<0.05	0.87	39	0.09	1.48	84	1.2
4112	Soil	<0.05	0.70	26	0.08	1.09	47	<0.5
4113	Soil	<0.05	0.79	46	0.13	1.53	96	2.7
4114	Soil	<0.05	0.91	47	0.09	2.23	118	2.3
4115	Soil	<0.05	0.86	41	0.12	1.60	84	1.8
4116	Soil	<0.05	0.77	34	0.09	1.36	84	1.3
4117	Soil	<0.05	0.51	23	0.07	0.75	33	<0.5
4118	Soil	<0.05	0.65	34	0.14	1.25	60	0.5
4119	Soil	<0.05	0.66	26	0.05	1.07	46	<0.5
4120	Soil	<0.05	0.73	31	0.07	1.26	59	0.6
4121	Soil	<0.05	0.57	22	0.08	0.89	42	<0.5
4122	Soil	<0.05	0.90	41	0.12	1.50	107	2.1
4123	Soil	<0.05	0.77	35	0.10	1.16	73	2.1
4124	Soil	<0.05	0.80	37	0.11	1.40	69	1.4
4125	Soil	<0.05	0.78	38	0.11	1.24	88	1.4
4126	Soil	<0.05	0.52	21	0.09	1.23	41	<0.5
4127	Soil	<0.05	0.68	31	0.10	1.14	72	0.8
4128	Soil	<0.05	0.63	41	0.11	1.41	95	1.5
4129	Soil	<0.05	0.51	29	0.09	0.89	56	<0.5
4130	Soil	<0.05	0.90	23	0.06	1.48	137	1.3
4131	Soil	<0.05	1.36	30	0.06	2.99	79	3.0
4132	Soil	<0.05	0.57	33	0.05	1.61	84	1.7
4133	Soil	<0.05	0.53	37	0.17	1.28	70	<0.5
4134	Soil	<0.05	0.49	37	0.09	1.30	70	1.0
4135	Soil	<0.05	0.35	24	0.08	0.90	42	0.5
4136	Soil	<0.05	0.51	35	0.10	1.45	69	1.4
4137	Soil	<0.05	0.48	18	0.07	0.87	44	0.6
4138	Soil	<0.05	0.79	44	0.06	1.85	119	1.3
4139	Soil	<0.05	12.80	43	<0.05	10.09	152	7.2
4140	Soil	<0.05	1.52	37	0.07	1.83	101	1.4
4141	Soil	<0.05	0.71	43	0.10	1.48	89	1.9
4142	Soil	<0.05	0.70	33	0.11	1.07	56	<0.5
4143	Soil	<0.05	0.52	29	0.10	0.91	45	<0.5
4145	Soil	<0.05	0.99	24	0.17	4.13	107	5.4

NS = No Sample

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4146	Soil	<0.05	1.14	11	0.22	3.75	83	5.2
4147	Soil	<0.05	2.02	15	0.16	5.73	102	0.8
4148	Soil	0.08	1.26	31	0.16	3.11	132	6.1
4149	Soil	<0.05	0.73	23	0.14	4.24	67	1.0
4150	Soil	<0.05	0.95	29	0.21	4.34	93	1.4
4151	Soil	<0.05	0.73	28	0.26	1.76	91	1.9
4152	Soil	<0.05	0.74	32	0.10	2.01	107	1.5
4153	Soil	<0.05	0.79	28	0.07	2.93	94	1.1
4154	Soil	<0.05	0.69	20	0.11	1.78	65	0.8
4155	Soil	<0.05	1.29	30	0.12	2.25	97	1.7
4156	Soil	<0.05	11.93	30	0.10	4.57	95	5.0
4157	Soil	<0.05	1.06	30	0.09	1.21	66	0.8
4158	Soil	<0.05	0.68	37	0.12	1.62	95	3.1
4159	Soil	<0.05	1.60	47	0.12	3.56	114	4.1
4160	Soil	<0.05	1.96	27	0.16	4.11	88	4.0
4161	Soil	<0.05	0.76	38	0.10	2.21	104	2.0
4162	Soil	<0.05	1.11	27	0.24	2.87	82	2.1
4163	Soil	NS	NS	NS	NS	NS	NS	NS
4164	Soil	<0.05	0.53	14	0.08	1.09	28	<0.5
4165	Soil	<0.05	1.45	43	0.10	4.37	180	1.3
4166	Soil	<0.05	1.68	52	0.17	3.71	154	2.7
4167	Soil	<0.05	1.18	38	0.17	3.26	117	0.8
4168	Soil	<0.05	0.81	27	0.11	2.17	88	0.7
4169	Soil	<0.05	1.17	47	0.07	5.17	126	3.1
4170	Soil	<0.05	1.39	43	0.09	5.38	146	2.4
4171	Soil	<0.05	1.14	46	0.09	3.76	251	5.6
4172	Soil	<0.05	1.03	40	0.10	2.12	113	1.7
4173	Soil	<0.05	1.07	29	0.14	3.09	85	0.8
4174	Soil	<0.05	0.95	27	0.15	2.75	76	0.8
4175	Soil	<0.05	1.22	40	0.12	3.16	119	1.1
4176	Soil	<0.05	1.01	28	0.21	4.64	97	1.0
4177	Soil	<0.05	1.22	24	0.28	4.23	105	1.9
4178	Soil	<0.05	1.04	24	0.24	3.74	103	2.7
4179	Soil	<0.05	1.14	29	0.07	1.51	73	0.9
4180	Soil	<0.05	1.64	37	0.31	2.41	100	1.4
4181	Soil	<0.05	1.08	27	0.22	1.87	82	1.7
4182	Soil	<0.05	1.42	31	0.09	1.86	71	3.5
4183	Soil	<0.05	0.95	31	0.10	1.44	79	1.0
4184	Soil	0.07	1.07	28	0.08	1.52	86	2.4
4185	Soil	<0.05	1.07	33	0.09	1.58	99	1.2

NS = No Sample

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4186	Soil	<0.05	0.93	21	0.08	3.38	87	1.3
4187	Soil	<0.05	0.84	23	0.09	3.11	88	1.2
4188	Soil	<0.05	1.24	39	<0.05	2.09	115	1.6
4189	Soil	<0.05	0.98	26	0.06	1.52	76	1.3
4190	Soil	<0.05	1.17	29	0.07	2.65	131	1.5
4191	Soil	<0.05	0.83	29	0.06	1.72	81	1.1
4192	Soil	0.06	1.18	35	0.11	3.29	122	1.0
4193	Soil	<0.05	1.04	34	0.13	3.60	102	<0.5
4194	Soil	<0.05	0.77	36	0.13	2.75	98	0.6
4195	Soil	<0.05	1.22	45	0.12	2.53	316	2.2
4196	Soil	<0.05	1.84	44	0.14	4.12	153	1.7
4197	Soil	0.05	1.65	33	0.12	4.71	135	2.6
4198	Soil	<0.05	1.96	36	0.21	3.84	130	4.9
4199	Soil	<0.05	0.81	35	0.16	2.38	92	1.3
4200	Soil	<0.05	0.96	29	0.23	4.05	119	1.4
4201	Soil	<0.05	1.32	17	0.28	5.34	105	1.6
4202	Soil	<0.05	1.01	48	0.08	2.16	122	2.0
4203	Soil	<0.05	1.42	47	<0.05	2.97	141	2.2
4204	Soil	<0.05	0.71	44	0.08	3.02	71	1.4
4205	Soil	<0.05	0.35	11	0.06	0.64	15	<0.5
4206	Soil	<0.05	0.54	33	0.14	2.03	69	0.9
4207	Soil	<0.05	0.38	14	0.09	2.00	21	<0.5
4208	Soil	<0.05	0.60	37	0.11	3.00	72	0.8
4209	Soil	<0.05	1.54	23	0.05	11.50	74	3.6
4210	Soil	0.13	1.13	19	<0.05	6.27	91	0.9
4211	Soil	<0.05	0.91	21	0.08	3.09	40	0.8
4212	Soil	<0.05	0.83	26	0.10	1.85	63	1.0
4213	Soil	<0.05	0.84	24	0.06	1.95	85	1.9
4214	Soil	<0.05	1.05	27	0.07	3.09	80	2.2
4215	Soil	<0.05	0.65	27	0.06	1.74	91	1.3
4216	Soil	<0.05	1.15	26	<0.05	2.70	74	0.8
4217	Soil	<0.05	1.04	26	0.06	3.44	75	1.8
4218	Soil	<0.05	0.83	26	0.07	3.04	52	1.0
4219	Soil	<0.05	0.71	24	0.06	2.98	45	1.2
4220	Soil	<0.05	0.69	24	0.08	2.46	50	1.8
4221	Soil	<0.05	1.73	26	0.06	8.55	83	4.3
4222	Soil	0.06	0.85	28	0.09	2.24	61	1.5
4223	Soil	<0.05	0.77	30	0.06	2.29	68	2.1
4224	Soil	<0.05	0.64	33	0.07	2.38	77	2.5
4225	Soil	<0.05	0.72	20	<0.05	3.20	56	1.5

NS = No Sample

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4144	Soil	<0.05	0.69	35	0.10	1.49	79	0.9

NS = No Sample

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Vol 6-456
Buchanan et al., 2011

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4065	Soil		0.08	0.75	11.9	22	0.13	0.18	0.04	0.07	8.73	2.8	7	0.54	14.2
4065 Dup			0.06	0.74	11.6	21	0.10	0.17	0.04	0.07	8.59	2.7	7	0.56	13.4
QCV1109-00574-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5997.8
4083	Soil		0.18	1.59	96.1	14	0.30	0.40	0.08	0.17	11.06	18.0	31	0.71	36.6
4083 Dup			0.15	1.59	88.9	15	0.31	0.52	0.08	0.17	11.90	18.8	31	0.73	35.7
QCV1109-00574-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5889.0
4101	Soil		0.14	1.51	92.7	32	0.18	0.40	0.01	0.09	25.41	7.4	25	1.21	20.8
4101 Dup			0.14	1.50	90.9	31	0.17	0.37	0.01	0.11	26.45	7.2	25	1.25	21.2
QCV1109-00574-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.46					8.80				22.3			>10000
4119	Soil		0.14	1.14	46.1	30	0.19	0.31	0.01	0.09	13.23	5.4	20	1.53	28.3
4119 Dup			0.14	1.15	47.7	33	0.22	0.32	0.01	0.10	14.05	5.6	21	1.54	28.9
QCV1109-00574-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5864.3
4137	Soil		0.08	0.83	12.8	30	0.12	0.28	0.18	0.16	14.20	4.4	15	1.43	20.4
4137 Dup			0.09	0.83	12.8	29	0.10	0.29	0.17	0.16	15.01	4.5	14	1.44	20.7
QCV1109-00574-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5851.0
4156	Soil		0.26	1.65	84.6	47	0.41	0.39	0.35	0.14	17.03	9.4	28	5.28	33.0
4156 Dup			0.32	1.70	84.9	48	0.46	0.41	0.35	0.20	17.94	9.6	28	5.54	34.0
QCV1109-00574-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.45					8.66				22.9			>10000
4175	Soil		0.06	1.96	31.2	26	0.44	0.53	0.07	0.11	31.34	21.1	33	3.04	59.5
4175 Dup			0.05	2.05	29.5	24	0.41	0.52	0.07	0.09	30.83	20.0	34	2.92	57.7
QCV1109-00574-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6021.1
4193	Soil		0.05	1.35	69.4	29	0.52	0.43	0.04	0.08	41.27	17.9	21	1.86	45.2
4193 Dup			0.05	1.33	74.3	30	0.65	0.46	0.04	0.09	41.61	18.6	21	1.89	48.0
QCV1109-00574-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5882.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4211	Soil		0.07	1.03	9.1	23	0.25	0.23	0.03	0.04	11.71	4.9	12	0.78	22.7
4211 Dup			0.06	1.04	9.3	26	0.29	0.24	0.03	0.04	11.56	5.3	12	0.82	24.7
QCV1109-00574-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.47					8.84				23.3			>10000
QCV1109-00574-0028-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.30					8.40				22.1			>10000
4065	Soil	0.006													
4065 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.984													
4083	Soil	0.011													
4083 Dup		0.020													
QCV1109-00575-0004-BLK		<0.005													
4101	Soil	<0.005													
4101 Dup		<0.005													
4119	Soil	0.015													
4119 Dup		0.007													
QCV1109-00575-0008-BLK		<0.005													
4137	Soil	0.021													
4137 Dup		0.010													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.925													
4156	Soil	0.028													
4156 Dup		0.031													
QCV1109-00575-0012-BLK		<0.005													
4175	Soil	0.006													
4175 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.989													
4193	Soil	0.015													
4193 Dup		0.017													
QCV1109-00575-0016-BLK		0.008													
4211	Soil	0.006													
4211 Dup		0.007													

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4065	Soil	1.08	3.09	<0.05	0.30	<0.01	0.02	4.2	6.5	0.11	141	0.75	0.01	0.53	6.0
4065 Dup		1.07	3.06	<0.05	0.12	<0.01	0.02	4.2	6.2	0.11	142	0.72	0.01	0.41	6.0
QCV1109-00574-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4083	Soil	3.29	5.10	<0.05	0.12	0.02	0.02	5.4	44.0	0.78	623	1.18	<0.01	0.06	38.0
4083 Dup		3.29	5.01	<0.05	0.12	0.02	0.02	5.8	40.7	0.79	632	1.21	<0.01	0.06	38.0
QCV1109-00574-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4101	Soil	3.63	7.37	<0.05	0.11	0.02	0.02	12.5	23.7	0.40	512	1.02	<0.01	0.70	18.1
4101 Dup		3.70	7.12	<0.05	0.07	0.02	0.02	12.7	23.4	0.40	523	1.00	<0.01	0.70	18.1
QCV1109-00574-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4119	Soil	2.90	5.71	<0.05	0.02	0.01	0.02	6.4	11.1	0.19	535	0.71	<0.01	0.22	11.4
4119 Dup		2.88	5.82	<0.05	<0.02	0.02	0.02	6.8	12.0	0.20	541	0.78	<0.01	0.24	12.1
QCV1109-00574-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4137	Soil	1.81	3.77	<0.05	0.16	0.01	0.02	8.5	19.6	0.31	140	0.84	0.01	0.30	14.1
4137 Dup		1.80	3.97	<0.05	0.11	<0.01	0.02	8.9	20.0	0.30	138	0.83	0.01	0.30	14.0
QCV1109-00574-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4156	Soil	3.13	5.10	<0.05	0.26	0.02	0.02	8.9	37.3	0.62	330	1.10	<0.01	0.20	33.3
4156 Dup		3.12	5.08	<0.05	0.26	0.03	0.03	9.4	38.3	0.62	333	1.12	<0.01	0.20	33.9
QCV1109-00574-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4175	Soil	3.96	6.83	0.06	0.11	0.03	0.02	13.8	59.5	0.82	737	1.20	<0.01	0.21	46.3
4175 Dup		4.08	6.44	0.06	0.09	0.03	0.02	13.5	56.4	0.84	738	1.12	<0.01	0.21	43.5
QCV1109-00574-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4193	Soil	3.47	4.18	0.07	0.02	0.02	0.03	20.0	31.4	0.56	991	0.98	<0.01	0.35	34.0
4193 Dup		3.53	4.33	0.07	0.03	0.02	0.03	19.8	32.3	0.56	1004	1.00	<0.01	0.34	36.0
QCV1109-00574-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4211	Soil	1.89	4.12	<0.05	0.07	0.01	0.03	5.8	13.2	0.22	341	0.94	0.01	0.26	11.3
4211 Dup		1.92	4.43	<0.05	0.07	0.01	0.03	5.8	15.0	0.22	355	1.01	0.01	0.28	11.9
QCV1109-00574-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-00574-0028-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4065	Soil	349	7.5	2.6	<0.01	0.03	0.37	0.7	<0.2	0.3	4.5	0.03	0.02	0.8	0.010
4065 Dup		340	6.9	2.5	<0.01	0.02	0.36	0.4	<0.2	0.3	4.3	0.01	0.02	0.3	0.010
QCV1109-00574-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4083	Soil	520	30.1	1.8	<0.01	0.03	1.39	1.5	<0.2	<0.2	8.8	<0.01	0.08	5.3	<0.005
4083 Dup		510	29.7	1.8	<0.01	0.03	1.33	1.6	<0.2	<0.2	9.3	<0.01	0.09	5.2	<0.005
QCV1109-00574-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4101	Soil	714	20.1	5.3	<0.01	0.02	0.78	0.6	0.3	0.5	3.9	<0.01	0.08	0.8	0.008
4101 Dup		707	18.8	5.3	<0.01	0.02	0.79	0.6	0.3	0.5	4.0	<0.01	0.06	0.7	0.008
QCV1109-00574-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.8				1.81		13.4	16.6					
4119	Soil	1201	15.5	4.1	<0.01	0.04	0.64	0.2	0.3	0.3	4.0	<0.01	0.05	<0.2	<0.005
4119 Dup		1209	16.9	4.2	<0.01	0.04	0.65	0.2	0.5	0.3	4.2	<0.01	0.08	<0.2	<0.005
QCV1109-00574-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4137	Soil	505	12.9	2.5	<0.01	0.03	0.29	0.5	<0.2	<0.2	9.0	<0.01	0.04	0.8	<0.005
4137 Dup		489	13.2	2.6	<0.01	0.03	0.30	0.6	<0.2	<0.2	9.4	<0.01	0.04	0.8	<0.005
QCV1109-00574-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4156	Soil	741	15.0	3.9	<0.01	0.06	0.97	2.4	0.4	<0.2	15.7	<0.01	0.05	4.5	<0.005
4156 Dup		740	15.2	4.0	<0.01	0.06	1.12	2.4	0.4	<0.2	15.9	<0.01	0.06	4.5	<0.005
QCV1109-00574-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.78		13.6	16.6					
4175	Soil	507	34.5	2.2	<0.01	0.02	0.95	2.4	<0.2	<0.2	9.8	<0.01	0.08	6.8	<0.005
4175 Dup		510	33.6	2.2	<0.01	0.02	0.92	2.3	<0.2	<0.2	9.5	<0.01	0.10	6.9	<0.005
QCV1109-00574-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4193	Soil	566	27.8	3.5	<0.01	0.03	1.97	1.5	<0.2	<0.2	11.1	<0.01	0.06	1.8	0.008
4193 Dup		563	29.1	3.6	<0.01	0.03	2.01	1.5	0.2	0.3	11.6	<0.01	0.07	1.8	0.008
QCV1109-00574-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9636.1												

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4211	Soil	688	14.4	4.3	<0.01	0.04	0.49	0.4	<0.2	<0.2	4.6	<0.01	0.02	0.5	<0.005
4211 Dup		691	14.9	4.3	<0.01	0.04	0.50	0.4	0.4	0.2	4.6	<0.01	0.04	0.5	<0.005
QCV1109-00574-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.0				1.87		13.5	15.3					
QCV1109-00574-0028-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.82		13.2	15.2					

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4065	Soil	<0.05	0.35	17	0.17	0.98	24	<0.5
4065 Dup		<0.05	0.30	17	0.17	0.96	24	<0.5
QCV1109-00574-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5055	
4083	Soil	<0.05	1.27	33	0.13	1.94	100	2.2
4083 Dup		<0.05	1.35	33	0.13	1.93	101	2.1
QCV1109-00574-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5053	
4101	Soil	<0.05	0.62	38	0.23	1.42	65	<0.5
4101 Dup		<0.05	0.58	39	0.16	1.42	65	<0.5
QCV1109-00574-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
4119	Soil	<0.05	0.66	26	0.05	1.07	46	<0.5
4119 Dup		<0.05	0.67	26	0.07	1.10	45	<0.5
QCV1109-00574-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4851	
4137	Soil	<0.05	0.48	18	0.07	0.87	44	0.6
4137 Dup		<0.05	0.49	17	0.07	0.87	44	0.5
QCV1109-00574-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4854	
4156	Soil	<0.05	11.93	30	0.10	4.57	95	5.0
4156 Dup		<0.05	11.95	30	0.11	4.53	98	5.0
QCV1109-00574-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	
4175	Soil	<0.05	1.22	40	0.12	3.16	119	1.1
4175 Dup		<0.05	1.17	41	0.12	3.07	121	1.1
QCV1109-00574-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5070	
4193	Soil	<0.05	1.04	34	0.13	3.60	102	<0.5
4193 Dup		<0.05	1.06	34	0.13	3.72	103	<0.5
QCV1109-00574-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5107	

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11-360-06842-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4211	Soil	<0.05	0.91	21	0.08	3.09	40	0.8
4211 Dup		<0.05	0.92	22	0.07	3.30	41	1.0
QCV1109-00574-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
QCV1109-00574-0028-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	

3Ace Property, Northern Tiger Resources Inc.
Vol 6-463
Buchanan et al., 2011

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Richmond, British Columbia V7A 4V5
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11-360-09199-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
1201	Pulp	0.61
1201 Dup		0.65
QCV1111-00444-0002-BLK		<0.01
QCV1111-00444-0003-BLK		<0.01
STD-DS-1 expected		82.00
STD-DS-1 result		77.49

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 7: Appendix F (Cont.): Soil Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)
Soil Certificates (Cont.)

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Certificate of Analysis

11-360-06882-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
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EMail: ajmcfayll@yahoo.ca

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Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Melanie Debnam

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 4**
Description: **3 ACE**

Date Received: 09/06/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	197	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Canada

Certificate of Analysis

11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3415	Soil	0.016	0.15	1.45	29.7	24	0.26	0.28	0.02	0.10	17.01	10.3	24	1.05	36.4
3416	Soil	0.063	0.21	1.92	71.3	33	0.23	0.44	0.03	0.36	21.92	15.3	38	1.48	34.6
3417	Soil	0.016	0.21	1.54	46.9	27	0.19	0.27	0.01	0.07	20.70	10.0	22	1.31	24.6
3418	Soil	0.013	0.15	1.56	59.7	38	0.19	0.38	0.02	0.15	22.61	10.9	34	1.73	25.9
3419	Soil	0.010	0.15	1.21	78.3	35	0.18	0.34	0.03	0.20	20.07	7.7	25	1.07	19.8
3420	Soil	0.050	0.13	0.50	115.0	21	0.14	0.36	0.02	0.17	23.27	6.0	12	0.91	22.5
3421	Soil	0.021	0.55	0.61	63.1	29	0.20	0.22	0.02	0.16	10.56	4.4	6	0.76	17.0
3422	Soil	0.041	0.18	0.84	104.5	25	0.53	0.86	0.05	0.17	14.23	13.5	15	3.42	43.8
3423	Soil	0.103	0.23	0.73	521.4	20	0.15	0.49	0.01	0.48	19.50	10.0	15	0.90	21.5
3424	Soil	0.025	0.09	1.78	54.7	21	0.38	0.39	0.14	0.12	19.74	17.7	28	1.06	40.1
3425	Soil	0.032	0.08	1.82	84.1	22	0.25	0.41	0.08	0.19	21.90	13.9	29	1.20	21.1
3426	Soil	0.015	0.24	1.01	209.9	18	0.16	0.50	0.02	0.29	21.86	10.0	20	1.47	29.0
3427	Soil	0.029	0.07	0.88	161.6	21	0.30	0.51	0.02	0.34	32.66	14.4	18	1.63	37.2
3428	Soil	0.022	0.20	1.70	109.6	19	0.39	0.56	0.02	0.67	29.96	14.8	26	1.81	40.3
3429	Soil	0.011	0.26	1.54	107.0	18	0.21	0.51	0.02	0.35	30.29	11.9	26	1.58	27.7
3430	Soil	0.009	0.34	0.62	414.7	17	0.10	0.41	0.02	0.40	28.35	5.9	11	0.64	24.5
3431	Soil	<0.005	0.11	0.98	25.2	26	0.09	0.42	0.01	0.12	35.61	4.2	15	1.43	10.5
3432	Soil	0.007	0.15	1.62	19.5	46	0.48	0.34	0.11	0.16	21.38	13.9	29	0.72	32.0
3433	Soil	0.007	0.12	1.36	10.8	19	0.24	0.32	0.02	0.08	19.31	8.8	24	0.77	24.8
3434	Soil	<0.005	0.04	1.80	2.6	38	0.46	0.29	0.12	0.06	27.52	18.9	33	1.14	95.0
3435	Soil	<0.005	0.10	1.77	12.4	23	0.24	0.29	0.05	0.13	15.22	11.1	29	0.50	27.7
3317	Soil	0.011	0.20	0.95	64.9	43	0.23	0.29	0.01	0.18	20.85	7.8	16	1.38	26.9
3318	Soil	0.005	0.14	0.66	23.5	25	0.09	0.24	0.03	0.15	14.54	4.9	10	1.07	20.5
3319	Soil	0.014	0.08	1.64	70.3	33	0.27	0.48	0.02	0.09	31.44	13.4	25	1.25	33.7
3320	Soil	0.011	0.11	1.26	50.0	22	0.21	0.45	0.01	0.12	22.88	12.1	21	1.09	35.6
3321	Soil	<0.005	0.07	1.81	19.4	28	0.26	0.58	0.01	0.07	27.28	14.2	29	2.24	44.6
3322	Soil	<0.005	0.10	1.07	36.3	27	0.21	0.39	0.01	0.05	22.70	6.6	17	1.20	26.9
3323	Soil	0.009	0.10	1.50	70.1	26	0.31	0.48	0.01	0.08	34.01	12.2	25	1.61	35.7
3324	Soil	0.009	0.11	1.38	30.4	16	0.18	0.45	0.01	0.05	30.32	8.6	23	1.86	28.1
3325	Soil	<0.005	0.05	1.23	17.3	17	0.14	0.48	0.01	0.05	25.77	7.2	20	1.58	27.0
3326	Soil	0.006	0.13	1.04	29.6	15	0.15	0.44	0.01	0.10	17.68	5.4	20	1.63	20.8
3327	Soil	0.006	0.16	1.30	26.3	13	0.12	0.51	<0.01	0.06	23.17	7.2	22	2.05	31.4
3328	Soil	0.009	0.12	0.69	12.5	12	0.08	0.29	0.01	0.04	20.50	4.6	12	2.08	22.4
3329	Soil	0.006	0.12	0.92	4.8	10	0.15	0.27	0.04	0.07	16.38	6.6	17	2.20	25.4
3330	Soil	<0.005	0.12	0.16	3.8	9	<0.05	0.04	0.02	0.06	2.07	0.7	4	0.37	3.3
4299	Soil	0.007	0.12	1.71	7.3	42	0.65	0.31	0.58	0.11	12.99	16.0	42	0.59	78.3
4300	Soil	0.011	0.10	0.81	11.6	28	0.13	0.24	0.03	0.06	9.08	5.7	15	0.73	13.5
4301	Soil	0.007	0.08	1.82	17.7	30	0.59	0.46	0.46	0.09	15.53	14.9	34	1.06	46.5
4302	Soil	0.006	0.07	1.24	25.6	18	0.14	0.36	0.03	0.11	14.13	9.9	25	0.85	20.6
4303	Soil	0.007	0.08	1.49	27.1	17	0.20	0.37	0.04	0.07	19.30	10.4	32	0.75	23.3

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Certificate of Analysis

11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4304	Soil	0.006	0.10	1.37	19.2	35	0.19	0.42	0.05	0.05	15.90	6.2	22	1.12	14.9
4305	Soil	0.007	0.33	1.23	16.1	58	0.20	0.52	0.02	0.11	14.04	13.0	23	1.14	27.3
4306	Soil	0.008	0.15	1.61	26.1	17	0.11	0.40	0.01	0.06	18.20	7.9	26	0.86	16.9
4307	Soil	0.010	0.07	1.70	29.7	24	0.24	0.55	0.02	0.09	22.02	15.6	27	1.46	36.5
4308	Soil	0.011	0.19	1.26	39.7	23	0.24	0.59	0.01	0.08	19.11	11.5	20	1.74	31.9
4309	Soil	0.011	0.09	0.96	33.1	20	0.15	0.41	0.02	0.05	20.92	6.8	14	1.48	20.2
4310	Soil	0.010	0.10	1.23	37.0	28	0.18	0.46	0.02	0.08	25.75	10.0	21	1.63	27.9
4311	Soil	0.010	0.09	1.17	34.9	38	0.25	0.62	0.02	0.10	31.10	9.9	20	2.17	28.4
4312	Soil	0.010	0.12	0.98	28.9	29	0.24	0.36	0.03	0.10	21.12	11.6	13	1.16	22.0
4313	Soil	0.011	0.20	1.56	43.4	29	0.18	0.64	0.01	0.05	34.42	14.0	23	1.34	27.3
4314	Soil	0.008	0.19	1.13	31.1	26	0.15	0.39	0.01	0.09	19.89	10.1	18	1.61	27.4
4315	Soil	0.009	0.13	1.62	77.1	22	0.28	0.53	0.02	0.13	19.97	16.4	24	3.09	34.4
4316	Soil	0.084	0.22	1.60	78.9	54	1.03	0.69	1.85	0.14	40.47	19.8	17	0.76	48.8
4317	Soil	0.010	0.06	1.91	71.7	26	0.36	0.48	0.03	0.09	24.09	25.9	26	2.61	45.4
4318	Soil	0.057	0.75	1.23	109.8	49	0.81	0.69	0.05	1.24	28.45	23.0	17	1.92	45.3
4319	Soil	0.056	0.70	1.60	192.3	35	0.48	0.55	0.01	0.37	28.82	14.6	19	1.47	54.0
4320	Soil	0.066	0.27	0.58	338.7	26	0.50	0.60	0.02	0.22	41.68	27.2	12	2.02	59.4
4321	Soil	0.032	0.12	0.41	206.9	25	0.23	0.39	<0.01	0.24	23.87	11.5	10	1.51	41.2
4322	Soil	0.076	0.23	0.84	1274.4	41	0.18	0.34	0.01	1.38	21.49	5.6	10	1.84	46.4
4323	Soil	0.032	0.40	0.40	284.5	27	0.27	0.34	0.02	0.27	10.74	11.1	8	1.24	42.8
4324	Soil	0.083	0.35	0.21	254.2	19	0.08	0.20	0.02	0.46	6.33	4.4	7	0.95	14.9
4395	Soil	0.435	0.41	0.41	804.2	41	0.20	0.39	0.01	0.73	11.52	6.0	7	1.15	28.9
4396	Soil	0.075	0.21	0.38	399.4	28	0.20	0.36	0.01	0.56	19.51	14.3	10	1.33	44.8
4397	Soil	0.436	0.48	0.23	872.2	41	0.19	0.87	<0.01	0.32	34.31	14.8	8	2.92	39.3
4398	Soil	0.036	0.36	0.28	260.7	22	0.15	0.35	0.01	0.76	17.15	9.3	9	0.98	25.5
4399	Soil	0.105	0.20	0.16	351.9	23	0.09	0.32	0.02	0.18	15.28	6.1	6	0.77	19.8
4400	Soil	0.029	0.16	0.80	163.8	21	0.22	0.37	0.02	0.19	16.75	9.7	17	0.92	27.8
4401	Soil	0.008	0.30	0.48	47.9	16	0.17	0.12	0.15	1.06	7.03	3.5	4	0.87	6.7
4402	Soil	0.016	0.24	0.23	202.5	10	0.06	0.32	<0.01	0.09	10.01	4.4	4	0.54	16.5
4403	Soil	0.015	0.33	1.00	162.3	27	0.35	0.44	0.02	0.74	15.48	13.3	21	1.72	35.3
4404	Soil	0.026	0.31	1.11	128.8	27	0.29	0.49	<0.01	0.49	18.31	13.6	18	2.19	38.2
7365	Soil	0.027	0.13	1.97	223.7	27	0.26	0.38	0.02	0.14	19.35	13.1	35	1.33	33.2
7366	Soil	0.012	0.13	1.01	96.7	27	0.21	0.20	0.05	0.07	14.01	5.0	12	0.92	17.4
7367	Soil	<0.005	0.06	0.33	20.5	12	<0.05	0.04	0.02	0.04	2.86	1.4	2	0.19	3.7
7368	Soil	0.025	0.37	1.35	341.9	46	0.42	0.44	0.03	0.25	21.38	12.9	22	1.12	33.7
7369	Soil	<0.005	0.07	0.34	44.5	21	0.07	0.13	0.02	0.10	7.39	2.6	10	0.78	8.9
7370	Soil	0.013	0.20	1.52	117.5	39	0.21	0.41	0.02	0.11	24.52	8.1	27	2.04	28.6
7371	Soil	0.006	0.08	0.65	57.4	35	0.11	0.26	0.01	0.09	12.30	5.2	13	1.04	15.7
7372	Soil	0.006	0.08	0.52	70.1	31	0.08	0.25	0.01	0.09	11.02	3.7	12	1.51	13.2
7373	Soil	<0.005	0.05	0.78	97.2	29	0.10	0.39	0.01	0.07	17.06	5.0	18	1.17	17.9

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7374	Soil	0.011	0.11	1.25	89.9	70	0.23	0.31	0.01	0.10	13.89	15.0	20	1.37	21.0
7375	Soil	<0.005	0.09	0.32	7.2	18	0.07	0.07	0.02	0.07	4.23	1.6	4	0.46	6.0
7376	Soil	<0.005	0.10	0.76	32.7	33	0.19	0.16	0.05	0.10	6.51	6.7	12	0.96	19.3
7377	Soil	0.006	0.10	1.11	47.1	15	0.21	0.38	0.02	0.10	15.30	11.5	20	1.63	39.1
7378	Soil	<0.005	0.15	0.89	20.4	19	0.12	0.21	<0.01	0.07	9.95	4.6	17	1.08	15.4
7379	Soil	0.010	0.26	1.67	141.4	23	0.38	0.41	0.19	0.06	15.07	11.4	29	2.94	39.3
7380	Soil	0.006	0.15	1.10	258.5	58	0.36	0.36	0.20	0.71	9.14	9.5	17	3.55	33.1
7381	Soil	0.010	0.23	0.78	84.5	34	0.15	0.32	<0.01	0.17	15.29	6.9	16	1.32	25.0
7389	Soil	0.007	0.09	1.35	12.3	29	0.49	0.26	0.60	0.11	14.44	15.0	30	0.42	48.6
7390	Soil	0.007	0.05	1.86	6.5	34	0.74	0.34	0.52	0.04	11.31	12.0	32	0.41	132.3
7391	Soil	0.005	0.21	1.32	8.1	69	1.16	0.22	0.89	0.30	11.71	6.3	9	2.29	96.7
7392	Soil	0.007	0.10	1.49	10.0	33	0.38	0.32	0.70	0.07	10.68	10.7	27	0.56	34.5
7393	Soil	0.006	0.11	1.08	27.8	35	0.31	0.40	0.84	0.10	8.92	8.2	17	0.62	25.6
7394	Soil	0.010	0.07	1.44	42.5	16	0.17	0.42	0.05	0.10	13.80	10.3	29	0.95	24.1
7395	Soil	0.007	0.10	1.45	38.2	41	0.42	0.86	0.33	0.13	23.78	27.9	21	1.59	69.4
7396	Soil	0.019	0.21	1.16	74.5	85	0.63	1.04	0.38	0.27	20.48	52.5	23	1.90	96.8
7397	Soil	0.007	0.06	1.71	35.0	25	0.45	0.75	0.29	0.16	16.77	26.7	28	1.83	75.8
7398	Soil	0.006	0.12	2.01	35.6	43	0.52	0.78	0.17	0.17	39.19	34.5	30	1.88	76.9
7399	Soil	0.008	0.02	1.25	25.2	17	0.25	0.75	0.03	0.10	17.77	16.8	25	1.23	43.3
7400	Soil	0.006	0.13	0.91	20.2	35	0.13	0.46	0.01	0.09	22.64	5.3	17	2.75	17.2
7401	Soil	0.006	0.07	1.42	37.0	32	0.15	0.61	0.02	0.13	23.41	11.0	28	1.42	25.3
7402	Soil	0.007	0.07	0.77	22.6	33	0.10	0.47	<0.01	0.05	25.03	5.2	13	2.44	17.1
7403	Soil	0.011	0.17	1.83	45.0	28	0.25	0.55	0.01	0.17	29.53	16.0	28	2.04	31.7
7404	Soil	0.010	0.18	1.95	41.1	49	0.51	0.52	0.03	0.26	31.49	17.9	26	2.25	31.6
7405	Soil	0.011	0.16	1.63	25.2	28	0.18	0.50	0.02	0.13	28.43	9.8	29	1.89	24.9
7406	Soil	0.009	0.08	1.46	43.8	24	0.13	0.63	0.02	0.20	35.01	16.2	22	2.30	32.7
7407	Soil	0.018	0.10	1.75	92.9	30	0.47	0.46	0.07	0.15	38.80	17.8	30	1.60	50.9
7408	Soil	0.032	0.08	1.85	152.1	19	0.70	1.11	0.02	0.10	32.70	31.0	33	3.09	132.8
7409	Soil	0.012	0.06	0.86	18.6	16	0.12	0.19	0.02	0.07	11.22	2.8	12	1.06	14.6
7410	Soil	0.015	0.11	1.41	61.1	18	0.37	0.42	0.04	0.08	22.22	12.3	20	2.80	51.4
7411	Soil	0.015	0.08	1.06	92.7	34	0.38	0.41	0.03	0.09	45.73	14.0	20	1.95	42.1
7412	Soil	0.019	0.13	0.29	65.0	28	0.23	0.43	0.02	0.10	33.18	20.6	13	1.29	44.3
7413	Soil	0.026	0.06	1.10	64.8	32	0.32	0.25	0.06	0.15	31.96	14.3	16	0.84	25.8
7414	Soil	0.013	0.07	1.05	92.7	38	0.16	0.41	0.03	0.09	32.64	4.7	16	1.21	17.9
7415	Soil	0.046	0.04	0.19	221.8	16	0.15	0.35	0.02	0.13	19.02	9.4	10	1.62	35.6
7416	Soil	0.237	0.19	0.25	274.0	22	0.07	0.22	0.01	0.27	26.98	3.7	9	1.12	12.3
7417	Soil	0.080	0.13	0.27	220.5	28	0.09	0.20	0.02	0.27	25.11	3.0	11	1.32	11.5
7418	Soil	0.075	0.38	0.57	883.3	32	0.12	0.22	0.05	0.59	15.32	3.2	10	1.04	21.9
7419	Soil	0.025	0.31	0.52	108.4	26	0.22	0.36	0.05	0.35	12.74	7.7	14	2.80	25.3
7420	Soil	0.135	0.39	0.35	575.3	27	0.21	0.45	<0.01	0.38	28.48	11.0	12	1.24	37.4

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7421	Soil	0.062	0.23	1.17	180.4	37	0.27	0.38	0.03	0.20	22.83	8.2	23	1.41	27.7
7422	Soil	<0.005	0.43	0.12	6.3	21	<0.05	0.03	0.04	0.34	4.75	0.9	4	0.29	2.7
7423	Soil	0.017	0.34	0.41	331.8	33	0.13	0.47	0.04	0.40	27.12	8.3	17	1.24	31.3
7424	Soil	0.020	0.88	0.32	302.4	27	0.09	0.30	0.02	0.85	14.06	3.8	20	1.14	14.5
7425	Soil	0.015	0.44	1.21	72.9	28	0.34	0.43	0.02	0.78	16.56	13.2	20	1.48	41.7
7426	Soil	0.065	0.33	0.22	328.2	18	0.06	0.27	<0.01	0.71	15.05	3.3	9	1.14	16.1
7427	Soil	<0.005	0.06	2.21	8.4	35	0.19	0.33	0.39	0.05	28.75	15.4	40	0.78	18.3
7428	Soil	<0.005	0.06	1.91	7.3	34	0.22	0.29	0.57	0.06	21.02	11.9	32	0.61	16.4
7429	Soil	<0.005	0.09	0.58	1.0	38	0.12	0.16	0.03	0.04	8.21	3.9	8	0.59	6.6
7430	Soil	0.006	0.07	1.58	24.5	30	0.37	0.47	0.07	0.10	24.60	15.4	26	0.96	30.2
4426	Soil	0.007	0.16	0.99	8.5	57	0.22	0.26	0.04	0.48	13.74	6.7	24	0.54	15.7
4427	Soil	<0.005	0.09	1.06	8.1	28	0.19	0.30	0.01	0.08	21.96	5.9	15	0.59	15.9
4428	Soil	<0.005	0.23	1.13	10.7	68	0.21	0.33	0.03	0.16	16.23	11.8	19	0.63	22.6
4429	Soil	0.006	0.29	1.24	13.2	36	0.19	0.39	0.02	0.13	23.70	7.9	25	0.66	23.6
4430	Soil	0.005	0.10	1.27	11.5	32	0.27	0.35	0.07	0.18	19.81	10.2	45	0.47	24.8
4431	Soil	0.006	0.08	1.36	28.5	48	0.63	0.23	0.37	0.12	15.78	8.7	29	2.35	30.9
4432	Soil	0.006	0.10	0.79	7.3	27	0.15	0.19	0.02	0.14	14.07	4.2	18	0.66	12.1
4433	Soil	0.007	0.08	0.97	15.6	17	0.15	0.22	0.03	0.09	17.63	5.9	16	0.49	15.7
4434	Soil	0.018	0.22	1.06	82.0	34	0.10	0.44	0.02	0.09	22.35	8.9	23	1.12	20.0
4435	Soil	<0.005	0.04	1.61	17.3	26	0.15	0.36	0.06	0.10	20.35	11.1	29	0.74	24.3
4436	Soil	0.005	0.05	1.67	23.4	32	0.18	0.45	0.01	0.07	20.39	11.3	30	1.29	22.3
4437	Soil	0.006	0.08	1.50	21.9	19	0.11	0.42	0.01	0.10	18.17	9.1	37	0.83	18.9
4438	Soil	<0.005	0.07	0.45	2.9	22	0.09	0.06	0.07	0.15	4.34	1.3	9	0.21	4.5
4439	Soil	0.007	0.08	1.74	21.7	28	0.19	0.45	0.02	0.15	18.21	6.8	28	1.64	18.9
4440	Soil	0.006	0.09	2.15	14.7	17	0.20	0.40	0.03	0.07	11.10	12.8	34	1.67	28.2
4441	Soil	<0.005	0.05	2.02	18.4	22	0.15	0.55	<0.01	0.07	11.71	9.7	35	1.64	24.2
4442	Soil	0.006	0.04	1.90	11.7	24	0.19	0.31	0.02	0.08	9.02	8.0	25	0.82	21.5
4443	Soil	0.026	0.06	0.93	124.4	34	0.17	0.59	0.01	0.12	24.25	11.0	18	1.84	30.8
4444	Soil	0.018	0.12	1.06	48.1	30	0.19	0.38	0.01	0.14	16.41	11.7	21	1.17	31.9
4445	Soil	0.006	0.13	1.63	14.1	78	0.41	0.33	0.17	0.36	11.02	12.6	23	2.63	20.5
4446	Soil	<0.005	0.08	1.21	18.7	67	0.26	0.26	0.12	0.22	10.43	9.6	16	1.37	13.2
4447	Soil	0.014	0.11	1.30	53.5	43	0.50	0.52	0.15	0.22	12.67	16.8	18	1.17	26.2
4448	Soil	0.018	0.15	0.75	43.1	58	0.30	0.28	0.57	0.22	10.15	6.5	8	1.21	17.1
4449	Soil	0.051	0.19	1.60	80.9	28	0.43	0.50	0.73	0.09	14.74	15.0	24	1.24	39.4
4450	Soil	0.007	0.07	1.47	27.2	34	0.36	0.38	0.27	0.13	15.91	16.3	21	1.07	38.9
4451	Soil	0.007	0.12	1.52	51.0	35	0.21	0.32	0.14	0.14	13.40	10.0	26	0.72	29.4
4452	Soil	0.055	0.16	0.19	89.2	16	0.07	0.26	<0.01	0.08	8.30	4.5	6	0.96	17.3
4453	Soil	0.119	0.31	0.26	481.7	12	0.08	0.29	<0.01	0.22	20.85	6.2	7	0.92	26.5
4454	Soil	0.087	0.64	0.58	1262.5	32	0.18	0.70	<0.01	0.60	20.32	3.4	10	3.62	27.8
4455	Soil	0.151	0.68	0.36	1173.6	42	0.14	0.51	0.02	0.43	14.50	9.6	9	3.20	34.8

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4456	Soil	0.191	0.73	0.23	2200.8	61	0.12	0.46	<0.01	0.28	14.31	6.8	6	1.70	28.3
4457	Soil	0.335	0.28	0.22	2330.3	43	0.07	0.53	<0.01	0.21	17.38	6.9	6	0.88	22.2
4458	Soil	0.038	0.13	0.22	254.3	15	0.13	0.35	<0.01	0.19	17.66	8.2	13	1.17	27.1
4459	Soil	0.115	0.08	0.26	313.4	13	0.14	0.48	<0.01	0.30	22.69	10.2	16	0.90	39.4
4460	Soil	0.022	0.72	0.97	209.1	33	0.18	0.32	0.10	0.16	15.84	11.4	23	0.92	26.1
4461	Soil	0.005	0.12	0.14	4.5	12	<0.05	0.02	0.03	0.09	1.34	0.6	8	0.10	1.2
4462	Soil	0.060	0.27	0.19	632.0	14	0.08	0.29	0.01	0.60	15.71	5.7	15	0.60	28.9
4463	Soil	0.025	0.29	1.82	85.5	21	0.22	0.50	0.03	0.15	19.52	10.1	29	2.01	27.9
4464	Soil	0.017	0.34	1.33	59.4	20	0.16	0.37	0.02	0.13	13.93	7.2	22	1.76	20.2
4037	Soil	0.034	0.10	0.38	63.5	18	0.17	0.34	<0.01	0.05	11.27	8.5	10	1.19	28.2
4038	Soil	0.021	0.12	0.39	70.4	21	0.18	0.37	<0.01	0.04	13.11	9.0	9	1.02	26.2
4039	Soil	0.007	0.25	0.17	18.0	12	<0.05	0.06	0.02	0.05	4.31	1.6	3	0.37	6.2
4040	Soil	0.016	0.46	0.31	434.7	21	0.12	0.51	<0.01	0.11	9.03	9.9	11	1.42	29.2
4041	Soil	0.038	0.06	0.32	367.3	18	0.16	0.51	0.01	0.09	10.06	10.1	10	1.21	30.4
4042	Soil	0.007	0.11	1.51	34.9	16	0.17	0.34	0.06	0.09	14.21	9.3	26	0.98	29.5
4043	Soil	0.008	0.19	1.59	37.8	21	0.16	0.39	0.03	0.17	12.36	11.8	30	0.86	30.7
4044	Soil	0.046	0.44	0.25	174.4	11	0.07	0.24	<0.01	0.13	6.65	4.3	4	0.84	13.3
4045	Soil	<0.005	0.10	1.15	16.3	30	0.14	0.45	0.03	0.06	12.73	8.5	18	0.59	22.4
4046	Soil	<0.005	0.12	1.47	10.3	47	0.42	0.50	0.08	0.10	12.31	18.1	21	0.49	50.0
4047	Soil	<0.005	0.10	0.36	2.3	21	0.08	0.11	0.04	0.08	4.10	1.4	6	0.28	5.2
4048	Soil	<0.005	0.11	0.77	11.6	34	0.11	0.18	0.02	0.08	8.62	3.0	9	0.33	7.9
4049	Soil	0.005	0.12	1.43	31.3	35	0.37	0.45	0.11	0.29	14.61	18.3	24	0.48	31.8
4050	Soil	0.007	0.07	0.71	28.7	28	0.11	0.41	0.05	0.08	14.13	5.0	12	0.46	15.5
4051	Soil	<0.005	0.13	1.01	27.3	33	0.15	0.35	0.02	0.08	15.49	6.4	20	0.49	18.5
4052	Soil	<0.005	0.11	1.01	15.9	27	0.13	0.41	0.02	0.16	16.37	8.1	28	0.58	19.1
4053	Soil	0.005	0.03	1.20	21.7	36	0.24	0.32	0.22	0.10	10.57	9.2	32	1.19	16.3
4054	Soil	<0.005	0.06	0.47	17.2	39	0.07	0.37	0.02	0.12	12.86	7.4	17	1.03	15.1
4055	Soil	0.007	0.12	1.23	16.3	19	0.21	0.25	0.04	0.10	17.05	10.5	27	0.42	24.9
4056	Soil	0.007	0.08	0.89	20.1	33	0.12	0.26	0.02	0.08	12.12	6.9	17	0.57	16.5
4057	Soil	0.006	0.13	0.93	17.0	18	0.11	0.25	0.01	0.09	10.46	6.7	21	0.57	14.1
4058	Soil	<0.005	0.19	1.44	39.6	49	0.14	0.45	0.02	0.12	20.30	10.3	27	1.31	22.6
4059	Soil	0.016	0.08	1.05	28.1	20	0.10	0.33	0.01	0.07	13.89	7.2	24	0.74	18.4
4060	Soil	<0.005	0.06	1.65	20.5	26	0.13	0.40	<0.01	0.07	9.72	9.5	31	1.42	19.2
4061	Soil	<0.005	0.12	1.11	12.8	17	0.14	0.25	0.02	0.05	4.94	5.6	15	1.06	15.2
4062	Soil	0.005	0.09	1.04	17.0	28	0.12	0.27	0.02	0.07	10.40	5.2	20	1.16	15.7
4063	Soil	0.017	0.24	1.09	24.2	43	0.16	0.34	0.01	0.10	12.04	8.3	19	1.79	25.5
4064	Soil	0.007	0.09	0.85	35.0	30	0.16	0.30	<0.01	0.09	9.70	5.7	14	1.25	18.0

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3415	Soil	2.94	5.08	<0.05	0.33	0.01	0.02	8.2	33.4	0.42	544	0.79	<0.01	0.34	22.8
3416	Soil	4.60	7.11	<0.05	0.12	0.02	0.04	10.7	29.5	0.42	1834	1.32	<0.01	0.48	25.3
3417	Soil	3.11	5.42	<0.05	0.13	0.01	0.02	10.4	21.9	0.31	1038	0.77	<0.01	0.30	17.9
3418	Soil	4.13	6.81	<0.05	0.13	0.02	0.04	11.6	23.1	0.33	932	1.48	<0.01	0.45	23.7
3419	Soil	3.69	7.40	<0.05	0.06	0.01	0.04	10.0	16.4	0.22	923	1.05	<0.01	0.37	15.0
3420	Soil	2.27	2.94	<0.05	0.03	0.02	0.03	13.1	8.2	0.11	219	1.12	<0.01	0.15	17.2
3421	Soil	1.34	2.37	<0.05	0.04	0.01	0.02	5.9	9.7	0.11	300	0.61	0.01	0.14	9.2
3422	Soil	3.15	3.65	<0.05	0.03	0.02	0.04	7.8	11.0	0.16	338	1.24	<0.01	0.20	26.1
3423	Soil	3.57	3.57	<0.05	0.02	0.02	0.03	9.9	9.2	0.13	279	1.13	<0.01	0.22	23.2
3424	Soil	3.56	5.24	<0.05	0.17	0.02	0.02	9.7	46.7	0.64	895	0.93	<0.01	0.07	35.3
3425	Soil	3.50	5.24	<0.05	0.11	0.02	0.02	11.1	50.1	0.70	481	0.63	<0.01	0.07	34.2
3426	Soil	4.10	5.09	<0.05	0.05	0.02	0.02	12.1	17.4	0.24	519	1.05	<0.01	0.47	21.6
3427	Soil	3.78	5.65	<0.05	0.02	0.03	0.03	17.2	13.7	0.21	680	1.07	<0.01	0.34	25.3
3428	Soil	5.10	4.86	<0.05	0.06	0.03	0.02	15.4	29.9	0.37	508	0.98	<0.01	0.48	32.8
3429	Soil	4.06	6.84	<0.05	0.05	0.03	0.03	16.0	31.7	0.39	686	1.03	<0.01	0.45	26.3
3430	Soil	2.48	5.08	<0.05	0.03	0.03	0.02	15.0	7.1	0.12	187	0.89	<0.01	0.30	12.9
3431	Soil	2.29	7.03	<0.05	0.02	0.01	0.03	18.5	13.2	0.20	337	0.94	<0.01	0.55	10.2
3432	Soil	2.97	5.08	<0.05	0.21	0.02	0.03	9.7	45.2	0.70	601	1.95	<0.01	0.18	34.7
3433	Soil	2.98	4.43	<0.05	0.06	0.01	0.03	9.8	32.1	0.49	350	0.73	<0.01	0.26	22.9
3434	Soil	3.70	5.29	0.05	0.04	0.01	0.02	13.2	60.2	0.95	541	0.51	<0.01	0.05	44.3
3435	Soil	3.35	6.47	<0.05	0.06	0.01	0.02	7.8	46.8	0.72	389	0.73	<0.01	0.20	31.0
3317	Soil	2.62	4.94	<0.05	0.06	0.02	0.02	10.5	12.7	0.19	969	0.88	<0.01	0.27	16.5
3318	Soil	1.75	3.59	<0.05	0.03	0.01	0.02	7.9	9.3	0.13	352	0.72	0.01	0.16	10.2
3319	Soil	4.14	6.62	<0.05	0.05	0.03	0.02	15.5	32.3	0.41	787	1.16	<0.01	0.56	27.1
3320	Soil	3.66	5.04	<0.05	0.06	0.02	0.02	12.2	24.0	0.30	792	1.02	<0.01	0.33	22.1
3321	Soil	4.24	7.65	<0.05	0.10	0.02	0.03	15.1	34.7	0.43	812	1.00	<0.01	0.44	23.9
3322	Soil	2.41	5.63	<0.05	0.03	0.02	0.02	12.2	16.1	0.22	283	0.95	<0.01	0.34	13.2
3323	Soil	3.50	6.92	<0.05	0.03	0.03	0.03	17.2	32.2	0.43	399	1.13	<0.01	0.45	26.6
3324	Soil	3.33	6.39	<0.05	0.04	0.02	0.03	16.9	30.0	0.36	321	1.00	<0.01	0.34	20.7
3325	Soil	3.26	5.33	<0.05	0.04	0.02	0.02	14.5	29.1	0.35	275	0.92	<0.01	0.24	19.5
3326	Soil	2.52	4.55	<0.05	0.05	0.01	0.02	10.4	28.6	0.35	255	1.26	0.01	0.18	19.1
3327	Soil	3.29	5.44	<0.05	0.07	0.01	0.02	13.6	30.7	0.38	302	0.97	<0.01	0.25	20.5
3328	Soil	2.09	4.04	<0.05	0.05	0.01	0.02	11.7	11.3	0.15	149	0.60	<0.01	0.27	9.1
3329	Soil	2.08	3.45	<0.05	0.09	0.01	0.02	9.6	25.4	0.31	216	0.87	0.01	0.11	16.1
3330	Soil	0.36	0.66	<0.05	0.82	<0.01	0.01	1.2	1.0	0.02	16	0.45	0.01	0.13	2.2
4299	Soil	2.98	5.10	<0.05	0.30	0.01	0.02	6.3	61.2	1.00	581	1.91	<0.01	0.14	42.8
4300	Soil	2.05	4.52	<0.05	0.08	<0.01	0.02	4.4	18.7	0.26	537	0.84	<0.01	0.14	15.0
4301	Soil	3.22	5.66	<0.05	0.36	0.02	0.03	7.7	51.4	0.73	762	1.20	<0.01	0.24	33.9
4302	Soil	3.14	5.20	<0.05	0.07	0.01	0.02	6.4	29.4	0.37	440	1.05	<0.01	0.32	23.0
4303	Soil	3.57	5.62	<0.05	0.08	0.02	0.02	9.7	38.0	0.51	336	0.85	<0.01	0.32	30.9

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4304	Soil	3.60	6.80	<0.05	0.05	0.01	0.02	7.4	27.3	0.37	307	0.77	<0.01	0.38	17.9
4305	Soil	3.53	7.23	<0.05	0.08	0.01	0.03	7.1	17.8	0.26	3756	1.59	<0.01	0.21	16.9
4306	Soil	3.85	7.49	<0.05	0.09	0.01	0.02	9.5	36.3	0.47	438	0.82	<0.01	0.38	23.9
4307	Soil	3.65	5.91	<0.05	0.09	0.03	0.02	12.2	48.6	0.56	616	0.87	<0.01	0.34	32.5
4308	Soil	3.77	5.59	<0.05	0.11	0.02	0.02	10.6	27.4	0.31	1048	0.80	<0.01	0.28	20.6
4309	Soil	2.67	5.18	<0.05	0.12	0.02	0.02	11.7	19.7	0.23	418	0.76	<0.01	0.20	14.6
4310	Soil	3.29	5.83	<0.05	0.07	0.02	0.03	14.6	24.1	0.29	643	0.98	<0.01	0.34	19.4
4311	Soil	3.09	5.65	<0.05	0.04	0.03	0.03	17.1	20.7	0.26	790	1.19	<0.01	0.42	17.8
4312	Soil	2.83	4.65	<0.05	0.05	0.02	0.02	10.7	18.7	0.23	1300	0.74	<0.01	0.17	16.7
4313	Soil	4.26	7.09	<0.05	0.07	0.02	0.02	19.0	34.8	0.43	717	0.81	<0.01	0.35	26.6
4314	Soil	2.65	4.86	<0.05	0.12	0.02	0.03	11.4	25.4	0.31	699	0.84	<0.01	0.23	20.1
4315	Soil	4.10	7.09	<0.05	0.12	0.03	0.03	11.0	27.4	0.32	838	1.02	<0.01	0.46	23.8
4316	Soil	4.40	3.86	0.06	0.23	0.06	0.01	20.5	35.8	0.37	2104	1.00	<0.01	0.14	43.5
4317	Soil	4.01	6.98	<0.05	0.08	0.03	0.02	13.7	46.8	0.51	936	1.06	<0.01	0.48	30.1
4318	Soil	3.98	4.73	<0.05	0.09	0.12	0.03	14.2	21.7	0.26	2199	1.10	<0.01	0.29	33.1
4319	Soil	4.56	6.10	0.06	0.04	0.10	0.04	16.0	28.5	0.38	365	1.26	<0.01	0.50	29.8
4320	Soil	3.26	2.24	0.06	0.02	0.02	0.04	25.2	10.8	0.14	400	1.15	<0.01	0.12	47.5
4321	Soil	1.82	1.86	<0.05	0.02	0.02	0.03	14.9	6.1	0.08	283	0.92	<0.01	<0.05	22.4
4322	Soil	3.29	3.97	<0.05	0.02	0.04	0.04	11.2	5.5	0.08	122	1.14	<0.01	0.41	14.8
4323	Soil	1.63	2.34	<0.05	<0.02	0.01	0.03	6.2	1.5	0.02	254	0.77	<0.01	0.23	19.9
4324	Soil	0.99	1.73	<0.05	0.03	0.01	0.03	3.6	0.3	0.01	55	1.02	<0.01	0.15	10.4
4395	Soil	1.80	2.16	<0.05	<0.02	0.02	0.04	6.4	1.5	0.02	106	0.92	<0.01	0.20	13.8
4396	Soil	2.41	2.07	<0.05	0.05	0.02	0.04	12.4	4.9	0.07	326	0.81	<0.01	0.08	28.0
4397	Soil	3.49	1.76	<0.05	0.03	0.04	0.04	18.4	1.7	0.02	322	1.90	<0.01	0.08	25.6
4398	Soil	1.86	2.01	<0.05	0.02	0.04	0.03	8.9	0.7	0.02	164	1.18	<0.01	0.09	19.2
4399	Soil	1.77	1.40	<0.05	<0.02	0.01	0.03	8.6	0.6	0.01	144	1.04	0.01	<0.05	12.5
4400	Soil	2.79	3.08	<0.05	0.04	0.02	0.03	9.3	18.7	0.24	379	1.06	<0.01	0.12	24.2
4401	Soil	0.79	2.76	<0.05	0.04	0.01	0.02	3.4	6.2	0.11	232	0.50	0.02	0.22	4.9
4402	Soil	1.38	3.00	<0.05	0.98	<0.01	0.01	5.2	0.8	0.02	84	0.63	<0.01	0.19	9.7
4403	Soil	3.29	4.00	<0.05	0.23	0.02	0.02	8.2	19.1	0.25	521	1.29	<0.01	0.38	28.3
4404	Soil	3.48	5.11	<0.05	0.11	0.02	0.02	10.4	19.5	0.24	688	0.84	<0.01	0.31	23.9
7365	Soil	4.22	6.69	<0.05	0.18	0.02	0.03	9.2	37.9	0.52	1015	1.27	<0.01	0.45	30.3
7366	Soil	1.98	4.11	<0.05	0.11	0.01	0.02	6.8	13.2	0.20	441	0.75	0.01	0.31	10.8
7367	Soil	0.43	1.88	<0.05	0.10	<0.01	0.01	1.5	1.4	0.03	222	0.37	0.01	0.12	1.7
7368	Soil	3.79	6.32	<0.05	0.11	0.02	0.03	10.5	14.8	0.24	1228	1.33	<0.01	0.41	17.5
7369	Soil	1.12	2.21	<0.05	0.05	<0.01	0.02	3.9	2.6	0.04	380	1.02	0.01	0.12	6.7
7370	Soil	4.06	7.43	<0.05	0.04	0.02	0.03	12.3	18.4	0.27	515	1.55	<0.01	0.53	19.2
7371	Soil	2.06	4.38	<0.05	0.03	<0.01	0.02	6.1	6.4	0.12	620	1.07	<0.01	0.20	10.1
7372	Soil	1.81	4.21	<0.05	0.03	<0.01	0.02	5.7	4.4	0.08	408	1.12	<0.01	0.15	7.9
7373	Soil	2.97	6.18	<0.05	0.11	0.01	0.02	8.6	12.3	0.19	296	1.15	<0.01	0.24	12.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7374	Soil	2.98	5.90	<0.05	0.08	0.02	0.02	6.6	23.5	0.31	3416	0.89	<0.01	0.21	17.1
7375	Soil	0.53	1.69	<0.05	0.08	<0.01	0.02	2.2	1.6	0.03	171	0.61	0.01	0.13	3.1
7376	Soil	1.90	3.46	<0.05	0.06	<0.01	0.03	3.5	11.0	0.17	1038	0.74	0.01	0.18	11.2
7377	Soil	3.28	4.67	<0.05	0.06	0.02	0.02	8.0	20.8	0.29	726	1.29	<0.01	0.26	22.2
7378	Soil	2.37	4.18	<0.05	0.04	0.01	0.02	5.0	11.7	0.19	333	1.08	<0.01	0.19	12.5
7379	Soil	2.93	5.45	<0.05	0.23	0.02	0.03	6.0	41.5	0.53	413	0.89	<0.01	0.24	30.1
7380	Soil	2.28	4.01	<0.05	0.22	0.02	0.03	4.2	14.2	0.23	986	1.09	<0.01	0.45	16.2
7381	Soil	2.89	5.35	<0.05	0.02	0.02	0.02	8.0	8.0	0.13	751	1.00	<0.01	0.23	11.4
7389	Soil	2.45	3.75	<0.05	0.23	0.02	0.02	6.7	37.1	0.69	330	1.03	<0.01	0.11	35.9
7390	Soil	3.02	5.31	<0.05	0.44	0.01	0.02	5.8	43.2	0.69	362	0.49	<0.01	0.13	31.9
7391	Soil	1.01	2.95	<0.05	0.27	0.01	0.04	7.3	9.7	0.11	1753	0.69	0.02	0.41	12.7
7392	Soil	2.52	4.15	<0.05	0.23	0.01	0.03	6.1	38.4	0.58	363	0.76	<0.01	0.23	29.0
7393	Soil	1.95	3.68	<0.05	0.18	0.01	0.02	4.4	25.0	0.33	221	0.94	<0.01	0.39	18.7
7394	Soil	3.28	5.98	<0.05	0.04	0.02	0.02	7.0	33.2	0.45	498	1.55	<0.01	0.36	28.5
7395	Soil	4.60	4.77	0.06	0.16	0.04	0.02	11.8	37.9	0.54	1735	1.14	<0.01	0.06	47.0
7396	Soil	5.32	3.16	0.05	0.24	0.05	0.04	11.3	21.8	0.33	2746	2.61	<0.01	0.07	65.7
7397	Soil	3.93	5.54	<0.05	0.24	0.03	0.03	8.2	42.1	0.56	1443	1.46	<0.01	0.14	41.8
7398	Soil	5.12	6.17	0.06	0.21	0.05	0.02	19.4	47.4	0.61	2727	1.25	<0.01	0.07	53.3
7399	Soil	3.41	5.19	<0.05	0.09	0.02	0.03	9.8	35.2	0.44	590	1.48	<0.01	0.19	32.0
7400	Soil	2.08	5.20	<0.05	0.06	0.02	0.03	13.0	14.5	0.20	507	1.02	<0.01	0.29	11.2
7401	Soil	4.30	7.56	<0.05	0.04	0.02	0.02	13.0	31.8	0.39	705	1.30	<0.01	0.42	25.0
7402	Soil	2.46	4.96	<0.05	0.03	0.01	0.02	14.0	9.2	0.13	472	0.98	<0.01	0.25	9.2
7403	Soil	4.40	6.66	0.05	0.96	0.03	0.02	16.1	40.6	0.48	962	1.01	<0.01	0.53	27.5
7404	Soil	4.45	6.81	0.05	0.29	0.04	0.03	15.5	33.6	0.35	1628	0.98	<0.01	0.55	23.7
7405	Soil	4.29	7.45	0.05	0.17	0.02	0.03	15.2	28.6	0.38	578	0.95	<0.01	0.59	21.1
7406	Soil	4.03	6.78	<0.05	0.16	0.02	0.02	19.8	33.9	0.39	1077	0.89	<0.01	0.28	24.9
7407	Soil	3.93	5.70	0.06	0.09	0.03	0.03	21.5	43.9	0.52	466	1.25	<0.01	0.38	40.0
7408	Soil	5.02	5.72	0.06	0.08	0.03	0.03	19.7	45.2	0.55	577	3.32	<0.01	0.18	39.6
7409	Soil	1.61	3.66	<0.05	0.19	<0.01	0.03	6.9	14.7	0.22	153	0.87	0.02	0.20	11.0
7410	Soil	3.42	5.07	0.06	0.07	0.02	0.03	12.8	33.1	0.39	478	1.07	0.01	0.24	26.5
7411	Soil	2.98	4.19	0.06	0.03	0.02	0.03	26.3	25.3	0.30	439	0.88	<0.01	0.22	30.9
7412	Soil	2.60	2.01	0.05	0.03	0.02	0.02	20.4	4.8	0.08	888	1.17	<0.01	0.11	35.8
7413	Soil	2.40	3.47	<0.05	0.08	0.02	0.03	15.3	21.4	0.32	611	0.81	<0.01	0.39	24.1
7414	Soil	2.53	7.82	<0.05	0.17	0.02	0.04	16.9	6.6	0.15	156	1.51	<0.01	1.05	10.3
7415	Soil	1.84	1.65	<0.05	0.05	0.01	0.04	11.5	0.7	0.02	112	0.96	<0.01	0.06	22.6
7416	Soil	0.84	2.51	<0.05	0.08	<0.01	0.03	13.8	0.6	0.02	54	1.35	0.01	0.14	9.5
7417	Soil	0.92	2.07	<0.05	0.06	<0.01	0.04	13.2	0.5	0.01	49	1.58	0.01	0.13	9.5
7418	Soil	1.07	1.93	<0.05	0.05	0.02	0.04	7.9	1.7	0.03	75	1.29	0.02	0.32	10.1
7419	Soil	2.17	2.81	<0.05	0.04	0.01	0.03	7.1	3.1	0.06	198	1.52	0.01	0.20	17.8
7420	Soil	2.89	1.98	<0.05	0.03	0.02	0.03	15.7	4.7	0.07	250	1.21	<0.01	0.11	23.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
7421	Soil	2.85	3.99	<0.05	0.07	0.02	0.03	12.5	29.7	0.39	280	1.27	<0.01	0.11	26.1
7422	Soil	0.23	1.06	<0.05	0.06	<0.01	0.02	2.4	0.6	0.02	24	0.62	0.02	0.12	2.8
7423	Soil	3.23	4.79	<0.05	<0.02	0.05	0.04	14.7	3.4	0.06	487	1.74	<0.01	0.28	21.0
7424	Soil	1.35	2.54	<0.05	0.03	0.03	0.03	7.1	0.9	0.03	81	2.80	0.02	0.24	18.0
7425	Soil	3.45	4.29	<0.05	0.03	0.02	0.03	9.0	23.0	0.28	457	0.95	<0.01	0.29	26.9
7426	Soil	1.00	2.36	<0.05	<0.02	0.09	0.03	8.3	0.3	<0.01	56	1.08	<0.01	0.13	9.6
7427	Soil	3.67	6.94	0.05	0.22	0.01	0.03	14.8	65.6	0.91	500	0.78	<0.01	0.12	43.2
7428	Soil	3.14	5.52	<0.05	0.18	0.01	0.03	10.7	53.5	0.80	386	0.73	<0.01	0.15	33.9
7429	Soil	1.14	2.63	<0.05	0.05	<0.01	0.02	4.5	11.2	0.18	175	0.43	0.01	0.13	8.0
7430	Soil	3.44	4.86	<0.05	0.08	0.02	0.03	12.3	45.6	0.56	622	1.01	<0.01	0.21	30.3
4426	Soil	3.10	4.38	<0.05	0.10	0.01	0.04	6.3	14.1	0.21	639	1.64	0.01	0.30	16.7
4427	Soil	2.53	5.25	<0.05	0.05	0.01	0.02	10.9	15.4	0.22	292	0.86	<0.01	0.26	14.0
4428	Soil	3.52	5.16	<0.05	0.08	0.02	0.03	7.7	13.9	0.21	1354	0.89	<0.01	0.27	14.5
4429	Soil	3.71	7.16	0.05	0.06	0.02	0.03	11.8	14.7	0.23	497	1.64	<0.01	0.42	16.5
4430	Soil	2.88	4.56	<0.05	0.06	0.02	0.04	10.3	26.3	0.40	730	4.09	<0.01	0.24	36.0
4431	Soil	2.15	3.65	<0.05	0.12	0.01	0.03	8.1	25.2	0.33	709	1.31	0.02	0.41	20.2
4432	Soil	1.56	3.37	<0.05	1.07	<0.01	0.03	7.0	8.4	0.14	335	1.83	0.01	0.25	13.5
4433	Soil	2.20	3.72	<0.05	0.18	<0.01	0.02	8.7	20.7	0.30	203	0.88	0.01	0.19	16.8
4434	Soil	3.64	5.74	<0.05	0.10	0.01	0.03	11.6	17.0	0.24	601	1.44	<0.01	0.29	18.7
4435	Soil	3.34	5.64	<0.05	0.12	0.01	0.02	10.5	38.6	0.52	461	1.27	<0.01	0.31	30.4
4436	Soil	3.72	6.49	<0.05	0.11	0.02	0.02	10.5	28.3	0.40	721	1.44	<0.01	0.48	24.1
4437	Soil	4.49	7.13	<0.05	0.08	0.02	0.02	9.2	26.1	0.40	440	1.83	<0.01	0.50	27.5
4438	Soil	0.58	1.82	<0.05	0.14	<0.01	0.02	2.3	3.9	0.07	65	1.40	0.02	0.17	7.5
4439	Soil	3.58	7.22	<0.05	0.10	0.02	0.02	9.1	29.3	0.38	325	1.33	<0.01	0.45	21.5
4440	Soil	3.89	7.08	<0.05	0.25	0.02	0.02	5.0	56.0	0.70	587	0.81	<0.01	0.19	37.6
4441	Soil	3.87	7.57	<0.05	0.14	0.02	0.02	4.9	46.0	0.59	384	0.95	<0.01	0.40	33.4
4442	Soil	3.12	5.98	<0.05	0.12	0.02	0.02	4.2	41.2	0.53	354	0.79	0.01	0.41	26.4
4443	Soil	3.73	3.87	0.05	0.08	0.02	0.03	12.7	13.5	0.19	683	1.09	<0.01	0.30	23.9
4444	Soil	3.48	4.12	<0.05	0.07	0.02	0.03	8.3	14.2	0.20	831	1.23	<0.01	0.31	22.0
4445	Soil	2.79	5.51	<0.05	0.14	0.02	0.03	5.2	32.0	0.44	1131	1.57	0.01	0.32	25.2
4446	Soil	2.20	4.61	<0.05	0.10	0.01	0.03	5.2	20.7	0.28	705	1.09	0.01	0.40	16.1
4447	Soil	3.18	4.23	<0.05	0.12	0.02	0.03	6.5	26.3	0.34	1317	1.19	0.01	0.28	27.7
4448	Soil	1.60	2.76	<0.05	0.09	0.02	0.03	4.8	7.0	0.11	700	1.21	0.02	0.33	13.4
4449	Soil	3.23	4.32	<0.05	0.22	0.03	0.03	7.2	36.8	0.54	387	0.86	0.01	0.09	32.3
4450	Soil	2.78	4.32	<0.05	0.18	0.02	0.03	8.3	34.0	0.51	990	1.23	<0.01	0.15	32.7
4451	Soil	3.07	5.06	<0.05	0.11	0.02	0.03	6.6	38.7	0.54	467	0.97	<0.01	0.13	28.9
4452	Soil	0.98	1.45	<0.05	0.02	<0.01	0.03	4.7	0.8	0.02	65	0.67	<0.01	0.09	10.7
4453	Soil	2.02	2.77	<0.05	<0.02	0.02	0.02	10.7	0.4	0.01	97	1.05	<0.01	0.35	13.8
4454	Soil	2.77	2.38	<0.05	<0.02	0.04	0.06	10.5	5.0	0.07	86	1.14	<0.01	0.21	9.9
4455	Soil	2.51	2.04	<0.05	<0.02	0.03	0.04	8.4	0.8	0.02	231	1.23	0.01	0.14	20.0

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4456	Soil	1.98	1.89	0.05	<0.02	0.04	0.04	8.3	0.7	0.02	105	0.81	<0.01	0.14	14.7
4457	Soil	2.15	1.76	0.06	<0.02	0.03	0.03	9.4	0.2	<0.01	129	1.04	<0.01	0.15	15.2
4458	Soil	2.16	1.95	<0.05	<0.02	0.03	0.02	10.1	0.3	0.02	119	1.32	<0.01	0.17	22.6
4459	Soil	2.85	2.71	<0.05	<0.02	0.03	0.02	12.7	1.0	0.03	167	1.46	<0.01	0.28	29.0
4460	Soil	2.33	4.15	<0.05	0.07	0.02	0.02	7.8	26.5	0.42	1155	1.43	<0.01	0.08	27.3
4461	Soil	0.20	0.62	<0.05	0.04	<0.01	0.01	0.8	0.4	0.01	16	1.26	0.01	<0.05	5.5
4462	Soil	2.45	2.19	<0.05	<0.02	0.06	0.02	8.3	1.2	0.02	93	2.08	<0.01	0.16	17.8
4463	Soil	3.52	5.87	<0.05	0.11	0.03	0.02	10.3	54.0	0.65	483	1.06	<0.01	0.10	34.6
4464	Soil	2.46	4.51	<0.05	0.13	0.03	0.02	7.7	36.1	0.44	284	1.06	<0.01	0.16	23.6
4037	Soil	1.59	1.92	<0.05	<0.02	0.01	0.03	6.2	3.4	0.05	179	1.06	<0.01	0.24	19.3
4038	Soil	1.74	2.03	<0.05	1.00	0.01	0.03	7.1	3.1	0.05	200	1.11	<0.01	0.34	20.4
4039	Soil	0.47	1.86	<0.05	0.69	<0.01	0.02	2.3	0.2	<0.01	29	0.83	0.01	0.33	4.2
4040	Soil	2.32	2.10	<0.05	0.10	0.02	0.03	4.9	0.9	0.03	194	1.45	<0.01	0.21	22.9
4041	Soil	2.39	2.12	<0.05	0.07	0.02	0.03	5.6	1.4	0.03	193	1.16	<0.01	0.27	23.2
4042	Soil	3.38	5.58	<0.05	0.13	0.02	0.02	6.9	34.2	0.53	350	0.90	<0.01	0.11	29.8
4043	Soil	3.52	5.95	<0.05	0.12	0.02	0.02	6.2	34.6	0.51	526	1.46	<0.01	0.17	30.8
4044	Soil	1.40	2.09	<0.05	0.04	0.03	0.02	3.7	0.6	0.01	78	0.77	<0.01	0.12	9.2
4045	Soil	2.85	5.30	<0.05	0.08	0.01	0.02	6.7	18.6	0.26	665	1.18	<0.01	0.45	17.4
4046	Soil	2.58	4.27	<0.05	0.16	0.01	0.02	5.7	33.4	0.50	1058	1.49	<0.01	0.23	30.6
4047	Soil	0.54	2.34	<0.05	0.06	<0.01	0.02	2.3	2.0	0.04	126	0.93	0.01	0.09	4.8
4048	Soil	1.22	3.71	<0.05	0.06	<0.01	0.02	4.4	8.7	0.13	163	0.88	0.01	0.23	8.6
4049	Soil	3.15	5.17	<0.05	0.07	0.02	0.02	7.1	30.8	0.42	894	1.75	<0.01	0.31	28.5
4050	Soil	2.07	5.21	<0.05	0.03	0.01	0.02	7.1	8.2	0.14	289	1.09	<0.01	0.23	10.9
4051	Soil	3.13	6.32	<0.05	0.02	0.01	0.02	7.7	13.4	0.22	334	1.31	<0.01	0.34	16.9
4052	Soil	3.63	6.80	<0.05	0.03	0.02	0.02	7.8	11.8	0.21	560	2.53	<0.01	0.34	22.6
4053	Soil	2.39	4.43	<0.05	0.15	0.01	0.02	4.9	27.9	0.40	284	1.46	<0.01	0.44	25.4
4054	Soil	2.26	5.19	<0.05	<0.02	0.01	0.02	6.9	4.2	0.08	924	1.91	<0.01	0.18	11.9
4055	Soil	2.66	4.32	<0.05	0.08	0.02	0.02	8.1	26.2	0.41	452	1.06	<0.01	0.22	29.8
4056	Soil	2.30	4.62	<0.05	0.06	0.01	0.02	6.5	13.2	0.20	830	1.12	<0.01	0.22	14.8
4057	Soil	2.21	3.99	<0.05	0.05	0.01	0.02	5.4	16.6	0.26	391	1.42	<0.01	0.26	20.6
4058	Soil	4.64	8.40	0.06	0.03	0.02	0.02	10.6	16.6	0.24	1368	1.43	<0.01	0.67	20.2
4059	Soil	2.94	5.56	<0.05	0.05	0.01	0.02	7.4	20.0	0.29	396	1.28	<0.01	0.24	22.0
4060	Soil	3.85	8.43	0.05	0.10	0.02	0.01	4.6	32.4	0.43	706	0.97	<0.01	0.45	27.0
4061	Soil	2.01	4.71	<0.05	0.10	<0.01	0.01	2.3	18.3	0.25	393	0.63	<0.01	0.30	14.9
4062	Soil	2.81	7.01	<0.05	0.02	0.01	0.02	5.1	15.2	0.21	472	1.08	<0.01	0.36	14.7
4063	Soil	2.87	6.52	<0.05	0.05	0.02	0.02	6.3	18.1	0.25	949	1.00	<0.01	0.28	18.1
4064	Soil	2.09	4.00	<0.05	0.02	0.01	0.02	4.7	12.9	0.18	305	0.86	<0.01	0.27	14.0

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3415	Soil	622	16.1	2.8	<0.01	0.03	0.65	0.7	0.2	0.2	3.9	0.02	0.05	1.4	<0.005
3416	Soil	1532	31.1	4.3	<0.01	0.06	0.94	0.6	0.4	0.4	4.7	0.02	0.08	1.5	0.007
3417	Soil	946	20.2	2.7	<0.01	0.06	0.83	0.6	0.3	0.2	3.5	0.01	0.04	1.3	<0.005
3418	Soil	1302	21.2	3.5	<0.01	0.07	0.95	0.6	0.6	0.3	4.9	0.02	0.07	1.6	<0.005
3419	Soil	1157	19.6	4.4	<0.01	0.08	0.84	0.3	0.4	0.3	5.8	0.01	0.07	0.6	<0.005
3420	Soil	509	32.8	3.6	<0.01	0.02	1.60	0.6	<0.2	0.2	14.0	<0.01	0.06	1.6	<0.005
3421	Soil	411	25.5	3.3	<0.01	0.02	0.85	0.3	0.2	<0.2	7.8	<0.01	0.05	0.5	<0.005
3422	Soil	809	47.9	4.7	<0.01	0.03	1.58	0.5	0.4	0.2	12.4	<0.01	0.14	1.3	<0.005
3423	Soil	742	51.8	4.7	<0.01	0.03	1.22	0.7	0.3	0.2	14.8	<0.01	0.10	2.1	<0.005
3424	Soil	439	28.2	1.9	<0.01	0.02	1.17	1.9	0.3	<0.2	8.5	<0.01	0.08	6.0	<0.005
3425	Soil	543	36.6	2.5	<0.01	0.02	0.85	1.3	<0.2	<0.2	10.0	<0.01	0.06	5.6	<0.005
3426	Soil	715	61.5	4.4	<0.01	0.03	1.14	0.5	0.3	0.3	4.9	<0.01	0.07	0.8	0.006
3427	Soil	558	50.1	4.2	<0.01	0.02	1.15	0.6	0.3	0.4	5.8	<0.01	0.14	1.1	0.005
3428	Soil	471	70.2	4.1	<0.01	0.02	1.23	1.5	0.2	0.2	6.4	<0.01	0.10	8.0	0.005
3429	Soil	825	159.7	4.1	<0.01	0.03	1.01	0.8	0.4	0.4	5.5	<0.01	0.10	2.2	<0.005
3430	Soil	445	542.4	4.3	<0.01	0.03	1.53	0.3	<0.2	0.4	7.5	<0.01	0.06	0.5	<0.005
3431	Soil	455	64.8	5.1	<0.01	0.02	0.51	0.3	0.3	0.7	5.3	<0.01	0.05	0.3	0.007
3432	Soil	556	13.7	3.1	<0.01	0.02	0.56	1.9	0.4	<0.2	6.4	<0.01	0.07	4.8	<0.005
3433	Soil	675	16.8	2.8	<0.01	0.02	0.38	0.6	0.3	<0.2	2.6	<0.01	0.05	2.0	<0.005
3434	Soil	341	10.8	2.0	<0.01	<0.01	0.25	1.5	<0.2	<0.2	4.9	<0.01	0.06	9.4	<0.005
3435	Soil	805	12.9	2.8	<0.01	0.02	0.38	0.7	<0.2	<0.2	6.0	<0.01	0.05	2.6	<0.005
3317	Soil	833	28.4	4.1	<0.01	0.03	1.49	0.4	0.4	0.3	5.0	<0.01	0.06	0.8	<0.005
3318	Soil	641	15.3	4.4	<0.01	0.03	1.04	0.2	0.3	0.2	6.3	<0.01	0.04	0.2	<0.005
3319	Soil	631	30.1	4.9	<0.01	0.03	2.08	0.8	0.4	0.4	5.5	<0.01	0.09	1.4	0.006
3320	Soil	732	25.2	3.8	<0.01	0.04	2.40	0.5	0.4	0.3	3.9	<0.01	0.09	1.1	<0.005
3321	Soil	1086	22.2	4.3	<0.01	0.04	0.78	0.7	0.6	0.4	3.4	0.02	0.10	1.4	0.006
3322	Soil	670	19.4	3.6	<0.01	0.03	0.66	0.4	0.4	0.4	4.4	<0.01	0.08	0.6	<0.005
3323	Soil	601	26.7	4.8	<0.01	0.03	1.04	0.7	0.4	0.4	6.8	<0.01	0.09	1.1	0.006
3324	Soil	747	19.0	4.6	<0.01	0.04	0.71	0.5	0.3	0.3	4.2	<0.01	0.08	0.9	0.005
3325	Soil	567	21.9	3.1	<0.01	0.03	0.64	0.4	0.2	0.2	6.2	<0.01	0.07	0.8	<0.005
3326	Soil	675	32.0	2.1	<0.01	0.03	1.42	0.4	0.3	<0.2	4.5	<0.01	0.13	1.1	<0.005
3327	Soil	908	26.0	4.2	<0.01	0.04	1.01	0.6	0.3	<0.2	4.1	<0.01	0.08	2.3	<0.005
3328	Soil	593	10.8	3.0	<0.01	0.03	0.39	0.3	<0.2	0.2	3.2	<0.01	0.06	0.7	<0.005
3329	Soil	624	10.8	1.7	<0.01	0.03	0.37	0.5	0.3	<0.2	3.8	<0.01	0.04	1.3	<0.005
3330	Soil	489	4.6	0.6	<0.01	0.03	0.10	0.2	0.2	<0.2	2.9	0.01	0.02	0.3	<0.005
4299	Soil	450	15.8	2.0	<0.01	0.03	0.54	2.3	0.7	<0.2	20.7	<0.01	0.06	5.5	<0.005
4300	Soil	695	11.3	3.4	<0.01	0.02	0.42	0.4	<0.2	<0.2	3.9	<0.01	0.04	0.8	<0.005
4301	Soil	747	23.6	3.1	<0.01	0.06	0.79	1.5	0.7	<0.2	25.1	<0.01	0.10	4.1	<0.005
4302	Soil	847	20.3	2.7	<0.01	0.04	0.67	0.5	<0.2	0.2	4.6	<0.01	0.04	1.2	<0.005
4303	Soil	604	24.3	3.0	<0.01	0.02	0.86	0.9	<0.2	<0.2	4.6	<0.01	0.03	2.6	<0.005

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4304	Soil	924	16.5	3.6	<0.01	0.03	0.50	0.4	0.2	0.3	9.9	<0.01	0.04	0.9	<0.005
4305	Soil	1495	82.7	5.1	<0.01	0.05	0.59	0.4	0.3	0.3	5.0	<0.01	0.07	1.4	<0.005
4306	Soil	832	14.9	3.2	<0.01	0.03	0.57	0.7	0.3	0.2	3.5	<0.01	0.07	2.3	<0.005
4307	Soil	386	28.9	2.8	<0.01	0.02	1.15	1.0	0.4	0.2	3.1	<0.01	0.10	2.5	0.005
4308	Soil	963	27.7	5.0	<0.01	0.03	1.30	0.7	0.4	0.2	3.6	<0.01	0.10	2.1	<0.005
4309	Soil	767	15.9	4.4	<0.01	0.02	0.85	0.4	0.2	0.2	3.5	<0.01	0.06	0.9	<0.005
4310	Soil	797	26.0	5.2	<0.01	0.03	1.28	0.6	0.5	0.3	4.3	<0.01	0.09	1.3	<0.005
4311	Soil	640	54.2	6.3	<0.01	0.03	1.33	0.4	0.4	0.4	5.2	<0.01	0.10	0.9	<0.005
4312	Soil	627	22.0	2.7	<0.01	0.02	1.46	0.5	0.4	0.2	3.9	<0.01	0.06	0.6	<0.005
4313	Soil	484	37.8	3.6	<0.01	0.01	1.62	1.0	0.3	0.3	3.5	<0.01	0.11	3.2	<0.005
4314	Soil	824	17.7	4.4	<0.01	0.05	0.87	0.7	0.5	0.2	3.4	<0.01	0.08	1.5	<0.005
4315	Soil	945	31.5	3.9	<0.01	0.07	1.54	0.6	0.8	0.3	4.7	0.01	0.13	1.7	0.006
4316	Soil	667	44.9	2.7	<0.01	0.04	8.11	7.0	1.2	<0.2	59.4	0.01	0.12	6.4	<0.005
4317	Soil	634	33.3	4.8	<0.01	0.04	1.08	0.9	0.5	0.3	4.2	<0.01	0.08	2.5	0.008
4318	Soil	792	320.3	5.1	<0.01	0.05	5.50	1.5	0.6	0.4	8.6	<0.01	0.11	2.3	<0.005
4319	Soil	720	359.2	4.6	<0.01	0.08	3.34	0.8	0.5	0.6	29.3	<0.01	0.10	2.9	0.006
4320	Soil	316	34.8	3.4	<0.01	0.03	1.99	1.4	0.2	<0.2	19.1	<0.01	0.10	9.0	<0.005
4321	Soil	316	33.4	4.1	<0.01	0.02	1.37	0.7	<0.2	0.2	39.0	<0.01	0.06	6.0	<0.005
4322	Soil	443	64.0	6.2	<0.01	0.06	4.12	0.4	0.5	0.3	48.7	<0.01	0.06	1.5	<0.005
4323	Soil	323	29.7	4.0	<0.01	0.02	0.74	0.5	0.2	<0.2	10.0	<0.01	0.06	2.0	<0.005
4324	Soil	328	34.4	2.7	<0.01	0.04	0.93	0.2	<0.2	0.2	10.2	<0.01	0.02	0.2	<0.005
4395	Soil	387	77.5	4.7	<0.01	0.05	2.01	0.4	0.4	0.3	33.2	<0.01	0.06	1.4	<0.005
4396	Soil	403	47.8	3.6	<0.01	0.03	1.71	0.7	<0.2	<0.2	32.2	<0.01	0.05	4.5	<0.005
4397	Soil	208	103.6	4.3	<0.01	0.05	9.54	2.2	0.6	0.4	46.4	<0.01	0.26	9.3	<0.005
4398	Soil	453	95.8	2.9	<0.01	0.02	1.56	0.5	0.3	0.2	15.2	<0.01	0.09	2.0	<0.005
4399	Soil	436	28.6	3.0	<0.01	0.03	3.03	0.3	<0.2	<0.2	13.3	<0.01	0.08	0.3	<0.005
4400	Soil	588	41.2	3.3	<0.01	0.04	1.66	1.0	<0.2	<0.2	11.5	<0.01	0.07	3.0	<0.005
4401	Soil	503	26.7	2.5	<0.01	0.04	0.23	0.2	<0.2	<0.2	12.0	<0.01	<0.01	<0.2	0.006
4402	Soil	212	22.2	2.7	<0.01	<0.01	0.98	0.3	<0.2	0.2	4.5	<0.01	0.07	0.8	<0.005
4403	Soil	461	54.8	3.8	<0.01	0.02	1.21	0.9	0.3	0.2	6.4	<0.01	0.07	3.5	<0.005
4404	Soil	625	60.4	4.2	<0.01	0.02	1.23	0.8	0.3	0.3	5.4	<0.01	0.09	2.5	<0.005
7365	Soil	1026	35.2	4.2	<0.01	0.05	1.49	1.0	0.3	0.3	4.4	0.02	0.06	2.3	0.005
7366	Soil	623	15.1	3.3	<0.01	0.04	0.72	0.3	0.4	0.3	5.4	0.01	0.03	0.4	<0.005
7367	Soil	204	2.7	0.7	<0.01	0.02	0.16	<0.1	<0.2	<0.2	3.5	<0.01	<0.01	<0.2	<0.005
7368	Soil	1210	41.0	4.3	<0.01	0.06	2.10	0.5	0.4	0.3	7.0	0.01	0.07	1.1	<0.005
7369	Soil	519	8.5	2.3	<0.01	0.03	0.62	0.1	<0.2	<0.2	3.5	<0.01	0.02	<0.2	<0.005
7370	Soil	893	29.7	4.8	<0.01	0.04	1.27	0.3	0.5	0.6	6.8	<0.01	0.06	0.4	<0.005
7371	Soil	747	13.7	4.1	<0.01	0.03	0.78	0.2	0.3	0.4	4.7	<0.01	0.04	0.2	<0.005
7372	Soil	667	13.7	4.7	<0.01	0.03	0.72	0.1	0.4	0.4	4.7	<0.01	0.05	<0.2	<0.005
7373	Soil	1001	19.2	3.5	<0.01	0.03	0.95	0.3	0.3	0.4	4.6	0.01	0.06	0.5	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7374	Soil	1061	39.7	4.2	<0.01	0.04	1.02	0.5	0.3	0.2	4.1	<0.01	0.07	0.7	<0.005
7375	Soil	485	6.2	1.2	<0.01	0.04	0.25	<0.1	<0.2	<0.2	3.9	<0.01	0.01	<0.2	<0.005
7376	Soil	851	15.5	2.5	<0.01	0.06	0.66	0.3	0.3	<0.2	8.1	<0.01	0.04	0.3	<0.005
7377	Soil	771	31.6	2.9	<0.01	0.04	1.20	0.6	0.2	<0.2	7.4	<0.01	0.06	0.8	<0.005
7378	Soil	736	12.1	3.3	<0.01	0.04	0.62	0.2	0.3	0.3	3.5	<0.01	0.04	0.3	<0.005
7379	Soil	806	25.5	3.0	<0.01	0.04	1.37	1.6	0.5	<0.2	14.5	<0.01	0.05	2.5	<0.005
7380	Soil	1453	32.2	5.6	<0.01	0.09	1.72	0.9	0.4	0.3	20.3	0.02	0.05	1.2	<0.005
7381	Soil	1271	35.9	4.8	<0.01	0.03	1.39	0.2	0.4	0.4	3.6	<0.01	0.06	0.3	<0.005
7389	Soil	506	12.6	2.1	<0.01	0.04	0.59	3.6	0.8	<0.2	23.0	<0.01	0.04	4.6	<0.005
7390	Soil	450	21.4	2.0	<0.01	0.06	1.14	1.9	0.7	<0.2	12.3	<0.01	0.04	5.5	<0.005
7391	Soil	710	13.3	4.2	<0.01	0.06	0.59	1.4	0.7	<0.2	19.1	0.01	0.05	2.1	<0.005
7392	Soil	586	13.2	3.1	<0.01	0.05	0.57	1.5	0.5	<0.2	31.3	<0.01	0.04	4.3	<0.005
7393	Soil	599	19.4	2.5	<0.01	0.09	0.73	0.8	1.2	<0.2	43.9	<0.01	0.04	2.4	<0.005
7394	Soil	500	19.4	3.3	<0.01	0.02	1.05	0.9	0.2	<0.2	8.9	<0.01	0.05	2.3	<0.005
7395	Soil	557	45.3	1.6	<0.01	0.02	2.71	4.3	0.6	<0.2	15.3	<0.01	0.12	9.2	<0.005
7396	Soil	446	80.2	2.2	<0.01	0.03	4.97	4.6	1.0	<0.2	11.2	<0.01	0.17	6.6	<0.005
7397	Soil	550	49.8	1.9	<0.01	0.03	1.46	2.5	0.4	<0.2	9.0	<0.01	0.11	5.6	<0.005
7398	Soil	477	64.5	2.1	<0.01	0.01	1.93	5.0	0.5	<0.2	9.5	<0.01	0.12	10.4	<0.005
7399	Soil	533	25.9	2.2	<0.01	0.02	1.58	1.2	0.3	<0.2	3.2	<0.01	0.15	3.2	<0.005
7400	Soil	661	17.7	5.4	<0.01	0.03	0.86	0.4	0.3	0.4	4.2	<0.01	0.06	1.1	<0.005
7401	Soil	699	24.0	4.5	<0.01	0.03	1.11	0.5	0.3	0.3	5.9	<0.01	0.09	1.5	0.005
7402	Soil	782	17.8	5.5	<0.01	0.02	1.06	0.2	0.3	0.4	3.8	0.01	0.05	0.7	<0.005
7403	Soil	635	42.6	4.2	<0.01	0.03	1.39	1.3	0.5	0.3	4.2	0.01	0.07	4.0	0.006
7404	Soil	952	44.1	5.7	<0.01	0.05	1.29	1.2	0.6	0.3	6.2	0.01	0.11	2.5	0.008
7405	Soil	598	22.3	4.7	<0.01	0.04	0.96	0.5	0.4	0.4	5.1	<0.01	0.12	0.9	0.008
7406	Soil	730	26.7	5.2	<0.01	0.03	1.56	0.8	0.2	<0.2	4.1	<0.01	0.16	3.2	<0.005
7407	Soil	500	38.7	4.6	<0.01	0.01	1.14	1.4	0.3	0.3	10.6	<0.01	0.07	6.5	0.006
7408	Soil	739	99.2	3.7	<0.01	0.03	4.14	1.2	0.5	<0.2	6.7	<0.01	0.25	8.1	<0.005
7409	Soil	557	13.3	3.4	<0.01	0.05	0.38	0.2	0.3	<0.2	4.4	<0.01	0.03	0.4	<0.005
7410	Soil	755	29.1	3.7	<0.01	0.03	1.28	0.7	0.2	0.2	6.6	<0.01	0.05	1.6	0.006
7411	Soil	399	27.6	5.4	<0.01	0.01	0.93	1.0	0.3	0.3	11.4	<0.01	0.07	2.3	0.005
7412	Soil	362	27.1	2.2	<0.01	<0.01	1.14	1.2	<0.2	<0.2	61.4	<0.01	0.08	6.5	<0.005
7413	Soil	549	31.6	3.9	<0.01	0.02	0.61	1.2	0.3	0.2	10.3	<0.01	0.03	3.3	0.012
7414	Soil	383	37.2	7.0	<0.01	0.03	0.99	0.5	0.4	0.9	10.0	<0.01	0.05	0.5	0.022
7415	Soil	261	16.9	4.3	<0.01	<0.01	0.95	0.6	<0.2	<0.2	21.0	<0.01	0.06	4.2	<0.005
7416	Soil	245	40.0	5.2	<0.01	0.02	0.92	0.1	<0.2	0.3	31.7	<0.01	0.04	0.3	<0.005
7417	Soil	379	31.8	4.9	<0.01	0.03	1.30	0.1	<0.2	0.3	28.8	<0.01	0.02	<0.2	<0.005
7418	Soil	405	92.1	2.8	<0.01	0.03	1.76	0.7	0.2	<0.2	23.5	<0.01	0.11	0.8	0.010
7419	Soil	611	34.0	4.3	<0.01	0.03	0.74	0.2	<0.2	0.2	8.3	<0.01	0.06	0.4	<0.005
7420	Soil	253	51.1	3.5	<0.01	0.03	3.83	1.1	0.2	<0.2	29.3	<0.01	0.13	8.1	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
7421	Soil	515	40.0	3.6	<0.01	0.03	1.73	1.3	<0.2	0.2	16.7	<0.01	0.07	4.2	<0.005
7422	Soil	150	7.6	1.3	<0.01	0.01	0.08	0.1	<0.2	<0.2	5.9	<0.01	<0.01	<0.2	0.006
7423	Soil	880	115.9	8.0	<0.01	0.02	1.34	0.5	0.2	0.3	15.4	<0.01	0.06	1.4	0.007
7424	Soil	292	80.2	3.5	<0.01	0.03	0.55	0.2	<0.2	0.2	13.1	<0.01	0.04	<0.2	<0.005
7425	Soil	551	42.3	4.2	<0.01	0.02	0.90	0.9	0.3	<0.2	4.6	<0.01	0.09	2.9	<0.005
7426	Soil	200	387.6	4.3	<0.01	0.01	1.28	0.3	<0.2	0.4	23.0	<0.01	0.05	0.8	<0.005
7427	Soil	402	15.4	3.7	<0.01	0.03	0.27	2.1	<0.2	<0.2	18.8	<0.01	0.04	7.0	<0.005
7428	Soil	440	12.5	3.1	<0.01	0.04	0.32	1.9	<0.2	<0.2	24.9	<0.01	0.03	5.3	<0.005
7429	Soil	418	3.5	2.2	<0.01	0.02	0.14	0.2	<0.2	<0.2	4.8	<0.01	0.02	0.5	<0.005
7430	Soil	565	30.3	3.2	<0.01	0.02	1.04	1.4	<0.2	<0.2	7.8	<0.01	0.05	5.2	<0.005
4426	Soil	1008	12.5	6.7	<0.01	0.08	0.46	0.3	0.3	0.3	7.6	<0.01	0.03	0.7	<0.005
4427	Soil	629	12.1	5.0	<0.01	0.04	0.69	0.2	<0.2	0.3	3.3	<0.01	0.04	0.7	<0.005
4428	Soil	1155	25.5	5.2	<0.01	0.07	0.87	0.3	0.2	0.2	6.0	<0.01	0.05	1.3	<0.005
4429	Soil	1052	18.5	5.0	<0.01	0.05	0.66	0.3	0.4	0.4	4.3	0.01	0.07	0.8	<0.005
4430	Soil	798	28.2	4.8	<0.01	0.04	0.62	0.5	<0.2	0.2	7.1	<0.01	0.06	1.2	<0.005
4431	Soil	1078	15.4	3.8	<0.01	0.08	0.48	1.3	0.7	0.2	24.6	<0.01	0.04	1.0	0.007
4432	Soil	551	9.5	3.9	<0.01	0.04	0.40	0.3	0.2	0.3	4.2	<0.01	0.01	0.7	<0.005
4433	Soil	358	12.5	2.6	<0.01	0.02	0.42	0.3	<0.2	0.2	4.1	<0.01	0.01	0.5	<0.005
4434	Soil	1203	20.5	5.1	<0.01	0.04	0.90	0.3	0.3	0.3	5.0	<0.01	0.07	0.8	<0.005
4435	Soil	556	21.2	3.0	<0.01	0.03	0.57	0.8	<0.2	<0.2	5.1	<0.01	0.05	2.3	<0.005
4436	Soil	892	25.1	3.6	<0.01	0.04	0.77	0.6	0.5	0.3	3.6	0.01	0.06	1.6	<0.005
4437	Soil	975	24.8	3.5	<0.01	0.04	0.68	0.5	0.2	0.3	2.8	<0.01	0.07	1.2	<0.005
4438	Soil	329	3.5	1.3	<0.01	0.03	0.10	<0.1	<0.2	<0.2	6.1	<0.01	<0.01	<0.2	<0.005
4439	Soil	864	15.6	3.6	<0.01	0.04	0.66	0.6	0.5	0.4	4.4	0.02	0.05	1.2	<0.005
4440	Soil	714	25.6	2.6	<0.01	0.03	0.45	1.4	<0.2	<0.2	2.5	<0.01	0.06	4.9	<0.005
4441	Soil	461	30.4	3.2	<0.01	0.02	0.51	1.3	0.3	0.4	3.3	<0.01	0.07	3.3	<0.005
4442	Soil	522	16.6	2.8	<0.01	0.03	0.55	0.9	0.2	<0.2	3.9	<0.01	0.04	1.9	<0.005
4443	Soil	661	39.2	4.1	<0.01	0.04	2.87	0.4	0.4	0.3	7.1	<0.01	0.09	0.6	<0.005
4444	Soil	946	27.0	3.7	<0.01	0.07	1.50	0.5	0.3	0.3	3.8	<0.01	0.05	1.3	<0.005
4445	Soil	1429	25.6	7.5	<0.01	0.10	0.60	0.9	0.2	0.2	12.7	<0.01	0.05	1.3	<0.005
4446	Soil	1019	14.5	7.8	<0.01	0.08	0.55	0.6	0.3	0.2	9.4	0.01	0.03	0.9	<0.005
4447	Soil	1017	22.8	5.5	<0.01	0.06	2.13	0.9	0.4	<0.2	9.9	<0.01	0.08	1.8	<0.005
4448	Soil	1051	14.6	5.0	<0.01	0.09	1.89	0.6	0.4	<0.2	30.1	<0.01	0.03	0.8	<0.005
4449	Soil	744	26.4	2.7	<0.01	0.08	1.32	2.5	1.5	<0.2	46.0	<0.01	0.07	6.6	<0.005
4450	Soil	600	26.7	2.3	<0.01	0.04	0.84	1.4	0.2	<0.2	19.1	<0.01	0.06	3.0	<0.005
4451	Soil	503	25.7	2.2	<0.01	0.03	0.99	1.4	<0.2	<0.2	8.6	<0.01	0.08	4.1	<0.005
4452	Soil	322	20.0	3.4	<0.01	0.02	0.74	0.3	<0.2	<0.2	13.8	<0.01	0.07	1.4	<0.005
4453	Soil	207	57.6	3.0	<0.01	0.02	2.83	0.5	<0.2	0.3	10.9	<0.01	0.07	2.4	0.006
4454	Soil	427	142.8	6.5	<0.01	0.09	4.10	0.5	<0.2	0.4	56.0	<0.01	0.05	3.4	<0.005
4455	Soil	372	107.2	5.0	<0.01	0.04	2.48	0.4	0.2	0.3	34.7	<0.01	0.11	1.3	<0.005

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4456	Soil	184	226.9	4.3	<0.01	0.04	3.38	0.5	0.3	0.3	33.0	<0.01	0.13	3.1	<0.005
4457	Soil	166	119.6	3.9	<0.01	0.04	3.44	0.8	0.3	0.3	32.1	<0.01	0.13	4.8	<0.005
4458	Soil	193	51.9	3.2	<0.01	<0.01	1.51	0.7	<0.2	0.3	15.0	<0.01	0.05	4.2	<0.005
4459	Soil	274	45.0	4.1	<0.01	0.01	1.49	1.0	<0.2	0.2	17.3	<0.01	0.08	4.9	<0.005
4460	Soil	604	253.6	2.9	<0.01	0.02	1.93	0.9	<0.2	0.2	10.2	<0.01	0.06	3.0	<0.005
4461	Soil	342	11.2	0.4	<0.01	0.02	0.06	<0.1	<0.2	<0.2	5.1	<0.01	<0.01	<0.2	<0.005
4462	Soil	321	254.9	2.7	<0.01	0.02	2.73	0.3	<0.2	0.3	11.2	<0.01	0.05	0.6	<0.005
4463	Soil	634	73.2	2.8	<0.01	0.03	1.02	1.3	<0.2	<0.2	7.3	<0.01	0.06	5.0	<0.005
4464	Soil	595	60.7	2.6	<0.01	0.04	0.72	0.8	<0.2	<0.2	5.9	<0.01	0.03	2.6	<0.005
4037	Soil	202	24.2	4.7	<0.01	0.01	0.96	0.6	<0.2	<0.2	7.7	<0.01	0.05	3.3	<0.005
4038	Soil	201	24.6	5.3	<0.01	<0.01	0.96	1.0	<0.2	0.2	8.6	<0.01	0.05	6.1	<0.005
4039	Soil	188	5.1	1.6	<0.01	0.02	0.31	0.2	<0.2	0.2	4.4	<0.01	<0.01	0.4	0.011
4040	Soil	328	33.8	5.1	<0.01	0.03	2.13	0.5	<0.2	0.3	10.4	<0.01	0.08	1.4	<0.005
4041	Soil	246	41.9	4.9	<0.01	0.01	1.66	0.7	<0.2	0.2	9.8	<0.01	0.09	4.5	<0.005
4042	Soil	653	19.9	2.3	<0.01	0.03	1.55	1.4	0.3	<0.2	4.9	<0.01	0.07	3.4	<0.005
4043	Soil	737	20.8	2.1	<0.01	0.03	1.46	1.1	<0.2	<0.2	3.3	<0.01	0.06	3.3	<0.005
4044	Soil	298	91.1	2.6	<0.01	0.02	1.05	0.1	<0.2	<0.2	4.3	<0.01	0.03	0.3	<0.005
4045	Soil	630	39.2	3.4	<0.01	0.03	0.68	0.4	<0.2	0.3	6.3	<0.01	0.06	1.0	<0.005
4046	Soil	556	115.3	2.1	<0.01	0.03	0.51	0.9	0.2	<0.2	8.5	<0.01	0.07	4.0	<0.005
4047	Soil	390	5.0	1.8	<0.01	0.02	0.16	<0.1	<0.2	<0.2	4.3	<0.01	<0.01	<0.2	<0.005
4048	Soil	376	7.6	2.4	<0.01	0.02	0.30	0.2	<0.2	<0.2	4.7	<0.01	<0.01	0.4	<0.005
4049	Soil	645	31.9	3.3	<0.01	0.02	0.72	0.7	0.3	<0.2	9.2	<0.01	0.05	1.8	<0.005
4050	Soil	658	13.9	2.7	<0.01	0.02	0.70	0.2	<0.2	0.3	5.4	<0.01	0.06	0.5	<0.005
4051	Soil	652	12.7	3.4	<0.01	0.03	0.62	0.3	0.4	0.4	5.9	<0.01	0.04	0.3	<0.005
4052	Soil	1002	18.2	4.1	<0.01	0.03	0.72	0.3	<0.2	0.4	4.2	<0.01	0.04	0.4	<0.005
4053	Soil	532	12.7	2.8	<0.01	0.05	0.42	1.3	0.5	<0.2	17.1	<0.01	0.02	2.4	0.008
4054	Soil	853	19.5	4.3	<0.01	0.03	0.49	0.1	0.2	0.4	4.3	<0.01	0.06	0.3	<0.005
4055	Soil	516	17.0	2.4	<0.01	0.02	0.71	0.7	0.2	<0.2	5.1	<0.01	0.02	1.6	<0.005
4056	Soil	835	17.3	3.2	<0.01	0.05	0.58	0.3	0.3	0.2	3.6	<0.01	0.04	0.6	<0.005
4057	Soil	568	14.1	3.5	<0.01	0.03	0.45	0.3	<0.2	<0.2	2.6	<0.01	0.04	0.5	<0.005
4058	Soil	787	27.7	5.2	<0.01	0.04	0.85	0.4	0.4	0.4	5.3	0.01	0.08	0.7	0.005
4059	Soil	839	14.1	4.0	<0.01	0.03	0.70	0.4	0.3	0.2	3.7	<0.01	0.04	0.9	<0.005
4060	Soil	718	20.8	3.5	<0.01	0.03	0.65	0.8	0.2	0.3	3.0	0.01	0.06	1.8	<0.005
4061	Soil	541	14.5	2.8	<0.01	0.04	0.35	0.3	0.2	<0.2	3.4	<0.01	0.04	0.7	<0.005
4062	Soil	671	10.5	2.7	<0.01	0.04	0.53	0.2	0.2	0.3	4.3	<0.01	0.05	0.3	<0.005
4063	Soil	1000	23.1	4.6	<0.01	0.05	0.79	0.4	0.3	0.3	3.2	0.01	0.04	0.8	<0.005
4064	Soil	436	17.3	4.4	<0.01	0.03	0.93	0.2	0.4	0.2	3.9	<0.01	0.04	0.4	<0.005

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3415	Soil	<0.05	0.64	31	0.10	1.42	70	1.6
3416	Soil	<0.05	1.07	42	0.13	1.47	93	1.7
3417	Soil	<0.05	0.82	30	0.12	1.44	64	2.5
3418	Soil	<0.05	0.79	35	0.12	1.50	76	2.4
3419	Soil	<0.05	0.68	34	0.12	1.21	64	0.8
3420	Soil	0.06	0.56	14	0.63	0.96	62	<0.5
3421	Soil	0.07	0.83	12	0.38	1.60	33	<0.5
3422	Soil	0.08	1.71	19	0.22	2.12	84	<0.5
3423	Soil	0.07	1.19	20	0.83	1.88	99	<0.5
3424	Soil	<0.05	1.41	36	0.06	3.29	96	3.7
3425	Soil	0.05	1.01	41	0.11	1.58	100	2.2
3426	Soil	<0.05	0.75	30	0.32	1.45	110	<0.5
3427	Soil	0.06	0.87	29	0.19	1.85	125	<0.5
3428	Soil	<0.05	1.13	36	0.24	2.18	216	1.2
3429	Soil	<0.05	0.89	37	0.19	1.81	144	1.0
3430	Soil	0.06	0.70	24	0.33	1.53	151	<0.5
3431	Soil	0.06	0.66	35	0.18	1.39	43	<0.5
3432	Soil	<0.05	2.71	41	0.06	4.56	78	4.6
3433	Soil	<0.05	0.45	36	0.11	1.31	59	1.0
3434	Soil	<0.05	0.64	49	<0.05	2.83	101	1.5
3435	Soil	<0.05	0.45	47	0.06	1.47	82	1.5
3317	Soil	<0.05	0.65	23	0.09	1.52	59	1.4
3318	Soil	<0.05	0.43	17	0.07	0.83	35	<0.5
3319	Soil	<0.05	0.70	37	0.14	1.93	90	1.1
3320	Soil	<0.05	0.63	28	0.13	1.48	78	1.1
3321	Soil	<0.05	0.67	38	0.14	1.63	88	1.9
3322	Soil	<0.05	0.59	27	0.14	1.31	47	0.6
3323	Soil	<0.05	0.79	40	0.18	2.02	83	0.6
3324	Soil	<0.05	0.68	34	0.17	1.36	69	<0.5
3325	Soil	<0.05	0.68	31	0.08	1.01	63	0.6
3326	Soil	<0.05	0.62	27	0.09	0.80	51	0.9
3327	Soil	<0.05	0.77	29	0.08	1.03	67	1.4
3328	Soil	<0.05	0.42	18	0.08	0.72	35	0.9
3329	Soil	<0.05	0.61	23	0.05	0.96	43	1.7
3330	Soil	<0.05	0.19	5	<0.05	0.19	8	<0.5
4299	Soil	<0.05	1.85	46	<0.05	3.94	79	4.9
4300	Soil	<0.05	0.41	22	0.06	0.77	39	0.9
4301	Soil	<0.05	7.85	40	0.06	8.14	87	7.4
4302	Soil	<0.05	0.70	30	0.13	1.34	66	1.2
4303	Soil	<0.05	0.58	36	0.09	1.55	76	1.5

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4304	Soil	<0.05	0.58	36	0.12	1.18	60	1.1
4305	Soil	0.09	0.57	33	0.08	1.24	56	2.1
4306	Soil	<0.05	0.56	39	0.12	0.94	72	1.9
4307	Soil	<0.05	0.57	36	0.13	1.72	88	1.7
4308	Soil	<0.05	0.60	29	0.48	1.57	69	2.2
4309	Soil	<0.05	0.47	24	0.24	1.45	49	1.0
4310	Soil	<0.05	0.62	30	0.55	1.96	65	1.3
4311	Soil	0.05	0.65	29	0.16	2.24	64	0.8
4312	Soil	<0.05	0.50	23	0.10	3.34	54	0.9
4313	Soil	<0.05	0.46	35	0.15	1.89	79	1.4
4314	Soil	<0.05	0.57	23	0.09	1.45	60	2.5
4315	Soil	<0.05	0.75	31	0.13	2.39	101	3.0
4316	Soil	<0.05	1.23	25	0.13	33.81	103	4.1
4317	Soil	<0.05	0.81	41	0.14	2.36	103	1.6
4318	Soil	0.06	1.56	25	0.16	10.58	221	1.5
4319	Soil	0.07	1.22	34	0.20	2.53	187	1.1
4320	Soil	0.06	2.22	13	0.23	2.98	120	<0.5
4321	Soil	0.14	1.25	10	0.76	1.34	75	<0.5
4322	Soil	0.89	2.04	18	1.26	1.64	106	<0.5
4323	Soil	0.12	0.78	9	0.32	1.21	56	<0.5
4324	Soil	0.09	0.42	9	0.39	0.51	37	<0.5
4395	Soil	0.28	0.97	9	0.69	1.01	57	<0.5
4396	Soil	0.19	1.47	10	0.51	1.45	87	<0.5
4397	Soil	0.25	0.96	10	0.37	1.61	139	0.8
4398	Soil	0.09	1.14	11	1.01	1.51	97	<0.5
4399	Soil	0.07	0.36	8	0.24	0.50	54	<0.5
4400	Soil	0.05	0.83	20	0.51	1.32	83	0.6
4401	Soil	<0.05	0.45	13	0.13	0.87	29	<0.5
4402	Soil	<0.05	0.35	12	0.35	0.67	54	<0.5
4403	Soil	<0.05	0.96	24	0.23	1.55	124	<0.5
4404	Soil	0.05	0.95	28	0.21	1.54	109	0.6
7365	Soil	<0.05	0.75	44	0.13	1.66	94	2.6
7366	Soil	<0.05	0.43	22	0.10	1.34	39	0.9
7367	Soil	<0.05	0.17	6	0.05	0.38	9	<0.5
7368	Soil	<0.05	0.91	31	0.12	2.74	69	1.6
7369	Soil	<0.05	0.27	11	0.08	0.58	20	<0.5
7370	Soil	<0.05	0.64	42	0.14	1.68	72	0.5
7371	Soil	<0.05	0.38	21	0.09	0.93	37	0.5
7372	Soil	<0.05	0.30	22	0.09	0.75	33	<0.5
7373	Soil	<0.05	0.47	31	0.09	1.02	46	0.7

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7374	Soil	<0.05	0.44	29	0.08	1.18	62	1.4
7375	Soil	<0.05	0.22	8	0.05	0.46	13	0.6
7376	Soil	<0.05	0.39	17	0.07	0.80	36	1.1
7377	Soil	<0.05	0.55	27	0.08	1.34	68	1.2
7378	Soil	<0.05	0.36	24	0.08	0.85	41	0.6
7379	Soil	<0.05	0.96	34	0.08	5.13	84	4.5
7380	Soil	<0.05	0.67	21	0.09	2.22	90	4.7
7381	Soil	<0.05	0.50	25	0.11	1.01	59	<0.5
7389	Soil	<0.05	1.11	37	<0.05	7.15	70	5.4
7390	Soil	<0.05	3.47	38	<0.05	6.21	83	10.6
7391	Soil	<0.05	2.68	12	0.06	14.95	33	4.9
7392	Soil	<0.05	3.99	32	<0.05	5.02	74	4.7
7393	Soil	<0.05	5.96	21	0.09	2.93	50	3.6
7394	Soil	<0.05	0.74	32	0.13	1.14	88	0.9
7395	Soil	<0.05	1.54	32	0.05	11.74	123	3.2
7396	Soil	0.06	2.06	23	0.11	20.72	134	5.1
7397	Soil	<0.05	0.89	34	0.06	6.34	113	4.5
7398	Soil	<0.05	1.29	40	0.05	16.15	133	4.0
7399	Soil	<0.05	0.78	29	0.06	2.00	81	1.7
7400	Soil	0.05	0.60	21	0.09	1.22	36	0.9
7401	Soil	<0.05	0.61	36	0.12	1.77	80	1.0
7402	Soil	<0.05	0.54	27	0.14	1.17	43	0.5
7403	Soil	<0.05	0.73	36	0.12	2.42	94	2.3
7404	Soil	<0.05	1.45	37	0.15	5.92	109	1.8
7405	Soil	<0.05	0.73	39	0.16	2.04	77	<0.5
7406	Soil	<0.05	0.64	31	0.11	1.64	81	1.9
7407	Soil	0.05	1.64	37	0.36	2.95	113	1.0
7408	Soil	0.08	2.38	37	0.17	2.36	145	1.0
7409	Soil	<0.05	0.61	18	0.08	0.79	36	0.9
7410	Soil	<0.05	1.56	30	0.12	2.16	88	1.0
7411	Soil	0.06	1.49	27	0.37	3.46	96	<0.5
7412	Soil	<0.05	1.37	14	0.50	2.63	98	<0.5
7413	Soil	0.07	0.96	26	0.43	3.14	72	1.2
7414	Soil	0.12	0.66	51	0.33	1.91	45	<0.5
7415	Soil	0.12	0.56	7	0.38	0.89	63	<0.5
7416	Soil	0.12	0.48	10	0.47	1.20	26	<0.5
7417	Soil	0.12	0.52	12	0.52	0.91	30	<0.5
7418	Soil	0.11	0.83	12	0.35	0.96	37	<0.5
7419	Soil	<0.05	0.80	16	0.18	0.83	63	<0.5
7420	Soil	0.18	1.15	10	0.45	1.32	92	<0.5

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
7421	Soil	0.10	1.18	25	0.34	1.83	77	1.2
7422	Soil	<0.05	0.12	7	0.06	0.25	8	<0.5
7423	Soil	0.06	0.72	20	0.31	1.31	125	<0.5
7424	Soil	<0.05	0.61	12	0.28	0.96	107	<0.5
7425	Soil	<0.05	0.99	25	0.11	1.41	118	0.7
7426	Soil	0.07	0.42	9	0.67	0.78	111	<0.5
7427	Soil	<0.05	0.97	51	<0.05	2.17	102	4.5
7428	Soil	<0.05	1.09	42	<0.05	1.75	83	3.9
7429	Soil	<0.05	0.48	14	0.06	0.88	27	0.7
7430	Soil	<0.05	0.84	33	0.06	2.72	97	1.7
4426	Soil	<0.05	0.67	25	0.10	1.56	58	1.1
4427	Soil	<0.05	0.64	29	0.11	1.80	50	0.7
4428	Soil	0.05	0.74	26	0.08	2.01	70	2.0
4429	Soil	<0.05	0.71	34	0.12	2.01	58	1.2
4430	Soil	<0.05	0.61	32	0.14	1.86	64	1.3
4431	Soil	<0.05	7.27	30	0.14	7.00	49	2.6
4432	Soil	<0.05	0.48	20	0.11	1.33	35	0.5
4433	Soil	<0.05	0.57	26	0.26	1.47	48	<0.5
4434	Soil	<0.05	0.65	31	0.75	1.25	65	0.7
4435	Soil	<0.05	0.56	35	0.08	1.28	85	1.5
4436	Soil	0.05	0.83	37	0.12	1.84	72	1.6
4437	Soil	<0.05	0.62	38	0.18	1.27	74	1.0
4438	Soil	<0.05	0.32	7	0.05	0.49	12	0.6
4439	Soil	<0.05	0.83	39	0.11	1.38	64	1.5
4440	Soil	<0.05	1.14	43	0.07	1.14	93	3.9
4441	Soil	<0.05	0.89	44	0.12	1.22	85	2.2
4442	Soil	<0.05	0.63	36	0.07	0.94	70	2.3
4443	Soil	<0.05	0.72	27	0.14	1.88	86	<0.5
4444	Soil	<0.05	0.84	24	0.13	1.55	80	0.8
4445	Soil	<0.05	1.33	30	0.06	2.42	82	2.2
4446	Soil	<0.05	0.87	24	0.08	2.14	64	1.8
4447	Soil	<0.05	1.08	25	0.10	4.91	85	2.1
4448	Soil	<0.05	1.20	11	0.16	5.31	49	1.6
4449	Soil	<0.05	8.66	31	7.79	7.46	86	4.8
4450	Soil	<0.05	1.33	30	0.13	3.96	72	3.6
4451	Soil	<0.05	0.78	32	<0.05	0.92	96	2.0
4452	Soil	0.10	0.55	6	0.48	0.49	33	<0.5
4453	Soil	0.16	0.84	17	0.73	1.01	67	<0.5
4454	Soil	1.17	1.98	13	0.98	1.35	55	<0.5
4455	Soil	0.19	1.53	12	1.18	1.58	75	<0.5

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4456	Soil	0.35	0.87	9	0.86	0.92	63	<0.5
4457	Soil	0.09	0.66	8	1.07	0.82	69	<0.5
4458	Soil	<0.05	0.44	10	0.61	0.65	82	<0.5
4459	Soil	<0.05	0.74	13	0.61	0.97	102	<0.5
4460	Soil	0.09	0.95	26	0.19	1.18	69	0.8
4461	Soil	<0.05	0.32	5	<0.05	0.27	5	<0.5
4462	Soil	<0.05	0.87	15	0.69	0.92	136	<0.5
4463	Soil	<0.05	1.18	37	6.58	1.38	95	2.5
4464	Soil	0.05	1.29	25	0.23	0.99	66	2.2
4037	Soil	0.07	0.94	10	0.43	1.19	52	<0.5
4038	Soil	0.07	0.87	11	0.43	1.20	55	<0.5
4039	Soil	<0.05	0.23	10	0.15	0.29	14	<0.5
4040	Soil	0.17	1.14	12	0.77	0.85	72	<0.5
4041	Soil	0.10	1.09	11	0.63	0.83	76	<0.5
4042	Soil	<0.05	0.67	34	0.05	1.18	86	1.6
4043	Soil	<0.05	0.82	35	0.10	1.15	93	1.7
4044	Soil	<0.05	0.40	9	0.36	0.42	62	<0.5
4045	Soil	<0.05	0.63	28	0.12	1.33	56	1.0
4046	Soil	<0.05	0.61	30	0.08	3.12	68	3.5
4047	Soil	<0.05	0.24	9	0.07	0.35	12	<0.5
4048	Soil	<0.05	0.34	16	0.09	0.79	23	0.8
4049	Soil	<0.05	0.73	33	0.07	2.49	82	1.3
4050	Soil	<0.05	0.51	24	0.11	1.07	38	<0.5
4051	Soil	<0.05	0.55	31	0.16	1.39	53	<0.5
4052	Soil	<0.05	0.55	35	0.14	1.54	55	<0.5
4053	Soil	<0.05	2.15	30	0.07	1.95	65	3.0
4054	Soil	<0.05	0.52	25	0.10	0.87	40	<0.5
4055	Soil	<0.05	0.66	30	0.07	2.22	66	1.5
4056	Soil	<0.05	0.55	23	0.09	1.20	43	1.1
4057	Soil	<0.05	0.41	22	0.08	1.04	40	1.1
4058	Soil	<0.05	0.69	37	0.19	1.50	68	0.7
4059	Soil	<0.05	0.52	27	0.09	0.99	58	0.9
4060	Soil	<0.05	0.80	37	0.09	1.01	72	1.8
4061	Soil	<0.05	0.49	19	0.05	0.68	38	1.9
4062	Soil	<0.05	0.50	30	0.11	1.11	43	<0.5
4063	Soil	0.05	0.62	29	0.12	1.11	58	1.1
4064	Soil	<0.05	0.54	21	0.17	1.09	44	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3415	Soil		0.15	1.45	29.7	24	0.26	0.28	0.02	0.10	17.01	10.3	24	1.05	36.4
3415 Dup			0.17	1.51	30.0	25	0.21	0.28	0.02	0.10	17.82	10.5	23	1.08	26.6
QCV1109-00563-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.30					8.76				20.6			>10000
3433	Soil		0.12	1.36	10.8	19	0.24	0.32	0.02	0.08	19.31	8.8	24	0.77	24.8
3433 Dup			0.12	1.41	11.8	20	0.30	0.32	0.02	0.08	20.92	9.2	24	0.83	27.2
QCV1109-00563-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.51					8.65				21.5			>10000
4300	Soil		0.10	0.81	11.6	28	0.13	0.24	0.03	0.06	9.08	5.7	15	0.73	13.5
4300 Dup			0.09	0.80	11.3	28	0.13	0.25	0.03	0.06	8.66	5.6	16	0.71	12.4
QCV1109-00563-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.28					8.42				20.2			>10000
4318	Soil		0.75	1.23	109.8	49	0.81	0.69	0.05	1.24	28.45	23.0	17	1.92	45.3
4318 Dup			0.69	1.21	98.4	43	0.76	0.68	0.05	1.13	26.72	20.2	17	1.74	40.7
QCV1109-00563-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5873.0
7366	Soil		0.13	1.01	96.7	27	0.21	0.20	0.05	0.07	14.01	5.0	12	0.92	17.4
7366 Dup			0.13	1.03	100.1	28	0.21	0.22	0.05	0.08	14.23	5.3	13	0.90	17.6
QCV1109-00563-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.38					8.73				20.6			>10000
7391	Soil		0.21	1.32	8.1	69	1.16	0.22	0.89	0.30	11.71	6.3	9	2.29	96.7
7391 Dup			0.22	1.36	8.2	70	1.14	0.23	0.91	0.30	12.21	6.6	9	2.48	101.9
QCV1109-00563-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5972.2
7409	Soil		0.06	0.86	18.6	16	0.12	0.19	0.02	0.07	11.22	2.8	12	1.06	14.6
7409 Dup			0.06	0.91	18.9	17	0.12	0.19	0.02	0.08	10.88	3.0	14	1.02	15.0
QCV1109-00563-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5740.6
7427	Soil		0.06	2.21	8.4	35	0.19	0.33	0.39	0.05	28.75	15.4	40	0.78	18.3
7427 Dup			0.06	2.17	8.4	36	0.28	0.35	0.38	0.05	28.74	15.8	39	0.80	18.6
QCV1109-00563-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.39					8.73				22.1			>10000

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4440	Soil		0.09	2.15	14.7	17	0.20	0.40	0.03	0.07	11.10	12.8	34	1.67	28.2
4440 Dup			0.09	2.11	14.7	16	0.19	0.38	0.03	0.06	10.15	12.5	33	1.56	25.6
QCV1109-00563-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.24					8.71				20.8			>10000
4458	Soil		0.13	0.22	254.3	15	0.13	0.35	<0.01	0.19	17.66	8.2	13	1.17	27.1
4458 Dup			0.15	0.24	277.6	18	0.16	0.38	<0.01	0.19	23.79	9.1	14	1.35	29.1
QCV1109-00563-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.25					8.60				21.5			>10000
QCV1109-00563-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
4048	Soil		0.11	0.77	11.6	34	0.11	0.18	0.02	0.08	8.62	3.0	9	0.33	7.9
4048 Dup			0.10	0.72	11.3	32	0.12	0.16	0.02	0.08	7.59	2.9	8	0.31	7.7
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.33					8.61				21.9			>10000
QCV1109-00563-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.53					8.64				22.2			>10000
3415	Soil	0.016													
3415 Dup		0.010													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.419													
3433	Soil	0.007													
3433 Dup		0.007													
QCV1109-00564-0004-BLK		<0.005													
4300	Soil	0.011													
4300 Dup		0.012													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.375													
QCV1109-00564-0008-BLK		<0.005													
7366	Soil	0.012													
7366 Dup		0.010													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.010													
7391	Soil	0.005													
7391 Dup		0.009													
QCV1109-00564-0012-BLK		0.007													
7409	Soil	0.012													
7409 Dup		0.012													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.499													

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
7427	Soil	<0.005													
7427 Dup		<0.005													
QCV1109-00564-0016-BLK		<0.005													
4440	Soil	0.006													
4440 Dup		0.007													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.444													
4458	Soil	0.038													
4458 Dup		0.043													
QCV1109-00564-0020-BLK		<0.005													
4048	Soil	<0.005													
4048 Dup		<0.005													
QCV1109-00564-0022-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.956													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3415	Soil	2.94	5.08	<0.05	0.33	0.01	0.02	8.2	33.4	0.42	544	0.79	<0.01	0.34	22.8
3415 Dup		2.92	5.13	<0.05	0.16	0.02	0.02	8.5	32.2	0.41	549	0.84	<0.01	0.29	22.7
QCV1109-00563-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3433	Soil	2.98	4.43	<0.05	0.06	0.01	0.03	9.8	32.1	0.49	350	0.73	<0.01	0.26	22.9
3433 Dup		3.06	4.97	<0.05	0.05	0.01	0.03	10.6	33.7	0.55	380	0.81	<0.01	0.28	24.2
QCV1109-00563-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4300	Soil	2.05	4.52	<0.05	0.08	<0.01	0.02	4.4	18.7	0.26	537	0.84	<0.01	0.14	15.0
4300 Dup		2.00	4.31	<0.05	0.07	<0.01	0.02	4.2	19.0	0.25	548	0.87	<0.01	0.14	14.4
QCV1109-00563-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4318	Soil	3.98	4.73	<0.05	0.09	0.12	0.03	14.2	21.7	0.26	2199	1.10	<0.01	0.29	33.1
4318 Dup		3.87	4.32	<0.05	0.08	0.11	0.03	13.5	20.3	0.24	2024	1.01	<0.01	0.27	31.1
QCV1109-00563-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7366	Soil	1.98	4.11	<0.05	0.11	0.01	0.02	6.8	13.2	0.20	441	0.75	0.01	0.31	10.8
7366 Dup		1.98	4.18	<0.05	0.09	0.01	0.02	6.9	12.4	0.19	456	0.77	0.01	0.31	11.0
QCV1109-00563-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7391	Soil	1.01	2.95	<0.05	0.27	0.01	0.04	7.3	9.7	0.11	1753	0.69	0.02	0.41	12.7
7391 Dup		1.04	3.03	<0.05	0.26	0.01	0.04	7.7	9.9	0.11	1767	0.74	0.02	0.41	12.8
QCV1109-00563-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7409	Soil	1.61	3.66	<0.05	0.19	<0.01	0.03	6.9	14.7	0.22	153	0.87	0.02	0.20	11.0
7409 Dup		1.70	3.82	<0.05	0.14	<0.01	0.03	6.7	15.9	0.22	165	1.04	0.02	0.22	11.6
QCV1109-00563-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
7427	Soil	3.67	6.94	0.05	0.22	0.01	0.03	14.8	65.6	0.91	500	0.78	<0.01	0.12	43.2
7427 Dup		3.69	7.12	<0.05	0.21	0.02	0.03	14.7	65.4	1.01	512	0.81	<0.01	0.11	43.6
QCV1109-00563-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4440	Soil	3.89	7.08	<0.05	0.25	0.02	0.02	5.0	56.0	0.70	587	0.81	<0.01	0.19	37.6
4440 Dup		3.82	6.67	<0.05	0.23	0.02	0.02	4.7	49.9	0.65	562	0.83	<0.01	0.18	35.8
QCV1109-00563-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4458	Soil	2.16	1.95	<0.05	<0.02	0.03	0.02	10.1	0.3	0.02	119	1.32	<0.01	0.17	22.6
4458 Dup		2.19	2.25	<0.05	<0.02	0.03	0.02	13.4	0.3	0.02	131	1.38	<0.01	0.18	25.0
QCV1109-00563-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-00563-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4048	Soil	1.22	3.71	<0.05	0.06	<0.01	0.02	4.4	8.7	0.13	163	0.88	0.01	0.23	8.6
4048 Dup		1.17	3.57	<0.05	0.15	<0.01	0.02	3.8	8.8	0.12	160	0.82	0.01	0.22	8.3
QCV1109-00563-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Certificate of Analysis

11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3415	Soil	622	16.1	2.8	<0.01	0.03	0.65	0.7	0.2	0.2	3.9	0.02	0.05	1.4	<0.005
3415 Dup		640	16.2	2.9	<0.01	0.03	0.65	0.6	0.3	0.2	4.1	0.02	0.05	1.3	<0.005
QCV1109-00563-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				1.77		12.5	16.5					
3433	Soil	675	16.8	2.8	<0.01	0.02	0.38	0.6	0.3	<0.2	2.6	<0.01	0.05	2.0	<0.005
3433 Dup		675	18.7	3.3	<0.01	0.02	0.39	0.6	0.3	0.2	2.8	<0.01	0.07	1.9	<0.005
QCV1109-00563-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				1.84		13.3	17.0					
4300	Soil	695	11.3	3.4	<0.01	0.02	0.42	0.4	<0.2	<0.2	3.9	<0.01	0.04	0.8	<0.005
4300 Dup		694	11.6	3.4	<0.01	0.03	0.40	0.4	<0.2	<0.2	3.7	<0.01	0.04	0.8	<0.005
QCV1109-00563-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				1.69		12.8	15.6					
4318	Soil	792	320.3	5.1	<0.01	0.05	5.50	1.5	0.6	0.4	8.6	<0.01	0.11	2.3	<0.005
4318 Dup		782	293.3	4.6	<0.01	0.05	4.72	1.3	0.4	0.4	7.9	0.01	0.11	2.3	<0.005
QCV1109-00563-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7366	Soil	623	15.1	3.3	<0.01	0.04	0.72	0.3	0.4	0.3	5.4	0.01	0.03	0.4	<0.005
7366 Dup		624	14.4	3.3	<0.01	0.04	0.71	0.3	0.3	0.3	5.3	<0.01	0.04	0.4	<0.005
QCV1109-00563-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.5				2.25		12.8	15.5					
7391	Soil	710	13.3	4.2	<0.01	0.06	0.59	1.4	0.7	<0.2	19.1	0.01	0.05	2.1	<0.005
7391 Dup		738	13.7	4.4	<0.01	0.07	0.62	1.4	0.6	0.2	20.1	0.01	0.04	2.1	<0.005
QCV1109-00563-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7409	Soil	557	13.3	3.4	<0.01	0.05	0.38	0.2	0.3	<0.2	4.4	<0.01	0.03	0.4	<0.005
7409 Dup		578	11.7	3.5	<0.01	0.05	0.38	0.2	0.3	<0.2	4.4	<0.01	0.02	0.5	<0.005
QCV1109-00563-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
7427	Soil	402	15.4	3.7	<0.01	0.03	0.27	2.1	<0.2	<0.2	18.8	<0.01	0.04	7.0	<0.005
7427 Dup		400	16.3	3.7	<0.01	0.03	0.26	2.1	<0.2	<0.2	19.6	<0.01	0.05	7.1	<0.005
QCV1109-00563-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.6				1.76		12.7	16.3					

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11-360-06882-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4440	Soil	714	25.6	2.6	<0.01	0.03	0.45	1.4	<0.2	<0.2	2.5	<0.01	0.06	4.9	<0.005
4440 Dup		714	25.1	2.5	<0.01	0.03	0.44	1.3	<0.2	<0.2	2.3	<0.01	0.03	4.7	<0.005
QCV1109-00563-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.1				1.88		12.9	15.8					
4458	Soil	193	51.9	3.2	<0.01	<0.01	1.51	0.7	<0.2	0.3	15.0	<0.01	0.05	4.2	<0.005
4458 Dup		209	57.7	3.8	<0.01	<0.01	1.68	0.9	<0.2	0.3	23.0	<0.01	0.08	5.3	<0.005
QCV1109-00563-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				1.86		12.8	15.2					
QCV1109-00563-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
4048	Soil	376	7.6	2.4	<0.01	0.02	0.30	0.2	<0.2	<0.2	4.7	<0.01	<0.01	0.4	<0.005
4048 Dup		357	6.9	2.2	<0.01	0.02	0.24	0.2	<0.2	<0.2	4.2	<0.01	<0.01	0.3	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.5				1.72		13.5	15.2					
QCV1109-00563-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.8				1.81		14.5	15.7					

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3415	Soil	<0.05	0.64	31	0.10	1.42	70	1.6
3415 Dup		<0.05	0.64	32	0.10	1.43	71	1.7
QCV1109-00563-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
3433	Soil	<0.05	0.45	36	0.11	1.31	59	1.0
3433 Dup		<0.05	0.45	37	0.10	1.42	60	1.1
QCV1109-00563-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
4300	Soil	<0.05	0.41	22	0.06	0.77	39	0.9
4300 Dup		<0.05	0.42	22	0.06	0.74	39	0.9
QCV1109-00563-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
4318	Soil	0.06	1.56	25	0.16	10.58	221	1.5
4318 Dup		0.06	1.54	24	0.16	9.41	216	1.3
QCV1109-00563-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4948	
7366	Soil	<0.05	0.43	22	0.10	1.34	39	0.9
7366 Dup		<0.05	0.44	22	0.12	1.38	39	0.9
QCV1109-00563-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
7391	Soil	<0.05	2.68	12	0.06	14.95	33	4.9
7391 Dup		<0.05	2.66	13	0.21	15.40	34	4.9
QCV1109-00563-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4924	
7409	Soil	<0.05	0.61	18	0.08	0.79	36	0.9
7409 Dup		<0.05	0.63	18	0.08	0.84	37	1.2
QCV1109-00563-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4882	
7427	Soil	<0.05	0.97	51	<0.05	2.17	102	4.5
7427 Dup		<0.05	0.98	50	0.05	2.18	101	4.5
QCV1109-00563-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							177	

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4440	Soil	<0.05	1.14	43	0.07	1.14	93	3.9
4440 Dup		<0.05	1.11	42	0.06	1.10	95	3.8
QCV1109-00563-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
4458	Soil	<0.05	0.44	10	0.61	0.65	82	<0.5
4458 Dup		<0.05	0.51	11	0.62	0.79	86	<0.5
QCV1109-00563-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
QCV1109-00563-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
4048	Soil	<0.05	0.34	16	0.09	0.79	23	0.8
4048 Dup		<0.05	0.31	15	0.07	0.74	22	0.7
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
QCV1109-00563-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	

3.Ace Property, Northern Tiger Resources Inc.
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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 5**
Client Reference: **Soil 5**
Description: **3 ACE**

Date Received: 09/16/2011
Date Completed: 10/13/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	83	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

INSPECTORATE
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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07328-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1207	Soil	0.006	0.04	1.52	11.6	34	0.71	0.38	0.10	0.05	33.54	20.7	18	1.41	29.7
1208	Soil	0.006	0.04	0.87	24.7	36	0.36	0.32	0.17	0.11	25.68	13.9	12	0.62	20.9
1209	Soil	0.010	0.03	1.47	11.9	25	0.45	0.32	0.07	0.10	26.21	16.7	19	0.51	24.5
1210	Soil	<0.005	0.04	1.65	18.8	19	0.73	0.39	0.03	0.08	23.46	15.0	22	0.82	32.0
1211	Soil	0.007	0.09	1.40	9.5	32	0.42	0.46	0.03	0.11	11.11	9.9	19	0.80	17.7
1212	Soil	0.013	0.14	1.87	73.8	28	1.40	4.60	0.05	0.13	16.13	24.2	23	1.83	100.1
1213	Soil	0.010	0.11	1.76	12.2	17	0.41	0.41	0.05	0.07	22.15	18.7	21	0.37	21.8
1214	Soil	<0.005	0.10	1.56	14.6	24	0.55	0.37	0.06	0.10	28.16	12.0	19	0.53	24.1
1215	Soil	0.010	0.11	1.35	12.3	45	0.41	0.37	0.05	0.14	19.14	11.0	20	0.75	19.8
1216	Soil	<0.005	0.03	1.46	15.3	16	0.32	0.33	0.03	0.11	17.94	10.4	19	0.39	18.8
1217	Soil	0.006	0.04	1.60	14.8	32	0.24	0.34	0.02	0.13	17.80	9.3	23	0.51	20.3
1218	Soil	0.005	0.05	1.53	13.9	26	0.43	0.32	0.02	0.14	15.57	10.6	19	0.62	23.6
1219	Soil	0.007	0.05	1.04	13.4	40	0.36	0.28	0.03	0.14	15.75	7.9	17	0.52	22.4
1220	Soil	0.006	0.03	1.60	14.1	43	0.51	0.33	0.06	0.15	27.89	10.0	25	0.74	26.4
1221	Soil	<0.005	0.05	1.88	4.5	63	0.69	0.27	0.32	0.21	23.38	12.0	31	2.13	27.9
1222	Soil	<0.005	0.03	1.39	4.5	26	0.44	0.30	0.06	0.06	31.42	14.0	22	1.03	23.1
1223	Soil	<0.005	0.04	2.01	12.7	36	0.92	0.67	0.07	0.08	39.14	20.6	29	3.47	116.8
1224	Soil	<0.005	0.10	2.35	8.2	24	0.34	0.66	0.03	0.11	18.71	18.0	34	1.24	40.7
1225	Soil	<0.005	0.09	2.99	8.2	37	0.81	0.54	0.14	0.13	46.15	26.2	42	3.12	86.0
1226	Soil	<0.005	0.07	1.14	2.5	32	1.04	0.23	0.09	0.06	13.93	10.5	17	1.81	43.9
1227	Soil	<0.005	0.04	3.02	16.1	19	0.49	0.32	0.07	0.11	33.35	25.2	49	2.34	57.9
1228	Soil	<0.005	0.04	3.05	16.7	23	0.46	0.52	0.06	0.12	41.94	26.7	47	1.64	42.5
1229	Soil	<0.005	0.03	2.74	16.2	29	0.54	0.48	0.03	0.14	38.25	19.5	43	1.30	39.6
1230	Soil	0.007	0.05	1.67	5.8	26	0.32	0.29	0.02	0.11	26.18	10.1	28	0.85	21.7
1231	Soil	<0.005	0.06	1.17	4.5	51	0.43	0.22	0.13	0.13	13.78	6.8	18	1.15	18.8
1232	Soil	<0.005	0.06	1.56	6.9	68	0.39	0.34	0.02	0.24	19.88	14.9	37	1.12	28.9
1233	Soil	0.006	0.05	1.67	7.8	42	0.53	0.30	0.03	0.25	16.34	14.5	27	0.82	46.8
1234	Soil	<0.005	0.02	1.59	7.3	39	0.57	0.34	0.01	0.12	27.75	14.3	26	1.14	54.9
1235	Soil	0.007	0.03	1.35	17.1	36	0.50	0.33	0.03	0.24	26.92	12.8	29	0.67	28.2
1236	Soil	<0.005	0.06	1.16	12.1	35	0.44	0.26	0.03	0.27	18.87	8.9	22	0.54	18.1
1237	Soil	<0.005	0.06	1.17	9.1	43	0.40	0.34	0.03	0.28	13.99	10.1	24	0.51	16.7
1238	Soil	<0.005	0.06	1.38	11.4	38	0.42	0.36	0.06	0.19	20.57	12.1	8	0.60	20.4
1239	Soil	<0.005	0.20	1.59	12.8	41	0.71	0.43	0.09	0.21	17.57	17.5	11	0.58	23.6
1240	Soil	<0.005	0.11	1.39	21.0	36	0.81	0.40	0.21	0.15	18.36	20.6	7	1.18	34.0
1241	Soil	0.010	0.30	1.53	25.1	13	0.74	0.39	0.02	0.11	12.51	15.0	<1	0.56	36.5
1242	Soil	<0.005	0.06	1.52	16.3	45	0.88	0.41	0.07	0.12	22.14	9.8	5	0.73	26.5
1243	Soil	<0.005	0.07	0.43	2.1	53	0.19	0.11	0.03	0.17	4.79	3.6	<1	0.34	6.9
1244	Soil	<0.005	0.12	1.41	11.8	39	0.52	0.33	0.07	0.27	23.17	9.7	9	0.62	19.4
1245	Soil	<0.005	0.17	0.94	11.0	46	0.80	0.34	0.17	0.19	17.76	14.5	<1	1.10	26.6
1246	Soil	<0.005	0.06	1.00	13.7	43	0.97	0.29	0.10	0.14	29.52	28.8	<1	0.59	23.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1247	Soil	<0.005	0.17	0.62	7.0	42	0.30	0.20	0.04	0.25	9.26	7.5	<1	0.49	11.1
1248	Soil	<0.005	0.15	1.02	30.8	37	0.35	0.28	0.03	0.21	17.17	6.6	1	0.94	13.8
1249	Soil	<0.005	0.19	1.78	20.7	45	0.96	0.38	0.20	0.15	16.79	11.9	4	1.44	29.3
1250	Soil	<0.005	0.08	1.25	16.8	20	0.81	0.34	0.15	0.17	16.36	17.5	<1	0.94	24.3
1251	Soil	<0.005	0.06	1.31	12.3	24	0.49	0.34	0.06	0.07	18.69	12.9	15	0.46	23.8
1252	Soil	0.006	0.07	1.60	20.3	24	0.72	0.34	0.11	0.16	16.19	21.2	22	0.60	35.1
1253	Soil	0.005	0.08	0.40	6.8	26	0.32	0.12	2.23	0.49	3.18	7.7	18	0.21	18.8
1254	Soil	<0.005	0.08	0.48	4.6	67	0.22	0.17	0.11	0.32	5.84	8.2	10	0.33	9.9
1255	Soil	<0.005	0.07	1.72	13.0	48	0.74	0.41	0.07	0.22	20.89	19.6	22	0.72	23.1
1256	Soil	<0.005	0.05	1.37	12.0	35	0.39	0.29	0.02	0.17	19.27	6.7	18	0.78	16.4
1257	Soil	<0.005	0.02	1.71	16.5	35	0.50	0.33	0.02	0.19	24.08	11.0	25	0.52	26.1
1258	Soil	0.006	0.07	0.96	4.2	25	0.25	0.16	0.02	0.09	10.75	4.0	10	0.86	16.3
1259	Soil	0.007	0.06	1.25	6.4	73	0.45	0.33	0.02	0.20	13.86	14.0	25	1.03	23.4
1260	Soil	<0.005	0.10	1.33	5.8	89	0.31	0.28	0.02	0.26	12.49	11.5	31	0.82	23.5
1261	Soil	<0.005	0.05	1.40	8.0	42	0.38	0.32	0.01	0.15	16.23	11.4	27	0.81	31.8
1262	Soil	0.006	0.04	1.62	13.3	29	0.75	0.26	0.07	0.10	23.49	15.1	21	0.69	38.1
1263	Soil	0.012	0.07	1.56	12.0	39	0.48	0.29	0.08	0.12	14.09	11.9	21	0.75	28.7
1264	Soil	0.014	0.07	1.97	13.7	35	0.30	0.36	0.02	0.15	13.74	15.5	30	1.07	23.6
1265	Soil	<0.005	0.10	2.69	17.4	26	0.65	0.32	0.06	0.08	36.04	41.7	38	2.97	58.1
1266	Soil	<0.005	0.09	2.72	18.1	25	0.65	0.35	0.06	0.07	33.35	45.6	41	2.80	57.1
1267	Soil	<0.005	0.09	2.89	19.2	24	0.67	0.40	0.07	0.07	15.02	27.9	41	2.94	62.1
1268	Soil	<0.005	0.05	2.83	14.8	20	0.82	0.35	0.06	0.08	47.49	23.9	45	5.21	48.6
1269	Soil	0.006	0.04	2.84	18.0	22	0.76	0.41	0.02	0.07	27.26	33.7	44	1.88	65.6
1270	Soil	<0.005	0.15	2.51	15.8	20	0.48	0.41	0.01	0.08	22.67	21.2	37	2.76	48.4
1271	Soil	0.006	0.09	1.75	9.5	24	0.48	0.33	0.03	0.16	11.50	8.7	25	4.16	28.6
1272	Soil	0.021	0.08	2.74	35.4	26	1.13	0.43	0.07	0.14	34.60	46.4	41	2.77	68.9
1273	Soil	0.008	0.12	2.15	28.1	33	1.10	0.45	0.05	0.08	50.02	36.5	30	3.50	62.6
1274	Soil	<0.005	0.06	3.11	18.3	20	1.19	0.56	0.02	0.10	25.87	31.8	44	6.20	62.6
1275	Soil	0.010	0.26	2.61	23.8	22	1.12	0.56	0.02	0.10	19.11	23.0	39	5.70	65.7
1276	Soil	0.012	0.18	2.33	140.8	31	1.07	0.52	0.03	0.10	22.86	26.3	30	4.17	52.0
1277	Soil	0.008	0.09	3.00	26.5	23	0.70	0.62	0.02	0.10	23.19	16.1	38	3.49	49.0
1278	Soil	<0.005	0.07	3.20	14.2	17	0.64	0.49	0.05	0.10	21.54	25.3	47	1.58	47.3
1279	Soil	0.016	0.10	1.51	7.8	31	0.45	0.30	0.03	0.08	18.68	6.5	19	2.07	20.0
1280	Soil	0.008	0.04	1.99	7.5	25	0.30	0.25	0.05	0.08	10.02	9.8	26	2.25	22.1
1281	Soil	0.016	0.18	2.10	36.9	27	1.12	0.48	0.04	0.10	18.12	20.8	27	3.51	51.5
1282	Soil	0.986	0.32	0.39	815.6	31	1.14	0.66	0.21	0.13	29.40	24.9	6	1.75	50.4
1283	Soil	0.470	0.18	0.25	1057.5	30	0.53	0.29	0.15	0.13	17.36	18.3	8	1.05	22.3
1284	Soil	0.173	0.20	0.36	388.0	26	1.01	0.62	0.12	0.09	36.61	22.9	8	1.29	42.9
1285	Soil	0.253	0.18	0.71	258.5	26	1.03	0.56	0.12	0.06	34.79	21.6	9	1.52	44.6
1286	Soil	0.422	0.30	0.92	1428.1	50	1.22	0.90	0.17	0.14	36.75	22.5	12	1.41	49.5

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1287	Soil	0.266	0.16	1.13	436.9	24	0.78	0.47	0.06	0.08	41.92	17.2	17	1.36	41.1
1288	Soil	0.019	0.11	1.30	65.0	32	0.81	0.76	0.08	0.11	29.48	19.2	18	1.45	42.6
1289	Soil	0.009	0.06	2.57	17.4	23	0.78	0.53	0.05	0.11	22.10	30.0	34	3.25	48.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1207	Soil	3.02	3.97	0.10	0.08	0.02	0.02	15.9	40.6	0.52	399	1.01	<0.01	0.12	33.7
1208	Soil	2.61	3.03	0.09	0.08	0.02	0.02	12.3	15.9	0.23	361	1.06	<0.01	0.18	22.5
1209	Soil	2.70	4.15	0.09	0.04	0.01	0.02	11.1	39.3	0.54	417	0.96	<0.01	0.33	31.4
1210	Soil	3.46	4.81	0.10	0.07	0.01	0.02	11.4	49.1	0.60	242	1.03	<0.01	0.26	33.1
1211	Soil	2.87	4.60	0.10	0.10	0.01	0.03	6.0	39.6	0.49	376	0.99	<0.01	0.28	26.4
1212	Soil	4.01	5.35	0.11	0.16	0.02	0.03	8.9	48.1	0.63	346	2.50	<0.01	<0.05	40.9
1213	Soil	3.19	4.30	0.10	1.72	0.02	0.02	10.3	60.1	0.75	447	0.68	<0.01	0.22	32.2
1214	Soil	2.95	4.16	0.10	0.48	0.02	0.02	13.4	42.1	0.57	327	0.88	<0.01	0.33	30.7
1215	Soil	3.13	4.66	0.09	0.28	0.02	0.03	9.2	28.5	0.37	799	1.01	<0.01	0.41	21.2
1216	Soil	3.00	4.09	0.09	0.20	0.01	0.02	8.5	40.2	0.52	271	0.86	<0.01	0.27	26.7
1217	Soil	3.32	5.24	0.09	0.17	0.02	0.02	8.7	32.8	0.46	554	1.12	<0.01	0.40	23.7
1218	Soil	2.75	4.41	0.09	0.28	0.01	0.02	7.3	35.5	0.45	525	1.21	<0.01	0.25	24.0
1219	Soil	2.37	3.84	0.08	0.12	0.02	0.02	7.9	21.1	0.28	556	1.31	<0.01	0.26	18.1
1220	Soil	3.07	4.99	0.09	0.07	0.02	0.03	13.0	42.7	0.58	469	1.16	<0.01	0.35	29.9
1221	Soil	2.92	5.37	0.09	0.19	0.02	0.03	12.6	52.6	0.82	418	1.58	<0.01	0.34	35.3
1222	Soil	2.95	4.35	0.10	0.04	<0.01	0.03	14.7	52.2	0.73	371	0.60	0.01	0.21	34.1
1223	Soil	3.65	5.61	0.10	0.03	0.02	0.02	17.0	64.3	0.92	525	0.67	<0.01	0.17	47.1
1224	Soil	3.74	6.58	0.08	0.29	0.02	0.01	9.5	78.9	0.98	779	1.95	<0.01	0.20	38.7
1225	Soil	4.36	8.53	0.10	0.13	0.02	0.02	23.4	104.6	1.32	892	1.12	<0.01	<0.05	52.6
1226	Soil	2.23	3.42	0.08	0.04	<0.01	0.02	6.2	34.4	0.42	326	0.54	0.01	0.23	22.1
1227	Soil	4.79	9.14	0.09	0.19	0.02	0.02	16.1	103.4	1.22	695	0.77	<0.01	<0.05	52.1
1228	Soil	4.71	9.04	0.10	0.14	0.02	0.02	23.0	109.8	1.29	1367	0.83	<0.01	0.10	51.6
1229	Soil	4.37	8.28	0.11	0.18	0.02	0.02	20.1	93.1	1.11	1013	1.50	<0.01	0.24	48.3
1230	Soil	2.88	5.43	0.09	0.06	0.01	0.02	12.7	54.0	0.70	581	0.85	<0.01	0.23	26.0
1231	Soil	1.91	4.19	0.08	0.03	0.01	0.02	6.9	30.0	0.38	542	1.18	0.01	0.28	16.1
1232	Soil	3.52	5.93	0.09	0.06	0.02	0.03	9.5	46.9	0.69	1678	2.06	<0.01	0.34	32.5
1233	Soil	3.08	4.34	0.10	0.07	0.02	0.02	7.1	52.1	0.78	1046	1.57	<0.01	0.23	34.1
1234	Soil	3.14	4.16	0.11	0.07	0.02	0.02	13.4	57.4	0.84	752	1.27	<0.01	0.19	30.3
1235	Soil	3.26	4.73	0.10	0.08	0.03	0.02	11.6	37.0	0.48	939	1.55	<0.01	0.47	28.0
1236	Soil	2.34	4.14	0.10	0.05	0.02	0.03	8.5	24.0	0.26	678	2.18	<0.01	0.48	21.1
1237	Soil	2.67	4.47	0.09	0.06	0.01	0.04	6.8	29.1	0.33	865	2.06	<0.01	0.30	22.0
1238	Soil	3.25	4.39	0.09	0.09	0.02	0.04	9.6	34.9	0.42	713	1.67	<0.01	0.35	25.3
1239	Soil	3.44	4.94	0.10	0.09	0.02	0.04	8.8	59.7	0.66	818	2.09	<0.01	0.27	36.4
1240	Soil	3.25	4.53	0.08	0.08	0.02	0.04	9.0	41.4	0.45	572	1.61	<0.01	0.19	31.2
1241	Soil	3.45	4.43	0.10	0.17	0.01	0.02	6.0	63.1	0.64	277	0.94	<0.01	0.16	34.3
1242	Soil	3.47	5.26	0.09	0.04	0.02	0.03	10.2	45.1	0.54	360	1.18	<0.01	0.58	25.9
1243	Soil	0.81	1.97	0.07	0.03	<0.01	0.02	2.3	1.8	0.03	615	1.01	0.01	0.16	5.1
1244	Soil	3.99	4.85	0.10	0.05	0.02	0.04	8.5	26.5	0.34	319	2.40	<0.01	0.54	22.3
1245	Soil	1.89	4.00	0.09	0.07	0.02	0.03	8.3	42.1	0.33	194	1.04	<0.01	0.29	29.8
1246	Soil	2.25	2.98	0.09	0.09	0.03	0.02	11.6	39.8	0.34	627	1.00	<0.01	0.15	36.6

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1247	Soil	1.50	2.78	0.07	1.94	<0.01	0.02	4.2	20.0	0.17	303	2.14	<0.01	0.36	20.5
1248	Soil	3.33	3.75	0.09	0.33	0.02	0.03	8.5	14.1	0.20	252	1.53	<0.01	0.37	17.4
1249	Soil	3.26	3.58	0.08	0.21	0.03	0.05	7.6	33.1	0.41	387	1.08	0.01	0.41	27.2
1250	Soil	3.15	3.19	0.09	0.23	0.02	0.03	7.2	44.1	0.50	582	0.96	<0.01	0.14	29.1
1251	Soil	2.76	3.52	0.10	0.18	0.01	0.02	8.6	49.1	0.53	276	0.84	<0.01	0.20	27.4
1252	Soil	3.19	4.22	0.09	0.29	0.02	0.02	7.6	62.4	0.64	791	1.24	<0.01	0.15	34.9
1253	Soil	0.84	1.07	<0.05	0.48	<0.01	0.06	1.3	14.3	0.33	539	1.77	<0.01	0.16	18.7
1254	Soil	1.32	2.55	0.05	0.04	<0.01	0.04	2.8	10.7	0.14	1019	1.47	0.01	0.14	10.5
1255	Soil	3.26	5.19	0.07	0.07	0.02	0.04	9.4	59.8	0.62	1284	1.12	<0.01	0.38	28.7
1256	Soil	2.47	5.02	0.08	0.04	0.02	0.02	9.0	34.1	0.37	287	1.25	<0.01	0.70	18.7
1257	Soil	3.60	4.93	0.09	0.07	0.03	0.02	10.4	49.2	0.54	616	1.47	<0.01	0.58	27.2
1258	Soil	1.46	3.77	0.08	0.06	0.01	0.02	5.1	11.9	0.16	364	1.13	0.01	0.41	10.5
1259	Soil	3.35	6.39	0.09	0.04	0.02	0.03	6.4	30.1	0.39	2180	1.63	<0.01	0.44	17.9
1260	Soil	2.72	5.70	0.09	<0.02	0.02	0.02	6.2	25.4	0.33	2649	2.58	<0.01	0.29	22.0
1261	Soil	3.50	5.49	0.11	0.08	0.02	0.02	7.6	41.4	0.51	1008	1.37	<0.01	0.42	23.4
1262	Soil	3.04	4.40	0.10	0.07	0.01	0.02	11.3	57.3	0.64	517	0.85	<0.01	0.30	32.0
1263	Soil	3.00	5.01	0.11	0.05	0.02	0.03	6.9	58.0	0.64	674	0.91	<0.01	0.32	27.1
1264	Soil	3.43	6.35	0.11	0.03	0.02	0.03	6.8	79.1	0.81	1193	1.15	<0.01	0.23	32.2
1265	Soil	4.19	8.39	0.13	0.17	0.02	0.02	18.1	119.5	1.10	1082	0.81	<0.01	0.15	47.4
1266	Soil	4.31	8.71	0.14	0.20	0.02	0.02	16.5	122.4	1.13	1214	0.84	<0.01	0.16	46.7
1267	Soil	4.66	8.39	0.13	0.15	0.02	0.01	6.0	107.2	1.16	775	0.73	<0.01	<0.05	50.1
1268	Soil	4.82	8.91	0.13	0.13	0.02	0.01	23.2	116.4	1.09	809	0.52	<0.01	<0.05	51.4
1269	Soil	5.28	9.27	0.15	0.13	0.03	0.01	12.5	130.5	1.13	1028	0.67	<0.01	<0.05	65.4
1270	Soil	4.52	8.00	0.12	0.17	0.03	0.02	10.1	96.9	0.87	635	0.78	<0.01	0.20	44.0
1271	Soil	2.89	5.71	0.12	0.06	0.02	0.02	5.1	61.0	0.58	365	0.94	0.01	0.30	25.7
1272	Soil	4.74	8.39	0.14	0.07	0.03	0.01	15.8	124.1	1.15	1324	0.73	<0.01	0.05	60.3
1273	Soil	4.25	6.98	0.16	0.04	0.03	0.02	23.4	97.0	0.88	957	0.65	<0.01	0.06	51.4
1274	Soil	5.09	9.48	0.15	0.26	0.04	0.02	10.4	124.4	1.14	855	0.89	<0.01	0.29	47.3
1275	Soil	4.57	8.63	0.12	0.20	0.03	0.02	7.7	102.7	0.94	773	0.94	<0.01	0.33	40.2
1276	Soil	4.25	7.34	0.15	0.14	0.03	0.02	9.5	92.0	0.85	776	0.79	<0.01	0.17	45.3
1277	Soil	4.70	9.06	0.15	0.25	0.03	0.02	10.8	116.7	1.10	547	0.96	<0.01	0.31	43.9
1278	Soil	4.92	10.11	0.18	0.23	0.02	0.01	8.8	165.0	1.29	616	0.91	<0.01	0.10	56.5
1279	Soil	2.34	4.85	0.13	0.07	0.01	0.02	9.0	49.3	0.40	329	0.91	0.01	0.29	17.2
1280	Soil	2.88	5.90	0.15	0.23	0.02	0.02	4.0	95.7	0.76	370	0.67	0.01	0.19	31.4
1281	Soil	3.60	6.36	0.12	1.74	0.02	0.02	7.5	88.7	0.78	529	1.02	<0.01	0.25	40.2
1282	Soil	3.30	1.43	0.11	0.45	0.04	0.03	14.6	13.6	0.14	1031	0.71	<0.01	0.09	50.3
1283	Soil	2.73	0.89	0.10	0.21	0.02	0.02	8.3	5.6	0.06	835	0.98	<0.01	0.07	38.0
1284	Soil	3.74	1.34	0.12	0.15	0.03	0.02	19.1	8.2	0.11	969	0.78	<0.01	0.05	48.8
1285	Soil	3.56	2.21	0.11	0.15	0.03	0.02	18.6	25.6	0.26	731	0.81	<0.01	0.06	41.5
1286	Soil	4.10	2.87	0.13	0.30	0.04	0.03	19.1	37.6	0.33	1727	0.91	<0.01	0.08	54.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1287	Soil	3.51	3.82	0.11	0.13	0.03	0.02	21.6	52.0	0.43	601	0.79	<0.01	0.09	43.3
1288	Soil	3.18	4.41	0.12	0.09	0.03	0.01	13.4	65.4	0.51	493	0.57	<0.01	0.05	34.7
1289	Soil	4.13	7.70	0.15	0.16	0.03	0.01	10.2	115.1	1.02	559	0.78	<0.01	0.09	52.1

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1207	Soil	349	26.4	3.0	<0.01	<0.01	1.19	1.5	<0.2	0.2	8.0	<0.01	0.07	9.0	<0.005
1208	Soil	685	26.4	2.9	<0.01	0.03	2.16	0.9	<0.2	<0.2	11.2	<0.01	0.05	4.5	<0.005
1209	Soil	549	22.2	2.8	<0.01	0.01	0.85	1.5	0.3	<0.2	9.0	<0.01	0.06	8.1	0.007
1210	Soil	475	17.2	2.5	<0.01	0.02	1.33	1.0	<0.2	<0.2	5.6	<0.01	0.08	5.4	<0.005
1211	Soil	931	12.6	4.1	<0.01	0.06	0.61	0.7	<0.2	<0.2	5.6	<0.01	0.10	3.4	<0.005
1212	Soil	458	28.6	2.9	<0.01	0.02	4.81	2.1	<0.2	<0.2	12.1	<0.01	0.27	37.6	<0.005
1213	Soil	439	20.9	1.6	<0.01	0.01	0.63	1.3	<0.2	<0.2	6.4	<0.01	0.06	8.4	<0.005
1214	Soil	529	19.4	2.5	<0.01	0.02	0.85	1.1	<0.2	<0.2	7.5	<0.01	0.07	5.5	<0.005
1215	Soil	960	18.3	4.4	<0.01	0.07	0.77	0.6	<0.2	0.3	6.0	<0.01	0.07	1.8	<0.005
1216	Soil	558	15.0	1.9	<0.01	0.03	1.05	0.8	<0.2	<0.2	4.7	<0.01	0.06	3.5	<0.005
1217	Soil	792	17.6	2.8	<0.01	0.05	1.00	0.6	<0.2	0.2	4.4	<0.01	0.06	2.1	<0.005
1218	Soil	745	19.3	3.1	<0.01	0.03	1.09	0.6	<0.2	<0.2	4.5	<0.01	0.06	1.6	<0.005
1219	Soil	831	13.1	3.5	<0.01	0.06	1.14	0.4	0.3	0.2	5.6	<0.01	0.05	0.6	<0.005
1220	Soil	674	15.6	4.5	<0.01	0.02	0.83	1.4	0.3	0.3	8.4	<0.01	0.07	2.1	0.006
1221	Soil	936	9.5	5.7	<0.01	0.03	0.43	2.3	<0.2	0.3	13.7	<0.01	0.06	4.0	<0.005
1222	Soil	463	5.3	3.3	<0.01	<0.01	0.23	1.1	<0.2	<0.2	5.4	<0.01	0.08	2.8	0.011
1223	Soil	398	7.6	3.3	<0.01	<0.01	1.68	2.1	<0.2	<0.2	6.0	<0.01	0.07	10.4	<0.005
1224	Soil	703	31.9	2.3	<0.01	0.03	0.25	1.5	<0.2	<0.2	3.0	<0.01	0.09	5.2	<0.005
1225	Soil	350	34.9	2.1	<0.01	<0.01	0.22	3.2	<0.2	<0.2	7.4	<0.01	0.09	16.0	<0.005
1226	Soil	484	6.4	2.5	<0.01	<0.01	0.18	1.2	<0.2	<0.2	6.3	<0.01	0.04	2.6	0.009
1227	Soil	301	28.3	1.5	<0.01	<0.01	0.46	3.1	<0.2	<0.2	4.1	<0.01	0.09	13.4	<0.005
1228	Soil	525	39.3	2.2	<0.01	0.01	0.25	2.2	<0.2	<0.2	3.9	<0.01	0.10	8.4	<0.005
1229	Soil	790	46.7	3.2	<0.01	0.03	0.90	1.8	<0.2	<0.2	4.6	<0.01	0.09	5.4	<0.005
1230	Soil	724	16.4	3.0	<0.01	0.04	0.27	0.5	<0.2	0.2	4.1	<0.01	0.05	0.9	<0.005
1231	Soil	925	7.5	4.0	<0.01	0.06	0.32	0.3	<0.2	0.2	8.3	<0.01	0.05	<0.2	<0.005
1232	Soil	1490	20.0	4.6	<0.01	0.07	0.53	0.8	<0.2	0.3	5.3	<0.01	0.06	1.3	<0.005
1233	Soil	1016	11.0	2.3	<0.01	0.05	0.71	0.8	<0.2	<0.2	5.5	<0.01	0.06	1.5	<0.005
1234	Soil	639	12.8	2.7	<0.01	0.01	0.51	1.5	<0.2	<0.2	8.2	<0.01	0.06	3.7	<0.005
1235	Soil	834	27.8	3.7	<0.01	0.03	1.12	1.0	0.3	0.4	5.3	<0.01	0.06	1.0	0.007
1236	Soil	810	15.5	3.2	<0.01	0.05	1.10	0.5	<0.2	0.3	5.2	<0.01	0.06	0.6	<0.005
1237	Soil	1349	19.8	5.3	<0.01	0.07	0.63	0.4	<0.2	0.2	6.1	<0.01	0.05	0.9	0.007
1238	Soil	1162	8.3	3.8	<0.01	0.04	0.99	0.6	0.3	0.2	7.2	<0.01	0.04	2.1	0.007
1239	Soil	534	12.6	3.4	<0.01	0.04	0.57	1.1	<0.2	<0.2	9.6	<0.01	0.08	4.1	<0.005
1240	Soil	853	14.8	3.9	<0.01	0.07	1.31	0.8	<0.2	<0.2	15.8	<0.01	0.06	2.9	<0.005
1241	Soil	123	32.3	1.7	<0.01	0.02	1.18	1.1	<0.2	<0.2	5.0	<0.01	0.05	9.0	<0.005
1242	Soil	377	18.5	4.4	<0.01	0.03	0.79	0.8	0.3	0.4	8.8	<0.01	0.05	1.1	0.009
1243	Soil	499	<0.2	1.8	<0.01	0.07	0.29	0.1	<0.2	<0.2	4.7	<0.01	0.01	<0.2	<0.005
1244	Soil	901	8.5	3.5	<0.01	0.08	0.95	0.5	0.2	0.3	7.6	<0.01	0.06	1.0	0.007
1245	Soil	193	3.6	4.2	<0.01	<0.01	0.76	2.2	<0.2	0.2	18.9	<0.01	0.05	8.3	0.005
1246	Soil	<5	16.3	1.9	<0.01	<0.01	1.45	1.7	<0.2	<0.2	12.9	<0.01	0.05	15.0	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1247	Soil	719	<0.2	2.5	<0.01	0.03	0.52	0.5	<0.2	<0.2	5.1	<0.01	0.04	1.3	0.009
1248	Soil	1044	12.6	4.1	<0.01	0.07	1.07	0.6	<0.2	0.3	4.1	<0.01	0.05	2.2	<0.005
1249	Soil	856	3.6	4.9	<0.01	0.03	1.09	1.6	0.3	0.3	15.1	<0.01	0.07	4.9	0.007
1250	Soil	381	17.7	2.0	<0.01	0.02	0.97	1.3	<0.2	<0.2	11.8	<0.01	0.05	7.0	<0.005
1251	Soil	545	18.4	1.9	<0.01	0.02	0.78	1.1	<0.2	<0.2	8.5	<0.01	0.05	7.1	<0.005
1252	Soil	533	34.2	1.9	<0.01	0.02	1.23	1.2	<0.2	<0.2	8.5	<0.01	0.06	7.7	<0.005
1253	Soil	1171	9.8	1.2	<0.01	0.14	0.40	0.5	<0.2	<0.2	106.9	<0.01	0.03	1.5	<0.005
1254	Soil	979	11.5	3.3	<0.01	0.06	0.38	0.1	<0.2	<0.2	11.2	<0.01	0.02	<0.2	<0.005
1255	Soil	1843	23.9	6.0	<0.01	0.03	0.74	1.5	0.2	0.3	7.8	<0.01	0.06	3.2	0.009
1256	Soil	630	11.9	4.2	<0.01	0.04	0.71	0.6	0.3	0.5	5.1	<0.01	0.05	0.6	0.012
1257	Soil	744	21.3	2.7	<0.01	0.03	1.05	1.3	<0.2	0.3	4.4	<0.01	0.06	2.8	0.008
1258	Soil	709	4.4	3.9	<0.01	0.04	0.42	0.5	<0.2	0.3	4.2	0.01	0.05	0.4	0.007
1259	Soil	1491	30.8	4.4	<0.01	0.07	0.56	0.6	<0.2	0.4	4.4	<0.01	0.08	0.7	<0.005
1260	Soil	1675	17.4	3.7	<0.01	0.09	0.52	0.2	0.2	0.3	5.4	<0.01	0.06	<0.2	<0.005
1261	Soil	1258	18.8	3.3	<0.01	0.05	0.64	1.0	<0.2	0.3	4.2	<0.01	0.05	1.7	<0.005
1262	Soil	797	22.7	2.5	<0.01	0.01	0.94	1.7	<0.2	<0.2	7.7	<0.01	0.03	5.4	0.007
1263	Soil	971	13.0	3.0	<0.01	0.05	0.73	0.7	<0.2	<0.2	6.7	<0.01	0.06	1.3	<0.005
1264	Soil	1105	23.8	3.0	<0.01	0.05	0.40	0.5	<0.2	<0.2	4.1	<0.01	0.08	0.7	<0.005
1265	Soil	700	39.8	2.2	<0.01	<0.01	0.49	2.6	<0.2	<0.2	3.9	<0.01	0.08	8.4	<0.005
1266	Soil	759	48.6	2.3	<0.01	0.01	0.53	2.7	<0.2	<0.2	3.7	<0.01	0.08	10.0	<0.005
1267	Soil	611	38.2	1.5	<0.01	0.01	0.62	3.2	<0.2	<0.2	4.9	<0.01	0.10	7.5	<0.005
1268	Soil	562	19.9	2.3	<0.01	<0.01	1.06	3.4	<0.2	<0.2	5.1	<0.01	0.10	11.5	<0.005
1269	Soil	447	31.4	1.1	<0.01	0.01	1.93	4.3	<0.2	<0.2	13.6	<0.01	0.11	13.4	<0.005
1270	Soil	930	21.4	2.9	<0.01	0.03	1.21	2.4	0.2	<0.2	9.3	<0.01	0.10	7.0	<0.005
1271	Soil	861	19.1	2.4	<0.01	0.06	1.61	0.5	<0.2	<0.2	5.2	<0.01	0.07	0.6	<0.005
1272	Soil	583	43.7	1.3	<0.01	<0.01	2.19	3.2	<0.2	<0.2	6.8	<0.01	0.10	14.5	<0.005
1273	Soil	473	32.6	1.8	<0.01	<0.01	1.78	3.4	<0.2	<0.2	8.9	<0.01	0.12	14.3	<0.005
1274	Soil	938	40.7	2.8	<0.01	0.02	1.17	3.1	<0.2	0.2	6.9	<0.01	0.14	10.1	<0.005
1275	Soil	1163	39.5	3.4	<0.01	0.03	1.32	2.6	0.3	0.3	5.8	<0.01	0.11	5.3	<0.005
1276	Soil	718	42.4	2.5	<0.01	0.02	2.50	2.8	<0.2	0.2	9.1	<0.01	0.12	7.0	<0.005
1277	Soil	972	45.0	2.5	<0.01	0.03	1.12	2.2	0.3	0.2	4.4	<0.01	0.10	6.4	<0.005
1278	Soil	581	31.9	1.4	<0.01	0.01	0.92	2.9	<0.2	<0.2	4.1	<0.01	0.12	8.7	<0.005
1279	Soil	1149	21.6	2.6	<0.01	0.05	0.76	0.5	<0.2	<0.2	5.4	<0.01	0.05	0.8	<0.005
1280	Soil	467	18.2	1.8	<0.01	<0.01	0.40	1.7	<0.2	<0.2	4.4	<0.01	0.08	5.5	<0.005
1281	Soil	586	33.5	2.0	<0.01	0.02	1.47	3.0	<0.2	0.2	6.2	<0.01	0.08	8.1	<0.005
1282	Soil	597	41.5	1.9	<0.01	0.05	5.32	4.2	<0.2	0.2	21.3	<0.01	0.09	12.0	<0.005
1283	Soil	371	15.9	1.3	<0.01	<0.01	3.48	2.4	<0.2	<0.2	15.6	<0.01	0.11	3.4	<0.005
1284	Soil	415	25.7	1.7	<0.01	0.01	4.04	4.7	<0.2	0.2	13.6	<0.01	0.14	8.1	<0.005
1285	Soil	301	28.4	1.7	<0.01	0.01	5.57	4.8	<0.2	<0.2	12.5	<0.01	0.11	10.3	<0.005
1286	Soil	498	63.5	2.4	<0.01	<0.01	4.51	5.0	0.3	<0.2	28.5	<0.01	0.14	11.7	<0.005

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11-360-07328-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1287	Soil	332	20.6	1.8	<0.01	<0.01	4.35	3.2	<0.2	<0.2	10.6	<0.01	0.11	9.3	<0.005
1288	Soil	380	35.3	1.3	<0.01	<0.01	1.37	3.4	<0.2	0.2	13.2	<0.01	0.17	14.0	<0.005
1289	Soil	483	28.9	1.7	<0.01	<0.01	0.73	2.8	<0.2	<0.2	5.8	<0.01	0.12	10.0	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1207	Soil	<0.05	1.43	23	<0.05	4.13	63	1.5
1208	Soil	<0.05	0.91	16	0.08	3.73	47	2.0
1209	Soil	<0.05	1.10	28	0.09	3.84	71	1.1
1210	Soil	<0.05	1.07	30	0.06	2.70	65	1.7
1211	Soil	<0.05	1.11	27	0.05	1.78	51	1.9
1212	Soil	0.05	3.77	28	<0.05	4.12	106	7.7
1213	Soil	<0.05	0.80	31	0.07	3.11	70	1.6
1214	Soil	<0.05	1.00	27	0.09	3.78	72	1.7
1215	Soil	<0.05	0.96	26	0.08	2.73	70	1.0
1216	Soil	<0.05	0.80	25	0.07	2.43	69	1.5
1217	Soil	<0.05	0.88	29	0.10	1.81	70	1.5
1218	Soil	<0.05	1.00	26	0.08	2.18	65	1.3
1219	Soil	0.05	0.75	24	0.09	1.83	53	0.6
1220	Soil	<0.05	1.04	34	0.08	3.43	74	0.7
1221	Soil	0.05	1.29	39	0.07	5.03	75	3.3
1222	Soil	<0.05	0.75	34	0.06	1.83	73	<0.5
1223	Soil	<0.05	2.04	40	0.06	2.70	107	<0.5
1224	Soil	<0.05	0.89	43	<0.05	1.54	92	4.2
1225	Soil	<0.05	1.19	54	<0.05	3.70	121	4.0
1226	Soil	<0.05	1.00	25	<0.05	2.01	52	0.7
1227	Soil	<0.05	1.87	54	<0.05	2.26	126	4.8
1228	Soil	<0.05	0.85	56	<0.05	2.15	128	2.2
1229	Soil	<0.05	1.19	50	<0.05	1.84	123	3.1
1230	Soil	<0.05	0.74	37	0.08	1.34	65	0.8
1231	Soil	<0.05	0.67	26	0.06	1.43	43	<0.5
1232	Soil	<0.05	0.77	41	0.06	1.64	82	1.1
1233	Soil	<0.05	0.73	33	0.05	2.06	86	1.3
1234	Soil	<0.05	0.70	36	0.06	1.78	83	1.2
1235	Soil	<0.05	0.92	33	0.11	3.14	75	0.5
1236	Soil	<0.05	0.78	21	0.09	2.56	51	0.8
1237	Soil	<0.05	0.82	23	0.07	1.56	70	0.9
1238	Soil	<0.05	0.99	24	0.07	2.45	67	1.5
1239	Soil	<0.05	1.28	27	0.15	3.91	68	1.5
1240	Soil	0.05	2.10	22	0.05	4.45	65	1.5
1241	Soil	<0.05	1.17	24	<0.05	2.09	71	3.2
1242	Soil	0.06	1.28	35	0.21	5.38	65	<0.5
1243	Soil	<0.05	0.56	10	0.17	0.70	14	<0.5
1244	Soil	<0.05	0.96	28	0.15	2.72	51	0.8
1245	Soil	<0.05	1.82	18	0.07	6.43	37	1.9
1246	Soil	<0.05	1.50	16	<0.05	5.35	30	2.2

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11-360-07328-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1247	Soil	<0.05	0.60	10	0.09	1.52	16	0.7
1248	Soil	<0.05	0.91	20	0.10	1.83	39	1.1
1249	Soil	0.06	2.06	27	0.10	7.89	73	2.6
1250	Soil	<0.05	1.38	21	<0.05	5.42	58	2.5
1251	Soil	<0.05	1.17	23	<0.05	3.44	54	2.7
1252	Soil	<0.05	1.36	27	<0.05	2.55	82	2.2
1253	Soil	<0.05	2.81	10	<0.05	2.15	55	1.5
1254	Soil	<0.05	0.53	15	<0.05	0.96	49	<0.5
1255	Soil	<0.05	1.08	33	0.12	3.72	86	1.1
1256	Soil	0.06	0.81	29	0.14	1.90	54	<0.5
1257	Soil	0.06	0.87	34	0.13	3.35	72	1.1
1258	Soil	<0.05	0.53	19	0.08	1.20	29	0.9
1259	Soil	0.07	0.73	34	0.10	1.48	57	0.7
1260	Soil	<0.05	0.70	30	0.09	1.62	52	<0.5
1261	Soil	0.05	0.73	33	0.08	1.75	68	1.5
1262	Soil	<0.05	1.07	32	0.07	3.40	79	1.4
1263	Soil	<0.05	0.80	31	0.07	1.73	75	0.9
1264	Soil	<0.05	0.86	37	<0.05	0.91	88	<0.5
1265	Soil	<0.05	1.47	48	<0.05	2.61	112	3.4
1266	Soil	<0.05	1.67	49	<0.05	2.57	115	3.5
1267	Soil	<0.05	2.51	50	<0.05	2.35	132	2.4
1268	Soil	<0.05	1.76	52	<0.05	2.84	135	2.1
1269	Soil	<0.05	1.88	52	<0.05	2.58	159	2.9
1270	Soil	<0.05	1.76	43	<0.05	1.65	114	2.7
1271	Soil	<0.05	1.42	31	0.07	0.89	67	0.6
1272	Soil	<0.05	1.67	50	<0.05	2.99	146	1.6
1273	Soil	<0.05	1.82	39	<0.05	3.42	135	1.0
1274	Soil	<0.05	2.02	54	0.09	1.69	134	4.2
1275	Soil	<0.05	2.78	46	0.07	2.45	117	3.3
1276	Soil	<0.05	2.04	39	0.07	2.32	122	2.5
1277	Soil	<0.05	1.73	48	0.09	1.67	122	3.9
1278	Soil	<0.05	1.43	55	0.05	1.72	137	3.7
1279	Soil	<0.05	1.04	23	0.06	1.26	47	1.1
1280	Soil	<0.05	0.97	31	<0.05	1.27	69	3.9
1281	Soil	<0.05	1.85	34	0.13	2.81	107	3.0
1282	Soil	<0.05	1.34	9	0.32	5.59	114	1.6
1283	Soil	<0.05	0.50	8	0.31	3.24	78	0.5
1284	Soil	<0.05	0.92	12	0.35	6.46	111	0.7
1285	Soil	<0.05	1.12	15	0.23	5.01	97	1.6
1286	Soil	<0.05	1.27	17	0.28	12.73	149	2.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1287	Soil	<0.05	1.17	22	0.22	4.02	96	1.0
1288	Soil	<0.05	1.65	24	0.12	3.60	99	1.1
1289	Soil	<0.05	1.66	43	0.10	2.66	137	1.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1207	Soil		0.04	1.52	11.6	34	0.71	0.38	0.10	0.05	33.54	20.7	18	1.41	29.7
1207 Dup			0.04	1.52	10.9	32	0.66	0.36	0.09	0.04	31.07	18.1	17	1.35	28.1
QCV1109-01795-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.50					9.75				22.8			>10000
1225	Soil		0.09	2.99	8.2	37	0.81	0.54	0.14	0.13	46.15	26.2	42	3.12	86.0
1225 Dup			0.08	2.92	8.4	35	0.82	0.49	0.15	0.15	49.78	24.9	43	3.11	86.1
QCV1109-01795-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6021.5
1243	Soil		0.07	0.43	2.1	53	0.19	0.11	0.03	0.17	4.79	3.6	<1	0.34	6.9
1243 Dup			0.07	0.51	1.8	50	0.16	0.09	0.04	0.14	4.80	3.4	<1	0.35	6.6
QCV1109-01795-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.63					8.95				23.6			>10000
1261	Soil		0.05	1.40	8.0	42	0.38	0.32	0.01	0.15	16.23	11.4	27	0.81	31.8
1261 Dup			0.04	1.41	8.4	42	0.39	0.32	0.01	0.15	17.17	12.1	27	0.80	30.3
QCV1109-01795-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6119.6
1279	Soil		0.10	1.51	7.8	31	0.45	0.30	0.03	0.08	18.68	6.5	19	2.07	20.0
1279 Dup			0.10	1.51	8.3	33	0.48	0.29	0.03	0.08	18.85	6.7	19	2.16	21.8
QCV1109-01795-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1109-01795-0015-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6039.0
1207	Soil	0.006													
1207 Dup		0.006													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.956													
1225	Soil	<0.005													
1225 Dup		0.009													
QCV1109-01796-0004-BLK		<0.005													
1243	Soil	<0.005													
1243 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.966													
1261	Soil	<0.005													
1261 Dup		0.017													
QCV1109-01796-0008-BLK		<0.005													

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Northern Tiger Resources
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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
1279	Soil	0.016													
1279 Dup		0.018													
QCV1109-01796-0010-BLK		0.006													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1207	Soil	3.02	3.97	0.10	0.08	0.02	0.02	15.9	40.6	0.52	399	1.01	<0.01	0.12	33.7
1207 Dup		3.04	3.71	0.10	0.06	0.02	0.02	14.5	38.4	0.52	392	0.92	<0.01	0.09	30.4
QCV1109-01795-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1225	Soil	4.36	8.53	0.10	0.13	0.02	0.02	23.4	104.6	1.32	892	1.12	<0.01	<0.05	52.6
1225 Dup		4.38	8.32	0.10	0.13	0.02	0.02	25.5	103.6	1.31	911	1.18	<0.01	<0.05	51.0
QCV1109-01795-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1243	Soil	0.81	1.97	0.07	0.03	<0.01	0.02	2.3	1.8	0.03	615	1.01	0.01	0.16	5.1
1243 Dup		1.00	2.02	0.07	<0.02	<0.01	0.02	2.3	1.9	0.04	671	0.91	0.02	0.16	4.6
QCV1109-01795-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1261	Soil	3.50	5.49	0.11	0.08	0.02	0.02	7.6	41.4	0.51	1008	1.37	<0.01	0.42	23.4
1261 Dup		3.55	5.47	0.10	0.09	0.02	0.02	7.8	43.0	0.52	994	1.26	<0.01	0.44	23.9
QCV1109-01795-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1279	Soil	2.34	4.85	0.13	0.07	0.01	0.02	9.0	49.3	0.40	329	0.91	0.01	0.29	17.2
1279 Dup		2.24	5.19	0.14	0.05	0.02	0.01	9.4	48.8	0.40	319	0.95	0.01	0.31	18.3
QCV1109-01795-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-01795-0015-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1207	Soil	349	26.4	3.0	<0.01	<0.01	1.19	1.5	<0.2	0.2	8.0	<0.01	0.07	9.0	<0.005
1207 Dup		339	27.3	2.9	<0.01	<0.01	1.07	1.4	<0.2	<0.2	7.3	<0.01	0.05	9.3	<0.005
QCV1109-01795-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.7				1.61		13.0	17.7					
1225	Soil	350	34.9	2.1	<0.01	<0.01	0.22	3.2	<0.2	<0.2	7.4	<0.01	0.09	16.0	<0.005
1225 Dup		341	35.3	2.1	<0.01	<0.01	0.20	3.1	<0.2	<0.2	7.2	<0.01	0.09	16.2	<0.005
QCV1109-01795-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1243	Soil	499	<0.2	1.8	<0.01	0.07	0.29	0.1	<0.2	<0.2	4.7	<0.01	0.01	<0.2	<0.005
1243 Dup		511	<0.2	1.7	<0.01	0.07	0.27	0.1	<0.2	<0.2	4.8	<0.01	0.02	<0.2	<0.005
QCV1109-01795-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.1				1.75		13.0	18.1					
1261	Soil	1258	18.8	3.3	<0.01	0.05	0.64	1.0	<0.2	0.3	4.2	<0.01	0.05	1.7	<0.005
1261 Dup		1236	16.2	3.3	<0.01	0.04	0.62	1.0	<0.2	0.3	4.5	<0.01	0.06	1.8	<0.005
QCV1109-01795-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
1279	Soil	1149	21.6	2.6	<0.01	0.05	0.76	0.5	<0.2	<0.2	5.4	<0.01	0.05	0.8	<0.005
1279 Dup		1143	19.9	2.6	<0.01	0.05	0.79	0.4	<0.2	<0.2	5.5	<0.01	0.06	0.6	<0.005
QCV1109-01795-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1109-01795-0015-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1207	Soil	<0.05	1.43	23	<0.05	4.13	63	1.5
1207 Dup		<0.05	1.40	23	<0.05	4.06	63	1.3
QCV1109-01795-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							183	
1225	Soil	<0.05	1.19	54	<0.05	3.70	121	4.0
1225 Dup		<0.05	1.15	54	<0.05	3.58	124	4.1
QCV1109-01795-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5029	
1243	Soil	<0.05	0.56	10	0.17	0.70	14	<0.5
1243 Dup		<0.05	0.52	15	0.06	0.68	14	<0.5
QCV1109-01795-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
1261	Soil	0.05	0.73	33	0.08	1.75	68	1.5
1261 Dup		<0.05	0.79	34	0.08	1.80	68	1.5
QCV1109-01795-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4993	
1279	Soil	<0.05	1.04	23	0.06	1.26	47	1.1
1279 Dup		<0.05	0.98	23	0.08	1.27	46	0.9
QCV1109-01795-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1109-01795-0015-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4899	

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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 5**
Client Reference: **Soil 5**
Description: **3 ACE**

Date Received: 09/16/2011
Date Completed: 10/11/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	100	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-07329-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1301	Soil	0.019	0.19	0.44	126.6	14	0.11	0.47	<0.01	0.10	18.20	7.7	10	1.08	32.9
1302	Soil	0.040	0.39	0.44	281.4	23	0.11	0.34	0.01	0.27	10.33	5.6	7	1.41	22.4
1303	Soil	0.026	0.37	0.12	98.9	12	<0.05	0.08	0.02	0.09	6.71	1.5	4	0.64	6.8
1304	Soil	0.034	0.19	0.20	196.3	13	0.06	0.23	0.01	0.11	11.90	5.0	6	1.20	19.0
1305	Soil	0.062	0.46	0.46	403.1	32	0.18	0.33	0.01	0.19	18.67	7.9	9	1.29	32.2
1306	Soil	0.028	0.20	1.68	126.5	22	0.47	0.40	0.45	0.33	17.18	18.6	33	1.05	67.1
1307	Soil	0.042	0.63	0.28	465.3	21	0.12	0.36	<0.01	0.42	20.25	8.7	10	1.48	40.5
1308	Soil	0.124	0.98	0.24	497.0	16	0.06	0.25	<0.01	0.27	27.81	3.4	5	0.80	23.1
1309	Soil	0.078	0.33	0.23	1310.7	20	0.11	0.45	0.01	0.56	32.75	6.7	8	1.16	43.6
1310	Soil	0.058	0.62	0.77	622.2	18	0.21	0.46	0.01	0.66	18.91	11.1	16	1.91	50.8
1311	Soil	0.029	0.31	0.51	535.2	18	0.16	0.37	0.02	0.48	22.56	8.2	12	1.88	31.9
1312	Soil	0.062	0.63	1.43	405.6	29	0.37	0.53	0.16	0.62	19.46	10.1	22	3.07	45.3
1313	Soil	0.010	0.14	1.55	64.3	39	0.18	0.43	0.07	0.25	33.59	10.1	26	1.49	27.9
1314	Soil	0.017	0.13	1.24	45.6	30	0.15	0.38	0.06	0.25	28.77	7.6	21	1.32	23.1
1315	Soil	0.020	0.07	1.58	89.4	25	0.26	0.42	0.10	0.09	31.60	10.1	29	2.83	25.5
1316	Soil	0.018	0.19	2.06	95.2	21	0.39	0.38	0.44	0.11	23.66	12.0	37	4.43	37.9
1317	Soil	0.039	0.26	1.95	38.5	31	0.25	0.33	0.02	0.22	33.58	9.2	26	0.83	26.0
1318	Soil	0.031	0.23	1.36	24.9	22	0.13	0.22	0.25	0.11	15.50	8.2	22	1.01	18.6
1319	Soil	0.007	0.15	1.43	42.1	25	0.21	0.23	0.13	0.21	18.39	10.0	20	0.75	25.1
1320	Soil	0.006	0.19	1.60	30.4	39	0.30	0.25	0.24	0.18	16.69	8.2	21	0.89	28.0
1321	Soil	0.013	0.19	1.93	69.5	36	0.27	0.34	0.04	0.21	25.24	10.7	27	1.07	22.8
1322	Soil	0.008	0.12	2.12	61.3	23	0.28	0.36	0.04	0.14	29.89	12.1	30	0.90	35.9
1323	Soil	<0.005	0.25	0.68	8.2	34	0.17	0.18	0.04	0.17	23.18	3.6	9	1.64	16.4
1324	Soil	<0.005	0.22	1.41	26.0	20	0.14	0.42	0.02	0.14	38.28	7.4	25	1.92	32.5
1325	Soil	<0.005	0.14	1.09	10.7	17	0.10	0.28	<0.01	0.08	33.49	4.8	17	1.76	27.6
1326	Soil	0.008	0.10	1.25	26.6	40	0.14	0.51	0.01	0.12	39.53	7.9	21	2.82	30.1
1327	Soil	<0.005	0.28	2.10	26.3	56	0.59	0.51	0.71	0.25	15.71	14.5	29	6.51	69.8
1328	Soil	0.006	0.19	1.57	17.5	52	0.88	0.36	0.02	0.31	24.56	6.5	19	4.00	118.7
1329	Soil	<0.005	0.20	1.70	22.2	38	0.33	0.42	0.02	0.16	29.92	7.0	24	2.51	50.2
1330	Soil	<0.005	0.50	1.78	25.7	27	0.28	0.49	0.02	0.15	26.55	6.6	27	2.96	28.4
1331	Soil	0.007	0.37	2.65	39.7	31	0.57	0.77	0.05	0.18	27.60	21.8	35	3.27	113.3
1332	Soil	<0.005	0.44	1.62	37.9	26	0.24	0.43	0.01	0.29	20.03	8.0	23	3.40	26.3
1333	Soil	0.015	2.52	1.09	228.0	25	0.13	3.42	0.02	0.77	28.63	6.2	18	1.23	30.0
1334	Soil	0.025	1.38	1.57	355.8	25	0.18	4.37	0.02	0.78	36.32	9.2	24	1.08	39.9
1335	Soil	0.049	0.77	1.38	280.1	20	0.23	0.46	0.02	0.96	30.64	8.2	23	0.72	23.7
1336	Soil	0.074	1.34	0.30	31.8	24	0.08	0.21	0.02	0.88	8.17	3.4	10	0.48	15.2
1337	Soil	0.383	0.43	0.33	1781.5	35	0.12	0.44	0.01	0.81	25.54	8.1	10	1.07	30.2
1338	Soil	0.345	0.43	0.31	2101.6	51	0.16	0.45	0.01	0.50	25.19	8.4	8	1.49	25.9
1339	Soil	0.587	0.40	0.28	2293.5	49	0.17	0.48	0.01	0.60	28.82	8.9	9	1.41	28.4
1340	Soil	0.352	0.71	0.28	1979.6	46	0.18	0.43	0.02	0.54	27.77	11.0	12	1.28	31.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1341	Soil	0.398	0.64	0.49	2517.5	63	0.18	0.49	0.02	0.40	26.21	3.5	5	1.55	17.0
1342	Soil	0.021	0.62	1.08	1333.8	46	0.18	0.36	0.02	0.96	21.13	5.5	12	2.38	30.9
1343	Soil	0.234	12.17	0.59	3926.6	53	0.16	0.44	0.02	1.69	19.16	4.9	9	1.45	31.1
1344	Soil	0.045	0.33	0.34	260.1	32	0.27	0.43	<0.01	0.31	23.60	17.0	10	3.37	42.4
1345	Soil	0.292	0.47	0.34	2172.0	53	0.15	0.52	<0.01	0.56	18.27	8.4	6	2.05	33.5
1346	Soil	1.512	0.60	0.43	>10000	96	0.13	0.66	0.01	0.42	35.95	3.6	12	1.17	24.0
1347	Soil	0.105	0.19	0.40	622.8	34	0.10	0.32	0.01	0.33	27.44	6.1	7	1.35	23.9
1348	Soil	0.036	0.15	0.30	371.8	28	0.17	0.41	<0.01	0.24	20.16	12.1	11	1.58	38.3
1349	Soil	0.019	0.20	0.29	109.2	32	0.24	0.45	0.02	0.27	17.87	13.5	9	1.76	41.5
1350	Soil	0.190	0.21	0.53	436.9	34	0.14	0.47	0.02	0.23	30.54	9.9	13	1.63	38.5
1351	Soil	0.301	0.31	0.38	191.8	33	0.09	0.31	0.01	0.31	21.74	4.5	6	1.26	29.1
1352	Soil	0.045	0.21	0.66	194.7	27	0.20	0.37	0.03	0.15	27.94	8.5	13	1.42	31.8
1353	Soil	0.128	0.29	0.34	151.1	17	0.23	0.79	<0.01	0.28	20.57	16.5	11	1.65	54.0
1354	Soil	0.301	0.08	0.49	82.7	17	0.07	0.32	0.01	0.15	40.59	5.0	7	0.48	17.6
1355	Soil	0.009	0.47	0.19	14.8	16	<0.05	0.05	0.03	0.12	5.90	1.2	4	0.39	4.9
1356	Soil	0.013	0.14	1.74	120.1	26	0.17	0.48	0.01	0.10	27.79	9.7	28	1.27	26.4
1357	Soil	0.007	0.09	0.86	72.9	25	0.12	0.36	0.01	0.16	30.25	4.3	15	1.21	14.9
1358	Soil	0.007	0.13	0.76	91.4	17	0.09	0.54	<0.01	0.08	29.07	5.2	14	1.25	19.8
1359	Soil	0.008	0.19	1.52	75.7	25	0.15	0.65	0.01	0.11	28.85	8.8	28	1.62	23.8
1360	Soil	0.014	0.18	0.84	132.6	18	0.08	0.40	0.01	0.14	27.32	5.2	16	1.10	17.0
1361	Soil	0.015	0.09	1.15	687.2	44	0.13	0.46	0.04	0.20	24.68	6.7	23	1.07	19.4
1362	Soil	0.009	0.12	0.80	177.0	26	0.12	0.46	0.01	0.11	28.87	4.9	17	1.54	18.5
1363	Soil	0.020	0.14	0.62	227.9	36	0.14	0.33	0.03	0.20	17.65	6.0	15	1.07	17.3
1364	Soil	0.069	0.07	0.52	173.4	19	0.09	0.27	0.01	0.12	40.67	4.1	10	1.09	12.8
1365	Soil	0.027	0.13	1.04	290.6	32	0.17	0.37	0.02	0.24	21.63	6.3	18	1.05	20.5
1366	Soil	0.012	0.08	1.47	51.1	41	0.20	0.39	0.03	0.18	21.06	8.7	21	1.42	23.0
1367	Soil	0.007	0.25	0.55	47.3	19	0.13	0.21	0.02	0.08	12.27	3.5	6	1.38	13.5
1368	Soil	0.053	0.16	1.15	166.2	36	0.24	0.46	0.02	0.13	24.82	8.8	17	2.67	26.1
1369	Soil	0.247	0.15	0.54	102.8	23	0.21	0.47	0.02	0.11	26.75	8.3	11	2.14	24.0
1370	Soil	0.025	0.08	0.69	40.3	23	0.16	0.36	0.02	0.11	19.68	8.6	11	1.31	26.8
1371	Soil	0.025	0.13	0.36	41.4	19	0.13	0.32	0.01	0.09	26.23	9.2	8	0.93	30.2
1372	Soil	0.499	0.22	0.63	88.2	21	0.27	0.50	0.01	0.16	27.64	15.0	15	1.60	41.4
1373	Soil	0.026	0.13	0.35	57.3	28	0.26	0.51	<0.01	0.20	21.48	16.4	13	1.73	48.5
1374	Soil	0.209	0.23	0.31	99.9	17	0.16	0.42	<0.01	0.21	13.39	10.0	11	1.58	37.8
1375	Soil	0.060	0.15	0.44	233.0	27	0.17	0.54	0.01	0.15	17.77	17.2	11	1.69	44.4
1376	Soil	0.094	0.30	0.34	186.3	21	0.13	0.63	<0.01	0.26	17.82	4.7	7	1.20	23.3
1377	Soil	0.023	0.27	0.41	227.7	19	0.11	0.46	<0.01	0.16	17.51	5.7	9	1.48	19.3
1378	Soil	0.008	1.00	0.59	46.2	16	0.07	0.13	0.03	0.14	6.44	2.2	6	0.36	9.5
1379	Soil	0.063	0.40	0.40	1074.3	51	0.10	0.29	0.02	0.36	21.44	5.3	10	0.93	19.3
1380	Soil	0.024	0.20	0.44	253.2	22	0.07	0.29	0.02	0.18	18.55	3.5	11	0.94	11.1

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11-360-07329-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1381	Soil	0.086	0.32	0.61	680.7	35	0.15	0.36	0.01	0.33	23.96	7.6	10	1.33	23.5
1382	Soil	0.020	0.16	0.92	272.4	34	0.19	0.46	0.01	0.30	32.22	8.3	17	1.11	21.5
1383	Soil	0.013	0.18	0.16	28.3	24	<0.05	0.05	0.02	0.11	3.03	1.2	3	0.28	3.2
1384	Soil	0.033	0.19	0.53	452.8	30	0.16	0.45	0.01	0.42	30.44	9.1	11	0.61	27.2
1385	Soil	0.036	0.22	0.70	351.6	33	0.20	0.49	<0.01	0.80	25.48	9.9	13	0.60	26.9
1386	Soil	0.036	0.65	1.17	372.9	39	0.23	0.43	0.01	0.66	26.69	11.1	19	0.89	29.0
1387	Soil	0.008	0.50	1.28	98.2	37	0.16	0.42	0.01	0.52	28.09	7.9	21	0.73	16.8
1388	Soil	0.030	0.47	0.33	77.2	69	0.10	0.23	0.08	1.24	15.90	9.3	8	0.46	12.0
1389	Soil	0.009	0.43	0.79	52.0	38	0.11	0.23	0.02	0.40	14.66	5.2	10	0.42	12.1
1390	Soil	0.011	0.19	0.30	64.7	43	0.10	0.22	0.04	1.12	10.71	5.1	5	0.42	11.6
1391	Soil	0.024	0.44	0.26	112.1	20	0.08	0.12	0.03	0.13	4.58	1.9	3	0.39	8.1
1392	Soil	0.308	0.36	0.79	1778.0	39	0.23	0.57	0.20	0.55	14.89	12.4	15	1.26	34.0
1393	Soil	0.032	0.22	1.91	221.2	23	0.35	0.48	0.31	0.78	14.90	17.9	28	1.81	45.3
1394	Soil	0.009	0.08	1.36	23.0	36	0.21	0.48	0.02	0.14	16.31	9.0	22	0.85	32.7
1395	Soil	0.007	0.12	2.16	36.2	24	0.22	0.58	0.02	0.12	23.94	12.8	33	1.62	41.3
1396	Soil	0.011	0.16	2.17	28.3	23	0.38	0.59	0.06	0.13	24.81	17.8	31	2.57	47.6
1397	Soil	0.007	0.17	1.36	8.2	19	0.12	0.32	0.02	0.16	24.84	5.6	21	1.51	17.7
1398	Soil	0.007	0.12	1.41	34.7	30	0.16	0.56	0.04	0.17	29.26	9.1	23	0.54	23.8
1399	Soil	<0.005	0.16	1.69	15.0	37	0.28	0.46	0.03	0.14	34.01	11.2	23	2.32	31.1
1400	Soil	0.011	0.11	2.02	31.9	21	0.30	0.70	0.05	0.12	28.27	14.2	29	1.06	38.5

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1301	Soil	2.49	3.18	<0.05	0.22	0.02	0.02	10.2	4.3	0.08	209	0.77	<0.01	0.62	18.9
1302	Soil	1.48	2.23	<0.05	0.12	0.03	0.04	5.8	1.3	0.03	118	0.88	<0.01	0.37	12.5
1303	Soil	0.51	1.31	<0.05	0.08	<0.01	0.02	3.7	0.2	<0.01	24	0.79	0.02	0.24	4.2
1304	Soil	1.24	2.32	<0.05	0.04	0.01	0.03	6.8	0.4	0.01	75	0.86	0.01	0.17	12.1
1305	Soil	1.64	2.41	<0.05	0.02	0.02	0.03	10.5	2.3	0.04	171	0.89	0.01	0.36	15.9
1306	Soil	3.35	4.28	<0.05	0.20	0.02	0.04	9.0	38.7	0.84	691	1.48	<0.01	0.15	42.9
1307	Soil	2.59	2.22	<0.05	<0.02	0.08	0.03	11.8	0.5	0.02	168	1.08	<0.01	0.19	23.3
1308	Soil	1.58	2.76	<0.05	<0.02	0.06	0.02	14.7	0.4	<0.01	64	0.96	<0.01	0.18	9.1
1309	Soil	3.28	2.76	0.06	<0.02	0.07	0.02	17.1	0.3	<0.01	150	1.36	<0.01	0.41	16.5
1310	Soil	4.65	2.77	<0.05	0.03	0.06	0.02	9.7	7.8	0.15	422	1.28	<0.01	0.55	26.8
1311	Soil	3.00	3.01	<0.05	<0.02	0.04	0.02	11.9	5.9	0.13	241	1.25	<0.01	0.44	21.8
1312	Soil	3.19	3.88	<0.05	0.15	0.06	0.03	10.7	31.8	0.51	412	1.12	<0.01	0.19	30.9
1313	Soil	4.20	7.09	<0.05	0.03	0.02	0.03	18.1	27.4	0.55	700	1.16	<0.01	0.60	24.7
1314	Soil	3.19	5.90	<0.05	0.04	0.02	0.03	15.4	20.6	0.41	539	1.15	<0.01	0.37	19.3
1315	Soil	3.47	6.25	<0.05	0.03	0.02	0.03	17.3	29.8	0.57	606	1.32	<0.01	0.78	22.8
1316	Soil	3.32	5.52	<0.05	0.26	0.02	0.03	12.7	46.7	0.86	536	1.07	0.01	0.43	33.5
1317	Soil	3.60	7.31	0.05	0.07	0.02	0.02	18.0	33.9	0.69	673	1.25	<0.01	0.49	26.5
1318	Soil	2.43	4.23	<0.05	0.05	<0.01	0.02	8.2	32.2	0.65	431	0.86	0.01	0.21	22.7
1319	Soil	2.69	4.83	<0.05	0.04	0.01	0.02	9.8	36.7	0.62	774	0.86	0.01	0.33	25.4
1320	Soil	2.49	4.37	<0.05	0.13	0.01	0.03	8.6	31.1	0.60	520	0.72	0.01	0.39	23.2
1321	Soil	3.43	6.52	<0.05	0.06	0.02	0.02	13.3	37.7	0.68	823	0.95	<0.01	0.46	26.9
1322	Soil	3.80	5.95	<0.05	0.06	0.02	0.03	15.4	45.8	0.86	638	0.99	<0.01	0.31	35.0
1323	Soil	1.33	3.59	<0.05	<0.02	<0.01	0.03	13.1	8.2	0.13	135	0.67	0.01	0.35	7.8
1324	Soil	3.18	8.00	<0.05	<0.02	0.02	0.02	21.4	27.3	0.47	411	1.37	<0.01	0.65	22.4
1325	Soil	2.08	5.33	<0.05	0.03	0.01	0.02	19.6	19.7	0.36	202	0.79	0.01	0.19	14.7
1326	Soil	3.49	7.49	<0.05	<0.02	0.02	0.04	22.6	19.6	0.37	724	1.19	<0.01	0.79	17.2
1327	Soil	3.30	5.65	<0.05	0.36	0.03	0.03	9.5	40.8	0.75	600	0.95	<0.01	0.38	30.2
1328	Soil	2.23	4.71	<0.05	0.04	0.03	0.03	12.5	17.2	0.29	176	0.84	<0.01	0.48	15.7
1329	Soil	3.10	6.36	<0.05	0.07	0.02	0.03	17.6	31.3	0.52	390	0.89	<0.01	0.59	21.3
1330	Soil	4.29	6.86	<0.05	0.04	0.02	0.02	15.8	28.6	0.54	461	0.97	<0.01	0.84	18.1
1331	Soil	5.21	7.79	0.05	0.07	0.04	0.02	17.5	56.5	0.99	885	2.00	<0.01	0.25	39.9
1332	Soil	3.52	6.19	<0.05	0.02	0.02	0.02	11.4	29.0	0.44	503	1.02	<0.01	0.90	19.1
1333	Soil	3.38	5.59	<0.05	<0.02	0.16	0.03	16.4	16.8	0.24	231	0.83	<0.01	0.71	17.0
1334	Soil	4.43	5.53	0.05	0.06	0.20	0.03	19.8	24.9	0.41	324	1.09	<0.01	0.87	25.8
1335	Soil	4.06	7.06	<0.05	1.66	0.06	0.03	17.1	24.0	0.43	352	0.90	<0.01	0.96	21.5
1336	Soil	1.25	2.58	<0.05	0.78	0.01	0.03	4.7	1.7	0.03	144	1.20	0.01	0.21	10.1
1337	Soil	2.43	1.95	0.06	0.13	0.04	0.04	14.3	3.6	0.07	163	1.00	<0.01	0.17	19.9
1338	Soil	2.16	1.71	0.06	0.06	0.04	0.05	14.4	1.7	0.03	218	0.91	<0.01	0.16	16.7
1339	Soil	2.14	1.83	0.07	0.05	0.04	0.05	15.9	1.6	0.03	263	1.12	<0.01	0.15	18.6
1340	Soil	2.32	1.95	0.07	0.04	0.04	0.05	16.3	1.1	0.03	452	1.52	<0.01	0.13	21.5

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1341	Soil	1.47	2.13	0.08	0.05	0.02	0.06	14.5	2.7	0.03	82	0.87	0.01	0.16	8.4
1342	Soil	3.01	4.94	0.06	0.07	0.05	0.05	11.0	5.0	0.09	199	1.44	0.01	0.93	14.6
1343	Soil	2.41	2.95	0.09	0.07	0.26	0.05	10.5	1.6	0.05	88	1.09	0.01	0.40	13.2
1344	Soil	2.26	2.29	<0.05	0.03	0.02	0.04	13.6	1.4	0.03	507	0.69	<0.01	0.15	25.0
1345	Soil	2.06	1.67	0.06	0.03	0.02	0.04	10.2	1.2	0.02	263	0.91	0.01	0.16	18.0
1346	Soil	2.43	2.35	0.21	0.15	0.03	0.06	18.3	1.5	0.03	164	1.78	<0.01	0.26	9.8
1347	Soil	1.61	2.41	<0.05	0.07	0.02	0.05	14.5	0.9	0.03	110	0.89	<0.01	0.26	13.9
1348	Soil	2.14	2.34	<0.05	0.02	0.02	0.03	11.5	1.5	0.04	335	0.85	<0.01	0.19	24.8
1349	Soil	2.03	1.91	<0.05	0.02	0.02	0.03	10.4	1.7	0.03	540	0.64	<0.01	0.12	25.9
1350	Soil	2.77	3.67	<0.05	0.03	0.02	0.05	16.9	3.2	0.07	220	1.33	<0.01	0.44	24.8
1351	Soil	1.27	3.03	<0.05	0.03	0.02	0.02	12.1	0.8	0.02	130	0.81	0.01	0.30	12.1
1352	Soil	2.47	4.06	<0.05	0.06	0.02	0.03	15.1	6.7	0.15	174	1.28	<0.01	0.87	20.3
1353	Soil	4.39	1.92	<0.05	0.03	0.04	0.02	11.1	1.3	0.03	462	1.22	<0.01	0.15	39.1
1354	Soil	1.78	5.49	<0.05	0.02	0.01	0.02	21.9	1.0	0.03	169	0.88	<0.01	0.61	10.6
1355	Soil	0.43	1.56	<0.05	0.06	<0.01	0.02	3.3	1.0	0.02	123	0.69	0.02	0.10	3.7
1356	Soil	4.78	6.97	0.05	0.05	0.03	0.03	14.6	26.9	0.53	478	1.00	<0.01	0.91	26.0
1357	Soil	2.61	6.97	<0.05	0.02	0.01	0.03	17.1	6.7	0.13	197	1.29	<0.01	0.76	11.5
1358	Soil	3.26	8.04	<0.05	<0.02	0.02	0.02	15.6	7.4	0.16	209	1.01	<0.01	0.69	10.5
1359	Soil	4.88	7.63	0.05	0.02	0.03	0.02	13.9	22.5	0.46	571	1.18	<0.01	1.12	22.4
1360	Soil	2.81	5.86	<0.05	<0.02	0.02	0.02	13.9	9.3	0.18	358	1.17	0.01	0.53	12.7
1361	Soil	4.01	8.13	0.05	0.03	0.02	0.03	12.2	8.3	0.25	366	1.49	<0.01	1.56	15.8
1362	Soil	3.48	8.93	0.05	0.02	0.02	0.03	14.7	6.2	0.14	253	1.43	<0.01	1.32	12.1
1363	Soil	2.20	4.29	<0.05	0.06	0.02	0.04	8.9	6.9	0.13	503	1.36	0.01	0.36	14.2
1364	Soil	1.45	5.93	<0.05	<0.02	0.01	0.02	21.3	2.4	0.05	101	1.27	<0.01	0.36	10.3
1365	Soil	2.52	4.77	<0.05	0.02	0.02	0.04	11.2	9.9	0.18	420	1.54	0.01	0.56	16.6
1366	Soil	2.97	5.47	<0.05	0.03	0.02	0.03	12.3	26.7	0.41	491	1.31	0.01	0.55	22.3
1367	Soil	1.04	3.64	<0.05	0.03	<0.01	0.02	6.3	2.0	0.03	58	1.06	0.02	0.50	9.2
1368	Soil	3.43	5.45	<0.05	<0.02	0.02	0.04	12.6	8.5	0.18	346	1.49	<0.01	0.99	22.6
1369	Soil	2.29	4.54	<0.05	2.09	0.01	0.03	13.6	3.4	0.09	167	1.50	<0.01	1.19	21.9
1370	Soil	1.96	3.12	<0.05	0.58	0.02	0.03	10.3	6.0	0.13	137	1.06	0.01	0.45	20.4
1371	Soil	1.98	2.55	<0.05	0.19	0.02	0.02	14.3	0.6	0.02	111	0.89	<0.01	0.29	20.7
1372	Soil	3.23	2.78	<0.05	0.10	0.02	0.03	14.1	7.1	0.13	323	0.91	<0.01	0.55	31.7
1373	Soil	2.76	1.94	<0.05	0.07	0.02	0.03	11.8	2.5	0.05	410	0.81	<0.01	0.17	32.2
1374	Soil	2.27	1.96	<0.05	0.10	0.02	0.03	7.3	2.3	0.04	182	0.95	<0.01	0.27	24.9
1375	Soil	3.05	2.33	<0.05	0.05	0.02	0.03	9.2	2.6	0.06	414	0.90	<0.01	0.28	32.8
1376	Soil	1.75	1.58	<0.05	0.07	0.02	0.03	9.5	2.1	0.04	86	0.92	<0.01	0.25	11.7
1377	Soil	1.74	3.91	<0.05	0.13	0.01	0.03	9.0	1.5	0.03	97	1.11	<0.01	0.52	13.7
1378	Soil	0.82	2.54	<0.05	0.20	<0.01	0.02	3.4	0.4	0.02	71	1.00	0.02	0.42	6.5
1379	Soil	1.89	3.23	<0.05	0.07	0.02	0.03	10.8	1.9	0.04	87	1.23	<0.01	0.55	13.1
1380	Soil	1.64	3.84	<0.05	0.21	0.01	0.03	9.3	2.4	0.05	93	1.38	0.01	1.05	10.1

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1381	Soil	2.28	3.24	<0.05	0.05	0.02	0.03	12.2	4.4	0.08	177	1.03	<0.01	0.47	17.4
1382	Soil	3.18	5.34	<0.05	0.03	0.02	0.03	17.1	15.7	0.27	298	1.09	<0.01	0.59	22.4
1383	Soil	0.37	1.43	<0.05	0.06	<0.01	0.02	1.5	0.3	0.01	619	0.55	0.02	0.22	2.3
1384	Soil	3.31	3.92	<0.05	0.05	0.02	0.02	15.8	4.2	0.07	272	0.86	<0.01	0.73	20.6
1385	Soil	2.94	4.55	<0.05	0.03	0.02	0.03	14.0	9.3	0.16	335	1.01	<0.01	0.74	23.3
1386	Soil	3.35	4.43	<0.05	0.07	0.03	0.03	14.6	21.5	0.34	361	0.90	<0.01	0.76	27.6
1387	Soil	3.36	6.43	<0.05	0.03	0.02	0.03	14.9	22.3	0.37	381	0.94	<0.01	0.85	20.4
1388	Soil	1.24	2.80	<0.05	0.02	<0.01	0.04	8.2	1.3	0.03	642	1.05	0.01	0.22	10.9
1389	Soil	1.73	3.81	<0.05	0.02	<0.01	0.03	7.9	14.6	0.25	228	0.72	0.01	0.29	13.9
1390	Soil	1.03	1.86	<0.05	0.03	<0.01	0.03	5.8	2.3	0.05	206	0.73	0.01	0.15	9.5
1391	Soil	0.56	1.22	<0.05	0.03	<0.01	0.02	2.6	0.3	0.01	43	0.55	0.02	0.10	5.0
1392	Soil	2.81	2.92	0.05	0.07	0.03	0.04	8.2	18.1	0.31	381	0.84	<0.01	0.13	28.2
1393	Soil	3.56	5.66	<0.05	0.21	0.03	0.02	8.0	44.4	0.85	733	0.72	<0.01	0.10	43.9
1394	Soil	2.50	5.48	<0.05	0.09	0.02	0.02	9.8	28.6	0.45	259	1.04	<0.01	0.36	23.8
1395	Soil	4.58	8.03	<0.05	0.10	0.02	0.02	13.7	48.5	0.85	407	1.06	<0.01	0.42	39.5
1396	Soil	4.16	7.08	<0.05	0.08	0.02	0.02	14.4	54.6	0.90	574	1.14	<0.01	0.26	42.1
1397	Soil	2.32	5.95	<0.05	0.09	0.01	0.02	14.9	32.7	0.51	212	0.83	<0.01	0.33	21.9
1398	Soil	3.58	8.65	0.06	0.03	0.02	0.02	16.8	25.2	0.45	335	1.04	<0.01	1.19	21.7
1399	Soil	2.94	6.86	0.05	0.06	0.02	0.02	19.9	42.2	0.62	348	0.80	<0.01	0.37	29.3
1400	Soil	3.74	6.65	0.05	0.08	0.03	0.02	16.3	50.8	0.83	471	0.70	<0.01	0.26	36.5

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11-360-07329-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1301	Soil	344	27.5	4.2	<0.01	0.01	1.05	1.1	<0.2	0.3	6.1	0.01	0.10	7.2	<0.005
1302	Soil	455	102.4	6.4	<0.01	0.04	1.45	0.4	0.2	0.3	16.4	<0.01	0.08	1.1	<0.005
1303	Soil	198	22.1	2.1	<0.01	0.02	0.68	0.2	<0.2	<0.2	7.9	<0.01	0.03	0.3	<0.005
1304	Soil	403	51.1	3.7	<0.01	0.02	1.14	0.2	<0.2	0.3	15.5	<0.01	0.06	0.4	<0.005
1305	Soil	267	41.6	3.8	<0.01	0.01	1.30	0.7	<0.2	0.2	22.5	<0.01	0.09	4.2	0.006
1306	Soil	660	56.0	2.4	<0.01	0.03	2.85	2.6	0.4	<0.2	23.3	<0.01	0.07	8.9	<0.005
1307	Soil	420	191.3	4.7	<0.01	0.02	1.93	0.8	<0.2	0.3	30.2	<0.01	0.10	2.4	<0.005
1308	Soil	209	212.0	3.9	<0.01	0.01	1.59	0.3	<0.2	0.3	23.8	<0.01	0.06	0.6	<0.005
1309	Soil	242	399.0	4.4	<0.01	0.02	2.61	1.4	0.3	0.4	28.0	<0.01	0.12	6.2	<0.005
1310	Soil	503	214.7	4.5	<0.01	0.03	2.39	1.2	0.3	0.3	5.6	<0.01	0.11	9.6	<0.005
1311	Soil	574	121.9	3.8	<0.01	0.02	1.73	0.9	0.3	0.3	7.7	<0.01	0.07	4.2	0.007
1312	Soil	560	131.6	3.4	<0.01	0.03	1.69	1.9	0.4	0.2	17.5	<0.01	0.08	8.2	<0.005
1313	Soil	1091	21.4	4.7	<0.01	0.03	1.05	0.7	0.3	0.4	11.3	<0.01	0.08	1.3	0.005
1314	Soil	1149	15.0	4.9	<0.01	0.03	0.78	0.5	0.2	0.3	7.5	<0.01	0.07	1.0	<0.005
1315	Soil	727	16.8	5.2	<0.01	0.02	0.76	0.9	0.2	0.5	13.2	<0.01	0.07	1.5	0.008
1316	Soil	1025	19.3	3.6	<0.01	0.05	0.80	2.3	1.3	0.2	23.7	<0.01	0.05	4.7	<0.005
1317	Soil	1354	14.6	3.5	<0.01	0.04	0.63	0.9	0.3	0.3	4.8	<0.01	0.07	2.0	<0.005
1318	Soil	487	11.4	2.8	<0.01	0.02	0.53	0.9	0.2	<0.2	13.1	<0.01	0.04	1.5	<0.005
1319	Soil	634	17.5	2.5	<0.01	0.02	0.66	0.9	0.2	<0.2	11.7	<0.01	0.06	1.4	<0.005
1320	Soil	852	13.3	3.0	<0.01	0.03	0.47	1.3	0.3	<0.2	15.8	<0.01	0.04	2.3	0.005
1321	Soil	969	20.7	3.7	<0.01	0.03	0.59	0.9	0.2	0.3	7.7	<0.01	0.07	1.8	<0.005
1322	Soil	714	21.6	2.6	<0.01	0.02	1.32	1.4	0.2	<0.2	6.0	<0.01	0.09	4.1	<0.005
1323	Soil	471	14.2	3.4	<0.01	0.01	0.25	0.3	<0.2	0.2	6.7	<0.01	0.04	0.3	<0.005
1324	Soil	653	14.7	3.2	<0.01	0.01	0.65	1.0	0.2	0.3	4.3	<0.01	0.07	2.3	0.007
1325	Soil	492	8.7	3.2	<0.01	0.01	0.31	0.5	<0.2	0.2	2.8	<0.01	0.05	1.4	<0.005
1326	Soil	673	32.4	5.5	<0.01	0.02	0.74	0.5	0.3	0.5	6.3	<0.01	0.08	0.9	0.006
1327	Soil	1174	29.1	4.9	<0.01	0.07	0.60	2.1	0.7	0.2	33.8	<0.01	0.05	5.3	<0.005
1328	Soil	833	33.3	5.5	<0.01	0.03	0.57	0.4	0.4	0.3	4.9	<0.01	0.06	0.5	<0.005
1329	Soil	792	37.9	5.8	<0.01	0.02	0.71	0.8	0.3	0.3	7.2	<0.01	0.06	2.8	<0.005
1330	Soil	1087	32.1	5.3	<0.01	0.02	0.88	0.9	0.3	0.3	4.9	<0.01	0.08	4.4	0.007
1331	Soil	717	59.5	3.2	<0.01	0.02	1.89	1.9	0.3	<0.2	4.3	<0.01	0.11	12.6	<0.005
1332	Soil	612	38.7	5.1	<0.01	0.01	0.65	1.0	0.3	0.3	3.7	<0.01	0.07	4.7	0.008
1333	Soil	447	229.4	5.6	<0.01	0.02	0.97	1.0	0.3	0.5	12.8	<0.01	0.07	3.9	0.006
1334	Soil	351	236.3	4.7	<0.01	0.02	1.19	1.8	0.4	0.5	14.3	<0.01	0.09	13.4	<0.005
1335	Soil	634	158.5	5.3	<0.01	0.02	1.10	1.6	0.2	0.4	8.8	<0.01	0.08	6.3	0.008
1336	Soil	615	38.1	2.7	<0.01	0.03	0.45	0.2	<0.2	0.2	5.3	<0.01	0.04	0.4	<0.005
1337	Soil	320	147.8	4.0	<0.01	0.04	2.55	1.0	0.4	0.3	40.8	<0.01	0.17	6.1	<0.005
1338	Soil	325	140.0	4.6	<0.01	0.05	2.57	1.0	0.5	0.3	46.6	<0.01	0.16	5.3	<0.005
1339	Soil	366	167.2	4.9	<0.01	0.05	2.76	1.1	0.5	0.3	52.1	<0.01	0.18	5.9	<0.005
1340	Soil	429	156.7	5.2	<0.01	0.05	2.55	0.7	0.4	0.3	45.2	<0.01	0.18	2.4	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1341	Soil	328	123.6	5.6	<0.01	0.06	2.80	0.6	0.5	0.3	53.9	<0.01	0.20	1.3	<0.005
1342	Soil	487	265.8	7.5	<0.01	0.05	1.30	0.5	0.4	0.4	27.0	<0.01	0.07	1.4	0.005
1343	Soil	750	2735.3	6.9	<0.01	0.10	13.06	0.3	0.7	0.8	41.1	<0.01	0.10	0.7	<0.005
1344	Soil	362	73.4	5.6	<0.01	0.01	0.84	1.0	0.2	0.3	33.4	<0.01	0.10	5.6	<0.005
1345	Soil	336	82.6	4.4	<0.01	0.05	2.37	0.9	0.6	0.3	40.2	<0.01	0.19	2.6	<0.005
1346	Soil	541	149.9	6.4	<0.01	0.08	5.99	0.8	2.2	0.4	48.2	<0.01	0.52	3.0	<0.005
1347	Soil	384	74.6	6.6	<0.01	0.03	1.34	0.4	<0.2	0.3	28.1	<0.01	0.08	0.9	<0.005
1348	Soil	354	72.5	5.0	<0.01	0.02	1.18	0.7	<0.2	0.2	19.2	<0.01	0.09	3.6	<0.005
1349	Soil	380	54.3	3.9	<0.01	0.02	0.89	0.7	<0.2	<0.2	24.7	<0.01	0.09	2.8	<0.005
1350	Soil	537	50.4	6.6	<0.01	0.03	1.47	0.4	0.3	0.4	19.5	<0.01	0.09	1.0	<0.005
1351	Soil	265	37.0	4.5	<0.01	0.02	0.95	0.4	0.3	0.3	13.1	<0.01	0.07	0.8	0.006
1352	Soil	574	38.0	5.7	<0.01	0.03	1.07	0.9	0.3	0.4	10.2	<0.01	0.07	4.3	0.013
1353	Soil	661	44.4	3.6	<0.01	0.02	1.16	2.2	0.3	<0.2	10.6	<0.01	0.22	15.1	<0.005
1354	Soil	270	15.1	3.6	<0.01	<0.01	0.66	0.7	<0.2	0.4	5.8	<0.01	0.06	3.2	0.006
1355	Soil	308	5.8	1.8	<0.01	0.02	0.17	<0.1	<0.2	<0.2	4.6	<0.01	0.01	<0.2	<0.005
1356	Soil	669	38.3	5.4	<0.01	0.03	1.14	1.2	0.4	0.3	6.2	<0.01	0.09	3.7	0.007
1357	Soil	437	21.0	4.6	<0.01	0.02	0.53	0.6	0.2	0.5	5.5	<0.01	0.06	0.6	0.008
1358	Soil	608	16.7	3.6	<0.01	0.03	0.82	0.5	<0.2	0.4	4.6	<0.01	0.12	0.7	0.006
1359	Soil	785	31.3	4.3	<0.01	0.03	1.12	0.8	0.4	0.4	5.8	<0.01	0.13	1.2	0.008
1360	Soil	597	23.0	4.0	<0.01	0.02	0.67	0.3	0.2	0.4	3.9	<0.01	0.08	0.5	<0.005
1361	Soil	755	65.3	4.7	<0.01	0.04	1.05	0.9	0.4	0.7	7.4	<0.01	0.07	1.1	0.024
1362	Soil	672	24.6	5.8	<0.01	0.03	0.86	0.6	0.4	0.7	5.2	<0.01	0.08	0.8	0.021
1363	Soil	681	50.4	5.4	<0.01	0.06	0.86	0.3	0.3	0.4	8.0	<0.01	0.06	0.2	0.006
1364	Soil	271	35.8	4.4	<0.01	0.02	0.53	0.4	0.2	0.6	8.0	<0.01	0.03	0.5	<0.005
1365	Soil	561	66.0	6.5	<0.01	0.04	0.89	0.5	0.4	0.4	9.4	<0.01	0.07	0.6	0.007
1366	Soil	601	23.6	5.8	<0.01	0.04	0.67	0.6	0.3	0.3	7.5	<0.01	0.08	0.9	0.006
1367	Soil	370	27.0	2.7	<0.01	0.03	0.38	0.3	0.3	0.3	5.8	<0.01	0.04	<0.2	0.009
1368	Soil	655	61.5	7.1	<0.01	0.05	0.76	0.9	0.5	0.6	8.8	<0.01	0.06	1.3	0.009
1369	Soil	396	24.2	6.2	<0.01	0.02	1.31	1.6	0.2	0.5	10.1	<0.01	0.07	8.3	0.021
1370	Soil	440	27.0	5.1	<0.01	0.03	0.91	0.7	0.3	0.3	18.4	<0.01	0.06	2.0	0.009
1371	Soil	377	18.7	3.9	<0.01	0.01	0.83	0.5	0.2	0.3	21.9	<0.01	0.07	1.4	0.006
1372	Soil	376	42.0	4.8	<0.01	0.02	1.11	1.4	0.3	0.3	19.6	<0.01	0.08	8.1	0.007
1373	Soil	378	29.2	3.6	<0.01	0.01	0.82	1.2	<0.2	<0.2	17.5	<0.01	0.10	5.3	<0.005
1374	Soil	306	28.0	3.5	<0.01	0.02	1.21	0.8	0.3	<0.2	15.8	<0.01	0.08	3.9	<0.005
1375	Soil	450	45.5	4.4	<0.01	0.02	1.34	1.4	0.3	0.2	23.1	<0.01	0.10	6.5	<0.005
1376	Soil	333	65.7	4.3	<0.01	0.03	1.92	0.8	0.2	0.2	25.4	<0.01	0.10	3.8	<0.005
1377	Soil	364	41.4	5.0	<0.01	0.03	0.95	0.6	<0.2	0.3	7.3	<0.01	0.07	2.7	0.005
1378	Soil	382	18.6	2.5	<0.01	0.03	0.40	0.1	0.2	<0.2	6.9	<0.01	0.02	0.2	0.006
1379	Soil	456	62.5	5.5	<0.01	0.05	1.55	0.4	0.4	0.3	16.2	<0.01	0.11	0.6	0.005
1380	Soil	306	40.5	3.9	<0.01	0.02	0.77	0.7	<0.2	0.5	11.2	<0.01	0.04	2.8	0.015

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1381	Soil	403	51.7	6.5	<0.01	0.03	1.13	0.5	0.3	0.3	19.6	<0.01	0.09	1.0	0.005
1382	Soil	732	33.5	6.6	<0.01	0.02	0.88	0.9	0.3	0.3	9.2	<0.01	0.08	3.0	0.006
1383	Soil	335	3.9	1.3	<0.01	0.01	0.09	<0.1	<0.2	<0.2	5.8	<0.01	<0.01	<0.2	0.010
1384	Soil	290	38.8	4.8	<0.01	0.01	0.96	1.2	0.3	0.3	16.0	<0.01	0.07	12.2	0.005
1385	Soil	425	38.5	4.9	<0.01	0.02	1.26	1.1	<0.2	0.3	9.6	<0.01	0.08	6.6	0.007
1386	Soil	257	44.2	5.5	<0.01	0.02	1.11	1.6	0.2	0.3	12.4	<0.01	0.08	9.7	0.007
1387	Soil	618	21.8	5.8	<0.01	0.02	0.95	0.8	0.2	0.3	5.8	<0.01	0.06	2.4	0.007
1388	Soil	423	16.6	6.3	<0.01	0.02	0.71	0.2	<0.2	0.3	10.4	<0.01	0.04	0.3	<0.005
1389	Soil	534	15.9	4.0	<0.01	0.01	0.50	0.3	<0.2	<0.2	6.7	<0.01	0.03	0.5	0.005
1390	Soil	495	13.1	5.4	<0.01	0.02	0.55	0.1	<0.2	<0.2	9.1	<0.01	0.03	<0.2	<0.005
1391	Soil	521	18.7	2.1	<0.01	0.02	0.39	<0.1	<0.2	<0.2	8.7	<0.01	0.03	<0.2	<0.005
1392	Soil	366	132.9	3.3	<0.01	0.04	2.69	1.4	0.5	0.2	37.9	<0.01	0.16	8.0	<0.005
1393	Soil	600	66.5	2.6	<0.01	0.03	1.43	2.0	0.5	<0.2	18.0	<0.01	0.07	8.6	<0.005
1394	Soil	644	30.5	2.2	<0.01	0.03	0.67	0.9	0.2	0.2	4.1	<0.01	0.07	3.7	<0.005
1395	Soil	683	29.9	4.2	<0.01	0.02	0.86	1.5	0.3	<0.2	3.9	<0.01	0.09	7.9	<0.005
1396	Soil	511	34.7	3.7	<0.01	0.02	0.91	1.7	0.2	<0.2	7.0	<0.01	0.09	8.7	<0.005
1397	Soil	375	14.5	4.5	<0.01	0.02	0.31	0.9	<0.2	0.2	4.8	<0.01	0.05	4.5	<0.005
1398	Soil	417	23.2	3.1	<0.01	0.02	0.71	1.2	0.2	0.4	6.2	<0.01	0.08	4.5	0.009
1399	Soil	266	24.9	5.8	<0.01	0.01	0.43	1.5	<0.2	0.3	5.1	<0.01	0.07	7.6	<0.005
1400	Soil	427	40.9	2.9	<0.01	<0.01	0.64	1.6	<0.2	<0.2	4.3	<0.01	0.07	7.6	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1301	Soil	0.07	0.60	16	0.42	1.01	63	0.5
1302	Soil	0.40	0.90	11	0.62	0.71	52	<0.5
1303	Soil	0.22	0.21	8	0.21	0.30	15	<0.5
1304	Soil	0.19	0.42	10	0.50	0.53	43	<0.5
1305	Soil	0.17	0.98	11	0.55	1.05	52	<0.5
1306	Soil	<0.05	2.76	35	0.14	4.04	127	3.8
1307	Soil	0.08	0.77	13	0.74	1.01	113	<0.5
1308	Soil	0.07	0.55	14	0.52	0.99	74	<0.5
1309	Soil	0.09	1.18	20	1.12	1.53	201	<0.5
1310	Soil	0.08	1.32	18	0.43	2.02	339	<0.5
1311	Soil	0.07	1.19	17	0.48	1.61	165	<0.5
1312	Soil	0.07	2.52	25	0.42	3.61	196	2.5
1313	Soil	<0.05	0.64	43	0.20	1.74	91	<0.5
1314	Soil	<0.05	0.56	35	0.17	1.42	71	<0.5
1315	Soil	<0.05	1.55	41	0.17	2.39	81	0.5
1316	Soil	<0.05	5.81	39	0.06	5.22	84	5.8
1317	Soil	<0.05	0.79	45	0.14	2.98	75	1.1
1318	Soil	<0.05	0.30	31	0.06	0.98	61	0.7
1319	Soil	<0.05	0.45	30	0.05	1.76	66	0.8
1320	Soil	<0.05	0.88	30	0.07	2.90	66	2.2
1321	Soil	<0.05	0.69	39	0.09	2.22	80	1.0
1322	Soil	<0.05	0.58	41	0.09	2.38	103	1.0
1323	Soil	<0.05	0.52	15	0.06	1.13	26	<0.5
1324	Soil	<0.05	0.61	40	0.14	1.49	76	<0.5
1325	Soil	<0.05	0.60	26	0.06	1.17	51	0.6
1326	Soil	<0.05	0.73	37	0.14	1.62	72	<0.5
1327	Soil	<0.05	15.42	36	0.08	11.60	133	6.1
1328	Soil	<0.05	4.20	25	0.11	6.28	61	<0.5
1329	Soil	<0.05	1.53	35	0.11	2.58	72	1.0
1330	Soil	<0.05	0.99	40	0.12	1.52	82	0.7
1331	Soil	<0.05	1.55	49	0.09	2.80	174	1.7
1332	Soil	<0.05	0.75	33	0.12	1.33	81	0.6
1333	Soil	0.08	0.67	26	0.32	1.48	120	<0.5
1334	Soil	0.08	0.94	34	0.40	1.91	205	2.2
1335	Soil	<0.05	0.75	39	0.26	1.55	124	<0.5
1336	Soil	<0.05	0.44	13	0.12	0.48	52	<0.5
1337	Soil	0.14	0.96	11	1.68	1.14	84	<0.5
1338	Soil	0.18	1.02	9	1.70	1.18	66	<0.5
1339	Soil	0.18	1.02	8	1.29	1.23	71	<0.5
1340	Soil	0.17	1.04	10	1.00	1.23	77	<0.5

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11-360-07329-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1341	Soil	0.25	0.92	7	0.79	1.34	32	<0.5
1342	Soil	0.22	1.26	24	0.69	1.46	105	<0.5
1343	Soil	0.28	1.48	15	0.82	1.31	83	<0.5
1344	Soil	0.12	1.16	10	0.60	1.26	91	<0.5
1345	Soil	0.14	1.16	8	0.69	1.23	60	<0.5
1346	Soil	0.20	1.17	10	0.73	1.52	39	<0.5
1347	Soil	0.19	0.90	13	0.88	1.28	57	<0.5
1348	Soil	0.13	1.10	11	0.53	1.28	85	<0.5
1349	Soil	0.11	1.23	8	0.30	1.90	80	<0.5
1350	Soil	0.17	1.30	21	1.22	1.63	97	<0.5
1351	Soil	0.17	0.81	15	0.72	1.17	50	<0.5
1352	Soil	0.12	1.22	25	0.54	1.93	72	0.7
1353	Soil	0.14	1.68	10	0.83	1.96	124	<0.5
1354	Soil	0.10	0.57	24	0.38	1.24	43	<0.5
1355	Soil	<0.05	0.16	8	0.07	0.29	10	<0.5
1356	Soil	<0.05	0.75	37	0.20	1.56	82	0.8
1357	Soil	0.06	0.52	32	0.23	1.47	37	<0.5
1358	Soil	0.06	0.53	34	0.37	1.11	47	<0.5
1359	Soil	0.06	0.69	39	0.15	1.45	80	<0.5
1360	Soil	0.05	0.50	27	0.16	0.97	43	<0.5
1361	Soil	0.09	0.71	48	0.37	1.66	78	0.6
1362	Soil	0.07	0.66	42	0.34	1.54	49	<0.5
1363	Soil	0.10	0.65	23	0.39	1.18	52	<0.5
1364	Soil	0.09	0.54	23	1.08	1.39	35	<0.5
1365	Soil	0.10	0.85	26	0.95	1.44	57	<0.5
1366	Soil	0.05	0.67	29	0.16	1.48	61	0.5
1367	Soil	0.09	1.10	16	0.30	1.36	27	<0.5
1368	Soil	0.21	2.14	36	0.77	2.35	86	<0.5
1369	Soil	0.13	1.25	28	1.32	1.63	70	0.8
1370	Soil	0.13	1.57	21	0.62	1.67	62	<0.5
1371	Soil	0.10	0.99	16	0.63	1.41	61	<0.5
1372	Soil	0.19	1.57	19	0.94	1.81	95	<0.5
1373	Soil	0.20	1.58	13	0.47	1.99	90	<0.5
1374	Soil	0.18	1.29	12	0.61	1.20	73	<0.5
1375	Soil	0.16	1.57	14	0.71	1.83	102	<0.5
1376	Soil	0.17	1.00	10	0.79	1.17	43	<0.5
1377	Soil	0.13	0.61	17	0.55	0.90	46	<0.5
1378	Soil	<0.05	0.43	11	0.17	0.46	16	<0.5
1379	Soil	0.08	0.71	16	0.43	1.14	42	<0.5
1380	Soil	0.14	0.56	24	0.37	0.99	38	<0.5

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11-360-07329-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1381	Soil	0.12	1.06	18	0.86	1.54	61	<0.5
1382	Soil	0.06	0.76	26	0.32	1.59	72	<0.5
1383	Soil	<0.05	0.23	7	0.08	0.18	9	<0.5
1384	Soil	0.07	0.88	19	3.20	1.46	91	1.1
1385	Soil	0.06	0.76	22	0.43	1.50	81	0.5
1386	Soil	0.06	0.84	27	0.43	1.63	98	1.2
1387	Soil	0.05	0.52	32	0.22	1.19	80	<0.5
1388	Soil	<0.05	0.34	12	0.26	0.60	45	<0.5
1389	Soil	<0.05	0.38	18	0.18	0.77	43	<0.5
1390	Soil	<0.05	0.40	10	0.17	0.63	43	<0.5
1391	Soil	<0.05	0.47	6	0.16	0.32	14	<0.5
1392	Soil	0.14	1.25	18	0.64	1.44	104	1.2
1393	Soil	<0.05	3.80	36	0.11	3.26	172	3.0
1394	Soil	<0.05	0.93	27	0.08	1.75	70	1.5
1395	Soil	<0.05	0.95	44	0.09	1.84	113	2.0
1396	Soil	<0.05	1.04	42	0.06	2.46	123	1.6
1397	Soil	<0.05	0.63	28	0.08	1.06	57	0.6
1398	Soil	<0.05	0.74	42	0.17	1.53	79	<0.5
1399	Soil	<0.05	1.20	34	0.07	2.75	88	0.8
1400	Soil	<0.05	0.79	40	0.07	1.92	107	1.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
1301	Soil		0.19	0.44	126.6	14	0.11	0.47	<0.01	0.10	18.20	7.7	10	1.08	32.9
1301 Dup			0.14	0.44	127.5	15	0.11	0.47	<0.01	0.10	17.89	7.0	10	1.11	30.0
QCV1109-01954-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6094.0
1319	Soil		0.15	1.43	42.1	25	0.21	0.23	0.13	0.21	18.39	10.0	20	0.75	25.1
1319 Dup			0.14	1.43	38.3	24	0.20	0.24	0.13	0.19	18.47	9.6	20	0.74	23.9
QCV1109-01954-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5842.4
1337	Soil		0.43	0.33	1781.5	35	0.12	0.44	0.01	0.81	25.54	8.1	10	1.07	30.2
1337 Dup			0.48	0.33	1770.9	36	0.15	0.45	0.01	0.76	26.27	8.2	10	1.09	28.7
QCV1109-01954-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5394.1
1355	Soil		0.47	0.19	14.8	16	<0.05	0.05	0.03	0.12	5.90	1.2	4	0.39	4.9
1355 Dup			0.47	0.20	14.1	16	<0.05	0.06	0.03	0.12	6.18	1.1	4	0.39	4.7
QCV1109-01954-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.56					8.27				22.2			>10000
1373	Soil		0.13	0.35	57.3	28	0.26	0.51	<0.01	0.20	21.48	16.4	13	1.73	48.5
1373 Dup			0.13	0.36	57.1	26	0.26	0.48	<0.01	0.19	21.85	16.3	13	1.69	48.7
QCV1109-01954-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.53					8.92				23.3			>10000
1391	Soil		0.44	0.26	112.1	20	0.08	0.12	0.03	0.13	4.58	1.9	3	0.39	8.1
1391 Dup			0.42	0.26	102.8	19	0.07	0.11	0.03	0.14	4.21	1.9	3	0.37	8.2
QCV1109-01954-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1109-01954-0018-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.51		6947.4							9.2			27.0
1301	Soil	0.019													
1301 Dup		0.012													
QCV1109-01955-0004-BLK		<0.005													
1337	Soil	0.383													
1337 Dup		0.358													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.833													
1355	Soil	0.009													
1355 Dup		0.025													

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
QCV1109-01955-0008-BLK		<0.005													
1373	Soil	0.026													
1373 Dup		0.025													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.802													
1391	Soil	0.024													
1391 Dup		0.032													
QCV1109-01955-0012-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.869													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
1301	Soil	2.49	3.18	<0.05	0.22	0.02	0.02	10.2	4.3	0.08	209	0.77	<0.01	0.62	18.9
1301 Dup		2.41	3.09	<0.05	0.10	0.02	0.02	10.4	4.0	0.08	206	0.80	<0.01	0.56	17.2
QCV1109-01954-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1319	Soil	2.69	4.83	<0.05	0.04	0.01	0.02	9.8	36.7	0.62	774	0.86	0.01	0.33	25.4
1319 Dup		2.64	4.47	<0.05	0.04	0.01	0.02	9.4	31.4	0.61	768	0.83	0.01	0.31	23.4
QCV1109-01954-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1337	Soil	2.43	1.95	0.06	0.13	0.04	0.04	14.3	3.6	0.07	163	1.00	<0.01	0.17	19.9
1337 Dup		2.55	1.95	0.06	0.10	0.04	0.04	14.5	3.5	0.07	157	1.00	<0.01	0.16	19.9
QCV1109-01954-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1355	Soil	0.43	1.56	<0.05	0.06	<0.01	0.02	3.3	1.0	0.02	123	0.69	0.02	0.10	3.7
1355 Dup		0.42	1.50	<0.05	0.05	<0.01	0.02	3.2	1.0	0.02	123	0.67	0.02	0.09	3.4
QCV1109-01954-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1373	Soil	2.76	1.94	<0.05	0.07	0.02	0.03	11.8	2.5	0.05	410	0.81	<0.01	0.17	32.2
1373 Dup		2.70	1.92	<0.05	0.06	0.02	0.03	11.4	2.3	0.05	401	0.82	<0.01	0.17	32.9
QCV1109-01954-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
1391	Soil	0.56	1.22	<0.05	0.03	<0.01	0.02	2.6	0.3	0.01	43	0.55	0.02	0.10	5.0
1391 Dup		0.57	1.16	<0.05	0.03	<0.01	0.02	2.4	0.3	0.01	43	0.53	0.02	0.09	5.1
QCV1109-01954-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-01954-0018-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.37	473				46.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
1301	Soil	344	27.5	4.2	<0.01	0.01	1.05	1.1	<0.2	0.3	6.1	0.01	0.10	7.2	<0.005
1301 Dup		335	26.0	4.4	<0.01	0.01	1.00	0.8	<0.2	0.3	6.5	<0.01	0.11	7.2	<0.005
QCV1109-01954-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								22.2				
1319	Soil	634	17.5	2.5	<0.01	0.02	0.66	0.9	0.2	<0.2	11.7	<0.01	0.06	1.4	<0.005
1319 Dup		647	16.2	2.3	<0.01	0.02	0.61	0.9	0.2	<0.2	10.8	<0.01	0.05	1.5	<0.005
QCV1109-01954-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								24.6				
1337	Soil	320	147.8	4.0	<0.01	0.04	2.55	1.0	0.4	0.3	40.8	<0.01	0.17	6.1	<0.005
1337 Dup		324	155.8	4.0	<0.01	0.04	2.54	1.0	0.4	0.3	43.3	<0.01	0.15	6.6	<0.005
QCV1109-01954-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								24.7				
1355	Soil	308	5.8	1.8	<0.01	0.02	0.17	<0.1	<0.2	<0.2	4.6	<0.01	0.01	<0.2	<0.005
1355 Dup		317	5.5	1.7	<0.01	0.02	0.15	<0.1	<0.2	<0.2	4.4	<0.01	0.01	<0.2	<0.005
QCV1109-01954-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.8				1.35		13.3	16.3					
1373	Soil	378	29.2	3.6	<0.01	0.01	0.82	1.2	<0.2	<0.2	17.5	<0.01	0.10	5.3	<0.005
1373 Dup		374	29.8	3.7	<0.01	0.01	0.82	1.1	0.2	<0.2	18.4	<0.01	0.09	5.2	<0.005
QCV1109-01954-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.4				1.59		13.7	16.0					
1391	Soil	521	18.7	2.1	<0.01	0.02	0.39	<0.1	<0.2	<0.2	8.7	<0.01	0.03	<0.2	<0.005
1391 Dup		506	19.5	2.0	<0.01	0.02	0.37	<0.1	<0.2	<0.2	8.3	<0.01	0.03	<0.2	<0.005
QCV1109-01954-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1109-01954-0018-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		321	12.3												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
1301	Soil	0.07	0.60	16	0.42	1.01	63	0.5
1301 Dup		0.07	0.62	16	0.42	1.00	63	<0.5
QCV1109-01954-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5170	
1319	Soil	<0.05	0.45	30	0.05	1.76	66	0.8
1319 Dup		<0.05	0.46	30	0.06	1.64	65	0.8
QCV1109-01954-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5185	
1337	Soil	0.14	0.96	11	1.68	1.14	84	<0.5
1337 Dup		0.13	0.95	11	1.13	1.18	83	<0.5
QCV1109-01954-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5078	
1355	Soil	<0.05	0.16	8	0.07	0.29	10	<0.5
1355 Dup		<0.05	0.19	8	0.08	0.27	10	<0.5
QCV1109-01954-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							184	
1373	Soil	0.20	1.58	13	0.47	1.99	90	<0.5
1373 Dup		0.19	1.56	13	0.47	2.09	89	<0.5
QCV1109-01954-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
1391	Soil	<0.05	0.47	6	0.16	0.32	14	<0.5
1391 Dup		<0.05	0.43	6	0.15	0.31	15	<0.5
QCV1109-01954-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1109-01954-0018-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.06					213	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Distribution List

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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 5**
Client Reference: **Soil 5**
Description: **3 ACE**

Date Received: 09/19/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	158	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3502	Soil	0.029	0.11	2.20	180.8	39	0.50	0.50	0.02	0.14	40.31	16.1	29	1.34	41.2
3503	Soil	0.029	0.02	2.16	158.0	48	0.70	0.48	0.04	0.12	49.68	16.1	26	1.09	40.9
3504	Soil	0.014	0.05	1.24	98.3	44	0.26	0.33	0.05	0.12	24.64	8.2	18	0.83	23.5
3505	Soil	0.009	0.10	0.65	49.2	22	0.11	0.22	<0.01	0.23	17.21	4.1	12	0.82	15.1
3506	Soil	0.040	0.20	1.89	167.0	35	0.29	0.46	0.02	0.17	50.43	16.2	29	1.36	34.6
3507	Soil	0.036	0.16	2.03	159.2	40	0.51	0.58	0.06	0.33	33.61	17.4	31	2.15	41.8
3508	Soil	0.060	0.30	1.78	353.3	42	0.41	0.43	0.03	0.21	43.12	15.4	25	2.46	39.8
3509	Soil	0.008	0.10	0.92	46.1	26	0.37	0.19	0.02	0.20	23.21	7.1	13	2.43	24.8
3510	Soil	0.019	0.09	1.68	122.4	45	0.65	0.44	0.11	0.18	33.31	17.6	25	3.38	43.0
3511	Soil	0.008	0.35	0.70	83.2	41	0.68	0.32	0.16	0.76	13.51	14.9	8	4.07	50.7
3512	Soil	0.008	0.23	0.49	68.9	15	0.27	0.22	0.03	0.23	14.55	4.5	11	2.87	19.3
3513	Soil	0.026	0.27	2.23	224.8	31	0.59	0.55	0.04	0.22	39.13	21.7	32	3.51	44.5
3514	Soil	0.010	0.03	0.67	28.8	30	0.09	0.15	0.01	0.27	20.84	4.3	14	1.86	16.7
3515	Soil	0.024	0.35	1.35	102.4	46	0.53	0.33	0.22	0.28	33.37	10.1	17	1.97	28.7
3516	Soil	0.040	0.13	1.59	181.7	38	0.56	0.57	0.14	0.18	42.27	16.3	24	2.51	36.5
3517	Soil	0.026	0.07	2.21	147.5	44	1.02	0.65	0.32	0.24	57.90	24.6	31	2.25	50.0
3518	Soil	0.024	0.04	1.63	106.0	36	0.40	0.50	0.04	0.28	41.03	15.0	26	2.18	32.3
3519	Soil	0.034	0.20	2.18	147.4	46	0.57	0.65	0.15	0.12	39.50	21.4	29	2.06	60.1
3520	Soil	0.016	0.16	1.50	109.9	54	0.51	0.43	0.15	0.14	28.05	10.5	20	1.04	31.9
3521	Soil	0.029	<0.01	2.21	135.3	47	0.58	0.46	0.14	0.15	39.51	17.0	31	1.48	34.6
3522	Soil	0.030	0.11	2.35	147.4	55	0.88	0.60	0.16	0.18	52.76	23.4	33	1.92	51.8
3523	Soil	0.015	0.09	1.43	70.3	67	0.40	0.46	0.19	0.46	39.21	10.6	19	1.36	27.1
3524	Soil	0.018	0.22	2.32	158.1	62	0.96	0.54	0.42	0.15	35.57	22.6	27	4.74	49.0
3525	Soil	0.008	0.09	1.36	39.0	58	0.45	0.34	0.36	0.15	27.71	9.8	19	1.96	24.9
3526	Soil	0.010	0.19	1.84	38.8	79	0.57	0.40	0.31	0.08	30.13	12.4	21	1.97	31.7
3527	Soil	0.014	0.05	1.75	37.5	64	0.72	0.40	0.18	0.15	28.50	12.3	25	1.78	28.4
3528	Soil	0.019	0.23	2.05	65.2	48	0.78	0.52	0.08	0.24	32.57	18.7	31	1.80	39.9
3529	Soil	0.014	0.26	1.27	37.0	88	0.40	0.40	0.46	0.26	14.68	10.6	17	2.10	33.6
3530	Soil	0.014	0.37	1.70	29.0	70	0.60	0.50	0.69	0.29	21.91	14.9	21	2.31	39.3
3531	Soil	0.010	0.21	1.66	28.3	57	0.43	0.33	0.14	0.10	25.20	9.4	20	1.69	21.9
3532	Soil	0.016	0.06	1.55	24.3	38	0.37	0.39	0.03	0.17	32.06	12.1	21	1.56	30.4
3533	Soil	0.016	0.06	2.59	38.5	29	0.46	0.68	0.05	0.21	54.92	22.9	38	2.51	64.0
3534	Soil	0.011	0.20	1.09	13.5	43	0.39	0.30	0.03	0.14	26.37	7.8	14	3.08	27.5
3678	Soil	0.018	0.43	0.29	6.1	22	<0.05	0.08	0.02	0.17	9.53	1.5	4	0.33	6.5
3679	Soil	0.014	0.26	0.18	1.5	22	0.05	0.07	0.06	0.20	2.68	0.6	3	0.12	17.6
3680	Soil	0.098	0.67	0.76	174.5	23	0.10	0.33	0.02	0.14	27.42	5.0	11	1.21	19.3
3681	Soil	0.032	0.16	0.57	224.2	21	0.08	0.25	0.02	0.22	22.52	5.5	11	1.12	17.0
3682	Soil	0.153	0.21	0.58	318.6	27	0.21	0.55	<0.01	0.17	23.15	6.1	8	1.46	20.8
3683	Soil	0.026	0.04	0.52	39.4	18	0.07	0.27	0.01	0.09	24.19	3.7	9	0.74	12.1
3684	Soil	0.012	0.07	1.47	74.3	24	0.18	0.54	<0.01	0.09	51.69	8.0	26	1.44	18.6

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3685	Soil	0.014	0.02	0.67	94.9	28	0.06	0.52	<0.01	0.22	57.04	5.3	16	0.66	21.3
3686	Soil	0.023	0.04	0.86	100.3	21	0.16	0.39	<0.01	0.13	32.15	5.9	13	1.15	19.5
3687	Soil	0.025	0.01	0.84	61.9	27	0.06	0.42	0.01	0.11	48.19	5.4	14	1.11	16.3
3688	Soil	0.018	0.16	0.67	120.8	22	0.21	0.40	<0.01	0.25	21.72	4.9	11	1.08	13.7
3689	Soil	0.021	0.07	0.86	203.6	30	0.32	0.52	0.01	0.15	26.34	7.7	15	1.61	24.2
3690	Soil	0.020	0.09	0.55	186.3	28	0.29	0.37	0.04	0.12	23.33	6.5	5	1.83	23.2
3691	Soil	0.089	0.11	0.71	961.4	35	0.29	0.40	0.01	0.31	34.34	10.6	10	2.52	37.2
3692	Soil	0.024	0.06	0.57	82.3	17	0.16	0.08	0.02	0.17	5.96	2.1	8	0.65	9.4
3693	Soil	0.046	0.14	0.63	64.0	35	0.20	0.16	0.03	0.18	6.47	1.9	7	1.02	12.6
3694	Soil	0.021	0.10	0.14	44.9	17	0.10	0.14	0.02	0.40	10.78	3.4	13	0.77	11.3
3695	Soil	0.028	0.08	0.60	125.7	33	0.29	0.45	0.01	0.21	26.23	27.3	15	2.16	41.6
3696	Soil	0.031	0.23	0.17	59.6	34	0.23	0.42	0.02	0.24	18.45	7.4	8	1.14	42.7
3697	Soil	0.034	0.26	0.24	65.6	101	0.25	0.37	0.03	0.26	15.25	12.1	9	2.35	34.0
3672	Soil	0.010	0.06	1.72	85.3	32	0.24	0.57	0.01	0.20	37.80	11.3	27	1.60	33.4
3676	Soil	0.011	0.05	2.55	49.1	31	0.54	0.66	0.03	0.19	36.71	23.4	37	2.29	50.9
3698	Soil	0.058	0.29	0.59	99.5	25	0.33	0.36	0.02	0.20	25.21	8.9	16	0.94	24.9
3699	Soil	0.019	0.33	0.21	103.4	21	0.20	0.20	<0.01	0.17	11.89	6.2	8	1.23	20.7
3700	Soil	0.027	0.38	0.26	87.3	51	0.11	0.22	0.03	0.56	12.62	6.7	16	0.66	24.0
3701	Soil	0.017	0.14	0.56	171.7	26	0.15	0.22	0.01	0.17	23.71	3.6	5	1.55	13.3
3702	Soil	0.025	0.11	0.67	219.8	60	0.26	0.45	0.03	0.28	29.95	12.4	10	1.67	28.3
3703	Soil	0.053	0.22	0.64	637.1	42	0.33	0.53	0.02	0.48	32.62	11.7	14	2.00	33.5
3704	Soil	0.097	0.23	1.01	751.0	57	0.51	0.40	0.05	2.47	28.86	20.2	17	4.91	51.9
3705	Soil	0.350	0.79	0.63	8055.0	115	0.42	0.71	0.03	1.43	37.99	13.6	11	2.87	52.4
3706	Soil	0.062	0.45	0.84	717.4	53	0.14	0.34	0.03	0.34	31.33	6.6	15	1.18	19.4
3707	Soil	0.007	0.19	0.44	129.3	45	0.16	0.33	<0.01	0.36	27.59	6.1	9	3.21	19.4
3708	Soil	0.008	0.14	1.51	201.4	60	0.25	0.46	0.03	0.45	39.72	11.1	21	1.51	20.8
3709	Soil	0.013	0.10	0.62	517.5	36	0.15	0.46	<0.01	0.23	44.40	6.8	11	1.05	20.7
3710	Soil	0.014	0.05	0.65	293.5	42	0.22	0.29	0.01	0.33	29.19	6.3	12	0.71	18.7
3711	Soil	0.018	0.33	0.38	265.2	49	0.18	0.46	0.02	0.34	42.03	7.6	10	0.56	34.1
3712	Soil	0.069	0.24	0.85	381.1	42	0.28	0.41	0.02	0.69	31.53	11.2	13	0.86	30.9
3713	Soil	0.026	0.54	0.96	224.9	38	0.48	0.43	0.03	0.70	29.09	17.3	20	0.90	42.7
3714	Soil	0.033	0.32	0.98	200.8	28	0.49	0.38	0.03	0.64	36.81	12.4	25	0.69	30.8
3715	Soil	0.023	0.66	0.73	237.5	38	0.15	0.99	0.01	0.63	34.56	8.6	14	0.69	21.8
3716	Soil	0.007	0.88	0.11	54.2	40	<0.05	0.25	0.03	0.61	2.37	0.9	9	0.35	4.1
3717	Soil	0.014	1.35	0.87	317.8	71	0.22	1.05	0.06	0.83	41.36	11.1	22	0.90	21.2
3718	Soil	0.009	0.21	0.96	128.0	56	0.26	0.51	0.02	0.50	45.46	8.8	18	0.73	18.1
3719	Soil	0.073	0.21	1.58	138.2	49	0.44	0.56	0.01	0.39	65.89	12.7	25	0.93	20.8
3720	Soil	0.040	0.30	1.70	278.8	39	0.36	0.66	0.26	0.90	23.94	21.2	31	1.72	23.6
3721	Soil	0.019	0.32	1.48	210.6	57	0.58	0.53	1.02	2.59	13.16	25.1	28	1.32	66.0
3722	Soil	0.007	0.40	1.67	19.2	85	0.70	0.55	0.30	0.13	21.98	14.4	18	4.14	54.8

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Certificate of Analysis

11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3723	Soil	<0.005	0.30	1.61	58.5	36	0.34	0.93	0.03	0.24	41.73	17.4	24	2.53	53.8
3724	Soil	0.006	0.07	1.87	31.0	27	0.41	0.79	0.03	0.11	35.52	12.0	25	1.61	55.8
4411	Soil	0.016	0.30	0.48	220.8	32	0.44	0.58	0.03	1.05	29.51	16.8	16	3.55	36.5
4412	Soil	0.104	4.44	0.48	824.6	25	0.16	0.36	0.04	3.71	19.77	6.2	8	2.35	30.2
4413	Soil	0.008	0.43	0.92	230.2	73	0.27	0.48	0.02	0.49	41.45	30.3	22	2.17	30.7
4414	Soil	0.006	0.48	1.10	14.6	29	0.12	0.41	0.01	0.49	32.96	4.9	17	1.06	31.0
4415	Soil	0.006	0.15	1.26	25.9	27	0.10	0.35	<0.01	0.11	29.64	6.3	19	1.15	25.5
4416	Soil	0.005	0.63	0.75	12.5	23	0.31	0.24	0.01	0.12	19.36	3.3	9	1.39	26.9
4417	Soil	0.007	0.10	1.66	30.6	26	0.10	0.45	<0.01	0.13	48.87	8.6	24	1.60	26.5
4418	Soil	0.009	0.52	2.08	17.2	53	0.92	0.60	1.22	0.25	20.72	24.8	37	7.72	132.5
4419	Soil	0.016	0.11	2.14	61.5	57	0.70	0.59	0.18	0.14	49.67	25.1	33	4.34	63.5
4420	Soil	0.010	0.10	1.53	60.8	33	0.34	0.53	0.01	0.12	56.83	15.3	25	1.97	38.2
4421	Soil	0.006	0.09	1.31	39.5	37	0.45	0.34	0.03	0.13	44.75	13.0	17	1.60	33.7
4422	Soil	0.007	0.06	1.97	65.1	30	0.32	0.47	0.03	0.09	59.52	16.0	28	1.12	36.3
4423	Soil	0.015	0.17	2.58	79.8	26	0.52	0.45	0.06	0.14	47.09	21.1	38	1.06	49.9
4424	Soil	0.010	0.12	1.57	54.0	18	0.32	0.30	0.03	0.13	27.14	12.4	21	0.79	30.6
4425	Soil	0.011	0.13	2.21	143.5	23	0.38	0.34	0.35	0.11	32.67	13.3	29	1.22	28.4
4465	Soil	0.007	0.10	1.47	29.1	39	0.45	0.45	0.08	0.14	34.82	15.5	30	4.08	50.7
4466	Soil	0.011	0.08	1.94	30.6	41	0.47	0.43	0.16	0.29	40.87	14.9	32	6.08	38.0
4467	Soil	0.011	0.08	1.84	28.0	18	0.58	0.50	0.09	0.34	56.28	15.8	36	4.57	40.9
4468	Soil	0.008	0.12	1.64	14.8	50	0.52	0.44	0.22	0.42	31.56	13.4	30	4.87	29.0
4469	Soil	0.010	0.11	1.55	10.4	30	0.36	0.30	0.07	0.37	23.90	11.7	34	6.19	26.5
4470	Soil	0.008	0.31	1.64	8.2	76	0.28	0.37	0.41	0.35	15.13	12.7	22	4.36	44.7
4471	Soil	0.007	0.14	2.18	8.8	50	0.35	0.41	0.09	0.23	17.75	15.0	31	10.09	31.9
4472	Soil	0.007	0.19	1.11	7.9	45	0.35	0.30	0.12	0.26	14.81	10.1	16	2.87	53.1
4473	Soil	0.029	0.14	2.18	73.3	24	0.62	0.47	0.09	0.13	28.54	21.1	31	2.02	39.6
4474	Soil	0.160	0.19	0.87	311.2	31	0.50	0.43	<0.01	0.15	46.39	12.7	15	1.57	26.2
4475	Soil	0.067	0.16	0.75	206.3	28	0.29	0.45	<0.01	0.16	50.55	13.6	18	1.66	29.8
4476	Soil	0.032	0.57	1.49	111.6	57	0.49	0.46	0.02	0.26	54.05	13.9	21	2.47	29.7
4477	Soil	0.023	0.16	1.12	92.3	31	0.19	0.29	<0.01	0.14	48.87	8.4	17	1.28	20.6
4478	Soil	0.056	0.40	1.48	103.9	29	0.27	0.23	<0.01	0.08	74.83	12.0	19	0.81	20.1
4479	Soil	0.039	0.31	1.11	97.6	26	0.29	0.30	<0.01	0.23	48.79	8.2	14	0.73	12.5
4480	Soil	0.043	0.13	1.04	75.9	26	0.20	0.33	<0.01	0.19	38.28	9.7	16	1.07	22.5
4481	Soil	0.113	0.08	0.44	444.0	45	0.26	0.52	<0.01	0.21	55.42	10.5	11	2.37	29.4
4482	Soil	0.018	0.26	0.90	85.4	26	0.31	0.21	<0.01	0.30	42.11	9.7	25	1.38	13.8
4483	Soil	0.010	0.15	0.84	60.5	40	0.35	0.32	0.01	0.25	62.03	8.2	14	2.00	12.8
4484	Soil	0.017	0.10	0.80	62.3	42	0.27	0.36	0.02	0.29	55.46	7.8	16	1.42	12.6
4485	Soil	0.109	0.12	1.36	651.4	41	0.35	0.39	<0.01	0.17	49.96	11.4	18	1.51	28.2
4486	Soil	0.025	0.79	0.77	178.8	44	0.33	0.41	0.08	0.74	33.21	11.4	26	1.51	23.1
4487	Soil	0.021	2.09	0.75	90.6	25	0.24	0.23	0.08	0.41	16.58	9.2	19	0.83	20.6

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4488	Soil	0.020	0.50	1.21	117.5	23	0.15	0.22	0.03	0.16	33.26	8.7	17	0.67	16.7
4489	Soil	0.047	0.85	0.70	391.9	33	0.27	0.37	0.05	1.19	35.75	10.2	13	1.84	18.1
4490	Soil	0.034	0.45	0.99	146.0	23	0.16	0.33	0.01	0.22	35.41	8.2	15	0.91	23.9
4491	Soil	0.008	0.46	0.66	516.1	32	0.22	0.44	0.01	0.67	37.86	13.4	34	1.12	33.3
4492	Soil	0.019	0.43	1.49	128.0	32	0.23	0.33	<0.01	0.16	47.26	9.0	21	0.91	20.6
4493	Soil	0.033	0.36	1.74	83.3	35	0.54	0.31	<0.01	0.16	58.73	12.5	22	1.04	25.3
4494	Soil	0.008	0.17	0.86	115.0	55	0.24	0.37	0.02	0.26	52.59	7.2	14	1.09	21.8
4495	Soil	0.578	0.28	1.02	364.4	34	0.31	0.22	0.03	0.33	45.66	6.0	22	1.24	14.9
4496	Soil	0.013	0.32	0.68	114.1	32	0.30	0.27	<0.01	0.56	42.85	8.1	43	0.74	18.6
4017	Soil	0.010	0.16	0.57	151.3	47	0.44	0.56	0.05	0.27	31.55	5.0	17	1.25	46.1
4014	Soil	1.687	0.36	0.57	356.8	23	0.25	0.40	0.01	0.09	58.45	8.8	9	0.94	25.7
5927	Soil	0.010	0.01	2.22	80.2	14	0.20	0.21	0.11	0.11	36.97	9.5	36	0.74	17.4
5928	Soil	0.009	0.08	1.87	487.1	43	0.50	0.35	0.33	0.85	23.68	13.5	38	4.16	24.6
5929	Soil	<0.005	0.07	1.81	42.4	21	0.29	0.30	0.01	0.16	50.33	11.5	30	1.08	29.8
5930	Soil	0.006	0.03	2.44	72.7	25	0.38	0.27	0.27	0.14	47.64	13.8	38	2.41	32.9
5931	Soil	0.006	<0.01	2.33	53.5	13	0.22	0.27	0.02	0.07	70.08	14.9	35	1.25	28.4
5932	Soil	<0.005	0.21	2.09	70.1	35	0.55	0.51	0.01	0.15	57.07	15.3	30	2.57	54.6
5933	Soil	<0.005	0.03	2.10	19.3	9	0.13	0.19	0.02	0.03	60.18	6.4	30	0.43	17.4
5934	Soil	<0.005	0.12	1.13	26.7	22	0.14	0.24	0.01	0.10	32.03	7.1	17	1.12	21.6
5935	Soil	<0.005	0.17	0.95	34.9	19	0.26	0.18	0.02	0.12	24.42	5.8	13	1.26	20.9
5936	Soil	<0.005	0.04	1.54	31.5	11	0.09	0.20	0.01	0.12	44.72	3.5	31	0.71	12.2
5937	Soil	0.008	0.21	2.06	138.9	28	0.22	0.58	0.01	0.16	45.20	15.5	33	2.80	44.5
5938	Soil	<0.005	0.11	1.23	46.3	36	0.19	0.45	0.01	0.10	32.85	6.3	25	1.57	28.5
5939	Soil	0.015	0.20	1.70	162.4	41	0.84	0.44	<0.01	0.22	40.43	13.2	29	2.39	47.1
5940	Soil	0.028	0.06	2.30	265.7	17	0.41	0.49	<0.01	0.08	45.86	20.9	37	1.77	48.5
5941	Soil	<0.005	0.08	1.00	37.2	26	0.26	0.36	0.01	0.20	16.92	4.9	19	1.31	17.7
5989	Soil	<0.005	0.11	1.40	24.4	37	0.39	0.63	0.01	0.33	29.50	11.6	25	2.85	39.6
5990	Soil	0.008	0.14	2.43	58.2	42	0.73	0.54	0.20	0.27	41.44	19.3	39	2.20	41.0
5991	Soil	0.006	0.05	2.47	35.5	33	0.55	0.53	0.19	0.56	36.84	26.7	48	1.69	46.1
5992	Soil	0.007	0.21	1.94	26.0	48	0.53	0.39	0.69	0.35	31.73	15.6	35	2.21	44.0
5993	Soil	<0.005	0.11	2.05	33.3	78	0.55	0.47	0.18	0.25	34.75	14.9	26	3.38	34.2
5994	Soil	<0.005	0.10	2.17	59.1	89	0.61	0.52	0.25	0.16	40.96	17.8	27	2.56	36.5
5995	Soil	<0.005	0.14	1.94	57.2	54	0.51	0.41	0.42	0.53	31.11	15.6	38	1.97	32.6
5996	Soil	0.010	1.65	1.32	65.9	40	0.49	0.33	0.39	0.29	18.63	10.9	18	2.05	31.9
5997	Soil	0.024	0.39	2.19	105.3	30	0.61	0.54	0.04	0.37	45.73	19.6	28	1.19	37.4
5998	Soil	0.012	0.20	1.50	69.0	39	0.24	0.37	0.03	0.18	53.21	7.0	21	1.22	16.6
5999	Soil	0.018	0.20	2.82	80.2	45	0.96	0.89	0.23	0.49	72.01	41.1	34	3.05	94.7
6000	Soil	0.020	0.43	1.96	362.9	110	1.24	0.46	0.46	0.36	46.41	28.5	19	4.60	52.8

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3502	Soil	4.41	9.54	0.06	0.26	0.04	0.02	6.4	74.1	0.81	609	1.34	<0.01	1.09	45.7
3503	Soil	3.93	7.80	<0.05	0.16	0.03	0.02	10.3	69.3	0.76	626	1.03	<0.01	0.60	43.0
3504	Soil	2.65	6.24	<0.05	0.11	0.02	0.02	4.3	38.0	0.40	272	1.15	<0.01	0.69	24.8
3505	Soil	1.68	4.69	<0.05	0.07	0.02	0.01	3.5	14.4	0.16	133	1.18	0.01	0.37	13.3
3506	Soil	3.92	9.40	<0.05	0.12	0.03	0.02	10.6	67.0	0.71	623	1.18	<0.01	0.50	40.6
3507	Soil	4.09	9.16	0.05	0.16	0.03	0.02	3.8	80.0	0.79	528	1.70	<0.01	0.55	51.4
3508	Soil	3.66	7.12	<0.05	0.11	0.04	0.02	7.3	58.8	0.64	620	1.16	<0.01	0.49	38.3
3509	Soil	1.59	4.26	<0.05	0.07	0.01	0.02	5.6	26.9	0.28	184	1.18	0.01	0.23	19.0
3510	Soil	3.01	6.87	<0.05	0.13	0.03	0.02	7.0	55.0	0.60	426	1.25	<0.01	0.35	34.9
3511	Soil	1.06	4.61	0.17	0.12	0.17	0.01	3.0	12.1	0.10	773	1.11	0.01	0.88	16.1
3512	Soil	1.22	2.95	<0.05	0.04	0.06	0.02	3.1	11.5	0.13	140	1.25	<0.01	0.26	12.5
3513	Soil	4.02	9.03	0.06	0.16	0.05	0.02	6.3	80.6	0.86	696	1.28	<0.01	0.30	50.8
3514	Soil	1.35	3.51	<0.05	0.04	0.02	0.02	4.7	22.7	0.25	142	1.07	<0.01	0.12	17.0
3515	Soil	2.55	6.57	<0.05	0.03	0.04	0.02	6.6	40.1	0.41	819	1.12	0.01	0.36	26.5
3516	Soil	3.79	8.56	<0.05	0.08	0.04	0.02	7.7	55.0	0.55	880	1.58	<0.01	0.60	34.7
3517	Soil	4.49	8.42	<0.05	0.12	0.05	0.03	9.6	75.4	0.79	1431	1.94	<0.01	0.30	51.6
3518	Soil	3.26	7.51	<0.05	0.09	0.03	0.02	8.1	53.6	0.60	656	1.62	<0.01	0.42	35.7
3519	Soil	4.07	8.93	<0.05	0.13	0.04	0.02	6.2	84.1	0.83	981	0.99	<0.01	0.32	50.2
3520	Soil	2.92	8.06	<0.05	0.06	0.02	0.02	7.1	48.5	0.47	342	1.02	<0.01	0.57	29.8
3521	Soil	4.07	7.78	<0.05	0.11	0.03	0.02	6.2	67.9	0.79	821	0.93	<0.01	0.40	39.9
3522	Soil	4.28	9.31	0.06	0.13	0.04	0.02	10.6	95.3	0.96	916	0.99	<0.01	0.25	55.7
3523	Soil	2.83	7.97	<0.05	0.08	0.03	0.03	8.8	41.3	0.43	714	1.13	<0.01	0.52	23.2
3524	Soil	3.70	7.59	<0.05	0.31	0.04	0.03	5.2	77.8	0.79	1086	1.15	<0.01	0.45	44.9
3525	Soil	2.23	5.90	<0.05	0.13	0.02	0.03	6.6	33.7	0.44	680	1.25	<0.01	0.65	21.2
3526	Soil	2.81	6.76	<0.05	0.25	0.02	0.03	5.5	57.0	0.64	528	0.90	0.01	0.49	31.5
3527	Soil	2.91	6.36	<0.05	0.25	0.02	0.03	5.8	55.5	0.62	460	1.18	<0.01	0.41	31.6
3528	Soil	3.89	7.71	0.08	0.25	0.08	0.03	4.5	70.9	0.80	676	1.21	<0.01	0.33	43.5
3529	Soil	2.13	5.26	<0.05	0.31	0.05	0.03	2.2	35.4	0.36	693	1.56	0.01	0.52	26.7
3530	Soil	2.65	6.53	<0.05	0.28	0.04	0.03	2.6	52.8	0.56	799	1.40	<0.01	0.47	32.5
3531	Soil	2.63	6.06	<0.05	0.11	0.02	0.02	5.0	51.2	0.60	360	0.78	0.01	0.36	28.0
3532	Soil	2.87	5.98	<0.05	0.14	0.02	0.02	7.0	49.4	0.52	331	1.40	<0.01	0.20	34.0
3533	Soil	4.48	10.12	0.08	0.14	0.04	0.02	13.2	97.4	1.03	659	1.43	<0.01	0.14	56.2
3534	Soil	1.68	5.50	<0.05	0.05	0.02	0.02	5.7	41.6	0.38	191	1.00	0.01	0.40	22.8
3678	Soil	0.55	3.25	<0.05	0.04	<0.01	0.01	1.9	0.6	0.01	49	0.87	0.02	0.31	4.3
3679	Soil	0.19	1.07	<0.05	9.29	<0.01	0.01	0.7	0.3	<0.01	8	0.68	0.01	0.56	2.5
3680	Soil	2.28	3.65	<0.05	0.70	0.03	0.02	5.7	14.3	0.18	257	1.17	<0.01	0.49	13.6
3681	Soil	2.06	3.59	<0.05	0.64	0.02	0.02	4.7	9.6	0.11	277	1.25	<0.01	0.44	13.3
3682	Soil	1.77	3.71	<0.05	0.27	0.03	0.03	5.4	11.9	0.13	126	1.25	<0.01	0.50	13.9
3683	Soil	1.53	6.08	<0.05	0.35	0.01	0.02	7.0	11.2	0.12	153	1.10	<0.01	0.37	10.7
3684	Soil	4.97	11.69	<0.05	0.22	0.02	0.02	10.0	32.2	0.39	465	1.48	<0.01	1.95	20.8

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3685	Soil	2.60	11.71	<0.05	0.13	0.02	0.02	17.0	7.5	0.09	298	2.23	<0.01	0.68	15.9
3686	Soil	2.27	7.86	<0.05	0.26	0.02	0.02	7.9	19.5	0.23	187	1.29	<0.01	0.69	17.0
3687	Soil	2.25	9.24	<0.05	0.22	0.01	0.02	13.6	16.5	0.19	201	1.51	<0.01	0.71	15.0
3688	Soil	1.86	5.89	0.16	0.18	0.15	0.02	4.2	14.0	0.16	162	1.52	<0.01	0.96	15.1
3689	Soil	2.84	8.03	<0.05	0.12	0.07	0.02	5.5	18.6	0.20	261	1.63	<0.01	0.77	20.6
3690	Soil	1.73	4.32	<0.05	0.24	0.03	0.02	4.0	4.7	0.05	84	1.12	0.01	0.70	19.6
3691	Soil	3.89	4.94	0.07	0.11	0.03	0.02	4.6	9.9	0.12	159	1.99	<0.01	0.83	39.5
3692	Soil	0.87	2.73	<0.05	0.28	0.01	0.02	0.4	1.0	0.02	45	1.66	0.02	0.29	9.8
3693	Soil	0.80	2.47	<0.05	0.28	<0.01	0.03	2.2	2.0	0.03	39	1.44	0.02	0.50	7.3
3694	Soil	0.83	1.95	<0.05	0.16	0.01	0.02	2.5	0.4	0.01	47	2.47	0.01	0.14	15.9
3695	Soil	2.58	3.30	<0.05	0.06	0.03	0.03	4.7	5.4	0.08	1311	1.73	<0.01	0.30	32.1
3696	Soil	1.79	2.70	<0.05	0.11	0.02	0.02	3.0	0.5	0.02	173	1.31	<0.01	0.22	22.1
3697	Soil	1.76	3.23	<0.05	0.09	0.02	0.04	3.3	1.9	0.03	2003	1.45	<0.01	0.25	27.0
3672	Soil	3.44	10.40	<0.05	0.11	0.02	0.02	7.7	52.5	0.61	335	1.65	<0.01	0.53	35.8
3676	Soil	4.22	9.98	<0.05	0.16	0.04	0.02	6.9	97.6	1.00	597	1.39	<0.01	0.19	58.9
3698	Soil	2.22	4.02	<0.05	0.08	0.02	0.04	5.9	11.2	0.15	237	1.63	<0.01	0.35	24.7
3699	Soil	1.37	2.37	<0.05	0.05	0.01	0.02	2.2	0.5	0.01	80	1.19	<0.01	0.07	17.6
3700	Soil	1.39	2.27	<0.05	0.08	<0.01	0.02	2.1	0.5	0.02	84	2.42	0.01	0.18	25.7
3701	Soil	1.22	3.81	<0.05	0.07	<0.01	0.02	6.3	2.7	0.04	71	1.12	0.01	0.48	8.6
3702	Soil	2.50	5.08	<0.05	0.04	0.02	0.04	5.6	6.4	0.09	459	1.61	<0.01	0.80	26.6
3703	Soil	3.22	4.90	0.08	<0.02	0.07	0.03	5.8	9.1	0.12	382	1.63	<0.01	0.62	28.6
3704	Soil	3.22	3.30	<0.05	0.09	0.05	0.04	3.6	17.1	0.18	1273	1.57	<0.01	0.36	40.5
3705	Soil	2.98	2.92	0.19	0.08	0.09	0.06	9.8	14.2	0.16	594	1.28	<0.01	0.22	25.5
3706	Soil	2.11	4.51	<0.05	0.11	0.03	0.03	6.0	10.7	0.13	184	1.50	<0.01	1.12	18.4
3707	Soil	1.89	3.79	<0.05	0.04	0.02	0.02	5.6	1.0	0.02	155	1.94	<0.01	0.38	20.1
3708	Soil	3.33	8.60	<0.05	0.06	0.03	0.02	8.1	37.2	0.38	606	1.49	<0.01	1.05	27.0
3709	Soil	3.04	6.08	<0.05	0.04	0.02	0.02	9.0	6.7	0.09	203	1.26	<0.01	0.97	17.1
3710	Soil	2.06	3.85	<0.05	0.03	0.02	0.03	6.5	7.1	0.10	168	1.58	<0.01	0.48	18.9
3711	Soil	2.14	5.01	<0.05	5.16	0.02	0.02	11.4	1.6	0.02	181	1.57	<0.01	0.99	20.1
3712	Soil	2.38	5.17	<0.05	1.70	0.03	0.02	6.6	17.3	0.19	533	1.45	<0.01	0.62	27.9
3713	Soil	2.98	4.29	<0.05	0.91	0.03	0.03	4.7	26.3	0.33	424	1.74	<0.01	0.33	43.2
3714	Soil	3.19	3.40	<0.05	0.60	0.02	0.03	6.5	22.2	0.34	390	1.40	<0.01	0.23	35.5
3715	Soil	2.06	4.43	<0.05	1.06	0.03	0.03	7.0	12.5	0.15	163	1.61	<0.01	0.89	24.6
3716	Soil	0.27	1.09	<0.05	1.96	<0.01	0.02	1.0	0.4	0.01	54	1.48	0.02	0.22	7.2
3717	Soil	2.38	5.66	<0.05	0.25	0.03	0.05	9.3	16.4	0.22	566	2.67	<0.01	0.41	29.9
3718	Soil	2.61	6.35	<0.05	0.20	0.02	0.03	11.0	26.8	0.30	281	1.74	<0.01	0.43	25.6
3719	Soil	4.01	7.67	0.05	0.12	0.02	0.04	15.6	37.6	0.50	720	1.57	<0.01	1.05	28.8
3720	Soil	2.98	6.85	0.17	0.41	0.15	0.03	3.3	69.3	0.76	434	2.39	<0.01	0.33	51.5
3721	Soil	2.74	6.16	0.09	0.75	0.09	0.02	0.6	56.0	0.65	921	2.71	<0.01	0.28	57.4
3722	Soil	2.37	6.99	<0.05	0.52	0.04	0.02	5.0	50.7	0.48	384	0.90	0.01	0.45	29.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3723	Soil	3.74	12.48	<0.05	0.30	0.04	0.02	8.5	38.7	0.42	518	2.30	<0.01	1.02	31.2
3724	Soil	4.14	8.45	<0.05	0.17	0.03	0.02	7.3	50.9	0.64	336	1.66	<0.01	0.56	32.8
4411	Soil	2.51	3.90	<0.05	0.11	0.04	0.03	6.3	9.8	0.09	449	1.94	<0.01	0.27	42.4
4412	Soil	1.94	3.97	<0.05	0.13	0.76	0.04	4.0	4.1	0.06	103	1.27	0.01	0.42	16.1
4413	Soil	3.16	7.12	<0.05	0.06	0.04	0.04	8.8	12.5	0.17	2527	2.60	<0.01	0.39	36.2
4414	Soil	2.92	7.02	<0.05	0.14	0.02	0.02	7.4	20.4	0.25	301	0.92	<0.01	0.55	13.1
4415	Soil	2.84	6.04	<0.05	0.09	0.02	0.02	7.3	28.2	0.39	483	0.84	<0.01	0.27	17.6
4416	Soil	1.41	4.55	<0.05	0.10	<0.01	0.02	5.6	11.7	0.14	116	0.73	0.01	0.13	8.1
4417	Soil	3.83	7.69	<0.05	0.07	0.02	0.02	10.5	34.9	0.53	334	0.90	<0.01	0.39	21.1
4418	Soil	3.28	5.88	<0.05	0.38	0.03	0.03	3.0	63.3	0.75	435	2.06	<0.01	0.20	51.4
4419	Soil	3.97	9.05	<0.05	0.22	0.04	0.03	10.1	76.5	0.79	769	1.51	<0.01	0.53	47.5
4420	Soil	3.44	7.87	<0.05	0.09	0.02	0.02	13.3	42.4	0.51	707	1.12	<0.01	0.34	29.4
4421	Soil	2.47	6.24	<0.05	0.09	0.02	0.03	11.0	42.1	0.44	740	1.28	0.01	0.30	30.5
4422	Soil	3.89	10.32	0.08	0.08	0.02	0.02	12.1	70.3	0.76	760	1.45	<0.01	0.51	39.7
4423	Soil	4.24	10.20	0.14	0.18	0.06	0.01	6.9	96.7	1.06	1019	1.11	<0.01	0.29	55.3
4424	Soil	2.65	6.32	<0.05	0.07	0.03	0.02	3.8	48.4	0.58	594	1.05	<0.01	0.25	29.9
4425	Soil	3.33	6.67	<0.05	0.20	0.02	0.02	4.4	62.5	0.88	744	0.89	<0.01	0.33	34.4
4465	Soil	3.46	6.35	<0.05	0.17	0.04	0.02	4.9	41.7	0.46	509	1.69	<0.01	0.12	34.1
4466	Soil	3.28	6.59	<0.05	0.22	0.03	0.04	5.8	50.0	0.64	536	1.31	<0.01	0.09	32.5
4467	Soil	3.50	5.99	<0.05	0.10	0.02	0.03	10.1	46.8	0.68	475	1.73	<0.01	0.06	36.6
4468	Soil	2.92	7.04	0.06	0.31	0.03	0.03	4.5	49.3	0.54	409	1.71	<0.01	0.17	33.3
4469	Soil	2.60	5.65	<0.05	0.18	0.02	0.03	3.8	36.1	0.48	548	2.23	0.01	0.26	27.0
4470	Soil	2.58	8.22	<0.05	5.29	0.02	0.02	<0.2	47.7	0.51	326	1.33	<0.01	0.66	30.7
4471	Soil	3.38	9.73	<0.05	1.08	0.03	0.02	<0.2	69.8	0.72	363	1.36	<0.01	0.41	41.5
4472	Soil	1.94	5.22	<0.05	1.01	0.02	0.02	0.7	32.6	0.31	263	1.19	0.01	0.52	28.3
4473	Soil	3.83	8.71	0.06	0.59	0.03	0.02	2.8	74.5	0.79	387	1.19	<0.01	0.38	47.0
4474	Soil	3.29	4.59	0.10	0.30	0.08	0.02	10.3	13.4	0.17	381	1.23	<0.01	0.51	24.3
4475	Soil	3.91	7.31	<0.05	0.23	0.05	0.03	9.7	7.3	0.11	928	1.25	<0.01	0.51	19.0
4476	Soil	3.36	7.86	<0.05	0.35	0.04	0.04	10.8	32.1	0.27	916	1.31	<0.01	0.87	23.0
4477	Soil	3.01	5.17	0.06	0.16	0.02	0.03	11.3	21.4	0.27	274	0.97	<0.01	0.51	18.9
4478	Soil	3.23	4.28	<0.05	0.13	0.02	0.03	19.8	33.9	0.41	311	0.73	<0.01	0.20	27.4
4479	Soil	2.66	4.59	0.14	0.12	0.12	0.02	11.6	27.1	0.31	250	0.71	<0.01	0.37	19.1
4480	Soil	3.08	3.68	<0.05	0.14	0.05	0.02	8.9	21.3	0.27	262	0.84	<0.01	0.32	22.9
4481	Soil	3.11	2.84	0.06	0.25	0.04	0.02	14.4	4.8	0.08	198	1.40	<0.01	0.29	22.5
4482	Soil	3.28	2.72	<0.05	0.12	0.03	0.02	8.1	12.9	0.14	405	2.28	<0.01	0.17	27.1
4483	Soil	2.10	5.95	<0.05	0.14	0.02	0.02	15.0	13.3	0.10	188	1.89	<0.01	1.48	16.7
4484	Soil	2.42	6.55	<0.05	0.16	0.02	0.02	13.7	13.4	0.13	206	2.16	<0.01	1.35	19.9
4485	Soil	3.57	6.72	<0.05	0.12	0.02	0.03	11.7	40.2	0.36	360	1.46	<0.01	0.34	29.6
4486	Soil	3.02	6.28	<0.05	0.13	0.03	0.03	6.9	15.2	0.15	413	3.62	<0.01	0.52	31.5
4487	Soil	2.42	2.37	<0.05	0.35	0.02	0.03	2.2	6.9	0.08	412	2.90	<0.01	0.26	23.8

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4488	Soil	2.89	3.59	<0.05	0.10	0.01	0.02	6.5	32.9	0.38	223	1.15	<0.01	0.20	21.8
4489	Soil	2.83	5.45	<0.05	0.11	0.02	0.03	7.4	10.7	0.10	401	1.34	<0.01	0.68	18.0
4490	Soil	3.57	5.01	<0.05	0.05	0.02	0.02	7.4	17.2	0.28	253	1.06	<0.01	0.52	19.2
4491	Soil	3.33	5.54	0.07	0.06	0.04	0.03	7.7	15.0	0.16	406	5.05	<0.01	0.46	43.0
4492	Soil	3.89	6.29	<0.05	0.07	0.03	0.02	9.1	34.7	0.46	243	1.26	<0.01	1.16	23.8
4493	Soil	3.41	5.37	<0.05	0.06	0.03	0.03	14.1	45.4	0.50	285	0.88	<0.01	0.36	30.2
4494	Soil	3.17	7.45	<0.05	0.05	0.02	0.02	11.8	12.1	0.12	197	1.57	<0.01	0.98	16.1
4495	Soil	3.70	3.74	<0.05	0.05	0.02	0.04	10.7	18.8	0.12	307	1.76	<0.01	0.61	18.1
4496	Soil	2.63	4.93	<0.05	0.06	0.04	0.02	8.9	26.4	0.17	157	5.95	<0.01	0.71	39.5
4017	Soil	3.88	4.98	<0.05	0.05	0.04	0.03	4.1	12.3	0.09	146	3.36	<0.01	0.34	11.5
4014	Soil	3.71	2.33	<0.05	0.09	0.02	0.03	11.4	6.4	0.08	190	1.19	<0.01	0.12	17.0
5927	Soil	5.19	4.78	<0.05	0.06	0.02	0.02	6.7	40.7	0.98	708	0.70	<0.01	0.26	22.1
5928	Soil	4.03	6.89	<0.05	0.16	0.04	0.03	7.1	51.3	0.77	1005	1.83	<0.01	0.49	31.5
5929	Soil	4.21	8.56	<0.05	0.06	0.02	0.02	9.6	52.5	0.74	588	1.14	<0.01	0.18	29.8
5930	Soil	4.76	6.73	<0.05	0.17	0.02	0.02	8.3	65.7	1.11	749	0.78	<0.01	0.22	35.3
5931	Soil	5.72	6.21	0.05	0.10	0.01	0.02	13.6	56.1	1.12	1078	0.78	<0.01	0.31	31.4
5932	Soil	4.92	7.62	<0.05	3.45	0.03	0.02	10.3	58.1	0.82	614	1.14	<0.01	0.65	36.4
5933	Soil	6.05	3.89	<0.05	0.75	0.01	0.01	11.3	29.3	0.95	603	0.51	<0.01	0.36	17.5
5934	Soil	2.89	5.03	<0.05	1.56	0.02	0.02	4.4	25.3	0.37	402	0.91	0.01	0.32	18.9
5935	Soil	2.12	4.63	<0.05	0.91	0.01	0.01	2.8	16.3	0.22	293	0.83	0.01	0.27	14.3
5936	Soil	3.25	3.87	<0.05	0.24	0.03	0.02	5.7	12.5	0.42	515	0.73	<0.01	0.22	10.7
5937	Soil	4.50	9.49	0.07	0.62	0.05	0.02	3.6	52.2	0.66	547	1.83	<0.01	0.68	44.7
5938	Soil	3.94	9.80	<0.05	0.50	0.03	0.02	3.8	15.4	0.21	550	1.31	<0.01	0.43	15.7
5939	Soil	3.91	8.84	<0.05	0.30	0.03	0.02	5.7	29.4	0.38	718	1.32	<0.01	0.39	29.3
5940	Soil	5.39	7.40	0.10	0.47	0.04	0.01	4.2	51.1	0.83	694	1.01	<0.01	0.24	48.3
5941	Soil	3.06	6.45	0.12	0.46	0.11	0.01	1.6	11.9	0.17	229	1.11	<0.01	0.45	11.7
5989	Soil	2.61	6.58	0.07	0.25	0.05	0.02	6.7	44.1	0.47	408	2.17	<0.01	0.36	33.1
5990	Soil	4.01	7.72	0.08	0.46	0.05	0.02	6.9	85.8	1.00	1105	2.08	<0.01	0.25	52.5
5991	Soil	3.95	8.89	<0.05	0.33	0.05	0.03	4.8	96.0	1.05	1188	4.85	<0.01	0.31	69.6
5992	Soil	2.94	5.67	<0.05	0.47	0.02	0.04	4.5	51.4	0.74	756	2.99	<0.01	0.25	46.8
5993	Soil	3.29	7.02	<0.05	0.35	0.03	0.03	6.1	56.0	0.64	693	1.41	<0.01	0.32	35.4
5994	Soil	3.38	7.53	<0.05	0.35	0.04	0.03	6.8	62.1	0.73	997	1.31	<0.01	0.52	37.5
5995	Soil	3.14	6.44	<0.05	0.24	0.03	0.03	5.0	55.1	0.76	1010	3.04	0.01	0.43	43.1
5996	Soil	2.49	4.58	<0.05	0.39	0.02	0.02	3.1	36.0	0.44	512	1.22	0.01	0.54	25.4
5997	Soil	4.17	6.13	<0.05	0.15	0.03	0.02	7.5	63.8	0.81	956	1.31	<0.01	0.25	41.6
5998	Soil	2.85	6.77	<0.05	0.10	0.01	0.02	12.8	37.1	0.53	375	1.13	<0.01	0.50	22.8
5999	Soil	4.86	7.44	0.08	0.25	0.08	0.02	10.8	85.3	0.96	4186	2.10	<0.01	0.12	66.8
6000	Soil	2.95	5.45	0.06	0.33	0.07	0.02	6.9	40.5	0.46	2393	1.38	0.01	0.57	34.4

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3502	Soil	377	34.4	5.2	<0.01	0.01	2.80	3.4	0.4	0.4	6.0	0.02	0.29	9.8	0.006
3503	Soil	439	44.1	3.7	<0.01	<0.01	3.03	2.7	0.6	0.3	6.6	0.01	0.11	10.0	<0.005
3504	Soil	573	22.2	3.0	<0.01	0.02	1.54	1.3	0.3	0.3	6.7	0.01	0.11	2.4	0.006
3505	Soil	648	13.7	2.7	0.01	0.02	0.68	0.4	<0.2	0.3	3.7	0.01	0.07	0.4	<0.005
3506	Soil	600	33.7	4.6	<0.01	0.01	1.92	2.2	<0.2	0.3	6.1	0.01	0.13	7.7	<0.005
3507	Soil	827	29.1	4.3	<0.01	0.03	2.56	2.5	<0.2	0.3	9.2	0.01	0.19	5.5	<0.005
3508	Soil	633	49.3	3.8	<0.01	0.02	2.80	2.2	<0.2	0.3	8.5	<0.01	0.07	5.0	<0.005
3509	Soil	581	19.9	3.0	<0.01	0.02	0.58	0.4	0.6	<0.2	8.6	<0.01	<0.01	0.3	<0.005
3510	Soil	938	39.4	2.7	<0.01	0.03	1.30	1.6	<0.2	0.3	23.1	<0.01	0.09	3.1	<0.005
3511	Soil	819	27.8	2.4	0.16	0.04	0.62	0.5	0.5	0.4	27.7	0.13	0.24	0.5	0.006
3512	Soil	679	17.3	2.1	0.05	0.02	0.77	0.3	0.6	0.2	7.8	0.03	0.06	<0.2	<0.005
3513	Soil	1016	49.7	4.8	0.02	0.03	2.44	2.4	0.4	0.3	14.1	0.02	0.18	6.4	<0.005
3514	Soil	583	10.6	2.1	<0.01	0.01	0.37	0.3	<0.2	<0.2	6.2	0.01	0.06	0.2	<0.005
3515	Soil	1307	24.2	5.1	<0.01	0.02	1.64	0.8	<0.2	0.3	14.9	<0.01	0.09	0.5	<0.005
3516	Soil	693	50.3	6.9	<0.01	0.02	7.09	2.0	0.7	0.4	12.5	0.01	0.17	4.1	<0.005
3517	Soil	2046	61.6	4.3	<0.01	<0.01	5.48	3.6	0.4	0.3	15.1	<0.01	0.11	10.1	<0.005
3518	Soil	599	33.2	4.2	<0.01	0.01	1.75	1.9	<0.2	0.3	6.8	<0.01	0.09	5.7	<0.005
3519	Soil	441	41.6	3.3	<0.01	<0.01	2.91	3.1	0.7	0.3	10.5	<0.01	0.20	9.0	<0.005
3520	Soil	550	26.6	3.4	<0.01	0.01	1.63	1.8	<0.2	0.4	14.2	<0.01	0.19	4.0	<0.005
3521	Soil	607	35.6	4.0	<0.01	0.01	1.62	2.4	<0.2	0.3	9.9	<0.01	0.10	7.2	<0.005
3522	Soil	569	40.2	3.7	<0.01	<0.01	2.81	3.5	0.2	0.2	12.9	<0.01	0.15	10.2	<0.005
3523	Soil	647	24.9	6.5	<0.01	0.01	0.94	1.8	<0.2	0.4	12.7	<0.01	0.15	4.1	<0.005
3524	Soil	919	50.9	4.5	<0.01	0.03	1.63	3.4	1.2	0.3	28.7	<0.01	0.12	6.0	<0.005
3525	Soil	853	23.6	6.4	<0.01	0.03	0.62	1.4	0.8	0.4	30.4	<0.01	0.06	1.8	0.005
3526	Soil	793	26.3	5.2	<0.01	0.02	0.77	2.1	0.6	0.2	25.4	<0.01	0.05	4.1	<0.005
3527	Soil	602	25.3	4.2	<0.01	0.02	0.74	2.1	<0.2	0.3	18.9	<0.01	0.10	5.0	<0.005
3528	Soil	558	42.8	4.8	0.04	0.01	1.33	2.8	0.7	0.3	10.4	0.06	0.11	7.2	<0.005
3529	Soil	809	28.8	5.2	0.03	0.03	0.92	1.6	0.8	0.3	27.7	0.03	0.27	2.8	<0.005
3530	Soil	998	29.6	5.2	0.01	0.04	0.86	2.0	1.0	0.3	39.4	0.02	0.16	2.7	<0.005
3531	Soil	681	16.4	5.0	<0.01	0.02	0.64	1.6	<0.2	0.2	13.6	<0.01	0.10	2.7	<0.005
3532	Soil	518	29.5	4.3	<0.01	0.01	1.33	1.9	<0.2	<0.2	4.5	<0.01	0.08	5.4	<0.005
3533	Soil	684	51.2	3.7	<0.01	<0.01	0.92	3.1	<0.2	0.2	5.0	<0.01	0.20	12.5	<0.005
3534	Soil	344	24.2	6.3	<0.01	0.01	0.35	1.4	<0.2	0.3	5.9	<0.01	0.05	4.5	<0.005
3678	Soil	324	7.4	1.3	<0.01	0.02	0.17	0.2	0.3	0.2	7.1	<0.01	<0.01	0.2	0.012
3679	Soil	233	3.1	0.7	<0.01	0.02	0.12	0.3	<0.2	0.3	11.2	0.01	0.06	0.7	0.007
3680	Soil	587	147.0	3.9	<0.01	0.04	2.14	0.9	<0.2	0.4	36.7	<0.01	0.06	3.6	0.006
3681	Soil	638	88.5	3.6	<0.01	0.04	1.07	0.6	0.3	0.3	19.9	<0.01	0.08	1.6	0.006
3682	Soil	379	53.0	6.2	<0.01	0.03	1.35	0.8	0.3	0.4	18.3	<0.01	0.13	4.1	<0.005
3683	Soil	491	12.3	3.9	<0.01	0.02	0.53	0.5	<0.2	0.3	4.7	<0.01	0.01	1.1	<0.005
3684	Soil	821	23.9	7.2	<0.01	0.01	0.84	1.5	<0.2	0.6	3.7	0.02	0.13	8.5	0.016

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3685	Soil	646	17.6	3.1	<0.01	<0.01	1.02	0.7	<0.2	0.6	5.5	<0.01	0.17	2.3	0.006
3686	Soil	607	25.8	4.9	<0.01	0.03	0.84	0.7	0.6	0.5	5.7	<0.01	0.06	0.9	0.007
3687	Soil	630	18.7	6.4	<0.01	0.02	0.76	0.7	0.2	0.6	6.1	<0.01	0.16	1.6	0.006
3688	Soil	373	23.5	5.8	0.12	0.02	0.75	0.7	<0.2	0.5	4.4	0.12	0.16	2.0	0.009
3689	Soil	681	42.9	8.6	0.04	0.03	1.24	0.7	0.8	0.5	6.8	0.05	0.19	1.3	0.009
3690	Soil	576	32.1	6.3	0.02	0.02	1.27	0.6	<0.2	0.4	14.0	0.02	0.07	2.3	0.011
3691	Soil	495	36.9	8.5	0.01	0.02	5.41	1.1	1.0	0.4	27.8	0.02	0.15	10.3	0.007
3692	Soil	538	15.3	2.5	<0.01	0.04	1.15	<0.1	<0.2	<0.2	5.2	<0.01	0.06	0.4	<0.005
3693	Soil	460	20.3	3.4	<0.01	0.04	1.34	0.4	0.5	0.2	12.9	0.02	0.05	0.4	0.010
3694	Soil	383	13.1	3.3	<0.01	0.02	0.54	0.2	<0.2	0.3	8.1	<0.01	0.12	0.2	<0.005
3695	Soil	821	96.8	6.7	<0.01	0.04	1.37	1.1	0.4	0.3	19.3	<0.01	0.17	4.5	0.006
3696	Soil	402	18.3	4.0	<0.01	0.02	1.19	0.4	0.5	0.4	8.4	<0.01	0.07	1.3	0.005
3697	Soil	946	32.3	9.3	<0.01	0.04	0.89	0.6	<0.2	0.4	12.0	<0.01	0.07	1.7	<0.005
3672	Soil	513	24.9	3.6	<0.01	<0.01	0.99	1.7	1.0	0.3	4.0	<0.01	0.15	7.7	<0.005
3676	Soil	460	40.6	4.9	<0.01	<0.01	1.11	2.6	1.1	0.3	4.9	<0.01	0.07	10.9	<0.005
3698	Soil	613	27.9	4.5	<0.01	0.03	1.04	0.5	0.2	0.3	9.8	<0.01	0.12	1.5	0.007
3699	Soil	689	15.4	3.6	<0.01	0.03	0.69	<0.1	<0.2	0.3	8.5	<0.01	0.05	0.2	<0.005
3700	Soil	546	13.2	2.8	<0.01	0.03	0.76	0.4	<0.2	0.3	12.6	<0.01	0.08	0.8	<0.005
3701	Soil	408	17.1	4.6	<0.01	0.03	0.57	0.3	0.2	0.4	9.1	<0.01	0.07	0.6	0.008
3702	Soil	622	43.8	8.0	<0.01	0.04	1.49	1.0	<0.2	0.6	14.3	<0.01	0.05	3.3	0.009
3703	Soil	787	68.7	7.7	0.03	0.03	1.85	1.4	0.3	0.5	13.3	0.03	0.19	4.6	0.008
3704	Soil	938	64.7	5.5	0.01	0.04	1.74	1.7	0.4	0.3	15.6	0.02	0.11	8.6	0.006
3705	Soil	463	552.3	6.9	<0.01	0.06	6.48	2.6	1.1	0.3	54.7	0.01	0.50	9.6	<0.005
3706	Soil	435	55.0	6.4	<0.01	0.04	1.25	1.2	<0.2	0.4	12.9	0.02	0.12	4.7	0.011
3707	Soil	670	28.5	5.6	<0.01	0.02	0.83	0.4	<0.2	0.5	7.1	<0.01	0.10	0.6	0.006
3708	Soil	901	36.6	8.1	<0.01	0.02	1.08	1.4	<0.2	0.5	9.5	0.01	0.10	4.9	0.008
3709	Soil	546	31.3	5.7	<0.01	0.02	1.11	0.9	<0.2	0.4	8.5	<0.01	0.05	5.4	0.011
3710	Soil	460	24.6	5.3	<0.01	0.02	0.83	0.6	<0.2	0.3	9.5	<0.01	<0.01	1.7	0.006
3711	Soil	397	27.6	5.4	<0.01	0.01	0.99	1.6	<0.2	0.6	12.6	0.01	0.07	8.3	0.009
3712	Soil	637	36.6	6.1	<0.01	0.01	1.14	1.6	<0.2	0.3	17.4	0.01	0.12	5.1	0.007
3713	Soil	684	34.3	4.1	<0.01	0.02	1.22	1.6	<0.2	0.3	11.8	<0.01	0.12	5.6	<0.005
3714	Soil	635	26.9	3.3	<0.01	0.01	0.95	1.4	<0.2	0.2	10.5	<0.01	0.12	6.1	<0.005
3715	Soil	299	32.4	5.6	<0.01	0.02	0.97	1.1	<0.2	0.3	10.5	<0.01	<0.01	5.3	0.008
3716	Soil	366	6.9	2.1	<0.01	0.02	0.11	<0.1	<0.2	<0.2	8.8	<0.01	0.02	0.4	<0.005
3717	Soil	833	40.5	13.6	<0.01	0.03	1.14	0.5	0.2	0.4	18.5	<0.01	0.10	0.9	0.006
3718	Soil	857	27.3	7.7	<0.01	0.01	1.02	0.9	<0.2	0.3	9.9	<0.01	0.04	1.7	0.007
3719	Soil	1155	29.2	10.0	<0.01	0.02	1.05	1.6	<0.2	0.5	9.1	<0.01	0.10	6.1	0.011
3720	Soil	637	62.0	4.5	0.12	0.02	1.64	2.9	0.2	0.3	30.4	0.14	0.33	10.4	<0.005
3721	Soil	788	55.1	3.5	0.05	0.05	1.66	2.8	0.7	0.3	63.8	0.06	0.19	6.2	<0.005
3722	Soil	599	29.5	5.9	0.01	0.02	0.59	1.5	0.3	0.3	35.9	0.02	0.03	5.0	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3723	Soil	870	40.3	5.2	<0.01	0.03	1.64	1.6	<0.2	0.6	7.1	0.01	0.09	5.3	0.005
3724	Soil	578	27.0	3.4	<0.01	0.02	1.26	1.7	0.3	0.3	3.9	<0.01	0.07	8.2	0.005
4411	Soil	616	203.8	6.9	<0.01	0.03	1.61	1.3	0.3	0.4	29.3	<0.01	0.37	5.6	<0.005
4412	Soil	615	2462.7	7.4	<0.01	0.06	4.94	0.4	<0.2	0.5	17.5	<0.01	0.06	0.5	0.007
4413	Soil	1390	177.6	9.9	<0.01	0.06	1.18	0.8	0.5	0.6	17.4	<0.01	0.10	0.9	0.009
4414	Soil	895	26.3	4.6	<0.01	0.02	0.62	0.4	<0.2	0.6	4.9	<0.01	0.07	1.2	0.006
4415	Soil	1001	17.6	3.4	<0.01	0.02	0.55	0.3	<0.2	0.3	3.0	<0.01	0.13	0.7	<0.005
4416	Soil	725	18.2	3.1	<0.01	0.02	0.32	<0.1	<0.2	0.3	3.5	<0.01	<0.01	<0.2	<0.005
4417	Soil	1142	23.1	3.4	<0.01	0.02	0.68	0.4	<0.2	0.4	4.3	<0.01	0.03	1.3	0.005
4418	Soil	1006	55.2	4.3	<0.01	0.10	1.00	2.2	1.1	0.3	49.8	0.04	0.13	5.1	<0.005
4419	Soil	717	53.4	7.4	<0.01	0.02	1.35	2.9	<0.2	0.3	18.8	<0.01	0.13	7.5	<0.005
4420	Soil	1013	35.8	4.4	<0.01	0.02	1.29	0.9	<0.2	0.3	6.4	0.01	0.14	1.9	0.005
4421	Soil	820	37.8	5.4	<0.01	0.02	1.60	1.0	<0.2	0.3	8.8	<0.01	0.01	1.4	<0.005
4422	Soil	1096	31.8	4.5	<0.01	0.02	1.09	1.6	0.4	0.3	9.0	<0.01	0.05	4.2	0.006
4423	Soil	743	32.7	2.3	0.03	<0.01	1.43	2.6	<0.2	0.2	7.6	0.04	0.17	8.5	<0.005
4424	Soil	806	24.4	2.8	<0.01	0.02	0.70	0.4	<0.2	<0.2	4.7	<0.01	0.01	0.6	<0.005
4425	Soil	1049	29.2	3.3	<0.01	0.03	0.95	1.5	<0.2	<0.2	20.1	0.01	0.05	2.6	<0.005
4465	Soil	1039	35.9	3.0	<0.01	0.04	1.64	2.0	<0.2	0.3	8.9	<0.01	0.02	4.1	<0.005
4466	Soil	1006	37.7	4.6	<0.01	0.03	1.09	2.0	0.3	0.2	11.9	<0.01	0.18	4.8	<0.005
4467	Soil	689	30.8	3.1	<0.01	0.02	1.38	2.1	0.5	<0.2	6.9	<0.01	0.18	5.9	<0.005
4468	Soil	1254	28.4	6.4	<0.01	0.06	0.70	2.3	0.8	0.2	16.4	<0.01	<0.01	6.4	<0.005
4469	Soil	1369	29.0	5.9	<0.01	0.06	0.48	1.3	<0.2	<0.2	6.4	<0.01	0.01	3.0	<0.005
4470	Soil	1085	11.4	5.1	<0.01	0.06	0.34	1.7	0.3	0.5	20.8	0.01	0.15	3.5	<0.005
4471	Soil	914	19.9	6.6	<0.01	0.03	0.29	2.9	<0.2	0.4	9.2	0.01	0.06	6.5	<0.005
4472	Soil	541	16.3	3.4	<0.01	0.03	0.55	2.0	0.4	0.3	9.3	0.01	0.06	3.1	<0.005
4473	Soil	608	31.0	4.2	<0.01	0.02	0.70	2.4	<0.2	0.3	6.1	<0.01	0.13	9.3	<0.005
4474	Soil	609	23.3	5.8	0.06	0.02	1.70	0.8	<0.2	0.4	4.6	0.06	0.11	2.9	<0.005
4475	Soil	1329	27.3	6.5	0.02	0.03	1.40	0.5	<0.2	0.4	6.3	0.03	0.10	1.8	0.006
4476	Soil	1422	27.8	11.6	0.02	0.03	1.15	1.0	<0.2	0.5	8.8	0.02	0.11	4.1	0.006
4477	Soil	520	17.9	6.5	<0.01	0.02	1.13	0.5	<0.2	0.3	4.6	0.01	0.11	1.4	0.007
4478	Soil	243	27.6	4.5	<0.01	<0.01	1.09	1.4	<0.2	<0.2	4.0	<0.01	<0.01	13.4	<0.005
4479	Soil	282	20.2	3.8	0.10	<0.01	0.79	1.0	<0.2	0.3	2.7	0.09	0.08	9.5	<0.005
4480	Soil	487	19.9	4.6	0.03	0.01	1.35	0.9	<0.2	0.2	6.0	0.03	0.08	6.8	<0.005
4481	Soil	498	26.4	7.0	0.01	<0.01	2.06	1.3	<0.2	0.3	12.0	0.02	0.15	5.7	<0.005
4482	Soil	414	30.2	3.9	<0.01	0.01	1.03	1.1	<0.2	<0.2	2.8	0.01	0.02	9.5	<0.005
4483	Soil	342	13.9	5.2	<0.01	<0.01	0.76	1.1	<0.2	0.7	4.5	0.02	<0.01	9.3	0.009
4484	Soil	408	18.2	6.2	<0.01	0.01	0.83	1.1	<0.2	0.7	5.0	0.01	<0.01	7.3	0.010
4485	Soil	428	39.8	7.1	<0.01	0.01	1.60	1.4	<0.2	0.3	5.2	<0.01	0.04	11.1	<0.005
4486	Soil	880	51.2	7.2	<0.01	0.03	1.39	0.5	<0.2	0.5	12.0	<0.01	0.11	1.5	0.005
4487	Soil	769	56.6	3.9	<0.01	0.06	1.99	0.8	<0.2	<0.2	7.2	<0.01	0.02	9.7	<0.005

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4488	Soil	291	23.1	3.5	<0.01	0.01	1.02	0.8	<0.2	<0.2	4.5	<0.01	0.07	5.9	<0.005
4489	Soil	671	33.1	6.0	<0.01	0.02	1.52	0.6	<0.2	0.4	8.4	<0.01	0.16	3.6	0.006
4490	Soil	509	32.1	3.4	<0.01	0.02	1.30	0.8	<0.2	0.2	6.6	<0.01	0.02	4.9	<0.005
4491	Soil	526	45.8	5.9	0.02	0.01	1.32	0.8	<0.2	0.4	5.1	0.02	0.06	3.4	<0.005
4492	Soil	408	21.3	4.6	0.01	0.01	1.01	1.3	<0.2	0.4	4.8	0.01	0.07	7.8	0.008
4493	Soil	230	20.6	6.0	<0.01	<0.01	0.71	1.7	<0.2	0.2	3.8	<0.01	<0.01	11.7	<0.005
4494	Soil	891	23.6	5.3	<0.01	<0.01	0.79	0.6	<0.2	0.6	7.7	<0.01	0.13	3.8	0.009
4495	Soil	438	27.9	5.4	<0.01	0.01	0.75	0.6	<0.2	0.3	6.5	<0.01	<0.01	5.6	<0.005
4496	Soil	267	16.0	4.5	0.03	<0.01	0.70	0.7	<0.2	0.4	3.3	0.02	0.03	5.4	0.006
4017	Soil	516	26.4	4.1	<0.01	0.03	3.00	0.5	<0.2	0.4	9.4	0.01	0.24	3.1	<0.005
4014	Soil	309	26.5	4.3	<0.01	0.02	3.85	0.6	<0.2	<0.2	5.7	<0.01	0.16	4.7	<0.005
5927	Soil	705	33.0	2.8	<0.01	0.02	0.68	0.6	<0.2	<0.2	6.2	<0.01	0.02	1.7	0.007
5928	Soil	1177	95.7	6.9	<0.01	0.04	0.86	1.2	<0.2	0.4	22.5	0.01	<0.01	2.2	0.007
5929	Soil	817	21.4	3.3	<0.01	0.02	0.71	0.2	<0.2	0.3	3.8	<0.01	<0.01	0.6	<0.005
5930	Soil	863	21.2	3.1	<0.01	0.02	0.64	1.7	<0.2	<0.2	13.7	<0.01	0.03	4.3	<0.005
5931	Soil	957	19.7	3.0	<0.01	0.02	0.69	1.2	<0.2	<0.2	3.3	<0.01	<0.01	4.0	0.007
5932	Soil	757	29.4	5.5	<0.01	0.02	1.10	2.2	<0.2	0.5	6.1	0.01	0.06	5.7	0.006
5933	Soil	1181	8.5	1.7	<0.01	0.02	0.37	0.9	<0.2	<0.2	2.4	<0.01	0.01	2.1	0.009
5934	Soil	681	15.0	3.3	<0.01	0.03	0.49	0.4	<0.2	0.3	4.5	<0.01	0.06	0.7	<0.005
5935	Soil	598	12.7	2.9	<0.01	0.03	0.49	0.2	<0.2	0.2	5.1	<0.01	<0.01	0.4	<0.005
5936	Soil	1372	8.0	2.1	0.02	0.04	0.34	<0.1	<0.2	0.2	2.2	0.02	0.06	0.4	0.006
5937	Soil	1203	32.2	5.4	0.02	0.03	1.60	1.8	<0.2	0.4	7.1	0.03	0.05	3.6	0.005
5938	Soil	1940	20.0	4.0	0.01	0.04	0.82	0.2	0.3	0.5	5.6	0.01	0.02	0.5	<0.005
5939	Soil	1449	30.0	4.5	<0.01	0.04	1.63	0.6	<0.2	0.4	6.1	0.01	0.15	1.0	<0.005
5940	Soil	886	28.3	2.6	<0.01	0.02	2.55	2.6	<0.2	<0.2	6.3	<0.01	0.04	5.9	<0.005
5941	Soil	1146	14.1	2.9	0.08	0.04	0.54	<0.1	<0.2	0.5	6.2	0.05	0.06	0.3	<0.005
5989	Soil	823	34.6	5.2	0.03	0.02	0.61	0.6	<0.2	0.3	4.7	0.03	0.03	1.2	<0.005
5990	Soil	754	33.7	4.6	0.02	0.01	1.09	2.7	<0.2	0.3	14.9	0.03	0.13	5.6	<0.005
5991	Soil	650	41.2	3.6	0.01	0.02	1.25	2.9	<0.2	0.3	16.9	0.01	0.04	5.7	<0.005
5992	Soil	880	32.5	5.1	<0.01	0.03	0.89	2.2	<0.2	<0.2	38.1	0.01	0.05	3.7	<0.005
5993	Soil	923	29.7	6.6	<0.01	0.03	0.91	1.8	<0.2	0.3	26.4	<0.01	0.08	4.0	<0.005
5994	Soil	896	37.3	6.9	<0.01	0.03	0.97	2.5	<0.2	0.3	26.6	<0.01	<0.01	5.4	<0.005
5995	Soil	1111	29.7	5.7	<0.01	0.04	0.76	1.8	<0.2	0.2	27.9	<0.01	0.05	2.8	<0.005
5996	Soil	855	36.8	3.2	<0.01	0.04	1.44	1.0	<0.2	0.2	24.3	<0.01	0.11	1.8	0.007
5997	Soil	462	42.6	3.8	<0.01	0.01	2.58	1.7	<0.2	<0.2	5.6	<0.01	0.05	6.8	<0.005
5998	Soil	414	19.9	4.6	<0.01	0.01	0.91	1.1	<0.2	0.3	5.4	<0.01	0.02	5.4	<0.005
5999	Soil	930	84.0	2.8	<0.01	0.02	5.03	6.4	<0.2	<0.2	15.6	<0.01	0.16	10.9	<0.005
6000	Soil	1233	76.7	5.2	0.02	0.05	2.24	3.2	<0.2	0.3	40.6	0.03	0.02	4.5	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3502	Soil	<0.05	0.80	41	1.47	2.19	105	3.6
3503	Soil	<0.05	0.89	38	0.59	2.82	97	2.6
3504	Soil	<0.05	0.62	24	0.47	1.56	56	1.0
3505	Soil	<0.05	0.46	16	0.52	0.86	27	<0.5
3506	Soil	<0.05	1.01	39	0.75	2.32	98	1.8
3507	Soil	<0.05	1.30	39	2.46	3.50	107	2.0
3508	Soil	<0.05	1.39	34	2.26	3.80	101	1.7
3509	Soil	<0.05	1.03	16	0.29	2.44	39	<0.5
3510	Soil	<0.05	1.56	30	0.24	2.39	84	2.2
3511	Soil	0.16	1.95	10	0.39	3.47	45	1.4
3512	Soil	<0.05	0.67	12	0.22	0.76	28	<0.5
3513	Soil	<0.05	1.14	38	0.58	1.98	112	2.7
3514	Soil	<0.05	0.39	14	0.25	0.62	32	<0.5
3515	Soil	<0.05	1.32	25	0.81	5.34	64	<0.5
3516	Soil	<0.05	1.03	34	0.87	4.75	95	1.1
3517	Soil	<0.05	1.39	38	0.69	9.23	111	2.1
3518	Soil	<0.05	0.83	31	1.24	2.53	81	1.2
3519	Soil	<0.05	1.31	40	1.03	4.72	111	2.8
3520	Soil	<0.05	0.79	30	0.80	4.01	64	1.5
3521	Soil	<0.05	0.99	41	0.47	3.83	108	2.2
3522	Soil	<0.05	1.18	45	0.48	5.37	128	2.5
3523	Soil	<0.05	1.90	30	0.32	4.16	71	1.1
3524	Soil	<0.05	6.97	36	0.18	10.06	96	5.5
3525	Soil	<0.05	1.46	28	0.20	4.92	51	2.2
3526	Soil	<0.05	1.40	32	0.20	5.46	64	4.0
3527	Soil	<0.05	1.29	31	0.18	4.11	64	3.7
3528	Soil	0.08	1.50	39	0.24	4.06	97	4.2
3529	Soil	0.07	1.42	20	0.22	4.63	52	5.0
3530	Soil	<0.05	2.27	28	0.19	7.41	65	4.2
3531	Soil	<0.05	2.19	30	0.14	3.69	64	1.8
3532	Soil	<0.05	0.88	25	0.14	2.82	66	1.9
3533	Soil	<0.05	1.31	47	0.18	3.05	132	2.6
3534	Soil	<0.05	1.23	20	0.18	2.17	47	1.1
3678	Soil	<0.05	0.42	10	0.22	0.46	10	<0.5
3679	Soil	<0.05	0.35	5	0.14	0.33	7	<0.5
3680	Soil	0.35	0.88	16	5.40	1.31	45	1.2
3681	Soil	0.28	1.09	15	0.62	1.11	49	<0.5
3682	Soil	0.30	0.86	14	0.92	1.46	41	0.5
3683	Soil	<0.05	0.47	19	0.21	0.73	24	<0.5
3684	Soil	<0.05	0.80	45	0.34	1.61	64	1.2

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3685	Soil	<0.05	0.64	36	0.34	1.35	40	<0.5
3686	Soil	<0.05	0.72	26	0.38	1.22	37	<0.5
3687	Soil	0.06	0.70	30	0.35	1.33	38	<0.5
3688	Soil	0.16	0.64	19	0.63	1.00	33	0.7
3689	Soil	0.16	1.16	26	1.40	1.43	52	<0.5
3690	Soil	0.24	1.60	16	1.03	1.64	53	<0.5
3691	Soil	0.46	2.88	19	2.04	1.98	119	0.7
3692	Soil	0.07	1.02	6	0.29	0.84	18	<0.5
3693	Soil	0.23	0.88	8	0.43	1.10	14	0.5
3694	Soil	0.06	0.47	10	0.48	0.52	23	<0.5
3695	Soil	0.29	2.58	15	1.00	2.11	88	0.7
3696	Soil	0.08	0.83	10	0.58	0.94	51	0.7
3697	Soil	0.20	1.09	11	0.68	1.21	65	<0.5
3672	Soil	<0.05	0.73	35	0.23	1.64	80	1.8
3676	Soil	<0.05	1.06	44	0.14	2.93	127	2.8
3698	Soil	0.10	1.14	19	1.15	1.37	53	<0.5
3699	Soil	0.13	0.89	9	0.60	0.75	37	<0.5
3700	Soil	0.06	0.78	10	0.65	0.88	41	<0.5
3701	Soil	0.07	0.86	15	0.77	1.33	25	<0.5
3702	Soil	0.13	1.44	22	1.74	2.27	71	<0.5
3703	Soil	0.25	2.05	22	1.58	2.66	86	<0.5
3704	Soil	0.32	3.50	18	0.75	6.53	139	1.4
3705	Soil	0.38	2.35	13	0.87	3.27	80	0.7
3706	Soil	0.08	1.07	20	0.70	1.62	46	1.1
3707	Soil	0.06	0.84	17	0.74	1.84	47	<0.5
3708	Soil	0.07	1.05	33	1.29	1.99	73	0.7
3709	Soil	0.05	0.98	22	0.97	1.71	62	<0.5
3710	Soil	<0.05	0.77	15	0.58	1.27	54	<0.5
3711	Soil	<0.05	0.80	18	0.82	1.73	56	0.8
3712	Soil	0.06	1.19	17	0.70	2.28	78	0.6
3713	Soil	<0.05	1.43	19	0.80	2.78	95	0.7
3714	Soil	<0.05	1.20	20	0.59	2.25	96	0.5
3715	Soil	0.06	0.93	20	0.65	1.72	63	0.7
3716	Soil	<0.05	0.20	6	0.20	0.27	9	<0.5
3717	Soil	0.07	0.99	25	0.67	1.90	83	<0.5
3718	Soil	<0.05	0.72	24	0.41	1.58	70	<0.5
3719	Soil	<0.05	0.80	38	0.42	2.12	89	<0.5
3720	Soil	0.17	2.15	30	0.52	3.12	110	2.1
3721	Soil	0.07	3.34	26	0.34	5.80	118	5.0
3722	Soil	<0.05	2.33	25	0.17	6.57	61	2.8

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3723	Soil	<0.05	1.29	44	0.31	2.71	71	2.1
3724	Soil	<0.05	1.24	38	0.17	2.54	88	1.8
4411	Soil	0.10	2.14	14	0.66	3.41	132	<0.5
4412	Soil	0.13	2.36	17	0.49	1.84	165	<0.5
4413	Soil	0.15	2.09	29	1.00	3.11	110	<0.5
4414	Soil	<0.05	0.55	30	0.18	0.99	44	0.8
4415	Soil	<0.05	0.60	28	0.18	1.11	51	<0.5
4416	Soil	<0.05	0.86	17	0.13	1.48	21	<0.5
4417	Soil	<0.05	0.67	38	0.24	1.50	67	0.6
4418	Soil	0.07	22.96	33	0.08	9.08	106	5.8
4419	Soil	<0.05	5.49	42	0.37	4.83	115	3.1
4420	Soil	<0.05	0.86	36	0.17	2.06	71	0.9
4421	Soil	<0.05	0.77	24	0.16	3.16	54	0.8
4422	Soil	<0.05	0.74	42	0.19	2.30	73	1.1
4423	Soil	0.05	0.89	51	0.12	2.97	104	3.0
4424	Soil	<0.05	0.68	30	0.14	1.39	59	<0.5
4425	Soil	<0.05	1.17	40	0.11	4.07	77	2.0
4465	Soil	<0.05	1.38	30	0.27	2.62	84	1.9
4466	Soil	<0.05	1.36	33	0.22	2.84	88	2.8
4467	Soil	<0.05	1.16	33	0.21	1.95	105	1.4
4468	Soil	<0.05	2.33	29	0.21	1.99	76	3.8
4469	Soil	<0.05	1.65	27	0.19	1.55	62	2.6
4470	Soil	<0.05	1.71	27	0.17	2.25	74	2.8
4471	Soil	<0.05	1.99	35	0.13	2.58	106	3.6
4472	Soil	<0.05	4.30	18	0.12	5.58	48	3.1
4473	Soil	<0.05	1.22	37	0.19	2.59	96	2.5
4474	Soil	0.09	1.09	19	1.50	1.75	71	0.5
4475	Soil	0.06	0.78	27	1.56	1.46	76	<0.5
4476	Soil	0.06	1.07	29	0.53	2.00	67	0.6
4477	Soil	<0.05	0.75	25	0.55	1.70	62	<0.5
4478	Soil	<0.05	0.75	23	0.50	1.99	71	1.5
4479	Soil	0.11	0.65	19	4.14	1.63	57	1.2
4480	Soil	<0.05	0.75	19	0.77	1.16	75	0.9
4481	Soil	0.05	0.70	13	2.82	1.54	82	<0.5
4482	Soil	<0.05	0.69	15	2.11	2.11	105	0.7
4483	Soil	<0.05	0.65	28	0.87	2.25	51	<0.5
4484	Soil	<0.05	0.72	29	0.58	2.23	53	<0.5
4485	Soil	<0.05	0.88	23	0.88	1.85	80	1.0
4486	Soil	<0.05	0.79	23	0.86	1.97	74	<0.5
4487	Soil	<0.05	1.49	11	0.32	1.93	56	2.2

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4488	Soil	<0.05	0.55	21	0.23	1.40	69	1.0
4489	Soil	<0.05	0.63	21	1.11	1.49	110	<0.5
4490	Soil	<0.05	0.62	25	1.31	1.21	88	<0.5
4491	Soil	<0.05	0.97	21	0.46	2.03	98	<0.5
4492	Soil	<0.05	0.65	32	0.48	1.59	87	0.9
4493	Soil	<0.05	0.90	29	0.57	2.01	93	1.5
4494	Soil	<0.05	0.62	29	0.44	1.53	62	<0.5
4495	Soil	<0.05	0.46	23	0.66	1.14	92	0.8
4496	Soil	<0.05	0.59	21	0.49	1.54	50	<0.5
4017	Soil	<0.05	0.77	16	0.32	1.48	55	<0.5
4014	Soil	<0.05	0.63	12	0.39	1.07	55	<0.5
5927	Soil	<0.05	0.40	49	0.10	0.98	94	0.5
5928	Soil	<0.05	2.47	39	0.16	1.98	125	1.8
5929	Soil	<0.05	0.53	40	0.10	1.34	67	<0.5
5930	Soil	<0.05	0.94	45	0.08	3.10	103	2.7
5931	Soil	<0.05	0.55	50	0.11	1.48	91	1.2
5932	Soil	<0.05	0.89	43	0.23	2.12	86	1.6
5933	Soil	<0.05	0.28	48	0.08	0.77	82	<0.5
5934	Soil	<0.05	0.56	24	0.11	0.90	43	<0.5
5935	Soil	<0.05	0.61	18	0.13	0.94	32	<0.5
5936	Soil	<0.05	0.30	42	0.11	0.55	77	<0.5
5937	Soil	<0.05	1.16	39	0.18	1.88	104	2.4
5938	Soil	<0.05	0.76	36	0.17	1.20	52	<0.5
5939	Soil	<0.05	1.33	33	0.12	2.44	80	0.8
5940	Soil	<0.05	1.16	42	0.10	1.74	141	3.7
5941	Soil	0.09	0.68	25	0.21	1.23	36	<0.5
5989	Soil	<0.05	1.17	26	0.15	2.96	67	0.8
5990	Soil	<0.05	2.34	46	0.15	5.26	118	2.6
5991	Soil	<0.05	0.92	46	0.13	3.44	113	2.8
5992	Soil	<0.05	1.64	31	0.11	10.01	84	4.1
5993	Soil	<0.05	1.03	36	0.10	4.13	90	3.9
5994	Soil	<0.05	1.34	38	0.11	7.66	86	4.5
5995	Soil	<0.05	1.68	36	0.12	4.08	92	2.9
5996	Soil	<0.05	3.51	25	0.16	3.63	81	2.3
5997	Soil	<0.05	0.65	38	0.23	2.43	115	1.7
5998	Soil	<0.05	0.44	33	0.16	1.53	69	0.5
5999	Soil	<0.05	1.41	42	0.30	18.56	157	4.4
6000	Soil	0.06	3.44	26	0.20	16.25	99	4.0

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3502	Soil		0.11	2.20	180.8	39	0.50	0.50	0.02	0.14	40.31	16.1	29	1.34	41.2
3502 Dup			0.07	2.24	155.8	35	0.41	0.49	0.02	0.14	45.78	14.3	29	1.25	35.0
QCV1109-01983-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.70					8.57				23.6			>10000
3520	Soil		0.16	1.50	109.9	54	0.51	0.43	0.15	0.14	28.05	10.5	20	1.04	31.9
3520 Dup			0.18	1.53	99.5	49	0.34	0.40	0.15	0.12	34.40	10.0	19	1.05	28.2
QCV1109-01983-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.61					7.97				23.1			>10000
3681	Soil		0.16	0.57	224.2	21	0.08	0.25	0.02	0.22	22.52	5.5	11	1.12	17.0
3681 Dup			0.15	0.58	242.4	24	0.14	0.29	0.02	0.23	24.18	6.0	12	1.33	19.1
QCV1109-01983-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.62					8.64				23.3			>10000
3676	Soil		0.05	2.55	49.1	31	0.54	0.66	0.03	0.19	36.71	23.4	37	2.29	50.9
3676 Dup			0.07	2.49	46.2	30	0.50	0.63	0.03	0.19	40.56	22.9	37	2.27	48.6
QCV1109-01983-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.63					8.16				22.7			>10000
3715	Soil		0.66	0.73	237.5	38	0.15	0.99	0.01	0.63	34.56	8.6	14	0.69	21.8
3715 Dup			0.66	0.75	217.6	39	0.20	0.86	0.01	0.63	35.78	8.5	15	0.69	20.7
QCV1109-01983-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.70					8.69				23.7			>10000
4419	Soil		0.11	2.14	61.5	57	0.70	0.59	0.18	0.14	49.67	25.1	33	4.34	63.5
4419 Dup			0.07	2.06	61.7	57	0.67	0.59	0.19	0.14	46.44	24.0	34	4.36	58.9
QCV1109-01983-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.16					8.12				23.1			>10000
4476	Soil		0.57	1.49	111.6	57	0.49	0.46	0.02	0.26	54.05	13.9	21	2.47	29.7
4476 Dup			0.65	1.46	121.0	61	0.50	0.52	0.02	0.31	43.53	15.3	22	2.59	31.6
QCV1109-01983-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6551.9
4494	Soil		0.17	0.86	115.0	55	0.24	0.37	0.02	0.26	52.59	7.2	14	1.09	21.8
4494 Dup			0.14	0.83	106.9	54	0.32	0.37	0.02	0.24	64.84	7.0	14	1.04	20.7
QCV1109-01983-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.44					8.04				23.2			>10000

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5940	Soil		0.06	2.30	265.7	17	0.41	0.49	<0.01	0.08	45.86	20.9	37	1.77	48.5
5940 Dup			0.11	2.34	361.5	26	0.38	0.67	<0.01	0.09	46.60	29.5	38	2.39	69.5
QCV1109-01983-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6471.2
QCV1109-01983-0028-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.48		7271.1							9.8			29.6
3502	Soil	0.029													
3502 Dup		0.030													
QCV1109-01984-0004-BLK		<0.005													
3681	Soil	0.032													
3681 Dup		0.031													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.905													
3676	Soil	0.011													
3676 Dup		0.018													
QCV1109-01984-0008-BLK		<0.005													
3715	Soil	0.023													
3715 Dup		0.029													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.854													
4419	Soil	0.016													
4419 Dup		0.013													
QCV1109-01984-0012-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.907													
QCV1109-01984-0016-BLK		<0.005													
5940	Soil	0.028													
5940 Dup		0.030													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3502	Soil	4.41	9.54	0.06	0.26	0.04	0.02	6.4	74.1	0.81	609	1.34	<0.01	1.09	45.7
3502 Dup		4.36	8.35	0.06	0.21	0.04	0.02	6.8	70.0	0.82	597	1.20	<0.01	0.84	41.3
QCV1109-01983-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3520	Soil	2.92	8.06	<0.05	0.06	0.02	0.02	7.1	48.5	0.47	342	1.02	<0.01	0.57	29.8
3520 Dup		2.96	7.52	<0.05	0.07	0.02	0.02	7.9	46.1	0.48	342	0.89	<0.01	0.51	28.0
QCV1109-01983-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3681	Soil	2.06	3.59	<0.05	0.64	0.02	0.02	4.7	9.6	0.11	277	1.25	<0.01	0.44	13.3
3681 Dup		2.04	3.99	<0.05	0.54	0.03	0.02	4.8	9.8	0.11	267	1.39	<0.01	0.45	14.9
QCV1109-01983-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3676	Soil	4.22	9.98	<0.05	0.16	0.04	0.02	6.9	97.6	1.00	597	1.39	<0.01	0.19	58.9
3676 Dup		4.28	9.52	<0.05	0.14	0.03	0.02	7.9	94.4	1.00	617	1.33	<0.01	0.19	53.4
QCV1109-01983-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3715	Soil	2.06	4.43	<0.05	1.06	0.03	0.03	7.0	12.5	0.15	163	1.61	<0.01	0.89	24.6
3715 Dup		2.26	4.38	<0.05	0.57	0.02	0.03	8.6	11.9	0.16	167	1.42	<0.01	0.82	23.4
QCV1109-01983-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4419	Soil	3.97	9.05	<0.05	0.22	0.04	0.03	10.1	76.5	0.79	769	1.51	<0.01	0.53	47.5
4419 Dup		3.99	8.79	0.06	0.25	0.04	0.03	10.4	74.8	0.76	792	1.37	<0.01	0.48	45.0
QCV1109-01983-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4476	Soil	3.36	7.86	<0.05	0.35	0.04	0.04	10.8	32.1	0.27	916	1.31	<0.01	0.87	23.0
4476 Dup		3.40	8.66	0.05	0.23	0.03	0.04	10.2	36.0	0.26	929	1.51	<0.01	0.92	24.8
QCV1109-01983-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4494	Soil	3.17	7.45	<0.05	0.05	0.02	0.02	11.8	12.1	0.12	197	1.57	<0.01	0.98	16.1
4494 Dup		3.65	6.76	<0.05	0.05	0.02	0.03	13.3	11.0	0.12	203	1.48	<0.01	0.98	15.3
QCV1109-01983-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5940	Soil	5.39	7.40	0.10	0.47	0.04	0.01	4.2	51.1	0.83	694	1.01	<0.01	0.24	48.3
5940 Dup		5.32	10.74	0.10	0.53	0.04	0.01	4.3	71.3	0.84	716	1.42	<0.01	0.31	67.1
QCV1109-01983-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-01983-0028-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76					48.7
STD-DS-1 result										2.63					51.5

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3502	Soil	377	34.4	5.2	<0.01	0.01	2.80	3.4	0.4	0.4	6.0	0.02	0.29	9.8	0.006
3502 Dup		381	31.2	4.9	<0.01	0.01	2.45	2.8	<0.2	0.3	5.5	0.02	0.03	9.3	0.005
QCV1109-01983-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.7				1.88		13.5	16.1					
3520	Soil	550	26.6	3.4	<0.01	0.01	1.63	1.8	<0.2	0.4	14.2	<0.01	0.19	4.0	<0.005
3520 Dup		549	23.1	3.2	<0.01	0.01	1.51	1.7	<0.2	0.4	13.4	0.01	0.05	3.9	<0.005
QCV1109-01983-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.1				1.91		14.0	15.5					
3681	Soil	638	88.5	3.6	<0.01	0.04	1.07	0.6	0.3	0.3	19.9	<0.01	0.08	1.6	0.006
3681 Dup		646	98.2	4.0	<0.01	0.04	1.24	0.6	<0.2	0.3	23.7	<0.01	<0.01	1.9	0.006
QCV1109-01983-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.8				2.01		13.7	17.6					
3676	Soil	460	40.6	4.9	<0.01	<0.01	1.11	2.6	1.1	0.3	4.9	<0.01	0.07	10.9	<0.005
3676 Dup		445	38.9	4.6	<0.01	<0.01	1.01	2.5	0.7	0.2	4.5	<0.01	0.15	10.8	<0.005
QCV1109-01983-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.7				1.92		13.3	16.2					
3715	Soil	299	32.4	5.6	<0.01	0.02	0.97	1.1	<0.2	0.3	10.5	<0.01	<0.01	5.3	0.008
3715 Dup		308	30.7	5.7	<0.01	0.02	0.89	1.2	0.6	0.4	11.2	<0.01	0.03	5.1	0.008
QCV1109-01983-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.1				1.96		12.8	17.0					
4419	Soil	717	53.4	7.4	<0.01	0.02	1.35	2.9	<0.2	0.3	18.8	<0.01	0.13	7.5	<0.005
4419 Dup		694	53.7	7.3	<0.01	0.02	1.48	2.9	0.3	0.3	18.4	<0.01	0.17	7.5	<0.005
QCV1109-01983-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.9				1.71		13.4	17.3					
4476	Soil	1422	27.8	11.6	0.02	0.03	1.15	1.0	<0.2	0.5	8.8	0.02	0.11	4.1	0.006
4476 Dup		1406	30.8	12.3	0.01	0.03	1.29	1.4	0.5	0.5	9.3	0.02	0.14	4.4	0.006
QCV1109-01983-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4494	Soil	891	23.6	5.3	<0.01	<0.01	0.79	0.6	<0.2	0.6	7.7	<0.01	0.13	3.8	0.009
4494 Dup		825	22.6	5.1	<0.01	<0.01	0.72	0.7	<0.2	0.5	7.3	<0.01	<0.01	3.7	0.009
QCV1109-01983-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.5				1.71		13.4	22.8					

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5940	Soil	886	28.3	2.6	<0.01	0.02	2.55	2.6	<0.2	<0.2	6.3	<0.01	0.04	5.9	<0.005
5940 Dup		874	39.8	3.7	<0.01	0.02	3.32	3.8	<0.2	0.3	8.4	0.01	0.09	8.5	<0.005
QCV1109-01983-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1109-01983-0028-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		355	13.4												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3502	Soil	<0.05	0.80	41	1.47	2.19	105	3.6
3502 Dup		<0.05	0.83	41	0.91	2.00	102	3.0
QCV1109-01983-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							175	
3520	Soil	<0.05	0.79	30	0.80	4.01	64	1.5
3520 Dup		<0.05	0.75	30	0.80	3.71	63	1.1
QCV1109-01983-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
3681	Soil	0.28	1.09	15	0.62	1.11	49	<0.5
3681 Dup		0.35	1.31	15	0.70	1.29	48	<0.5
QCV1109-01983-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
3676	Soil	<0.05	1.06	44	0.14	2.93	127	2.8
3676 Dup		<0.05	1.02	44	0.13	2.92	129	2.5
QCV1109-01983-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							168	
3715	Soil	0.06	0.93	20	0.65	1.72	63	0.7
3715 Dup		0.06	0.86	20	0.61	1.64	65	0.6
QCV1109-01983-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
4419	Soil	<0.05	5.49	42	0.37	4.83	115	3.1
4419 Dup		<0.05	5.52	42	0.14	4.70	112	2.9
QCV1109-01983-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
4476	Soil	0.06	1.07	29	0.53	2.00	67	0.6
4476 Dup		0.08	1.19	29	0.58	2.11	67	0.6
QCV1109-01983-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5341	
4494	Soil	<0.05	0.62	29	0.44	1.53	62	<0.5
4494 Dup		<0.05	0.58	28	0.45	1.52	57	<0.5
QCV1109-01983-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	

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11-360-07332-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5940	Soil	<0.05	1.16	42	0.10	1.74	141	3.7
5940 Dup		<0.05	1.58	43	0.15	2.41	140	5.3
QCV1109-01983-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5217	
QCV1109-01983-0028-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.64					217	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Distribution List

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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 5**
Client Reference: **Soil 5**
Description: **3 ACE**

Date Received: 09/21/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	162	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6165	Soil	0.009	0.03	2.27	46.5	27	0.23	0.41	0.01	0.11	24.22	12.6	33	0.72	28.5
6166	Soil	0.013	0.13	0.44	469.3	19	0.12	0.33	0.02	0.44	14.09	4.0	8	0.89	33.9
6167	Soil	0.028	0.24	0.32	276.2	31	0.12	0.31	0.08	0.63	13.88	4.5	12	1.14	23.1
6168	Soil	0.058	0.18	0.73	129.8	16	0.36	0.52	0.04	0.18	19.93	18.1	22	1.46	41.6
6169	Soil	0.017	0.09	1.54	55.2	20	0.15	0.55	0.02	0.08	20.62	10.2	27	1.18	25.4
6170	Soil	0.021	0.06	1.66	75.1	32	0.20	0.56	0.02	0.09	27.49	10.6	26	1.38	23.5
6171	Soil	0.008	0.09	0.76	104.6	27	0.17	0.29	0.01	0.15	24.29	4.6	13	0.98	18.3
6172	Soil	0.022	0.07	2.00	201.2	23	0.15	0.53	0.01	0.11	24.20	8.5	33	0.93	23.6
6173	Soil	<0.005	0.04	1.25	44.3	28	0.12	0.52	0.02	0.09	26.45	6.6	20	1.38	18.4
6174	Soil	0.040	0.06	0.71	83.0	20	0.11	0.24	0.02	0.09	10.89	3.5	11	0.82	11.4
6175	Soil	0.005	0.06	0.81	15.9	23	0.15	0.27	0.02	0.09	17.18	6.6	17	0.88	16.8
6176	Soil	0.022	0.09	0.83	23.4	20	0.18	0.13	0.02	0.05	7.66	1.8	6	0.87	9.3
6177	Soil	0.020	0.07	0.84	53.0	39	0.26	0.29	0.03	0.21	14.72	3.8	13	1.28	14.8
6178	Soil	0.037	0.03	0.49	119.5	16	0.12	0.41	0.01	0.07	29.37	5.3	10	0.70	16.0
6179	Soil	0.012	0.05	1.95	37.9	51	0.31	0.49	0.04	0.10	28.66	8.0	29	2.68	20.8
6180	Soil	<0.005	0.04	1.11	13.3	25	0.18	0.23	0.05	0.06	15.68	3.8	12	1.11	12.7
6181	Soil	0.041	0.06	0.71	95.3	32	0.21	0.22	0.05	0.16	21.28	5.6	16	1.16	24.4
6182	Soil	0.055	0.13	0.61	79.8	21	0.12	0.29	0.01	0.10	14.40	3.4	13	1.24	18.4
6183	Soil	0.022	0.06	1.03	40.9	34	0.23	0.37	0.02	0.10	23.52	8.4	17	1.58	23.7
6184	Soil	0.048	0.31	1.31	101.6	27	0.22	0.40	0.03	0.21	28.31	8.2	25	1.49	28.9
6185	Soil	0.026	0.20	0.60	187.1	26	0.25	0.43	0.01	0.30	27.31	14.3	14	1.48	40.0
6186	Soil	0.048	0.09	0.48	360.6	22	0.15	0.29	0.02	0.39	22.45	7.1	14	0.93	20.7
6187	Soil	0.033	0.18	0.86	233.8	28	0.24	0.37	0.01	0.28	18.36	11.2	13	1.63	28.3
6188	Soil	0.099	0.30	0.39	356.8	33	0.16	0.45	<0.01	0.44	17.52	11.0	8	1.54	33.1
6189	Soil	0.078	0.22	0.38	354.2	35	0.20	0.42	<0.01	0.32	18.19	10.9	9	1.46	33.4
6190	Soil	0.283	1.55	0.40	1106.6	48	0.14	1.35	0.01	2.23	17.31	3.3	6	1.11	15.6
6191	Soil	0.010	0.18	0.55	81.6	23	0.17	0.44	<0.01	0.24	9.90	8.2	9	0.97	22.6
6192	Soil	<0.005	0.35	0.41	75.3	34	0.09	0.19	0.02	0.35	10.10	5.7	6	0.81	10.7
6193	Soil	0.206	1.04	0.31	658.3	35	0.08	1.99	0.01	1.31	21.86	5.7	7	0.72	18.6
6194	Soil	0.416	0.99	0.43	776.2	31	0.10	1.75	0.01	1.04	24.09	8.0	11	0.91	24.7
6195	Soil	0.052	0.44	0.18	54.8	16	<0.05	0.17	0.02	0.24	5.00	0.9	3	0.27	2.6
6196	Soil	0.131	0.22	1.27	937.6	26	0.33	0.52	0.18	0.55	14.62	13.0	21	1.19	31.2
6197	Soil	0.005	0.16	1.87	31.1	24	0.19	0.62	0.03	0.13	16.51	7.3	28	1.92	34.6
6198	Soil	<0.005	0.06	1.17	6.9	31	0.20	0.26	0.02	0.11	12.18	6.5	19	0.75	26.2
6199	Soil	<0.005	0.38	2.06	16.5	18	0.36	0.40	0.04	0.08	21.74	14.9	28	2.03	51.7
6200	Soil	<0.005	0.16	1.83	28.4	24	0.27	0.46	0.01	0.14	24.23	12.7	27	1.90	28.9
6201	Soil	<0.005	0.13	1.91	28.7	38	0.43	0.50	0.02	0.15	31.91	14.2	30	2.76	50.0
6202	Soil	0.008	0.04	2.77	29.5	20	0.28	0.63	0.04	0.15	30.57	15.6	41	2.14	53.2
6203	Soil	0.007	0.14	1.98	25.1	55	0.43	0.52	0.19	0.29	28.29	14.8	28	2.43	41.4
6204	Soil	<0.005	0.05	2.31	17.2	22	0.28	0.41	0.07	0.13	39.88	13.0	32	2.92	34.1

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Certificate of Analysis

11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6205	Soil	0.008	0.06	1.73	10.6	41	0.33	0.31	0.04	0.17	17.30	13.0	29	0.87	24.4
6206	Soil	<0.005	0.19	0.48	9.2	25	0.14	0.08	0.05	0.10	4.62	2.6	5	0.35	5.8
6207	Soil	0.006	0.15	1.88	22.5	42	0.86	0.46	0.25	0.18	16.93	13.6	28	1.45	14.8
6208	Soil	<0.005	0.06	1.01	16.1	30	0.23	0.26	0.08	0.10	12.68	6.8	12	0.39	13.8
6209	Soil	0.006	0.04	1.10	16.5	26	0.27	0.28	0.08	0.09	13.73	7.9	14	0.39	14.3
6210	Soil	<0.005	0.22	1.30	17.4	27	0.40	0.20	0.21	0.08	15.41	10.8	13	0.55	17.7
6211	Soil	<0.005	0.06	1.96	17.3	17	0.42	0.37	0.03	0.11	16.11	12.5	26	0.52	13.4
6212	Soil	0.042	0.06	1.42	17.9	34	0.29	0.32	0.03	0.13	16.69	10.6	21	0.53	11.8
6213	Soil	<0.005	0.05	1.34	7.9	39	0.35	0.28	0.04	0.09	20.05	5.7	18	0.84	16.8
6214	Soil	<0.005	0.09	1.34	37.2	19	0.34	0.27	0.04	0.09	24.25	12.0	22	0.45	20.0
6215	Soil	0.006	0.06	1.12	16.2	30	0.34	0.21	0.10	0.05	22.34	7.1	11	0.63	19.2
6216	Soil	0.005	0.17	1.05	21.1	32	0.43	0.28	0.21	0.27	12.94	12.1	17	0.57	31.1
6217	Soil	<0.005	0.07	1.00	10.4	26	0.29	0.20	0.04	0.13	10.64	5.5	9	0.58	15.8
6218	Soil	<0.005	0.11	1.52	14.4	18	0.32	0.41	0.06	0.09	24.44	14.6	21	0.56	35.3
6219	Soil	<0.005	0.05	1.33	8.7	34	0.22	0.31	0.02	0.13	15.79	9.3	19	0.75	23.9
6220	Soil	<0.005	0.06	1.54	17.1	22	0.40	0.33	0.16	0.10	20.34	15.9	20	0.62	32.8
6221	Soil	0.005	0.04	1.14	10.4	42	0.22	0.29	0.04	0.11	14.51	9.8	20	0.75	19.4
6222	Soil	<0.005	0.04	2.05	14.1	33	0.43	0.32	0.12	0.07	27.06	28.4	32	0.88	41.5
6223	Soil	<0.005	0.05	3.05	22.7	23	0.26	0.55	0.15	0.17	12.02	10.6	48	1.71	25.7
6224	Soil	<0.005	0.14	3.06	57.7	19	0.71	0.60	0.09	0.08	17.68	14.5	46	3.12	75.9
6225	Soil	<0.005	0.07	2.31	11.0	34	0.27	0.36	0.08	0.14	10.90	23.9	37	1.32	23.7
6226	Soil	<0.005	0.05	2.65	18.4	22	0.34	0.43	0.11	0.08	16.75	20.5	42	2.10	44.4
6227	Soil	<0.005	0.05	2.60	14.8	23	0.33	0.37	0.03	0.06	12.45	14.4	37	1.68	33.1
6228	Soil	<0.005	0.08	1.39	12.4	27	0.32	0.28	0.02	0.12	13.64	12.7	19	0.86	23.1
6229	Soil	0.008	0.11	2.53	60.7	19	0.52	0.39	0.10	0.13	28.17	24.3	35	1.44	59.3
6230	Soil	<0.005	0.02	1.29	18.0	28	0.45	0.29	0.04	0.07	34.07	15.8	15	0.74	28.9
6231	Soil	<0.005	0.09	1.74	14.3	16	0.52	0.30	0.10	0.10	26.43	16.1	22	0.65	38.1
6232	Soil	0.006	0.03	0.97	5.2	21	0.18	0.17	0.03	0.06	13.50	4.9	12	0.55	14.9
6233	Soil	<0.005	0.12	1.56	7.3	35	0.40	0.26	0.04	0.14	15.65	12.8	28	0.70	36.3
6234	Soil	<0.005	0.09	0.82	4.9	67	0.22	0.20	0.02	0.17	10.63	9.7	14	0.67	15.9
6235	Soil	<0.005	0.08	0.92	7.1	36	0.18	0.22	0.06	0.23	11.26	7.4	14	0.45	14.7
6236	Soil	<0.005	0.07	1.39	18.9	32	0.32	0.32	0.02	0.22	21.51	10.0	23	0.69	29.3
6237	Soil	<0.005	0.09	1.27	19.3	35	0.45	0.26	0.13	0.14	23.81	10.5	16	0.93	30.2
6238	Soil	<0.005	0.11	1.02	10.0	24	0.31	0.17	0.09	0.07	16.48	7.6	12	0.64	20.6
6239	Soil	<0.005	0.05	0.79	3.7	47	0.19	0.15	0.05	0.12	10.57	3.7	7	0.51	9.6
6240	Soil	<0.005	0.08	1.01	19.4	43	0.26	0.26	0.08	0.12	18.03	11.1	14	0.38	16.3
6241	Soil	<0.005	0.20	1.12	9.1	30	0.28	0.25	0.16	0.29	16.45	9.0	17	0.37	12.0
6242	Soil	<0.005	0.08	2.22	29.1	18	0.82	0.27	0.08	0.12	22.32	32.9	30	1.27	42.0
6243	Soil	<0.005	0.08	1.75	19.4	32	0.41	0.39	0.02	0.12	19.64	11.4	23	0.95	13.7
6244	Soil	<0.005	0.03	2.61	19.8	18	0.40	0.35	0.04	0.05	22.75	18.7	31	0.91	9.0

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6245	Soil	<0.005	0.14	2.05	25.0	22	0.79	0.39	0.09	0.18	26.50	68.0	22	1.35	48.2
6246	Soil	<0.005	0.20	1.40	20.3	25	0.62	0.34	0.23	0.10	20.37	16.5	14	0.51	30.5
6247	Soil	<0.005	0.07	2.25	24.0	20	0.69	0.37	0.08	0.05	30.26	21.4	22	0.90	10.1
6248	Soil	<0.005	0.05	2.35	14.3	17	0.81	0.29	0.15	0.04	31.90	30.2	30	1.44	9.9
6249	Soil	<0.005	0.15	1.76	18.4	29	0.58	0.30	0.06	0.14	17.02	20.7	21	0.81	15.3
6250	Soil	<0.005	0.08	0.91	4.5	28	0.12	0.20	0.02	0.03	17.46	3.6	12	0.75	15.7
6251	Soil	<0.005	0.05	1.60	19.6	21	0.33	0.27	0.07	0.07	21.92	14.2	20	0.40	17.3
6252	Soil	<0.005	0.15	1.53	17.1	15	0.52	0.34	0.16	0.05	25.71	17.6	19	0.92	30.6
6253	Soil	<0.005	0.08	1.64	15.0	32	0.39	0.28	0.08	0.09	27.82	14.0	23	0.59	26.9
6254	Soil	<0.005	0.07	1.43	14.4	29	0.41	0.28	0.08	0.09	27.26	14.5	17	0.45	23.0
6255	Soil	<0.005	0.07	1.11	8.3	35	0.27	0.21	0.09	0.16	12.93	8.8	14	0.44	16.1
6256	Soil	<0.005	0.09	1.72	17.5	25	0.49	0.35	0.23	0.07	21.93	15.6	23	0.70	41.3
6257	Soil	<0.005	0.08	1.62	14.2	30	0.48	0.33	0.21	0.06	18.16	11.9	20	0.78	24.6
6258	Soil	0.009	0.23	1.06	39.8	23	0.15	0.18	0.02	0.04	14.02	4.9	11	1.21	12.9
6259	Soil	<0.005	0.52	1.50	51.4	36	0.28	0.38	0.05	0.16	13.84	13.3	24	1.19	34.0
6260	Soil	0.015	0.07	2.09	49.3	25	0.46	0.46	0.04	0.09	15.32	16.2	28	1.72	30.1
6261	Soil	0.006	0.30	2.43	62.4	34	0.91	0.50	0.26	0.11	21.66	31.7	33	2.94	143.4
6262	Soil	<0.005	0.04	3.02	20.9	18	0.32	0.34	0.04	0.06	35.25	28.1	43	2.87	39.6
6263	Soil	<0.005	0.20	2.08	25.7	32	0.71	0.45	0.35	0.14	27.10	19.9	30	0.83	65.2
6264	Soil	0.007	0.11	1.87	21.6	28	0.73	0.50	0.24	0.13	26.78	17.9	21	0.72	57.6
6265	Soil	<0.005	0.08	1.82	17.7	37	0.56	0.45	0.11	0.10	23.59	16.8	19	0.74	48.8
6266	Soil	<0.005	0.17	1.53	18.4	40	0.58	0.35	0.50	0.20	20.28	14.0	19	0.82	38.4
6267	Soil	<0.005	0.12	1.79	11.4	29	0.50	0.35	0.19	0.05	16.02	13.0	21	0.78	35.7
6268	Soil	<0.005	0.09	1.51	9.8	26	0.40	0.29	0.15	0.08	28.44	16.3	19	0.62	25.4
6269	Soil	<0.005	0.14	1.34	4.4	61	0.41	0.21	0.43	0.12	9.70	6.6	12	0.44	27.6
6270	Soil	<0.005	0.07	1.09	15.0	28	0.48	0.26	0.11	0.12	18.99	12.2	14	0.60	28.0
6271	Soil	<0.005	0.05	1.64	8.4	29	0.45	0.33	0.03	0.11	22.38	15.9	20	0.77	29.4
6272	Soil	<0.005	0.03	1.37	7.4	39	0.55	0.29	0.06	0.13	23.96	18.5	16	0.58	23.1
6273	Soil	<0.005	0.18	2.12	17.4	42	0.96	0.42	0.19	0.21	31.23	27.3	27	0.55	44.9
6274	Soil	<0.005	0.16	1.42	14.8	39	0.76	0.36	2.73	0.21	31.75	22.2	18	0.44	44.0
6275	Soil	<0.005	0.08	0.93	12.9	42	0.63	0.36	3.53	0.26	51.48	13.3	14	0.22	38.6
6276	Soil	<0.005	0.11	0.71	9.2	45	0.52	0.32	3.52	0.11	24.07	21.3	9	0.71	34.8
6277	Soil	<0.005	0.08	0.37	5.8	24	0.30	0.18	0.59	0.12	36.17	9.1	6	0.25	14.7
6278	Soil	<0.005	0.08	0.58	7.5	31	0.55	0.26	2.95	0.22	52.21	11.8	9	0.29	31.1
6279	Soil	<0.005	0.13	0.91	8.6	41	0.60	0.35	0.59	0.17	44.44	9.6	11	0.25	28.5
6280	Soil	<0.005	0.14	1.07	7.1	50	0.62	0.34	0.94	0.27	46.45	10.6	12	0.26	29.8
6281	Soil	<0.005	0.08	1.37	6.7	29	0.77	0.36	0.55	0.26	64.91	18.4	95	0.43	55.2
6282	Soil	<0.005	0.10	1.21	6.7	28	0.60	0.31	2.68	0.22	37.54	18.3	15	0.35	55.3
6283	Soil	<0.005	0.11	1.25	7.9	30	0.65	0.33	0.99	0.20	42.68	16.2	15	0.41	44.8
6284	Soil	<0.005	0.39	1.35	19.5	48	0.55	0.42	4.08	0.10	33.96	25.4	14	0.48	48.2

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6285	Soil	<0.005	0.20	0.94	11.5	57	0.60	0.22	2.09	0.15	36.59	10.0	8	0.42	26.0
6286	Soil	<0.005	0.07	0.62	3.8	44	0.37	0.11	1.13	0.15	23.46	4.0	3	0.24	15.5
6287	Soil	<0.005	0.08	0.56	5.6	51	0.33	0.10	1.89	0.31	24.30	5.3	4	0.24	12.6
6288	Soil	<0.005	0.05	0.54	2.4	30	0.21	0.08	1.00	0.13	12.65	3.3	3	0.20	8.2
6289	Soil	<0.005	0.06	0.57	3.2	30	0.37	0.11	1.56	0.19	23.16	3.5	3	0.18	12.4
6290	Soil	<0.005	0.16	1.06	9.5	57	0.72	0.28	1.01	0.23	41.59	10.3	12	0.31	28.7
6291	Soil	<0.005	0.04	0.72	0.8	70	0.23	0.07	1.42	0.20	9.33	2.1	3	0.15	11.9
6292	Soil	<0.005	0.05	0.65	9.7	70	0.56	0.26	0.78	0.59	48.77	9.3	9	0.39	15.7
6293	Soil	<0.005	0.08	0.66	3.6	79	0.22	0.11	1.39	0.36	19.45	4.0	4	0.21	11.0
6294	Soil	<0.005	0.13	1.35	14.1	48	0.67	0.37	2.08	0.17	27.54	16.5	15	0.27	38.0
6295	Soil	<0.005	0.14	1.33	13.6	51	0.81	0.36	1.54	0.23	66.38	14.3	18	0.27	39.0
6296	Soil	<0.005	0.08	1.97	8.8	32	0.81	0.39	0.19	0.25	23.24	27.2	45	0.46	43.6
6297	Soil	<0.005	0.14	1.88	11.3	51	0.64	0.36	0.45	0.12	23.23	14.2	21	0.46	38.4
6298	Soil	<0.005	0.14	1.86	13.8	46	0.73	0.43	0.53	0.08	25.77	18.8	20	0.41	41.5
6299	Soil	<0.005	0.10	1.60	11.1	59	0.65	0.35	0.66	0.17	26.70	11.2	19	0.33	32.9
6300	Soil	<0.005	0.10	1.01	7.3	43	0.58	0.23	1.65	0.21	49.62	8.5	10	0.22	28.3
6301	Soil	<0.005	0.29	1.14	9.8	45	0.48	0.28	3.73	0.14	23.25	13.6	14	0.26	34.5
6302	Soil	<0.005	0.19	0.91	12.2	39	0.60	0.32	9.40	0.20	53.25	14.1	11	0.31	39.3
6303	Soil	<0.005	0.03	0.55	0.4	25	0.18	0.03	0.78	0.10	7.74	1.2	2	0.11	6.2
6304	Soil	<0.005	0.13	0.81	8.5	48	0.54	0.22	2.11	0.29	33.79	8.5	10	0.28	24.2
6305	Soil	<0.005	0.12	0.99	7.4	50	0.64	0.23	0.81	0.17	41.98	8.5	10	0.29	22.9
6306	Soil	<0.005	0.09	0.86	4.9	44	0.47	0.21	0.72	0.16	36.05	7.4	11	0.22	21.0
6307	Soil	<0.005	0.08	0.60	4.2	45	0.47	0.15	0.98	0.22	39.87	6.5	8	0.20	15.6
6308	Soil	<0.005	0.11	0.72	7.5	33	0.47	0.23	0.56	0.15	37.04	10.1	11	0.30	21.0
6309	Soil	<0.005	0.08	0.55	7.9	20	0.35	0.21	5.47	0.10	22.13	10.0	9	0.47	20.4
6310	Soil	<0.005	0.10	0.62	20.6	30	0.51	0.43	2.94	0.21	53.28	15.8	9	0.43	34.9
6311	Soil	<0.005	0.12	0.84	19.0	55	0.82	0.40	2.89	0.19	52.73	15.7	13	0.31	38.0
6312	Soil	0.006	0.11	0.75	17.7	31	0.55	0.40	6.45	0.17	60.31	18.8	10	0.26	46.3
6313	Soil	<0.005	0.12	0.82	15.1	19	0.53	0.34	9.24	0.21	39.90	16.7	12	0.29	46.7
6314	Soil	<0.005	0.10	1.22	6.0	64	0.56	0.24	1.50	0.11	21.70	8.6	12	0.25	26.2
6315	Soil	<0.005	0.05	1.84	5.7	26	0.48	0.29	0.12	0.07	22.72	21.1	26	0.56	31.1
6316	Soil	<0.005	0.08	1.45	9.9	17	0.45	0.33	0.17	0.06	18.03	20.3	18	0.66	33.6
6317	Soil	<0.005	0.11	1.41	6.7	25	0.41	0.31	0.14	0.05	18.82	16.3	18	0.63	30.7
6318	Soil	<0.005	0.18	1.63	6.1	35	0.55	0.29	0.05	0.07	14.59	9.8	19	0.84	28.2
6319	Soil	<0.005	0.10	1.51	7.6	22	0.54	0.31	0.08	0.13	26.52	21.4	23	0.74	34.6
6320	Soil	<0.005	0.13	1.48	11.1	23	0.51	0.32	0.20	0.10	25.83	29.0	21	0.74	36.4
6321	Soil	0.038	0.09	0.98	8.3	25	0.34	0.18	0.09	0.12	17.80	12.1	20	0.45	33.7
6322	Soil	<0.005	0.08	1.40	11.5	25	0.40	0.31	0.12	0.10	17.77	18.4	24	0.52	22.3
6323	Soil	<0.005	0.10	1.37	14.7	45	0.50	0.35	0.46	0.10	14.42	11.3	25	0.54	27.2
6324	Soil	0.006	0.09	1.94	12.8	24	0.51	0.48	0.17	0.04	34.70	24.6	24	0.74	58.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
6325	Soil	<0.005	0.11	1.65	14.3	33	0.63	0.46	0.30	0.11	10.39	15.6	21	0.57	41.2
6326	Soil	<0.005	0.09	1.28	18.6	30	0.64	0.44	0.44	0.17	14.01	15.0	22	0.54	58.6

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6165	Soil	4.53	6.84	<0.05	0.15	0.02	0.02	13.0	54.4	0.89	487	0.64	<0.01	0.17	40.6
6166	Soil	3.18	4.18	<0.05	<0.02	0.04	0.02	7.6	1.1	0.03	93	1.13	<0.01	0.28	13.3
6167	Soil	2.57	2.47	<0.05	<0.02	0.04	0.03	7.4	2.7	0.05	136	1.71	<0.01	0.09	17.3
6168	Soil	3.77	3.02	<0.05	0.02	0.03	0.03	10.9	14.2	0.25	708	1.32	<0.01	0.17	42.8
6169	Soil	4.56	6.01	<0.05	0.04	0.02	0.02	11.1	26.3	0.50	375	1.04	<0.01	0.65	28.1
6170	Soil	4.31	7.38	<0.05	0.03	0.02	0.02	14.1	30.7	0.54	423	0.93	<0.01	0.53	29.2
6171	Soil	2.01	4.79	<0.05	<0.02	0.01	0.02	13.2	5.9	0.10	171	1.56	<0.01	0.43	12.9
6172	Soil	5.50	7.71	0.06	0.03	0.02	0.02	12.3	33.5	0.64	626	0.87	<0.01	0.85	27.4
6173	Soil	3.46	7.98	0.05	<0.02	0.02	0.02	13.7	15.3	0.29	270	1.43	<0.01	1.41	17.5
6174	Soil	1.83	3.96	<0.05	<0.02	0.01	0.02	5.7	8.7	0.16	164	0.90	0.01	0.65	9.8
6175	Soil	1.94	3.77	<0.05	<0.02	0.02	0.02	9.0	10.8	0.19	247	1.37	<0.01	0.25	18.1
6176	Soil	0.85	2.76	<0.05	<0.02	<0.01	0.02	4.0	3.5	0.07	47	0.68	0.02	0.29	5.3
6177	Soil	1.62	4.63	<0.05	<0.02	0.02	0.03	7.5	3.5	0.09	110	1.51	0.01	0.48	11.9
6178	Soil	2.37	7.04	<0.05	<0.02	0.01	0.02	15.6	3.0	0.06	196	1.21	<0.01	0.47	12.0
6179	Soil	3.27	6.70	<0.05	<0.02	0.03	0.05	14.2	22.0	0.54	239	1.47	<0.01	0.76	25.2
6180	Soil	1.73	4.19	<0.05	<0.02	0.02	0.03	7.9	8.1	0.19	173	0.95	0.01	0.66	9.7
6181	Soil	3.32	3.53	<0.05	<0.02	0.02	0.03	10.7	8.6	0.18	169	1.33	<0.01	0.32	17.8
6182	Soil	2.15	3.59	<0.05	1.06	0.01	0.02	7.6	3.1	0.07	78	1.53	<0.01	0.49	11.1
6183	Soil	2.38	3.95	<0.05	0.25	0.02	0.03	12.2	16.0	0.30	227	1.28	<0.01	0.52	22.6
6184	Soil	3.57	5.21	<0.05	0.10	0.03	0.03	14.2	19.7	0.38	258	1.40	<0.01	1.08	25.3
6185	Soil	3.23	2.73	<0.05	0.05	0.03	0.03	14.9	7.9	0.14	321	0.84	<0.01	0.35	33.8
6186	Soil	2.24	3.10	<0.05	0.10	0.02	0.03	11.6	5.1	0.11	143	1.36	<0.01	0.42	20.6
6187	Soil	2.64	3.47	<0.05	0.06	0.02	0.03	10.1	12.3	0.18	446	0.88	<0.01	0.36	23.9
6188	Soil	2.31	1.90	<0.05	0.04	0.02	0.03	9.8	2.9	0.05	298	0.73	<0.01	0.16	23.3
6189	Soil	2.42	2.03	<0.05	0.04	0.02	0.03	10.3	3.0	0.05	243	0.80	<0.01	0.22	24.5
6190	Soil	1.33	2.01	<0.05	0.06	0.07	0.04	9.8	2.4	0.02	72	0.73	<0.01	0.16	7.8
6191	Soil	2.08	2.69	<0.05	0.07	0.02	0.03	5.4	6.3	0.08	162	0.76	<0.01	0.28	19.3
6192	Soil	1.09	2.35	<0.05	0.05	<0.01	0.02	5.1	1.0	0.02	1076	0.83	0.01	0.11	9.2
6193	Soil	1.52	2.55	<0.05	0.10	0.08	0.02	11.9	0.3	<0.01	60	0.96	<0.01	0.13	15.4
6194	Soil	2.42	2.52	<0.05	0.03	0.06	0.02	12.9	5.9	0.11	161	0.91	<0.01	0.21	21.4
6195	Soil	0.30	1.11	<0.05	0.07	<0.01	0.02	2.8	0.4	0.01	14	0.52	0.01	<0.05	3.2
6196	Soil	3.13	4.12	0.05	0.16	0.03	0.03	7.7	33.6	0.58	354	1.05	<0.01	0.11	33.2
6197	Soil	3.94	7.69	<0.05	0.14	0.02	0.02	9.9	44.0	0.70	401	1.13	<0.01	0.30	28.0
6198	Soil	2.12	4.24	<0.05	0.06	0.01	0.02	7.3	28.0	0.41	247	1.06	0.01	0.17	20.0
6199	Soil	3.80	5.86	<0.05	0.10	0.02	0.02	13.0	49.7	0.81	644	0.91	<0.01	0.24	31.4
6200	Soil	4.32	7.94	<0.05	0.08	0.02	0.02	14.2	37.5	0.56	493	1.42	<0.01	1.12	25.3
6201	Soil	3.91	7.40	0.05	0.09	0.02	0.03	19.0	49.7	0.73	513	1.13	<0.01	0.26	32.6
6202	Soil	5.17	8.51	0.06	0.10	0.03	0.02	18.4	70.7	1.19	604	1.01	<0.01	0.14	46.9
6203	Soil	3.51	7.38	<0.05	0.10	0.03	0.03	15.4	55.1	0.73	836	0.91	<0.01	0.57	30.6
6204	Soil	3.86	7.22	<0.05	0.09	0.02	0.03	23.8	66.1	0.98	443	0.97	<0.01	0.15	40.5

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6205	Soil	3.56	5.26	<0.05	0.06	0.02	0.03	8.1	32.7	0.66	1274	1.17	<0.01	0.32	25.9
6206	Soil	0.79	2.15	<0.05	0.03	<0.01	0.02	2.4	2.4	0.05	161	0.68	0.02	0.14	4.5
6207	Soil	3.69	5.81	<0.05	0.07	0.02	0.04	8.4	36.9	0.63	465	1.45	<0.01	0.50	28.8
6208	Soil	2.37	3.18	<0.05	0.05	<0.01	0.02	6.4	19.1	0.34	291	0.63	<0.01	0.14	17.1
6209	Soil	2.57	3.35	<0.05	0.07	0.01	0.02	6.7	22.1	0.39	315	0.66	<0.01	0.14	19.1
6210	Soil	2.17	3.71	<0.05	0.11	<0.01	0.02	7.2	25.8	0.40	285	0.57	0.01	0.24	19.0
6211	Soil	3.74	5.21	<0.05	0.19	0.01	0.02	8.0	45.1	0.79	332	0.76	<0.01	0.24	31.2
6212	Soil	3.21	4.61	<0.05	0.06	0.01	0.03	8.5	30.4	0.55	558	0.97	<0.01	0.27	22.8
6213	Soil	3.39	5.75	<0.05	0.02	0.02	0.03	9.6	12.6	0.24	427	1.13	0.01	0.36	11.9
6214	Soil	2.70	3.60	<0.05	0.09	0.01	0.03	11.3	27.4	0.50	348	1.34	<0.01	0.15	26.8
6215	Soil	1.99	2.96	<0.05	0.06	0.01	0.02	10.8	20.1	0.34	269	0.70	0.01	0.18	16.6
6216	Soil	2.47	3.15	<0.05	0.97	0.02	0.03	6.0	20.7	0.39	564	1.73	<0.01	0.23	25.5
6217	Soil	1.87	3.95	<0.05	0.45	0.02	0.02	5.1	6.7	0.13	365	1.16	0.01	0.41	9.1
6218	Soil	3.22	4.23	0.06	0.14	0.02	0.02	12.2	36.8	0.67	515	0.68	<0.01	0.13	32.0
6219	Soil	3.14	4.96	<0.05	0.16	0.02	0.02	7.5	14.4	0.30	949	0.92	<0.01	0.33	13.3
6220	Soil	3.03	4.07	<0.05	0.14	0.02	0.03	9.6	32.6	0.60	569	0.94	<0.01	0.14	31.3
6221	Soil	2.73	4.52	<0.05	0.08	0.01	0.03	6.9	20.2	0.40	598	1.05	<0.01	0.21	20.0
6222	Soil	3.92	5.52	0.05	0.11	0.01	0.03	13.1	55.1	0.96	686	0.84	<0.01	0.07	44.8
6223	Soil	4.55	9.26	0.06	0.30	0.03	0.03	4.6	81.4	1.33	594	1.09	<0.01	<0.05	48.5
6224	Soil	4.92	8.87	0.07	0.10	0.03	0.02	6.7	85.0	1.32	573	1.16	<0.01	<0.05	50.8
6225	Soil	3.78	7.06	0.06	0.22	0.01	0.03	5.4	64.1	1.02	1416	1.12	<0.01	0.10	37.6
6226	Soil	4.20	7.52	0.06	0.19	0.02	0.02	8.3	73.7	1.22	702	0.89	<0.01	0.07	43.4
6227	Soil	4.04	7.24	0.06	0.46	0.02	0.02	6.1	61.4	1.08	578	0.69	<0.01	0.15	38.6
6228	Soil	2.87	4.67	<0.05	0.11	0.01	0.03	6.8	22.6	0.38	692	0.83	<0.01	0.24	20.6
6229	Soil	4.42	6.88	0.06	0.09	0.02	0.02	13.7	64.3	1.09	774	0.92	<0.01	<0.05	44.4
6230	Soil	3.00	3.17	0.05	0.05	0.01	0.02	15.6	25.7	0.47	557	0.59	<0.01	0.10	29.2
6231	Soil	3.26	4.26	0.06	0.09	0.02	0.03	12.5	40.5	0.72	516	0.86	<0.01	0.13	36.5
6232	Soil	1.75	4.00	<0.05	0.06	<0.01	0.02	6.8	15.0	0.29	272	0.76	0.01	0.21	13.3
6233	Soil	3.06	4.37	<0.05	0.05	0.02	0.03	6.9	38.5	0.79	981	1.17	<0.01	0.25	28.4
6234	Soil	2.03	3.90	<0.05	0.03	0.01	0.03	5.1	12.4	0.27	1560	0.95	<0.01	0.16	12.1
6235	Soil	2.08	3.55	<0.05	0.04	0.01	0.04	5.1	16.1	0.29	471	0.89	<0.01	0.24	15.3
6236	Soil	3.31	5.22	0.05	0.03	0.03	0.03	9.9	23.1	0.46	529	1.61	<0.01	0.76	24.4
6237	Soil	2.38	3.10	<0.05	0.10	0.02	0.03	12.0	22.5	0.43	401	1.14	<0.01	0.14	27.1
6238	Soil	1.68	2.41	<0.05	0.07	0.01	0.02	8.0	16.2	0.28	335	0.67	0.02	0.14	19.8
6239	Soil	1.16	3.10	<0.05	0.03	<0.01	0.03	5.5	4.4	0.09	491	0.80	0.02	0.18	5.7
6240	Soil	2.50	3.27	<0.05	0.05	0.01	0.03	8.1	18.0	0.34	741	0.86	<0.01	0.21	18.6
6241	Soil	2.36	3.39	<0.05	0.07	0.01	0.04	7.8	23.7	0.44	488	0.79	<0.01	0.20	19.7
6242	Soil	3.97	5.89	0.05	0.18	0.02	0.03	10.4	51.4	0.83	690	0.78	<0.01	<0.05	44.4
6243	Soil	3.73	6.06	0.05	0.08	0.02	0.04	9.5	33.6	0.59	725	1.01	<0.01	0.44	24.2
6244	Soil	4.72	6.72	0.06	0.18	0.01	0.01	10.3	59.8	1.07	277	0.48	<0.01	0.05	41.2

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6245	Soil	4.03	5.25	0.07	0.08	0.02	0.03	12.4	46.6	0.79	1046	1.92	<0.01	0.08	51.8
6246	Soil	2.79	3.33	<0.05	0.25	0.02	0.03	9.8	26.6	0.53	945	0.62	<0.01	0.12	27.7
6247	Soil	4.03	5.87	0.06	0.07	0.01	0.03	15.3	53.7	0.89	533	1.28	<0.01	0.08	35.6
6248	Soil	4.02	6.13	0.07	0.14	0.01	0.03	15.2	60.2	1.04	606	0.69	<0.01	<0.05	40.2
6249	Soil	3.14	5.11	<0.05	0.10	0.02	0.03	8.4	36.1	0.62	795	0.93	<0.01	0.24	24.3
6250	Soil	1.37	4.01	<0.05	1.18	0.01	0.03	8.2	12.4	0.27	213	0.77	0.01	0.34	9.4
6251	Soil	2.95	4.19	0.06	0.32	0.01	0.02	10.6	36.7	0.66	350	0.68	<0.01	0.19	29.3
6252	Soil	3.15	3.99	0.06	0.20	0.02	0.03	12.3	35.5	0.62	373	0.76	<0.01	<0.05	33.6
6253	Soil	3.20	4.44	<0.05	0.17	0.02	0.03	12.8	40.1	0.70	750	0.79	<0.01	0.20	31.1
6254	Soil	2.85	3.69	<0.05	0.16	0.01	0.03	12.6	32.7	0.57	495	0.81	<0.01	0.20	28.6
6255	Soil	2.17	3.48	<0.05	0.17	0.01	0.03	6.3	22.8	0.42	489	0.81	<0.01	0.14	18.6
6256	Soil	3.44	4.26	<0.05	0.15	0.02	0.03	10.8	38.6	0.74	485	0.90	<0.01	0.12	36.3
6257	Soil	3.03	4.28	<0.05	0.16	0.02	0.04	8.7	32.7	0.60	296	0.92	<0.01	0.17	28.4
6258	Soil	1.49	3.66	<0.05	0.07	0.01	0.02	7.3	14.7	0.24	244	0.56	0.02	0.21	11.5
6259	Soil	4.06	6.72	0.06	0.05	0.02	0.02	7.4	25.8	0.43	1270	1.35	<0.01	0.30	23.6
6260	Soil	3.76	5.71	0.05	0.17	0.02	0.03	7.8	46.5	0.80	1251	0.88	<0.01	0.17	31.7
6261	Soil	3.77	6.81	0.05	0.41	0.03	0.03	11.4	62.6	1.04	689	1.03	0.01	0.08	45.5
6262	Soil	4.73	9.17	0.07	0.27	0.02	0.02	18.1	85.5	1.27	914	0.68	<0.01	0.09	47.4
6263	Soil	3.69	5.66	0.06	0.33	0.02	0.03	14.2	61.7	1.03	602	1.37	<0.01	0.09	45.4
6264	Soil	3.49	4.84	0.05	0.17	0.02	0.03	14.7	46.2	0.85	574	1.03	<0.01	<0.05	40.4
6265	Soil	3.13	4.98	<0.05	0.16	0.01	0.03	12.5	45.5	0.73	566	1.26	<0.01	0.08	37.2
6266	Soil	2.89	4.08	<0.05	0.16	0.02	0.04	10.9	34.2	0.66	509	1.69	0.01	0.15	31.9
6267	Soil	2.85	4.60	<0.05	0.11	0.02	0.03	8.1	42.3	0.67	277	0.86	<0.01	0.10	30.1
6268	Soil	2.85	4.15	0.05	0.07	0.02	0.03	13.7	39.5	0.58	495	0.86	<0.01	0.12	31.7
6269	Soil	1.85	3.46	<0.05	0.22	0.01	0.03	4.9	20.6	0.32	233	0.64	0.01	0.46	17.0
6270	Soil	2.49	3.12	<0.05	0.11	0.01	0.03	8.9	20.6	0.31	546	1.01	<0.01	0.17	25.5
6271	Soil	2.91	4.86	0.05	0.06	0.02	0.03	10.6	34.6	0.52	680	0.99	<0.01	0.44	26.6
6272	Soil	2.57	3.73	0.05	0.08	0.02	0.03	10.1	30.5	0.47	730	0.63	<0.01	0.37	24.3
6273	Soil	4.23	5.12	0.06	0.18	0.03	0.03	9.4	53.2	0.66	752	1.02	<0.01	0.41	37.6
6274	Soil	3.08	3.59	<0.05	0.25	0.03	0.03	18.0	33.0	0.57	470	1.00	<0.01	0.29	33.6
6275	Soil	3.30	2.54	<0.05	0.18	0.04	0.03	24.7	20.8	0.45	292	1.11	<0.01	0.31	34.1
6276	Soil	2.65	1.76	<0.05	0.11	0.03	0.03	13.6	7.8	0.18	261	0.96	<0.01	0.16	37.3
6277	Soil	1.74	0.92	<0.05	0.20	0.03	0.02	18.6	4.0	0.09	197	0.65	<0.01	0.10	21.2
6278	Soil	2.83	1.57	<0.05	0.23	0.04	0.02	27.9	8.9	0.19	331	0.90	<0.01	0.23	28.9
6279	Soil	3.11	2.35	<0.05	0.27	0.05	0.02	27.0	14.2	0.29	229	0.67	0.01	0.35	28.2
6280	Soil	3.13	2.77	<0.05	0.45	0.05	0.03	26.9	22.1	0.41	300	0.61	0.01	0.30	27.4
6281	Soil	4.00	3.80	0.06	0.33	0.06	0.02	30.7	40.4	0.63	416	1.28	<0.01	0.21	67.3
6282	Soil	3.56	3.23	<0.05	0.36	0.04	0.03	19.7	40.1	0.61	208	0.92	<0.01	0.15	46.3
6283	Soil	3.43	3.31	<0.05	0.40	0.05	0.03	24.1	36.1	0.57	276	0.85	<0.01	0.16	40.5
6284	Soil	4.04	3.05	<0.05	0.87	0.08	0.03	17.0	32.1	0.49	666	1.15	0.02	0.27	48.0

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6285	Soil	2.57	2.23	<0.05	0.57	0.11	0.03	19.7	8.4	0.15	783	0.84	0.03	0.39	23.0
6286	Soil	1.24	1.13	<0.05	0.37	0.06	0.03	12.0	2.8	0.07	544	0.46	0.04	0.29	7.8
6287	Soil	1.21	1.28	<0.05	0.37	0.10	0.02	9.9	1.9	0.07	594	0.62	0.03	0.42	9.4
6288	Soil	0.76	1.09	<0.05	0.34	0.03	0.02	5.2	2.8	0.05	233	0.46	0.04	0.35	6.6
6289	Soil	1.05	1.11	<0.05	0.28	0.03	0.03	12.4	3.5	0.09	210	0.52	0.03	0.41	8.1
6290	Soil	2.74	2.46	<0.05	0.34	0.05	0.03	24.5	14.7	0.29	348	1.10	0.01	0.30	30.8
6291	Soil	0.49	2.13	<0.05	0.33	<0.01	0.01	4.5	1.6	0.05	261	0.48	0.02	0.56	3.0
6292	Soil	2.76	1.95	<0.05	0.15	0.16	0.02	17.7	4.9	0.10	1719	0.93	<0.01	0.23	19.0
6293	Soil	0.97	1.94	<0.05	0.12	0.02	0.02	7.7	2.6	0.06	680	0.62	0.03	0.48	7.5
6294	Soil	3.16	3.33	<0.05	0.30	0.03	0.02	15.3	29.3	0.54	450	1.09	0.01	0.31	34.9
6295	Soil	3.50	2.94	<0.05	0.32	0.06	0.02	32.3	23.8	0.42	783	1.36	0.01	0.40	34.8
6296	Soil	3.83	5.24	<0.05	0.26	0.03	0.03	11.5	55.5	0.76	1272	3.47	<0.01	0.16	50.7
6297	Soil	3.19	4.80	<0.05	0.33	0.03	0.03	14.2	42.6	0.68	312	1.14	<0.01	0.22	34.5
6298	Soil	3.41	4.61	<0.05	0.45	0.03	0.03	14.7	43.6	0.70	457	0.78	<0.01	0.17	35.9
6299	Soil	3.00	4.01	<0.05	0.37	0.03	0.04	15.4	34.4	0.57	273	1.07	<0.01	0.23	32.3
6300	Soil	2.39	2.22	<0.05	0.27	0.04	0.02	28.2	15.1	0.38	182	0.93	0.02	0.47	24.2
6301	Soil	2.65	3.08	<0.05	0.22	0.02	0.02	12.6	29.4	0.56	277	0.97	0.01	0.24	31.1
6302	Soil	3.47	2.15	<0.05	0.22	0.04	0.03	29.3	21.4	0.57	298	1.15	0.01	0.17	38.8
6303	Soil	0.38	1.05	<0.05	0.11	<0.01	0.02	3.6	1.0	0.03	76	0.39	0.04	0.30	2.1
6304	Soil	2.14	2.01	<0.05	0.20	0.04	0.02	19.7	9.9	0.18	269	1.05	0.01	0.32	25.1
6305	Soil	2.41	2.36	<0.05	0.30	0.04	0.02	23.4	11.8	0.23	314	0.78	0.02	0.31	23.9
6306	Soil	2.22	2.17	<0.05	0.25	0.04	0.02	19.2	13.0	0.24	184	0.78	0.02	0.27	20.4
6307	Soil	2.13	1.64	<0.05	0.16	0.03	0.01	19.7	7.6	0.14	456	0.69	0.01	0.20	15.7
6308	Soil	2.34	1.86	<0.05	0.25	0.03	0.02	18.1	13.3	0.26	254	0.99	<0.01	0.18	27.6
6309	Soil	2.25	1.39	<0.05	0.22	0.02	0.02	11.1	9.9	0.23	162	0.84	<0.01	0.12	26.4
6310	Soil	3.41	1.54	<0.05	0.22	0.04	0.03	27.6	10.5	0.21	212	1.11	<0.01	0.20	44.2
6311	Soil	4.93	2.30	<0.05	0.15	0.04	0.03	23.4	12.7	0.28	391	1.56	<0.01	0.40	45.1
6312	Soil	4.28	2.08	<0.05	0.22	0.04	0.03	35.7	22.5	0.58	166	1.12	<0.01	0.13	51.3
6313	Soil	4.00	2.10	<0.05	0.24	0.04	0.02	24.3	25.5	0.64	163	1.26	<0.01	0.10	45.4
6314	Soil	2.27	2.74	<0.05	0.28	0.02	0.02	13.3	26.0	0.38	187	0.71	0.02	0.29	22.8
6315	Soil	3.35	5.42	<0.05	0.09	0.01	0.02	12.0	57.8	0.72	668	0.64	<0.01	0.16	34.1
6316	Soil	2.97	4.10	<0.05	0.12	0.01	0.02	8.5	42.4	0.59	714	0.65	<0.01	<0.05	32.9
6317	Soil	2.92	3.84	<0.05	0.08	0.02	0.02	9.0	36.9	0.51	654	0.69	<0.01	0.10	28.7
6318	Soil	2.41	4.66	<0.05	2.07	0.02	0.04	7.3	33.0	0.50	271	1.00	0.01	0.34	25.2
6319	Soil	2.67	4.14	<0.05	0.32	0.02	0.03	12.0	38.2	0.52	988	1.36	<0.01	0.12	30.8
6320	Soil	3.05	4.12	<0.05	0.25	0.02	0.02	11.5	43.1	0.60	760	0.78	<0.01	0.06	39.7
6321	Soil	1.82	2.94	<0.05	0.22	0.02	0.03	7.6	23.7	0.30	439	1.57	0.01	0.25	24.5
6322	Soil	2.58	3.83	<0.05	0.21	0.03	0.03	7.9	36.5	0.53	425	1.32	<0.01	0.10	32.3
6323	Soil	2.87	4.10	<0.05	0.36	0.02	0.02	7.2	33.9	0.49	475	1.51	<0.01	0.28	33.1
6324	Soil	3.53	5.80	<0.05	0.23	0.01	0.02	18.7	63.6	0.87	609	0.88	<0.01	<0.05	47.5

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6325	Soil	2.80	4.33	<0.05	0.27	0.02	0.03	5.5	43.9	0.69	455	1.04	<0.01	0.16	32.8
6326	Soil	2.50	3.49	<0.05	0.36	0.02	0.03	6.9	34.8	0.59	594	1.56	<0.01	0.06	34.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6165	Soil	407	26.5	3.3	<0.01	0.01	0.75	1.6	<0.2	<0.2	3.4	<0.01	0.06	7.2	<0.005
6166	Soil	667	135.4	2.6	<0.01	0.03	5.22	0.4	<0.2	0.6	21.1	<0.01	0.05	1.8	<0.005
6167	Soil	737	104.5	6.0	<0.01	0.04	5.03	0.3	<0.2	0.5	34.4	<0.01	0.07	1.2	<0.005
6168	Soil	747	58.7	2.9	<0.01	0.02	1.14	1.6	<0.2	<0.2	8.8	<0.01	0.11	5.1	<0.005
6169	Soil	791	27.7	4.4	<0.01	0.03	0.92	0.8	<0.2	0.3	3.9	<0.01	0.09	1.9	0.007
6170	Soil	799	33.1	4.5	<0.01	0.03	0.86	0.8	0.4	0.3	5.0	<0.01	0.10	1.7	0.007
6171	Soil	518	30.2	4.6	<0.01	0.03	0.77	0.4	0.2	0.4	4.2	<0.01	0.05	0.3	0.007
6172	Soil	1142	41.7	3.2	<0.01	0.04	0.98	1.0	<0.2	0.3	7.2	<0.01	0.10	2.1	0.009
6173	Soil	502	20.0	4.5	<0.01	0.03	0.99	0.6	0.2	0.6	7.1	<0.01	0.09	0.6	0.013
6174	Soil	384	13.8	3.1	<0.01	0.03	0.45	0.4	0.2	0.3	3.7	<0.01	0.07	0.3	0.017
6175	Soil	643	24.1	4.6	<0.01	0.05	0.47	0.3	0.4	0.4	5.3	<0.01	0.04	0.2	<0.005
6176	Soil	380	19.8	3.4	<0.01	0.04	0.21	0.3	<0.2	0.2	4.7	0.01	0.03	<0.2	0.009
6177	Soil	843	31.9	5.5	<0.01	0.08	0.57	0.2	0.5	0.6	6.3	<0.01	0.04	<0.2	0.006
6178	Soil	470	15.2	3.7	<0.01	0.02	0.85	0.4	<0.2	0.6	3.2	<0.01	0.06	0.5	0.010
6179	Soil	809	56.9	8.9	<0.01	0.04	0.67	0.9	0.6	0.7	8.6	<0.01	0.04	0.9	0.015
6180	Soil	527	26.5	3.9	<0.01	0.03	0.41	0.6	0.3	0.4	5.4	0.01	0.02	0.4	0.021
6181	Soil	864	36.3	4.4	<0.01	0.05	2.33	0.5	0.5	0.3	36.1	<0.01	0.03	1.8	0.011
6182	Soil	753	29.7	3.5	<0.01	0.05	1.00	0.3	0.3	0.4	7.6	<0.01	0.04	0.7	0.006
6183	Soil	442	43.1	5.4	<0.01	0.02	0.97	0.9	0.3	0.3	8.9	<0.01	0.06	2.3	0.010
6184	Soil	432	65.0	5.3	<0.01	0.03	1.59	1.4	0.5	0.4	8.6	<0.01	0.05	7.7	0.018
6185	Soil	390	75.2	5.1	<0.01	0.02	1.41	1.5	<0.2	0.2	24.0	<0.01	0.09	10.9	0.005
6186	Soil	368	29.3	4.5	<0.01	0.03	0.97	0.6	0.3	0.3	15.3	<0.01	0.04	1.3	0.010
6187	Soil	519	37.2	5.6	<0.01	0.03	0.90	0.7	<0.2	0.2	18.5	<0.01	0.07	2.1	<0.005
6188	Soil	328	67.1	4.8	<0.01	0.02	1.55	0.9	<0.2	<0.2	28.9	<0.01	0.09	4.4	<0.005
6189	Soil	307	61.8	4.3	<0.01	0.02	1.52	0.9	<0.2	<0.2	28.3	<0.01	0.09	5.5	<0.005
6190	Soil	291	288.2	4.8	<0.01	0.04	2.39	0.5	<0.2	0.4	39.0	<0.01	0.05	2.8	<0.005
6191	Soil	281	31.7	4.7	<0.01	0.01	0.72	0.6	<0.2	0.2	10.7	<0.01	0.06	5.5	<0.005
6192	Soil	430	21.0	3.3	<0.01	0.03	0.29	0.1	<0.2	0.2	9.3	<0.01	0.03	0.3	<0.005
6193	Soil	318	197.8	3.4	<0.01	0.02	2.25	0.6	0.2	0.4	29.2	<0.01	0.08	2.7	<0.005
6194	Soil	299	158.9	3.7	<0.01	0.02	2.28	0.9	<0.2	0.3	30.4	<0.01	0.06	4.5	<0.005
6195	Soil	334	22.3	1.0	<0.01	0.02	0.20	<0.1	<0.2	<0.2	8.0	<0.01	<0.01	<0.2	<0.005
6196	Soil	603	100.1	3.3	<0.01	0.05	2.23	1.6	0.4	<0.2	28.1	<0.01	0.12	7.2	<0.005
6197	Soil	962	31.4	4.4	<0.01	0.03	0.92	1.0	<0.2	<0.2	4.6	<0.01	0.09	5.4	<0.005
6198	Soil	679	28.4	1.6	<0.01	0.03	0.26	0.5	<0.2	<0.2	2.8	<0.01	0.06	2.0	<0.005
6199	Soil	619	36.2	3.3	<0.01	<0.01	0.74	1.4	<0.2	<0.2	3.1	<0.01	0.08	7.3	<0.005
6200	Soil	997	31.8	5.6	<0.01	0.02	0.91	1.5	<0.2	0.3	3.6	<0.01	0.09	7.3	0.008
6201	Soil	627	35.9	5.1	<0.01	0.01	0.97	1.6	<0.2	0.2	4.1	<0.01	0.09	7.7	<0.005
6202	Soil	721	34.3	3.7	<0.01	0.02	1.07	2.0	0.2	<0.2	5.1	<0.01	0.10	11.1	<0.005
6203	Soil	657	26.0	6.9	<0.01	0.02	0.74	1.7	<0.2	0.3	17.4	<0.01	0.08	5.4	0.007
6204	Soil	363	19.9	6.0	<0.01	<0.01	1.00	1.9	<0.2	<0.2	6.3	<0.01	0.07	10.6	<0.005

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6205	Soil	1087	25.0	3.8	<0.01	0.06	0.59	0.5	<0.2	0.2	5.4	<0.01	0.04	1.1	<0.005
6206	Soil	637	5.2	1.7	<0.01	0.06	0.28	<0.1	<0.2	<0.2	5.3	<0.01	0.01	<0.2	<0.005
6207	Soil	1364	22.3	6.3	<0.01	0.07	1.21	0.7	0.3	0.3	16.2	<0.01	0.04	2.0	0.006
6208	Soil	712	17.7	2.5	<0.01	0.04	0.81	0.4	<0.2	<0.2	6.9	<0.01	0.02	1.5	<0.005
6209	Soil	646	16.4	2.2	<0.01	0.03	0.87	0.6	<0.2	<0.2	6.5	<0.01	0.03	3.0	<0.005
6210	Soil	530	14.7	1.7	<0.01	0.04	0.91	0.7	<0.2	<0.2	11.4	<0.01	0.02	3.7	<0.005
6211	Soil	821	16.5	2.5	<0.01	0.04	0.76	0.9	<0.2	<0.2	4.7	<0.01	0.05	5.8	<0.005
6212	Soil	959	18.2	3.8	<0.01	0.05	0.79	0.4	<0.2	<0.2	5.4	<0.01	0.03	1.4	<0.005
6213	Soil	1171	10.1	5.1	<0.01	0.08	0.54	0.3	0.3	0.4	6.0	<0.01	0.05	0.2	<0.005
6214	Soil	594	20.8	2.1	<0.01	0.03	0.94	0.9	<0.2	<0.2	5.4	<0.01	0.04	4.1	<0.005
6215	Soil	550	13.1	2.7	<0.01	0.02	0.98	1.0	<0.2	<0.2	8.6	<0.01	0.02	2.3	<0.005
6216	Soil	862	20.3	4.6	<0.01	0.04	2.35	0.7	<0.2	<0.2	11.8	<0.01	0.06	1.0	<0.005
6217	Soil	715	14.6	2.7	<0.01	0.05	0.99	0.3	0.4	<0.2	4.1	<0.01	0.03	0.3	<0.005
6218	Soil	572	23.5	2.2	<0.01	<0.01	1.11	1.9	<0.2	<0.2	6.6	<0.01	0.07	7.9	<0.005
6219	Soil	1156	17.6	3.9	<0.01	0.07	0.62	0.3	0.2	0.2	4.6	<0.01	0.05	0.6	<0.005
6220	Soil	656	28.0	2.7	<0.01	0.02	1.35	1.3	<0.2	<0.2	12.9	<0.01	0.05	5.5	<0.005
6221	Soil	970	17.9	3.4	<0.01	0.06	0.97	0.3	<0.2	<0.2	5.4	<0.01	0.04	0.4	<0.005
6222	Soil	409	23.4	2.2	<0.01	0.01	0.98	1.9	<0.2	<0.2	8.9	<0.01	0.04	9.2	<0.005
6223	Soil	686	25.1	1.6	<0.01	0.03	0.76	2.8	<0.2	<0.2	6.9	<0.01	0.09	8.2	<0.005
6224	Soil	655	50.0	1.6	<0.01	0.01	1.44	3.2	<0.2	<0.2	6.5	<0.01	0.13	11.4	<0.005
6225	Soil	1153	34.3	3.2	<0.01	0.06	0.26	1.3	<0.2	<0.2	4.9	<0.01	0.07	3.1	<0.005
6226	Soil	587	41.0	1.8	<0.01	0.02	0.31	1.9	<0.2	<0.2	4.8	<0.01	0.08	4.9	<0.005
6227	Soil	1022	32.2	2.0	<0.01	0.04	0.38	1.7	<0.2	<0.2	4.4	<0.01	0.05	4.8	<0.005
6228	Soil	868	22.5	3.3	<0.01	0.05	1.02	0.3	<0.2	<0.2	4.4	<0.01	0.03	0.9	<0.005
6229	Soil	475	71.7	1.6	<0.01	<0.01	1.11	2.2	<0.2	<0.2	10.0	<0.01	0.04	9.2	<0.005
6230	Soil	355	29.0	2.2	<0.01	<0.01	2.27	1.2	<0.2	<0.2	7.5	<0.01	0.03	8.9	<0.005
6231	Soil	555	28.8	2.1	<0.01	0.01	1.37	1.7	<0.2	<0.2	10.9	<0.01	0.06	8.3	<0.005
6232	Soil	531	8.7	2.9	<0.01	0.03	0.39	0.3	<0.2	<0.2	4.6	<0.01	0.04	0.4	0.006
6233	Soil	930	21.0	3.2	<0.01	0.06	0.46	0.6	<0.2	<0.2	4.7	<0.01	0.04	0.7	<0.005
6234	Soil	1024	14.7	4.2	<0.01	0.08	0.45	0.2	<0.2	<0.2	4.9	<0.01	0.04	<0.2	<0.005
6235	Soil	797	14.9	3.4	<0.01	0.07	0.54	0.2	<0.2	<0.2	6.5	<0.01	0.03	0.2	<0.005
6236	Soil	786	23.0	4.2	<0.01	0.06	1.68	0.6	0.3	0.5	4.6	<0.01	0.05	0.4	0.011
6237	Soil	726	17.3	3.7	<0.01	0.01	2.30	2.4	<0.2	<0.2	9.5	<0.01	0.04	4.1	<0.005
6238	Soil	530	10.7	2.2	<0.01	0.02	1.01	1.3	<0.2	<0.2	6.3	<0.01	0.03	1.1	<0.005
6239	Soil	746	11.4	4.2	<0.01	0.05	0.32	0.3	<0.2	<0.2	7.1	<0.01	0.03	<0.2	<0.005
6240	Soil	905	18.6	3.4	<0.01	0.06	0.76	0.3	<0.2	<0.2	9.7	<0.01	0.03	0.8	<0.005
6241	Soil	917	12.8	2.8	<0.01	0.07	0.50	0.6	<0.2	<0.2	10.0	<0.01	0.04	1.8	<0.005
6242	Soil	283	37.6	1.7	<0.01	0.02	1.68	1.7	<0.2	<0.2	5.6	<0.01	0.04	9.9	<0.005
6243	Soil	1505	25.4	5.7	<0.01	0.08	0.80	0.6	0.3	0.3	5.5	<0.01	0.07	1.7	0.006
6244	Soil	393	11.8	1.8	<0.01	0.01	0.62	1.3	<0.2	<0.2	4.2	<0.01	0.07	13.2	<0.005

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6245	Soil	392	48.1	2.9	<0.01	0.02	1.91	1.8	<0.2	<0.2	12.6	<0.01	0.05	19.2	<0.005
6246	Soil	762	35.0	2.8	<0.01	0.03	2.36	2.4	<0.2	<0.2	13.4	<0.01	0.07	8.7	<0.005
6247	Soil	641	17.0	3.0	<0.01	0.02	1.26	1.7	<0.2	<0.2	13.9	<0.01	0.03	13.8	<0.005
6248	Soil	593	14.7	2.1	<0.01	<0.01	1.07	2.4	<0.2	<0.2	12.8	<0.01	0.04	23.8	<0.005
6249	Soil	968	25.3	3.1	<0.01	0.06	0.94	0.8	<0.2	0.3	6.9	<0.01	0.03	3.5	<0.005
6250	Soil	559	8.0	5.4	<0.01	0.03	0.29	0.4	<0.2	0.3	4.4	<0.01	<0.01	0.4	0.006
6251	Soil	458	19.0	2.0	<0.01	0.01	0.98	1.1	<0.2	<0.2	7.7	<0.01	0.02	9.0	<0.005
6252	Soil	394	23.6	2.5	<0.01	<0.01	1.24	2.0	<0.2	<0.2	15.6	<0.01	0.04	18.3	<0.005
6253	Soil	536	21.2	2.6	<0.01	0.02	0.81	1.8	<0.2	<0.2	7.6	<0.01	0.05	6.0	0.005
6254	Soil	574	19.6	2.5	<0.01	0.02	1.38	1.3	<0.2	<0.2	8.8	<0.01	0.04	4.6	0.005
6255	Soil	841	12.5	3.7	<0.01	0.05	0.61	0.2	<0.2	<0.2	8.8	<0.01	0.04	0.2	<0.005
6256	Soil	503	23.9	2.5	<0.01	0.02	1.41	1.7	<0.2	<0.2	10.7	<0.01	0.06	6.3	<0.005
6257	Soil	684	25.7	3.8	<0.01	0.03	1.35	1.1	<0.2	<0.2	9.2	<0.01	0.04	3.9	<0.005
6258	Soil	566	9.1	2.9	<0.01	0.04	0.54	0.2	<0.2	0.3	4.1	<0.01	0.03	<0.2	<0.005
6259	Soil	1193	24.8	3.3	<0.01	0.06	1.36	0.3	0.2	0.2	9.3	<0.01	0.10	0.2	<0.005
6260	Soil	1032	24.8	3.2	<0.01	0.06	1.90	0.8	<0.2	<0.2	5.6	<0.01	0.10	2.3	<0.005
6261	Soil	723	56.9	2.4	<0.01	0.03	2.07	2.5	0.3	<0.2	9.9	<0.01	0.10	6.4	<0.005
6262	Soil	583	33.7	2.5	<0.01	0.01	0.45	2.4	<0.2	<0.2	3.2	<0.01	0.06	8.1	<0.005
6263	Soil	595	38.7	2.4	<0.01	0.02	1.07	3.4	0.2	<0.2	14.5	<0.01	0.11	9.7	<0.005
6264	Soil	535	36.5	2.4	<0.01	0.01	0.73	2.9	<0.2	<0.2	12.7	<0.01	0.11	12.1	<0.005
6265	Soil	596	36.0	3.7	<0.01	0.02	0.67	1.6	<0.2	<0.2	8.9	<0.01	0.13	7.5	<0.005
6266	Soil	653	26.7	3.6	<0.01	0.02	0.96	1.9	0.2	<0.2	19.3	<0.01	0.07	6.8	<0.005
6267	Soil	458	22.9	3.1	<0.01	0.02	0.57	1.4	<0.2	<0.2	12.0	<0.01	0.05	8.2	<0.005
6268	Soil	423	23.9	2.7	<0.01	0.01	0.62	1.7	<0.2	<0.2	13.0	<0.01	0.07	10.2	<0.005
6269	Soil	695	18.8	2.7	<0.01	0.06	0.30	0.9	<0.2	<0.2	30.1	<0.01	0.01	2.8	0.005
6270	Soil	691	25.7	3.4	<0.01	0.04	0.61	0.9	<0.2	<0.2	10.2	<0.01	0.04	2.7	<0.005
6271	Soil	698	32.8	4.9	<0.01	0.03	0.67	0.9	0.2	0.3	7.1	<0.01	0.05	3.3	0.007
6272	Soil	685	31.5	4.0	<0.01	0.02	0.46	1.1	<0.2	<0.2	7.5	<0.01	0.03	4.9	0.010
6273	Soil	1338	47.6	4.0	<0.01	0.06	0.81	1.3	0.2	0.2	18.3	<0.01	0.06	4.1	0.006
6274	Soil	840	41.3	2.7	<0.01	0.02	0.98	2.1	0.3	0.2	113.9	<0.01	0.07	3.6	<0.005
6275	Soil	802	21.7	2.6	<0.01	0.01	1.34	2.2	0.5	0.2	130.4	<0.01	0.07	2.5	<0.005
6276	Soil	579	23.2	2.4	<0.01	<0.01	1.64	1.8	0.4	0.2	82.2	<0.01	0.08	3.1	<0.005
6277	Soil	399	24.1	1.5	<0.01	0.02	0.92	2.6	<0.2	<0.2	28.1	<0.01	0.04	5.4	<0.005
6278	Soil	683	22.9	2.4	<0.01	<0.01	1.04	2.6	0.5	<0.2	109.9	<0.01	0.07	2.8	<0.005
6279	Soil	658	27.1	2.2	<0.01	0.03	1.18	3.9	0.5	0.2	36.8	<0.01	0.10	4.5	0.006
6280	Soil	930	26.0	2.4	<0.01	0.04	0.72	4.0	0.5	0.2	50.8	<0.01	0.09	4.6	0.005
6281	Soil	772	29.3	2.6	<0.01	0.01	0.66	6.8	0.5	0.2	37.3	<0.01	0.07	9.9	<0.005
6282	Soil	1052	24.6	2.1	<0.01	0.03	1.16	3.7	0.7	<0.2	120.6	<0.01	0.10	5.4	<0.005
6283	Soil	1026	26.4	2.2	<0.01	0.03	1.22	4.3	0.5	<0.2	53.4	<0.01	0.07	6.3	<0.005
6284	Soil	1409	35.9	2.4	<0.01	<0.01	2.57	3.6	0.6	0.2	148.2	<0.01	0.14	11.2	<0.005

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6285	Soil	1445	30.7	3.0	<0.01	0.06	1.46	1.8	0.8	0.2	98.6	0.01	0.05	1.4	0.006
6286	Soil	841	12.2	2.5	<0.01	0.04	0.60	1.0	0.4	<0.2	65.4	<0.01	0.01	0.5	0.010
6287	Soil	980	12.0	2.0	<0.01	0.06	0.78	1.0	<0.2	<0.2	92.7	<0.01	0.04	0.6	0.011
6288	Soil	673	7.4	1.5	<0.01	0.04	0.35	0.7	0.2	<0.2	51.2	0.01	0.02	0.5	0.009
6289	Soil	885	10.2	1.7	<0.01	0.05	0.47	1.3	0.5	<0.2	79.0	0.01	0.03	0.9	0.009
6290	Soil	1313	26.0	2.8	<0.01	0.06	1.36	3.1	0.6	0.2	62.7	<0.01	0.06	3.6	<0.005
6291	Soil	867	3.9	0.6	<0.01	0.10	0.10	0.4	0.3	<0.2	71.0	0.02	<0.01	0.3	0.014
6292	Soil	1327	28.7	4.1	<0.01	0.08	1.68	2.5	0.4	0.2	47.8	<0.01	0.04	1.7	<0.005
6293	Soil	818	11.1	1.6	<0.01	0.08	0.53	1.0	0.5	<0.2	70.2	0.01	0.04	0.5	0.010
6294	Soil	975	30.0	2.2	<0.01	0.04	1.38	3.0	0.4	<0.2	77.2	<0.01	0.07	5.0	<0.005
6295	Soil	1224	33.2	2.8	<0.01	0.04	1.26	4.3	0.5	0.2	62.5	0.01	0.04	3.8	0.005
6296	Soil	740	58.5	3.0	<0.01	0.03	0.56	2.7	0.3	<0.2	16.4	<0.01	0.05	8.4	<0.005
6297	Soil	698	33.8	3.1	<0.01	0.03	0.67	2.6	<0.2	<0.2	25.7	<0.01	0.04	7.4	<0.005
6298	Soil	597	38.6	2.5	<0.01	0.03	0.73	2.8	0.3	<0.2	33.8	<0.01	0.05	8.7	<0.005
6299	Soil	884	24.3	3.5	<0.01	0.05	0.99	2.3	0.4	0.2	35.3	<0.01	0.03	4.8	<0.005
6300	Soil	955	17.5	2.4	<0.01	0.04	0.88	3.0	0.4	0.2	73.0	<0.01	0.03	2.5	0.009
6301	Soil	786	22.0	1.6	<0.01	<0.01	1.12	2.1	<0.2	<0.2	124.4	<0.01	0.07	3.9	<0.005
6302	Soil	1112	24.1	2.1	<0.01	<0.01	1.38	4.0	0.6	<0.2	343.9	<0.01	0.07	5.9	<0.005
6303	Soil	574	2.2	1.0	<0.01	0.03	0.08	0.5	<0.2	<0.2	42.1	0.01	<0.01	0.2	0.014
6304	Soil	1079	20.5	2.0	<0.01	0.08	1.16	1.7	0.9	<0.2	105.8	<0.01	0.05	1.4	<0.005
6305	Soil	958	23.4	2.7	<0.01	0.04	0.88	3.3	0.5	<0.2	52.4	<0.01	0.05	3.6	0.005
6306	Soil	722	20.9	2.0	<0.01	0.04	0.56	2.9	0.4	<0.2	42.1	<0.01	0.05	3.0	0.006
6307	Soil	764	18.5	1.8	<0.01	0.05	0.46	2.4	0.5	<0.2	55.0	<0.01	0.02	2.1	<0.005
6308	Soil	525	23.2	1.7	<0.01	0.02	0.84	3.2	<0.2	<0.2	30.6	<0.01	0.04	5.7	<0.005
6309	Soil	570	21.0	1.6	<0.01	<0.01	0.99	2.3	<0.2	<0.2	166.5	<0.01	0.04	9.4	<0.005
6310	Soil	345	31.3	1.9	<0.01	<0.01	1.98	4.1	0.5	0.2	112.8	<0.01	0.07	12.0	<0.005
6311	Soil	960	24.5	3.3	<0.01	0.02	1.38	2.7	0.7	0.3	130.1	<0.01	0.06	2.9	0.006
6312	Soil	590	24.0	2.1	<0.01	<0.01	1.31	4.1	0.4	0.2	235.3	<0.01	0.08	9.7	<0.005
6313	Soil	558	24.1	1.7	<0.01	<0.01	1.67	3.5	0.5	<0.2	303.1	<0.01	0.05	9.0	<0.005
6314	Soil	810	19.6	2.1	<0.01	0.03	0.44	1.9	<0.2	<0.2	52.2	<0.01	0.03	2.8	<0.005
6315	Soil	530	30.3	2.6	<0.01	0.01	0.37	1.6	<0.2	<0.2	10.6	<0.01	0.02	7.6	<0.005
6316	Soil	343	38.7	1.9	<0.01	<0.01	0.58	1.6	<0.2	<0.2	17.6	<0.01	0.03	17.0	<0.005
6317	Soil	381	24.2	2.7	<0.01	0.01	0.49	1.7	<0.2	<0.2	12.3	<0.01	0.02	9.2	<0.005
6318	Soil	745	26.7	5.0	<0.01	0.05	0.41	1.0	<0.2	<0.2	8.7	<0.01	0.01	2.8	<0.005
6319	Soil	515	57.9	2.6	<0.01	0.02	0.61	1.3	<0.2	<0.2	11.9	<0.01	0.02	9.4	<0.005
6320	Soil	415	39.5	2.2	<0.01	<0.01	0.56	2.1	<0.2	<0.2	17.5	<0.01	0.03	18.3	<0.005
6321	Soil	627	16.8	2.5	<0.01	0.02	0.60	1.0	<0.2	<0.2	10.9	<0.01	0.03	2.9	0.007
6322	Soil	486	24.1	2.7	<0.01	0.03	0.80	1.0	<0.2	<0.2	11.3	<0.01	0.01	5.9	<0.005
6323	Soil	835	23.8	3.5	<0.01	0.04	0.66	1.7	<0.2	<0.2	25.9	<0.01	0.05	6.4	<0.005
6324	Soil	438	59.1	1.8	<0.01	<0.01	0.31	2.0	<0.2	<0.2	16.5	<0.01	0.10	19.0	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6325	Soil	585	37.0	3.2	<0.01	0.03	0.54	1.4	<0.2	<0.2	13.9	<0.01	0.08	7.4	<0.005
6326	Soil	652	37.0	2.4	<0.01	0.04	0.87	2.3	<0.2	<0.2	15.5	<0.01	0.07	7.4	<0.005

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6165	Soil	<0.05	0.84	42	0.07	1.48	110	2.8
6166	Soil	0.36	0.90	17	0.39	0.93	105	<0.5
6167	Soil	0.47	1.33	10	0.75	0.89	111	<0.5
6168	Soil	0.07	1.58	21	0.20	1.65	114	<0.5
6169	Soil	<0.05	0.82	36	0.20	1.37	84	0.6
6170	Soil	0.06	0.79	38	0.21	1.80	79	0.7
6171	Soil	0.06	0.72	29	0.25	1.94	39	<0.5
6172	Soil	<0.05	0.76	44	0.20	1.47	84	0.6
6173	Soil	0.06	0.64	44	0.26	1.60	55	<0.5
6174	Soil	<0.05	0.42	23	0.29	0.87	30	<0.5
6175	Soil	0.06	0.77	25	0.34	1.39	49	<0.5
6176	Soil	<0.05	0.63	13	0.42	1.25	14	<0.5
6177	Soil	0.08	0.92	28	1.91	2.09	32	<0.5
6178	Soil	0.05	0.56	32	1.36	1.39	39	<0.5
6179	Soil	0.18	1.55	54	0.51	2.78	75	<0.5
6180	Soil	0.07	0.95	31	0.24	1.71	34	<0.5
6181	Soil	<0.05	1.52	24	0.60	1.72	73	<0.5
6182	Soil	0.17	1.21	24	1.47	1.22	36	<0.5
6183	Soil	0.15	1.08	26	0.55	2.07	58	<0.5
6184	Soil	0.36	1.03	37	0.83	2.17	76	0.9
6185	Soil	0.17	1.49	19	0.67	2.06	101	<0.5
6186	Soil	0.05	0.88	21	0.54	1.56	60	<0.5
6187	Soil	0.06	1.08	19	0.48	1.35	82	<0.5
6188	Soil	0.19	1.40	11	0.80	1.47	76	<0.5
6189	Soil	0.16	1.25	11	0.75	1.30	80	<0.5
6190	Soil	0.12	0.75	8	0.74	0.94	66	<0.5
6191	Soil	0.06	0.83	12	0.53	0.83	67	0.6
6192	Soil	0.05	0.54	12	0.29	0.67	48	<0.5
6193	Soil	0.07	0.46	10	0.82	0.85	91	<0.5
6194	Soil	0.09	0.81	14	0.77	1.24	105	<0.5
6195	Soil	<0.05	0.33	5	0.11	0.39	12	<0.5
6196	Soil	0.08	1.45	25	0.42	1.74	109	2.6
6197	Soil	<0.05	1.00	40	0.09	1.24	86	2.7
6198	Soil	<0.05	0.77	22	0.05	0.91	48	0.8
6199	Soil	<0.05	1.09	36	0.08	1.91	95	1.7
6200	Soil	<0.05	0.84	41	0.18	1.54	96	1.9
6201	Soil	<0.05	1.29	39	0.10	2.10	107	1.8
6202	Soil	<0.05	1.05	50	0.08	2.12	145	1.8
6203	Soil	<0.05	2.41	39	0.13	3.01	118	1.6
6204	Soil	<0.05	1.50	40	<0.05	2.17	118	1.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6205	Soil	<0.05	0.74	37	0.09	1.85	77	0.8
6206	Soil	<0.05	0.41	11	<0.05	0.64	13	<0.5
6207	Soil	0.05	1.73	37	0.10	5.35	73	1.2
6208	Soil	<0.05	0.84	18	<0.05	2.06	55	0.8
6209	Soil	<0.05	0.84	19	<0.05	2.10	59	1.2
6210	Soil	<0.05	1.01	19	<0.05	4.27	39	1.4
6211	Soil	<0.05	1.07	34	0.06	2.25	62	3.0
6212	Soil	<0.05	0.90	30	0.08	1.90	52	0.8
6213	Soil	<0.05	0.85	33	0.13	2.44	37	<0.5
6214	Soil	<0.05	1.00	22	0.05	3.08	49	1.3
6215	Soil	<0.05	0.92	19	0.05	4.16	37	1.0
6216	Soil	<0.05	0.86	20	0.05	3.10	69	1.0
6217	Soil	<0.05	0.90	17	0.12	2.49	29	<0.5
6218	Soil	<0.05	0.97	28	0.05	4.25	69	1.0
6219	Soil	<0.05	0.77	25	0.08	2.03	49	0.5
6220	Soil	<0.05	0.97	25	<0.05	3.58	79	1.8
6221	Soil	<0.05	0.76	25	0.08	1.85	57	<0.5
6222	Soil	<0.05	1.01	38	<0.05	2.44	98	1.7
6223	Soil	<0.05	1.57	52	<0.05	1.54	110	3.6
6224	Soil	<0.05	4.77	52	<0.05	2.33	116	1.7
6225	Soil	<0.05	0.89	41	<0.05	0.92	98	2.3
6226	Soil	<0.05	0.89	47	<0.05	1.81	103	2.6
6227	Soil	<0.05	1.16	43	<0.05	1.33	93	3.7
6228	Soil	<0.05	0.83	23	0.06	1.76	62	0.8
6229	Soil	<0.05	1.84	43	<0.05	3.38	118	1.3
6230	Soil	<0.05	1.02	21	<0.05	3.84	60	0.6
6231	Soil	<0.05	0.97	30	<0.05	4.87	82	1.2
6232	Soil	<0.05	0.49	22	0.07	1.71	34	<0.5
6233	Soil	<0.05	0.66	35	0.09	2.59	67	<0.5
6234	Soil	<0.05	0.51	21	0.09	1.26	43	<0.5
6235	Soil	<0.05	0.60	20	0.12	1.77	44	<0.5
6236	Soil	<0.05	0.73	32	0.12	2.76	71	<0.5
6237	Soil	<0.05	1.25	22	<0.05	6.84	69	1.5
6238	Soil	<0.05	1.07	19	<0.05	5.31	41	0.7
6239	Soil	<0.05	0.54	15	0.07	1.42	31	<0.5
6240	Soil	<0.05	0.76	19	0.06	2.01	56	0.5
6241	Soil	<0.05	0.67	21	<0.05	2.22	49	0.9
6242	Soil	<0.05	1.42	35	<0.05	4.46	117	2.9
6243	Soil	0.05	1.30	38	0.16	2.91	64	1.2
6244	Soil	<0.05	0.92	46	<0.05	3.12	72	2.8

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Certificate of Analysis

11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6245	Soil	0.06	3.57	34	0.11	5.46	124	2.1
6246	Soil	<0.05	1.18	22	0.05	12.41	69	3.9
6247	Soil	<0.05	1.93	36	<0.05	4.87	63	1.2
6248	Soil	<0.05	1.80	40	<0.05	7.21	59	5.2
6249	Soil	<0.05	1.00	29	0.05	2.78	56	1.9
6250	Soil	0.05	0.50	21	0.11	1.29	27	<0.5
6251	Soil	<0.05	0.93	28	<0.05	2.70	58	1.8
6252	Soil	<0.05	1.41	25	<0.05	6.36	55	4.0
6253	Soil	<0.05	0.94	31	0.07	4.80	65	1.2
6254	Soil	<0.05	0.90	26	0.07	3.42	63	1.1
6255	Soil	<0.05	0.58	22	0.06	1.57	51	<0.5
6256	Soil	<0.05	1.76	30	<0.05	4.96	103	2.0
6257	Soil	<0.05	1.39	26	<0.05	3.87	87	1.9
6258	Soil	<0.05	0.47	17	0.16	0.74	36	<0.5
6259	Soil	<0.05	0.66	31	0.13	1.40	78	<0.5
6260	Soil	<0.05	0.83	34	0.08	1.76	100	2.2
6261	Soil	<0.05	5.16	40	<0.05	6.71	132	4.1
6262	Soil	<0.05	1.34	53	<0.05	1.56	107	3.5
6263	Soil	<0.05	1.33	40	<0.05	7.03	86	5.0
6264	Soil	<0.05	1.29	33	<0.05	7.05	86	2.7
6265	Soil	<0.05	1.10	29	<0.05	3.80	74	2.3
6266	Soil	<0.05	1.15	27	<0.05	6.11	66	2.6
6267	Soil	<0.05	0.99	27	<0.05	4.37	58	2.1
6268	Soil	<0.05	1.02	25	0.06	6.15	60	1.5
6269	Soil	<0.05	0.92	18	0.06	4.49	52	3.1
6270	Soil	<0.05	1.18	18	0.07	3.85	65	1.6
6271	Soil	<0.05	1.25	30	0.07	3.13	74	1.0
6272	Soil	<0.05	1.07	26	0.07	3.83	62	1.3
6273	Soil	<0.05	1.68	35	0.08	6.34	112	2.8
6274	Soil	<0.05	1.46	26	0.10	10.94	94	4.7
6275	Soil	<0.05	1.79	23	0.06	11.65	105	2.7
6276	Soil	0.06	1.56	13	<0.05	8.66	103	2.3
6277	Soil	<0.05	0.77	7	<0.05	10.20	57	3.4
6278	Soil	<0.05	1.22	15	<0.05	15.28	82	2.8
6279	Soil	<0.05	0.91	21	0.05	15.17	84	3.7
6280	Soil	<0.05	0.99	24	<0.05	16.02	108	7.1
6281	Soil	<0.05	2.16	30	0.09	18.73	137	5.9
6282	Soil	<0.05	1.54	24	<0.05	12.48	131	6.8
6283	Soil	<0.05	1.47	25	0.05	14.56	117	6.5
6284	Soil	<0.05	2.78	22	<0.05	10.83	76	6.3

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Certificate of Analysis

11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6285	Soil	<0.05	1.96	15	0.05	12.46	46	2.8
6286	Soil	<0.05	0.81	11	<0.05	6.50	35	1.5
6287	Soil	<0.05	1.17	10	<0.05	7.02	89	2.1
6288	Soil	<0.05	0.97	8	<0.05	3.21	26	1.5
6289	Soil	<0.05	1.04	9	<0.05	7.13	47	2.7
6290	Soil	<0.05	1.92	16	0.06	14.74	79	5.0
6291	Soil	<0.05	0.64	10	<0.05	1.92	21	2.2
6292	Soil	<0.05	2.10	14	0.07	9.93	116	2.1
6293	Soil	<0.05	1.12	10	0.07	3.53	44	2.0
6294	Soil	<0.05	2.10	23	<0.05	10.10	89	5.6
6295	Soil	<0.05	2.57	23	0.07	20.90	75	4.0
6296	Soil	<0.05	2.13	32	0.08	11.28	102	4.7
6297	Soil	<0.05	1.90	28	<0.05	9.18	100	6.3
6298	Soil	<0.05	2.89	29	<0.05	10.18	100	8.7
6299	Soil	<0.05	2.62	26	<0.05	9.86	98	6.6
6300	Soil	<0.05	1.54	19	0.05	14.21	76	4.6
6301	Soil	<0.05	1.47	23	0.07	6.41	76	4.3
6302	Soil	<0.05	2.27	21	<0.05	12.98	103	4.5
6303	Soil	<0.05	0.40	8	<0.05	1.68	18	1.1
6304	Soil	<0.05	2.48	12	0.06	12.07	72	3.0
6305	Soil	<0.05	1.60	15	0.07	15.81	71	4.9
6306	Soil	<0.05	0.86	16	0.06	13.68	65	4.0
6307	Soil	<0.05	0.80	13	0.06	14.30	55	2.9
6308	Soil	<0.05	0.90	15	0.06	12.13	68	4.3
6309	Soil	<0.05	1.06	12	<0.05	7.40	62	5.3
6310	Soil	<0.05	2.23	13	0.07	9.31	128	5.4
6311	Soil	0.07	2.91	23	0.18	10.72	117	3.2
6312	Soil	<0.05	2.68	21	<0.05	11.03	121	4.4
6313	Soil	<0.05	2.39	21	<0.05	9.48	141	5.8
6314	Soil	<0.05	1.07	19	<0.05	8.75	76	4.9
6315	Soil	<0.05	1.08	32	<0.05	4.51	94	1.8
6316	Soil	<0.05	1.54	24	<0.05	4.14	82	4.6
6317	Soil	<0.05	1.26	23	<0.05	7.04	67	1.5
6318	Soil	<0.05	1.10	25	0.08	3.39	70	1.6
6319	Soil	<0.05	1.22	23	<0.05	3.60	73	1.7
6320	Soil	<0.05	1.10	24	<0.05	6.91	87	3.6
6321	Soil	<0.05	0.77	17	0.10	4.07	37	0.8
6322	Soil	<0.05	0.95	22	<0.05	3.63	37	1.9
6323	Soil	<0.05	1.00	25	0.06	5.47	65	4.9
6324	Soil	<0.05	1.06	34	<0.05	4.22	100	6.2

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Certificate of Analysis

11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6325	Soil	<0.05	0.97	27	<0.05	5.39	74	3.8
6326	Soil	<0.05	0.96	22	<0.05	4.17	78	4.9

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Certificate of Analysis

11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6165	Soil		0.03	2.27	46.5	27	0.23	0.41	0.01	0.11	24.22	12.6	33	0.72	28.5
6165 Dup			0.03	2.38	41.0	25	0.18	0.38	0.01	0.11	24.53	12.4	32	0.68	26.6
QCV1109-02261-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.58					8.71				22.6			>10000
6183	Soil		0.06	1.03	40.9	34	0.23	0.37	0.02	0.10	23.52	8.4	17	1.58	23.7
6183 Dup			0.05	1.06	40.2	32	0.21	0.39	0.02	0.10	24.08	8.1	18	1.52	22.5
QCV1109-02261-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6009.3
6201	Soil		0.13	1.91	28.7	38	0.43	0.50	0.02	0.15	31.91	14.2	30	2.76	50.0
6201 Dup			0.12	1.94	29.9	37	0.46	0.51	0.02	0.14	33.67	14.2	28	2.73	51.7
QCV1109-02261-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43					9.05				22.1			>10000
6219	Soil		0.05	1.33	8.7	34	0.22	0.31	0.02	0.13	15.79	9.3	19	0.75	23.9
6219 Dup			0.05	1.35	9.0	36	0.21	0.32	0.02	0.13	16.03	9.3	20	0.76	23.6
QCV1109-02261-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.39					8.47				22.9			>10000
6237	Soil		0.09	1.27	19.3	35	0.45	0.26	0.13	0.14	23.81	10.5	16	0.93	30.2
6237 Dup			0.11	1.29	19.9	37	0.47	0.28	0.14	0.17	24.92	11.0	17	0.97	31.7
QCV1109-02261-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.56					8.73				23.5			>10000
6255	Soil		0.07	1.11	8.3	35	0.27	0.21	0.09	0.16	12.93	8.8	14	0.44	16.1
6255 Dup			0.07	1.10	8.8	37	0.27	0.23	0.09	0.17	13.44	8.9	14	0.47	16.2
QCV1109-02261-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.67					9.18				23.9			>10000
6273	Soil		0.18	2.12	17.4	42	0.96	0.42	0.19	0.21	31.23	27.3	27	0.55	44.9
6273 Dup			0.18	2.13	17.4	40	0.91	0.42	0.18	0.21	30.58	25.0	26	0.53	43.7
QCV1109-02261-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.28												6080.2
6291	Soil		0.04	0.72	0.8	70	0.23	0.07	1.42	0.20	9.33	2.1	3	0.15	11.9
6291 Dup			0.03	0.73	0.9	75	0.28	0.07	1.47	0.21	10.29	2.3	3	0.16	12.8
QCV1109-02261-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6298.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
6309	Soil		0.08	0.55	7.9	20	0.35	0.21	5.47	0.10	22.13	10.0	9	0.47	20.4
6309 Dup			0.12	0.52	7.9	21	0.42	0.20	5.58	0.09	22.39	10.1	9	0.48	20.7
QCV1109-02261-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6257.1
QCV1109-02261-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.48		7236.7							9.5			28.0
6165	Soil	0.009													
6165 Dup		<0.005													
6183	Soil	0.022													
6183 Dup		0.030													
QCV1109-02262-0004-BLK		<0.005													
6201	Soil	<0.005													
6201 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.971													
6219	Soil	<0.005													
6219 Dup		<0.005													
QCV1109-02262-0008-BLK		<0.005													
6237	Soil	<0.005													
6237 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.924													
6255	Soil	<0.005													
6255 Dup		0.007													
QCV1109-02262-0012-BLK		<0.005													
6273	Soil	<0.005													
6273 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.943													
6291	Soil	<0.005													
6291 Dup		0.008													
QCV1109-02262-0016-BLK		<0.005													
6309	Soil	<0.005													
6309 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.922													
QCV1109-02262-0020-BLK		<0.005													

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
6165	Soil	4.53	6.84	<0.05	0.15	0.02	0.02	13.0	54.4	0.89	487	0.64	<0.01	0.17	40.6
6165 Dup		4.53	6.61	<0.05	0.14	0.02	0.02	13.1	49.7	0.92	480	0.60	<0.01	0.15	37.1
QCV1109-02261-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6183	Soil	2.38	3.95	<0.05	0.25	0.02	0.03	12.2	16.0	0.30	227	1.28	<0.01	0.52	22.6
6183 Dup		2.48	3.95	<0.05	0.13	0.02	0.03	12.7	15.6	0.30	223	1.19	<0.01	0.48	22.3
QCV1109-02261-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6201	Soil	3.91	7.40	0.05	0.09	0.02	0.03	19.0	49.7	0.73	513	1.13	<0.01	0.26	32.6
6201 Dup		3.88	7.49	0.05	0.08	0.02	0.03	20.4	49.7	0.74	509	1.10	<0.01	0.27	32.8
QCV1109-02261-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6219	Soil	3.14	4.96	<0.05	0.16	0.02	0.02	7.5	14.4	0.30	949	0.92	<0.01	0.33	13.3
6219 Dup		3.30	5.19	<0.05	0.11	0.02	0.03	7.8	14.8	0.31	955	0.97	<0.01	0.35	13.8
QCV1109-02261-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6237	Soil	2.38	3.10	<0.05	0.10	0.02	0.03	12.0	22.5	0.43	401	1.14	<0.01	0.14	27.1
6237 Dup		2.48	3.25	<0.05	0.11	0.02	0.03	12.6	24.4	0.44	412	1.19	0.01	0.14	28.2
QCV1109-02261-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6255	Soil	2.17	3.48	<0.05	0.17	0.01	0.03	6.3	22.8	0.42	489	0.81	<0.01	0.14	18.6
6255 Dup		2.21	3.65	<0.05	0.10	0.01	0.03	6.8	22.8	0.42	478	0.84	<0.01	0.14	19.3
QCV1109-02261-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6273	Soil	4.23	5.12	0.06	0.18	0.03	0.03	9.4	53.2	0.66	752	1.02	<0.01	0.41	37.6
6273 Dup		4.16	4.95	0.07	0.18	0.03	0.03	9.2	50.1	0.66	714	0.93	<0.01	0.40	35.4
QCV1109-02261-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6291	Soil	0.49	2.13	<0.05	0.33	<0.01	0.01	4.5	1.6	0.05	261	0.48	0.02	0.56	3.0
6291 Dup		0.51	2.40	<0.05	0.26	<0.01	0.01	4.9	1.9	0.05	267	0.50	0.02	0.66	3.0
QCV1109-02261-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
6309	Soil	2.25	1.39	<0.05	0.22	0.02	0.02	11.1	9.9	0.23	162	0.84	<0.01	0.12	26.4
6309 Dup		2.23	1.36	<0.05	0.21	0.02	0.02	11.3	9.8	0.22	169	0.92	<0.01	0.12	25.6
QCV1109-02261-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-02261-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.63	468				50.1

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6165	Soil	407	26.5	3.3	<0.01	0.01	0.75	1.6	<0.2	<0.2	3.4	<0.01	0.06	7.2	<0.005
6165 Dup		415	25.0	3.1	<0.01	0.01	0.66	1.4	<0.2	<0.2	3.4	<0.01	0.04	7.2	<0.005
QCV1109-02261-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.7				1.89		13.9	16.7					
6183	Soil	442	43.1	5.4	<0.01	0.02	0.97	0.9	0.3	0.3	8.9	<0.01	0.06	2.3	0.010
6183 Dup		446	41.1	5.4	<0.01	0.02	0.96	0.9	0.4	0.3	9.2	<0.01	0.05	2.5	0.010
QCV1109-02261-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
6201	Soil	627	35.9	5.1	<0.01	0.01	0.97	1.6	<0.2	0.2	4.1	<0.01	0.09	7.7	<0.005
6201 Dup		625	36.9	5.3	<0.01	0.01	1.02	1.5	<0.2	0.2	4.4	<0.01	0.08	7.5	<0.005
QCV1109-02261-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.8				1.93		12.9	16.0					
6219	Soil	1156	17.6	3.9	<0.01	0.07	0.62	0.3	0.2	0.2	4.6	<0.01	0.05	0.6	<0.005
6219 Dup		1178	17.4	4.0	<0.01	0.07	0.60	0.3	0.3	<0.2	4.6	<0.01	0.03	0.5	<0.005
QCV1109-02261-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.7				1.84		13.3	16.4					
6237	Soil	726	17.3	3.7	<0.01	0.01	2.30	2.4	<0.2	<0.2	9.5	<0.01	0.04	4.1	<0.005
6237 Dup		737	17.9	3.9	<0.01	0.01	2.31	2.6	0.2	<0.2	9.7	<0.01	0.06	4.4	<0.005
QCV1109-02261-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.1				1.76		12.8	16.7					
6255	Soil	841	12.5	3.7	<0.01	0.05	0.61	0.2	<0.2	<0.2	8.8	<0.01	0.04	0.2	<0.005
6255 Dup		836	12.9	4.0	<0.01	0.05	0.64	0.2	<0.2	<0.2	9.0	<0.01	0.04	<0.2	<0.005
QCV1109-02261-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.5				1.97		14.0	18.3					
6273	Soil	1338	47.6	4.0	<0.01	0.06	0.81	1.3	0.2	0.2	18.3	<0.01	0.06	4.1	0.006
6273 Dup		1293	46.0	3.8	<0.01	0.05	0.79	1.3	0.2	0.2	17.8	<0.01	0.05	4.1	0.006
QCV1109-02261-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
6291	Soil	867	3.9	0.6	<0.01	0.10	0.10	0.4	0.3	<0.2	71.0	0.02	<0.01	0.3	0.014
6291 Dup		892	3.8	0.7	<0.01	0.10	0.11	0.5	0.2	<0.2	77.1	0.02	0.02	0.3	0.015
QCV1109-02261-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
6309	Soil	570	21.0	1.6	<0.01	<0.01	0.99	2.3	<0.2	<0.2	166.5	<0.01	0.04	9.4	<0.005
6309 Dup		568	21.1	1.5	<0.01	<0.01	1.08	2.4	<0.2	<0.2	176.5	<0.01	0.03	9.0	<0.005
QCV1109-02261-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1109-02261-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		350	12.7												

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6165	Soil	<0.05	0.84	42	0.07	1.48	110	2.8
6165 Dup		<0.05	0.76	42	0.06	1.38	110	2.9
QCV1109-02261-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
6183	Soil	0.15	1.08	26	0.55	2.07	58	<0.5
6183 Dup		0.16	1.18	26	0.60	2.05	58	<0.5
QCV1109-02261-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4926	
6201	Soil	<0.05	1.29	39	0.10	2.10	107	1.8
6201 Dup		<0.05	1.31	39	0.09	2.29	109	1.6
QCV1109-02261-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							170	
6219	Soil	<0.05	0.77	25	0.08	2.03	49	0.5
6219 Dup		<0.05	0.77	25	0.09	2.01	50	0.5
QCV1109-02261-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							166	
6237	Soil	<0.05	1.25	22	<0.05	6.84	69	1.5
6237 Dup		<0.05	1.35	23	<0.05	7.15	71	1.4
QCV1109-02261-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
6255	Soil	<0.05	0.58	22	0.06	1.57	51	<0.5
6255 Dup		<0.05	0.61	22	0.06	1.61	52	<0.5
QCV1109-02261-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							169	
6273	Soil	<0.05	1.68	35	0.08	6.34	112	2.8
6273 Dup		<0.05	1.66	34	0.15	6.18	122	2.7
QCV1109-02261-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4790	
6291	Soil	<0.05	0.64	10	<0.05	1.92	21	2.2
6291 Dup		<0.05	0.68	11	0.05	2.03	20	2.6
QCV1109-02261-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5027	

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11-360-07337-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
6309	Soil	<0.05	1.06	12	<0.05	7.40	62	5.3
6309 Dup		<0.05	1.09	12	<0.05	7.52	65	5.2
QCV1109-02261-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5210	
QCV1109-02261-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.28					214	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Client Reference: **Soil 6**
Description: **3 ACE**

Date Received: 09/26/2011
Date Completed: 10/28/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	4	No Sample	
Whitehorse, YT	157	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4501	Soil	0.021	0.18	1.76	67.0	44	0.45	0.44	0.41	0.15	42.70	13.0	26	0.70	34.2
4502	Soil	0.011	0.08	1.77	43.7	64	0.64	0.34	0.45	0.12	56.43	13.6	26	0.85	34.8
4503	Soil	0.018	0.08	1.30	29.3	60	0.53	0.31	3.95	0.10	50.57	11.8	17	0.84	28.7
4504	Soil	0.014	0.08	1.40	30.9	65	0.64	0.32	1.80	0.12	58.49	12.5	19	0.79	31.4
4505	Soil	0.020	0.12	1.34	26.1	81	0.62	0.26	0.70	0.08	45.58	9.8	14	0.68	27.5
4506	Soil	0.010	0.10	1.51	28.7	83	0.65	0.35	0.54	0.07	65.88	13.4	17	0.80	31.7
4507	Soil	0.008	0.07	1.38	22.7	71	0.59	0.33	0.40	0.06	63.57	12.1	16	0.71	30.3
4508	Soil	0.008	0.09	1.26	23.5	63	0.56	0.28	0.99	0.13	44.78	11.0	18	0.66	26.9
4509	Soil	0.013	0.07	0.97	36.4	38	0.47	0.27	0.76	0.23	45.58	11.1	17	0.51	29.4
4510	Soil	0.011	0.07	1.23	26.2	64	0.54	0.28	1.44	0.09	37.27	10.7	14	0.61	26.9
4511	Soil	0.012	0.07	0.70	10.0	49	0.29	0.13	1.68	0.12	14.60	5.2	9	0.32	15.4
4512	Soil	0.019	0.08	0.99	19.5	52	0.40	0.20	1.46	0.14	26.69	8.3	12	0.52	20.2
4513	Soil	0.011	0.09	1.20	25.5	73	0.48	0.26	1.39	0.12	33.90	9.8	14	0.63	25.9
4514	Soil	0.013	0.07	1.36	25.0	87	0.56	0.31	1.11	0.12	44.57	11.6	15	0.68	27.8
4515	Soil	0.061	0.08	1.34	21.2	82	0.53	0.33	0.72	0.08	51.56	11.3	15	0.65	25.8
4516	Soil	0.014	0.12	1.43	23.8	87	0.56	0.29	1.35	0.13	36.78	11.0	17	0.84	35.3
4517	Soil	0.024	0.07	1.40	25.3	69	0.57	0.29	0.56	0.08	51.86	10.8	17	0.59	23.7
4518	Soil	0.008	0.43	1.62	20.8	66	0.78	0.34	0.66	0.06	49.49	12.0	19	0.55	27.2
4519	Soil	0.011	0.22	1.20	36.6	59	0.52	0.29	0.55	0.10	36.19	9.8	15	0.60	28.2
4520	Soil	0.007	0.06	1.81	18.5	72	0.54	0.30	0.23	0.04	64.23	11.9	20	0.77	27.2
4521	Soil	0.008	0.04	1.66	17.1	70	0.62	0.30	0.07	0.03	79.16	9.1	18	0.64	28.4
4522	Soil	<0.005	0.04	1.64	11.1	54	0.33	0.26	0.10	0.04	72.66	6.5	18	1.04	8.9
4523	Soil	0.006	0.05	1.68	18.2	80	0.48	0.27	0.09	0.04	74.51	9.8	20	0.62	18.5
4524	Soil	<0.005	0.03	0.93	17.3	43	0.22	0.32	0.17	0.05	59.86	7.6	11	0.68	16.6
4525	Soil	<0.005	0.04	1.59	17.0	53	0.69	0.26	0.23	0.04	63.49	8.8	16	0.58	15.9
4526	Soil	0.014	0.04	1.66	19.4	68	0.71	0.29	0.20	0.05	74.56	11.1	19	0.71	28.2
4527	Soil	0.009	0.05	1.54	14.9	63	0.54	0.31	1.01	0.04	51.88	11.6	18	0.60	27.1
4528	Soil	0.016	0.05	1.41	16.4	62	0.53	0.29	0.29	0.06	56.89	10.7	17	0.49	21.2
4529	Soil	0.009	0.10	1.44	14.0	69	0.47	0.24	0.85	0.14	44.30	9.3	15	0.59	23.7
4530	Soil	0.029	0.10	1.49	56.3	58	0.50	0.29	0.68	0.12	41.13	11.1	19	0.89	28.3
4531	Soil	0.005	0.09	2.48	12.7	45	0.94	0.40	0.66	0.07	103.73	17.4	28	1.05	42.0
4532	Soil	0.006	0.19	1.82	11.2	58	0.77	0.39	1.22	0.17	51.67	12.8	23	1.02	52.2
4533	Soil	<0.005	0.10	1.14	9.0	37	0.56	0.31	3.33	0.11	53.81	10.4	12	0.49	21.8
4534	Soil	0.006	0.09	1.41	15.8	66	0.52	0.27	1.04	0.14	47.73	9.8	17	0.54	28.4
4535	Soil	<0.005	0.13	1.35	19.0	46	0.53	0.32	0.29	0.04	39.04	12.5	17	0.40	39.9
4536	Soil	0.021	0.14	0.89	30.1	56	0.20	0.32	0.02	0.24	25.66	6.2	18	1.22	15.7
4537	Soil	0.011	0.08	0.96	20.4	42	0.15	0.29	0.01	0.17	22.59	4.5	14	1.10	10.9
4538	Soil	0.184	0.13	0.70	257.2	33	0.18	0.34	0.01	0.31	35.71	6.0	11	1.15	15.4
4539	Soil	0.008	0.13	0.92	18.6	26	0.19	0.45	0.02	0.15	29.84	6.7	13	1.29	31.6
4540	Soil	0.007	0.11	2.13	22.0	22	0.45	0.63	0.02	0.21	29.81	9.7	27	3.35	43.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4541	Soil	0.007	0.08	1.54	42.9	69	0.32	0.30	0.02	0.07	34.87	6.7	15	1.37	17.6
4542	Soil	<0.005	0.09	1.61	43.6	48	0.36	0.36	0.04	0.11	42.90	7.8	19	1.44	18.1
4543	Soil	<0.005	0.12	0.56	158.5	30	0.16	0.19	0.04	0.30	26.80	6.0	11	1.00	15.8
4544	Soil	0.080	0.10	1.20	42.3	39	0.28	0.31	0.07	0.20	28.04	8.5	25	1.39	17.0
4545	Soil	0.007	0.09	0.34	25.8	28	0.14	0.21	0.05	0.20	18.34	6.4	8	0.71	16.8
4546	Soil	0.008	0.11	0.98	15.6	25	0.13	0.42	0.02	0.13	17.68	2.1	17	1.55	21.8
4547	Soil	<0.005	0.11	1.20	20.3	41	0.18	0.34	0.03	0.10	33.33	5.5	18	0.88	14.6
4548	Soil	0.028	0.46	2.03	89.7	32	0.36	0.39	0.04	0.08	52.48	15.2	30	0.76	32.5
4549	Soil	0.013	0.28	1.21	130.6	36	0.41	0.42	0.18	0.52	28.96	13.0	20	1.40	29.4
4550	Soil	0.008	0.14	1.68	124.0	65	0.50	0.37	0.22	0.36	32.69	15.9	29	1.30	31.3
4551	Soil	0.014	0.16	1.89	84.6	34	0.60	0.37	0.04	0.16	49.30	12.6	27	1.40	31.1
4552	Soil	0.005	0.14	0.63	34.2	22	0.11	0.25	0.01	0.19	35.80	4.1	8	0.56	12.9
4553	Soil	0.008	0.24	1.41	54.0	61	0.41	0.27	0.04	0.23	27.79	7.6	15	0.89	15.7
4554	Soil	<0.005	0.07	0.57	136.3	27	0.14	0.28	0.06	0.30	25.20	7.6	21	0.44	17.5
4555	Soil	<0.005	0.10	1.17	31.4	42	0.31	0.82	0.06	0.09	12.10	5.0	17	1.81	42.0
4556	Soil	0.012	0.31	1.53	44.6	36	0.51	0.93	0.10	0.20	21.12	13.2	28	2.57	50.4
4557	Soil	0.029	0.16	0.97	66.1	27	0.53	0.82	0.06	0.08	28.99	9.2	17	2.31	58.9
4558	Soil	0.028	0.22	0.91	61.7	31	0.54	0.60	0.07	0.22	29.94	7.3	20	1.64	79.7
4559	Soil	0.012	0.26	0.97	49.0	42	0.56	0.40	0.19	0.26	19.94	7.0	27	1.13	57.8
4560	Soil	0.022	0.10	0.63	68.2	35	0.37	0.72	0.04	0.15	29.94	16.0	14	1.24	45.0
3843	Soil	0.007	0.04	1.12	77.3	24	0.29	0.32	0.02	0.11	29.86	8.1	17	0.56	20.1
3844	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3845	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3846	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3847	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3848	Soil	0.022	0.08	1.48	83.7	31	0.26	0.33	0.02	0.13	26.56	10.0	25	1.06	24.8
3849	Soil	0.018	0.09	1.01	142.7	35	0.20	0.36	0.01	0.19	30.24	8.4	16	1.08	25.6
3850	Soil	<0.005	0.09	0.79	22.0	50	0.20	0.30	0.04	0.32	26.78	5.5	19	0.94	17.0
3851	Soil	0.007	0.19	1.26	35.3	36	0.30	0.42	0.02	0.15	25.59	6.8	29	1.26	29.9
3852	Soil	0.009	0.11	1.33	19.8	29	0.20	0.57	0.05	0.11	14.78	1.2	22	2.43	16.3
3853	Soil	0.007	0.31	2.02	19.0	22	0.28	0.38	0.02	0.11	26.57	8.9	27	1.97	24.4
3854	Soil	0.016	0.35	1.22	75.6	44	0.54	0.32	0.04	0.27	30.10	15.2	19	1.62	49.3
3855	Soil	0.008	0.43	1.03	56.0	30	0.22	0.39	0.01	0.15	26.53	7.3	15	0.95	20.2
3856	Soil	<0.005	0.17	0.76	16.8	39	0.33	0.38	0.02	0.58	15.26	11.1	14	1.67	24.5
3857	Soil	0.045	0.20	1.01	253.3	33	0.42	0.33	0.20	0.62	15.95	12.5	23	4.53	30.9
3858	Soil	<0.005	0.13	2.00	9.8	19	0.37	0.49	0.04	0.14	22.52	9.6	31	1.87	21.9
2077	Soil	0.022	0.14	1.57	73.3	48	0.39	0.32	0.53	0.14	27.40	15.5	22	0.69	36.1
2078	Soil	0.019	0.09	1.66	67.6	43	0.41	0.32	0.52	0.17	27.75	12.8	28	0.61	34.5
2079	Soil	0.026	0.14	1.66	75.0	51	0.46	0.34	0.55	0.12	30.84	14.5	24	0.71	42.8
2080	Soil	0.017	0.23	1.52	86.0	61	0.65	0.37	0.72	0.13	27.46	13.4	19	1.13	45.5

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2081	Soil	0.013	0.12	1.28	52.7	50	0.39	0.26	0.38	0.08	23.19	10.1	15	0.82	23.5
3870	Soil	0.010	0.16	1.12	28.8	37	0.27	0.36	0.02	0.14	16.71	9.3	18	1.49	28.7
3871	Soil	0.007	0.07	0.53	52.3	17	0.26	0.31	0.01	0.12	18.95	12.2	14	0.90	31.4
3872	Soil	0.020	0.13	0.26	219.7	20	0.13	0.15	0.01	0.13	19.68	7.7	10	0.63	10.8
3873	Soil	0.075	0.29	0.85	264.6	27	0.17	0.27	0.01	0.11	31.01	7.8	13	1.37	17.6
3874	Soil	0.006	0.10	0.66	17.3	29	0.22	0.38	0.02	0.07	21.95	7.5	14	1.34	25.9
3875	Soil	0.023	0.20	1.76	65.4	50	0.61	0.48	0.04	0.09	26.94	16.0	19	2.03	51.4
3876	Soil	0.012	0.49	1.28	72.2	35	0.27	0.38	0.02	0.34	26.74	9.7	19	1.19	28.6
3877	Soil	0.014	0.21	0.55	239.2	39	0.17	0.25	0.05	0.85	23.12	6.4	10	0.60	15.6
3878	Soil	0.082	0.14	1.43	45.0	41	0.42	0.47	0.01	0.14	27.40	13.9	23	1.21	53.0
3879	Soil	0.042	0.24	1.32	69.1	45	0.33	0.31	0.06	0.10	20.92	13.0	19	0.93	36.8
3880	Soil	0.022	0.11	1.77	73.7	36	0.38	0.34	0.01	0.08	41.26	11.7	25	0.91	31.6
3881	Soil	0.017	0.13	1.62	58.4	37	0.30	0.31	0.02	0.11	40.51	9.9	22	0.86	27.6
3882	Soil	0.025	0.07	1.64	75.4	26	0.32	0.33	0.03	0.10	37.96	11.3	22	0.73	30.7
3883	Soil	0.030	0.13	1.74	68.6	42	0.37	0.41	0.12	0.10	40.83	14.9	24	0.83	41.6
3884	Soil	0.017	0.12	1.74	54.5	43	0.50	0.51	0.43	0.10	48.33	15.6	25	1.03	36.7
3885	Soil	0.023	0.13	1.70	60.4	45	0.43	0.35	0.63	0.11	39.78	14.8	25	0.76	40.4
3886	Soil	0.095	0.17	1.73	65.6	51	0.42	0.36	0.63	0.12	35.44	14.5	24	0.76	37.5
3887	Soil	0.020	0.14	1.53	68.6	43	0.40	0.32	0.61	0.13	21.15	12.9	22	0.61	34.5
3888	Soil	0.019	0.11	1.57	65.3	50	0.41	0.33	0.48	0.07	20.70	11.4	20	0.57	32.6
3889	Soil	0.021	0.13	1.61	70.5	50	0.43	0.32	0.51	0.12	30.97	13.8	23	0.76	37.9
3890	Soil	0.023	0.10	1.53	64.1	49	0.39	0.31	0.46	0.12	28.90	12.0	20	0.63	33.4
3891	Soil	0.015	0.07	1.51	78.7	40	0.33	0.37	0.20	0.20	30.51	11.8	22	0.87	29.4
3892	Soil	0.014	0.31	0.46	32.9	51	0.16	0.10	0.14	0.37	13.23	3.6	7	1.51	10.5
3893	Soil	0.047	0.22	0.30	17.2	48	0.10	0.10	0.61	0.75	8.13	3.4	6	0.96	10.8
3894	Soil	0.015	0.11	1.35	48.5	34	0.33	0.25	0.07	0.27	42.52	13.6	18	1.15	28.1
3895	Soil	0.017	0.15	1.68	53.6	37	0.41	0.33	0.11	0.06	46.41	13.2	23	0.63	32.4
3896	Soil	0.013	0.12	1.04	157.4	25	0.19	0.38	0.01	0.11	39.37	9.0	19	1.55	20.6
3897	Soil	0.014	0.06	0.59	66.3	29	0.20	0.20	0.02	0.08	32.16	9.9	13	0.61	16.6
3898	Soil	0.006	0.07	0.43	3.1	30	0.09	0.06	0.05	0.14	3.96	1.6	4	0.42	5.4
3899	Soil	0.006	0.23	<0.01	12.5	36	0.21	0.30	<0.01	0.08	26.28	5.7	<1	2.36	17.8
3900	Soil	0.005	0.09	<0.01	61.5	45	0.24	0.27	<0.01	0.17	32.92	8.3	<1	1.50	13.0
3901	Soil	0.014	0.23	0.35	27.2	25	0.09	0.10	0.03	0.12	11.96	2.5	4	0.82	9.2
3902	Soil	0.011	0.53	0.54	82.5	43	0.16	0.23	0.06	0.74	26.32	5.9	10	1.45	12.4
3903	Soil	0.010	0.46	0.76	22.2	58	0.20	0.23	0.02	0.31	51.26	8.8	10	1.97	15.6
3904	Soil	0.015	0.19	1.69	23.4	46	0.42	0.44	0.02	0.13	27.60	11.8	22	4.10	43.5
3905	Soil	0.006	0.15	0.90	63.0	31	0.21	0.32	0.01	0.15	39.06	5.6	12	0.83	15.6
3906	Soil	0.015	0.11	0.83	13.9	41	0.25	0.18	0.04	0.23	24.90	5.7	14	0.92	11.3
3907	Soil	0.010	0.23	1.51	30.6	35	0.38	0.60	0.01	0.12	37.59	6.9	30	2.41	47.4
3908	Soil	0.005	0.49	1.41	20.8	39	0.20	0.57	0.01	0.13	41.58	5.5	22	2.69	32.2

NS = No Sample

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3909	Soil	0.006	0.14	1.63	45.9	45	0.54	0.44	0.02	0.27	36.53	14.0	23	3.52	27.7
3800	Soil	0.044	0.17	0.56	118.4	49	0.24	0.43	0.03	0.15	29.34	7.3	13	2.19	27.3
3801	Soil	0.037	0.10	0.64	58.0	43	0.31	0.47	0.02	0.07	22.92	8.6	11	2.06	51.7
3802	Soil	0.005	0.20	<0.01	172.9	33	0.38	0.24	<0.01	0.20	26.60	14.6	<1	1.08	22.4
3803	Soil	0.118	0.39	0.88	1005.2	35	0.42	0.28	0.02	0.61	24.84	15.8	15	1.61	32.9
3804	Soil	0.131	0.25	0.39	315.1	30	0.18	0.27	0.02	0.12	45.34	10.0	6	1.95	19.7
3805	Soil	0.008	0.12	1.21	45.5	34	0.36	0.54	0.01	0.09	27.06	11.9	22	2.90	45.3
3806	Soil	0.110	0.09	1.62	68.9	35	0.33	0.42	0.02	0.18	52.02	12.3	22	1.79	26.4
3807	Soil	0.007	0.22	1.28	22.2	49	0.43	0.33	0.06	0.37	36.12	16.5	26	2.58	40.5
3808	Soil	0.005	0.27	1.67	30.5	47	0.29	0.34	0.06	0.20	39.00	10.4	22	1.80	25.3
3809	Soil	0.019	0.20	1.95	100.5	40	0.45	0.40	0.05	0.12	60.07	13.9	27	1.56	30.4
3810	Soil	0.010	0.22	1.56	34.5	35	0.43	0.68	0.13	0.14	32.56	11.3	24	2.04	54.3
3811	Soil	0.023	0.09	1.57	36.9	39	0.44	0.45	0.05	0.12	32.02	16.5	23	1.74	44.2
3812	Soil	0.035	0.16	1.45	133.5	54	0.49	0.43	0.08	0.10	35.70	15.4	21	2.18	39.2
3813	Soil	0.010	0.15	1.74	42.3	51	0.41	0.50	0.11	0.12	33.81	14.4	27	2.37	40.6
3814	Soil	0.024	0.16	<0.01	28.8	74	0.47	0.28	<0.01	0.09	21.94	10.6	<1	2.53	42.7
3815	Soil	0.016	0.14	1.22	41.6	47	0.34	0.55	0.47	0.09	40.72	9.2	20	1.60	40.1
3816	Soil	0.021	0.19	1.62	62.5	67	0.54	0.42	0.55	0.13	34.99	14.9	21	2.48	41.1
3817	Soil	0.014	0.17	1.37	37.1	86	0.48	0.34	0.78	0.17	17.30	10.8	19	1.82	35.2
3818	Soil	0.015	0.23	1.71	57.3	92	0.65	0.41	1.03	0.14	24.85	14.8	21	1.49	46.5
3819	Soil	0.035	0.42	1.43	68.7	42	0.37	0.31	0.45	0.12	29.75	12.0	20	0.70	32.5
3820	Soil	0.031	0.14	1.69	72.2	78	0.47	0.33	0.60	0.14	28.28	11.7	23	1.01	36.8
3821	Soil	0.016	0.22	1.43	59.9	72	0.48	0.27	0.91	0.18	25.19	10.4	18	0.91	32.4
3822	Soil	0.025	0.07	1.63	69.8	47	0.40	0.30	0.18	0.08	49.69	12.5	23	0.78	25.7
3823	Soil	0.028	0.11	1.75	105.6	45	0.46	0.35	0.38	0.08	46.37	14.0	24	0.77	34.0
3824	Soil	0.032	0.10	1.71	74.4	48	0.46	0.34	0.56	0.15	36.90	11.5	24	0.87	29.6
3825	Soil	0.035	0.14	1.42	94.9	69	0.47	0.27	1.17	0.18	22.86	9.2	20	0.84	29.8
3826	Soil	0.021	0.12	0.94	69.5	51	0.26	0.17	0.58	0.07	17.85	5.6	11	0.67	15.6
3827	Soil	0.015	0.15	1.53	104.6	76	0.62	0.31	0.80	0.18	33.70	11.8	19	1.09	31.1
3828	Soil	0.017	0.12	1.31	110.4	61	0.49	0.27	0.36	0.09	33.97	10.4	17	0.76	25.3
3829	Soil	0.015	0.12	1.52	109.7	55	0.47	0.32	0.47	0.12	37.15	12.5	19	0.83	22.5
3859	Soil	0.049	0.04	1.14	64.6	39	0.21	0.35	<0.01	0.10	55.00	8.0	18	1.34	19.4
3860	Soil	<0.005	0.12	0.52	3.4	72	0.14	0.17	0.10	0.38	25.83	5.4	13	1.05	8.6
3861	Soil	0.010	0.19	1.41	19.0	79	0.40	0.35	0.02	0.24	31.36	10.7	20	4.00	19.5
3862	Soil	0.006	0.17	0.96	46.6	52	0.27	0.32	0.06	0.35	30.72	7.5	14	1.93	19.1
3863	Soil	0.006	0.30	1.13	77.4	45	0.29	0.32	0.05	0.31	44.99	7.6	16	3.58	24.2
3864	Soil	<0.005	0.28	0.78	20.9	37	0.24	0.47	0.02	0.10	31.44	2.7	15	1.71	21.7
3865	Soil	0.013	0.19	1.48	65.8	41	0.64	0.31	0.01	0.05	52.74	13.0	20	0.86	27.8
3866	Soil	0.007	0.13	1.26	38.8	49	0.30	0.22	0.03	0.04	52.29	6.5	17	0.81	11.5
3867	Soil	<0.005	0.11	0.65	33.8	30	0.16	0.25	0.04	0.20	41.50	5.1	10	1.31	9.7

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
3868	Soil	0.046	0.06	1.40	34.9	57	0.44	0.25	0.05	0.07	61.60	7.7	17	0.74	14.2

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Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

Vol 7-125

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4501	Soil	3.43	4.53	<0.05	0.19	0.02	0.07	21.6	50.9	0.66	569	0.85	<0.01	0.42	35.0
4502	Soil	3.51	4.65	<0.05	0.15	0.02	0.08	28.5	43.9	0.58	556	1.02	<0.01	0.48	37.5
4503	Soil	3.21	3.26	<0.05	0.15	0.02	0.11	24.4	28.0	0.36	506	0.66	0.01	0.16	29.8
4504	Soil	3.52	3.54	<0.05	0.11	0.03	0.10	29.1	29.5	0.37	509	0.72	0.01	0.25	33.3
4505	Soil	2.83	3.54	<0.05	0.11	0.02	0.08	22.8	26.0	0.30	344	0.55	0.02	0.31	28.1
4506	Soil	3.44	3.94	<0.05	0.10	0.03	0.10	32.0	31.2	0.37	585	0.56	0.01	0.24	34.0
4507	Soil	3.28	3.72	<0.05	0.08	0.03	0.09	32.4	27.8	0.35	383	0.60	0.01	0.26	32.4
4508	Soil	3.11	3.11	<0.05	0.14	0.03	0.09	22.1	24.1	0.30	573	0.69	0.01	0.29	27.0
4509	Soil	2.93	2.79	<0.05	0.14	0.02	0.06	21.2	24.5	0.30	586	1.05	<0.01	0.24	28.4
4510	Soil	2.85	2.94	<0.05	0.12	0.02	0.08	17.8	24.0	0.32	441	0.54	0.01	0.24	27.8
4511	Soil	1.43	1.60	<0.05	0.12	0.01	0.04	7.0	11.8	0.16	252	0.60	0.02	0.27	15.1
4512	Soil	2.10	2.49	<0.05	0.13	0.02	0.07	13.1	20.3	0.27	498	0.63	0.02	0.32	21.5
4513	Soil	2.72	2.91	<0.05	0.15	0.02	0.08	17.2	25.2	0.32	317	0.50	0.01	0.36	25.4
4514	Soil	2.91	3.45	<0.05	0.15	0.02	0.09	21.6	27.7	0.33	558	0.49	0.01	0.33	28.6
4515	Soil	3.03	3.38	<0.05	0.13	0.02	0.08	25.9	28.9	0.33	416	0.47	0.01	0.34	27.3
4516	Soil	3.00	3.62	<0.05	0.13	0.03	0.09	18.2	29.7	0.39	428	0.63	0.01	0.41	32.1
4517	Soil	3.08	4.02	<0.05	0.10	0.03	0.07	25.1	39.2	0.43	420	0.57	<0.01	0.46	28.6
4518	Soil	3.37	4.19	<0.05	0.12	0.03	0.07	24.6	36.2	0.43	415	0.60	<0.01	0.26	30.5
4519	Soil	2.95	3.27	<0.05	2.45	0.02	0.05	18.3	28.8	0.35	408	0.52	<0.01	0.41	26.2
4520	Soil	3.35	4.49	<0.05	0.24	0.03	0.08	33.5	38.7	0.47	368	0.55	0.01	0.37	30.8
4521	Soil	3.22	3.85	<0.05	0.16	0.03	0.07	40.7	35.0	0.40	325	0.50	<0.01	0.28	28.6
4522	Soil	2.90	5.40	<0.05	0.13	0.02	0.04	37.6	45.8	0.42	239	0.61	<0.01	0.84	17.3
4523	Soil	3.27	4.64	<0.05	0.11	0.03	0.06	36.5	36.0	0.42	326	0.51	<0.01	0.66	23.6
4524	Soil	2.76	3.19	<0.05	0.10	0.02	0.04	30.0	21.5	0.25	319	0.58	<0.01	0.34	17.1
4525	Soil	2.98	4.29	<0.05	0.17	0.03	0.05	31.1	38.0	0.36	284	0.59	0.01	0.50	22.0
4526	Soil	3.28	4.21	<0.05	0.11	0.03	0.06	37.8	41.0	0.43	414	0.67	<0.01	0.36	30.1
4527	Soil	3.11	3.96	<0.05	0.13	0.02	0.07	26.9	42.1	0.47	470	0.42	<0.01	0.35	28.0
4528	Soil	3.09	3.87	<0.05	0.12	0.03	0.05	27.0	39.8	0.41	462	0.51	<0.01	0.41	26.4
4529	Soil	2.57	4.00	<0.05	0.23	0.02	0.08	21.9	34.7	0.40	490	0.56	0.02	0.58	24.5
4530	Soil	3.02	3.94	<0.05	0.18	0.02	0.06	21.0	38.8	0.50	385	0.57	0.01	0.34	29.5
4531	Soil	4.36	6.86	0.05	0.13	0.07	0.04	45.4	77.5	0.69	763	0.62	<0.01	0.53	36.5
4532	Soil	3.49	5.01	<0.05	0.16	0.04	0.04	26.8	56.4	0.65	491	0.72	0.01	0.79	36.1
4533	Soil	2.97	2.91	<0.05	0.11	0.03	0.03	27.3	32.4	0.42	365	0.57	0.01	0.27	27.8
4534	Soil	2.96	3.77	<0.05	0.11	0.02	0.06	22.9	37.7	0.45	431	0.51	0.01	0.46	26.8
4535	Soil	3.06	3.74	<0.05	0.16	0.03	0.04	20.0	39.8	0.44	435	0.51	<0.01	0.32	31.3
4536	Soil	3.06	5.27	<0.05	0.03	0.01	0.03	14.0	14.5	0.17	349	1.49	<0.01	0.76	15.1
4537	Soil	2.70	5.15	<0.05	0.03	0.01	0.02	12.1	15.6	0.17	213	0.75	<0.01	0.74	10.1
4538	Soil	2.93	5.05	<0.05	<0.02	0.01	0.03	18.6	6.9	0.08	231	1.09	<0.01	0.86	14.4
4539	Soil	3.28	5.10	<0.05	<0.02	0.02	0.02	17.0	12.9	0.18	131	1.06	<0.01	0.78	15.1
4540	Soil	4.30	6.24	<0.05	0.11	0.03	0.03	17.9	53.9	0.73	296	1.14	<0.01	0.13	38.6

NS = No Sample

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Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4541	Soil	2.96	5.84	<0.05	0.07	0.02	0.03	17.9	23.5	0.22	210	0.94	0.01	0.98	14.4
4542	Soil	3.19	6.22	<0.05	0.04	0.02	0.04	22.1	32.1	0.33	271	0.98	<0.01	1.30	17.4
4543	Soil	2.33	3.58	<0.05	<0.02	0.02	0.03	13.4	6.6	0.07	193	1.07	0.01	0.45	14.8
4544	Soil	3.23	5.11	<0.05	0.02	0.02	0.03	14.2	28.0	0.36	281	1.88	<0.01	0.93	24.3
4545	Soil	1.85	2.66	<0.05	0.02	0.01	0.02	9.4	3.6	0.04	106	0.98	<0.01	0.25	12.9
4546	Soil	2.68	4.78	<0.05	0.08	0.01	0.02	10.5	20.8	0.30	126	1.22	0.01	0.44	13.9
4547	Soil	2.83	6.87	<0.05	0.02	0.01	0.03	18.4	23.5	0.33	210	1.08	<0.01	1.24	16.5
4548	Soil	3.79	5.74	<0.05	0.05	0.02	0.03	28.3	60.6	0.83	574	0.76	<0.01	0.14	39.7
4549	Soil	3.49	4.94	<0.05	0.05	0.02	0.04	15.2	31.5	0.40	397	1.00	<0.01	0.53	26.6
4550	Soil	3.51	5.05	<0.05	0.09	0.03	0.05	16.9	67.0	0.59	456	1.62	0.01	0.51	38.2
4551	Soil	3.97	5.60	<0.05	0.04	0.03	0.04	25.8	52.3	0.60	368	0.98	<0.01	0.39	35.5
4552	Soil	2.06	3.94	<0.05	<0.02	0.01	0.01	18.1	7.2	0.07	152	0.67	<0.01	0.74	8.0
4553	Soil	2.62	4.28	<0.05	2.34	0.02	0.03	13.9	22.4	0.26	355	0.95	<0.01	0.84	19.1
4554	Soil	2.93	3.67	<0.05	0.55	0.01	0.02	13.3	8.7	0.11	218	2.37	<0.01	0.51	23.9
4555	Soil	3.52	4.71	<0.05	0.43	0.02	0.08	6.8	24.9	0.33	189	1.41	<0.01	0.40	16.5
4556	Soil	4.49	4.67	<0.05	0.12	0.04	0.04	12.1	38.0	0.46	386	2.35	<0.01	0.23	37.9
4557	Soil	4.33	3.16	<0.05	0.15	0.03	0.05	16.5	18.0	0.20	199	2.13	<0.01	0.18	27.6
4558	Soil	4.92	3.11	<0.05	0.11	0.05	0.05	16.3	10.1	0.10	152	1.90	<0.01	0.17	18.5
4559	Soil	3.79	2.45	<0.05	0.17	0.03	0.04	10.4	5.3	0.06	172	3.40	<0.01	0.15	26.5
4560	Soil	3.82	2.29	<0.05	0.09	0.03	0.04	16.9	9.6	0.11	451	1.85	<0.01	0.10	33.7
3843	Soil	3.40	3.57	<0.05	0.09	0.02	0.03	15.0	24.7	0.32	274	0.82	<0.01	0.47	21.1
3844	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3845	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3846	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3847	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3848	Soil	3.70	4.31	<0.05	0.06	0.02	0.03	14.2	31.2	0.42	314	1.32	<0.01	0.62	28.1
3849	Soil	3.77	5.58	<0.05	0.15	0.02	0.02	16.2	14.1	0.15	366	0.88	<0.01	0.69	15.8
3850	Soil	2.34	4.18	<0.05	0.08	0.02	0.02	12.9	4.6	0.08	278	1.93	<0.01	0.44	16.5
3851	Soil	4.27	5.72	<0.05	0.04	0.03	0.03	14.1	25.6	0.31	211	2.30	<0.01	0.74	26.1
3852	Soil	3.60	4.71	<0.05	0.09	0.01	0.03	9.8	32.2	0.50	189	1.52	<0.01	0.16	18.5
3853	Soil	3.98	5.51	<0.05	0.07	0.02	0.02	15.4	47.0	0.65	350	0.89	<0.01	0.39	29.9
3854	Soil	3.09	5.11	<0.05	0.03	0.02	0.03	15.4	20.2	0.25	500	1.30	<0.01	0.69	23.7
3855	Soil	2.89	5.07	<0.05	0.04	0.02	0.02	13.5	18.9	0.27	337	0.87	<0.01	1.05	15.4
3856	Soil	2.44	4.15	<0.05	0.04	0.02	0.02	8.7	8.0	0.08	615	1.00	<0.01	0.49	13.8
3857	Soil	3.02	3.31	<0.05	0.10	0.03	0.04	8.8	24.6	0.28	330	1.71	<0.01	0.38	29.4
3858	Soil	4.13	5.82	0.05	0.09	0.02	0.02	14.3	51.6	0.75	403	0.91	<0.01	0.22	34.7
2077	Soil	3.33	4.59	<0.05	0.19	0.02	0.05	14.4	43.6	0.57	716	0.61	<0.01	0.37	33.1
2078	Soil	3.47	4.30	<0.05	0.19	0.02	0.05	14.6	41.1	0.62	512	1.20	<0.01	0.35	33.4
2079	Soil	3.42	4.54	<0.05	0.19	0.02	0.05	15.9	42.2	0.59	646	0.77	<0.01	0.36	35.5
2080	Soil	3.23	3.80	<0.05	0.23	0.03	0.06	13.7	35.5	0.43	491	0.53	<0.01	0.42	30.4

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Vol 7-127

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2081	Soil	2.73	3.37	<0.05	0.13	0.02	0.05	11.3	28.3	0.37	435	0.47	0.01	0.38	21.0
3870	Soil	3.25	3.83	<0.05	0.03	0.02	0.03	8.9	16.2	0.24	348	0.62	<0.01	0.47	18.8
3871	Soil	2.74	2.07	<0.05	<0.02	0.02	0.03	9.9	7.9	0.12	471	0.75	<0.01	0.22	25.9
3872	Soil	2.32	2.17	<0.05	0.06	0.02	0.02	9.2	1.5	0.02	249	0.81	<0.01	0.34	14.9
3873	Soil	2.68	3.52	<0.05	0.03	0.02	0.02	15.8	11.8	0.17	258	0.69	<0.01	0.33	17.2
3874	Soil	2.65	3.22	<0.05	<0.02	0.02	0.03	12.8	14.4	0.18	196	0.97	<0.01	0.33	16.3
3875	Soil	3.87	3.53	<0.05	0.05	0.03	0.04	13.1	40.7	0.26	454	1.21	<0.01	0.33	35.2
3876	Soil	3.51	5.18	0.06	<0.02	0.02	0.03	15.1	25.7	0.32	320	0.99	<0.01	0.60	22.9
3877	Soil	2.38	3.28	<0.05	<0.02	0.01	0.03	11.7	6.2	0.09	310	0.77	<0.01	0.10	14.5
3878	Soil	4.05	3.96	<0.05	0.04	0.02	0.03	15.5	36.0	0.44	334	0.93	<0.01	0.10	33.6
3879	Soil	3.18	3.74	<0.05	2.54	0.02	0.03	11.7	33.5	0.45	328	0.63	<0.01	0.22	31.6
3880	Soil	3.76	4.90	0.06	0.34	0.02	0.03	21.4	48.1	0.62	441	0.57	<0.01	0.18	32.6
3881	Soil	3.42	4.96	0.06	0.31	0.02	0.03	21.5	39.8	0.54	325	0.57	<0.01	0.27	27.7
3882	Soil	3.63	4.25	0.06	0.20	0.02	0.03	20.7	41.2	0.58	375	0.57	<0.01	0.25	29.4
3883	Soil	3.82	4.59	<0.05	0.20	0.02	0.04	22.1	47.6	0.64	546	0.70	<0.01	0.28	36.0
3884	Soil	3.49	5.16	0.06	0.15	0.02	0.07	24.7	45.3	0.72	664	0.58	0.01	0.91	32.6
3885	Soil	3.66	4.79	<0.05	0.34	0.02	0.05	20.2	47.8	0.66	577	0.69	<0.01	0.45	36.3
3886	Soil	3.59	4.84	<0.05	0.24	0.02	0.05	18.5	46.6	0.65	574	0.65	<0.01	0.39	35.4
3887	Soil	3.12	4.30	<0.05	0.27	0.02	0.05	11.0	41.0	0.57	478	0.72	<0.01	0.30	32.2
3888	Soil	3.15	4.25	<0.05	0.28	0.02	0.04	11.0	40.1	0.55	390	0.54	<0.01	0.33	29.7
3889	Soil	3.32	4.75	0.05	0.46	0.02	0.05	15.5	45.1	0.59	538	0.66	<0.01	0.40	34.0
3890	Soil	3.14	4.10	<0.05	0.25	0.02	0.05	14.9	37.9	0.53	505	0.56	<0.01	0.38	29.8
3891	Soil	3.42	4.65	<0.05	0.21	0.02	0.05	15.3	37.7	0.49	444	0.69	<0.01	0.41	28.8
3892	Soil	0.99	2.11	<0.05	0.09	<0.01	0.03	6.7	6.4	0.06	233	0.53	0.01	0.29	7.5
3893	Soil	0.89	1.44	<0.05	0.17	<0.01	0.05	4.0	4.0	0.11	548	0.46	0.01	0.30	7.4
3894	Soil	2.79	4.37	<0.05	0.06	0.02	0.04	21.2	31.9	0.39	290	0.60	<0.01	0.47	27.6
3895	Soil	3.51	4.85	0.05	0.15	0.02	0.04	23.2	45.5	0.64	410	0.59	<0.01	0.32	32.6
3896	Soil	3.58	5.43	<0.05	<0.02	0.02	0.03	20.0	17.1	0.27	347	1.09	<0.01	1.15	21.0
3897	Soil	3.14	2.15	<0.05	<0.02	0.01	0.02	15.8	5.6	0.09	545	0.77	<0.01	0.20	19.8
3898	Soil	0.59	2.31	<0.05	0.06	<0.01	0.02	2.0	0.6	0.02	185	0.57	0.02	0.15	3.4
3899	Soil	<0.01	5.48	<0.05	0.03	0.01	<0.01	14.2	29.4	<0.01	<1	0.82	<0.01	0.52	16.2
3900	Soil	<0.01	5.03	<0.05	<0.02	0.02	<0.01	16.5	9.3	<0.01	<1	0.97	<0.01	0.68	14.0
3901	Soil	0.84	2.23	<0.05	0.03	<0.01	0.02	6.1	1.0	0.02	87	0.49	0.02	0.19	4.2
3902	Soil	1.86	3.03	<0.05	<0.02	0.02	0.04	13.6	5.6	0.08	292	0.66	0.01	0.25	12.1
3903	Soil	2.25	3.18	<0.05	<0.02	0.02	0.04	24.9	7.7	0.11	716	0.73	<0.01	0.33	13.1
3904	Soil	4.08	6.31	<0.05	0.05	0.02	0.04	16.5	40.8	0.47	436	0.92	<0.01	0.38	23.9
3905	Soil	2.80	6.05	0.06	<0.02	0.02	0.03	20.1	10.1	0.14	140	0.82	<0.01	0.96	12.3
3906	Soil	2.14	4.20	<0.05	0.08	0.01	0.03	12.1	12.1	0.11	278	0.79	0.01	0.51	10.8
3907	Soil	4.63	5.92	0.07	0.05	0.03	0.03	21.4	36.2	0.43	220	1.55	<0.01	0.76	20.2
3908	Soil	3.60	5.86	0.08	0.05	0.03	0.04	22.5	31.6	0.33	186	1.61	<0.01	0.62	15.5

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Northern Tiger Resources
#220 17010 103rd Ave
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Vol 7-128

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3909	Soil	4.21	6.45	0.06	0.07	0.02	0.04	19.8	39.3	0.39	359	1.08	<0.01	0.54	24.9
3800	Soil	3.05	3.39	0.06	<0.02	0.02	0.04	16.0	3.6	0.06	199	1.21	<0.01	0.30	16.7
3801	Soil	3.08	2.45	0.07	<0.02	0.02	0.03	12.9	4.2	0.05	211	0.99	<0.01	0.33	21.5
3802	Soil	<0.01	3.14	<0.05	0.02	0.02	<0.01	13.0	10.7	<0.01	<1	2.19	<0.01	0.49	26.9
3803	Soil	4.11	3.45	0.06	2.55	0.04	0.03	12.5	10.8	0.14	239	0.91	<0.01	0.49	40.4
3804	Soil	2.23	2.84	0.05	0.52	0.02	0.03	23.1	1.3	0.02	293	0.80	<0.01	0.39	20.9
3805	Soil	3.94	4.73	0.06	0.29	0.03	0.03	16.5	23.6	0.31	342	1.87	<0.01	0.26	21.2
3806	Soil	3.56	5.10	0.08	0.17	0.02	0.05	27.1	37.0	0.46	364	0.94	<0.01	0.51	28.3
3807	Soil	3.08	4.14	0.05	0.13	0.02	0.04	19.8	28.9	0.35	941	0.74	<0.01	0.24	29.0
3808	Soil	3.65	5.83	0.06	0.12	0.02	0.04	21.7	35.8	0.45	570	0.68	0.01	0.51	23.2
3809	Soil	4.11	6.36	0.08	0.09	0.03	0.04	32.4	51.2	0.62	436	0.79	<0.01	0.44	36.4
3810	Soil	3.83	4.83	0.06	0.11	0.03	0.05	18.5	35.9	0.49	378	1.43	<0.01	0.20	32.1
3811	Soil	3.93	4.17	0.06	0.17	0.02	0.03	17.3	42.3	0.59	1269	1.30	<0.01	0.17	38.5
3812	Soil	3.52	3.95	0.05	0.19	0.03	0.03	19.4	39.9	0.49	835	0.93	<0.01	0.18	36.5
3813	Soil	4.14	4.84	0.06	0.31	0.03	0.04	18.0	48.7	0.56	530	1.24	<0.01	0.31	35.4
3814	Soil	<0.01	3.82	0.06	0.25	0.02	<0.01	11.7	30.6	<0.01	<1	1.59	<0.01	0.56	104.0
3815	Soil	3.41	4.15	0.07	0.18	0.02	0.04	22.1	35.5	0.47	303	2.01	<0.01	0.22	24.8
3816	Soil	3.57	4.52	0.06	0.23	0.03	0.05	18.2	48.4	0.53	440	0.99	0.01	0.38	37.6
3817	Soil	2.57	3.86	<0.05	0.33	0.02	0.05	9.4	31.6	0.39	309	1.00	0.01	0.51	27.0
3818	Soil	3.14	4.49	<0.05	0.37	0.03	0.07	13.0	41.9	0.49	761	0.83	0.01	0.47	32.7
3819	Soil	3.19	4.18	0.05	0.25	0.02	0.04	15.6	42.1	0.55	451	0.66	<0.01	0.33	31.8
3820	Soil	3.29	4.94	<0.05	0.28	0.02	0.06	14.9	45.1	0.58	426	0.77	<0.01	0.44	34.9
3821	Soil	2.78	4.26	<0.05	0.21	0.02	0.06	12.9	37.6	0.46	421	0.62	0.01	0.47	29.4
3822	Soil	3.48	4.99	0.05	0.10	0.02	0.05	25.7	45.0	0.59	441	0.57	<0.01	0.36	32.1
3823	Soil	3.74	5.23	0.05	0.17	0.02	0.05	24.2	50.2	0.66	504	0.61	<0.01	0.41	35.9
3824	Soil	3.38	4.85	0.05	0.24	0.02	0.07	18.9	46.9	0.62	435	0.83	<0.01	0.66	34.0
3825	Soil	2.76	4.13	<0.05	0.23	0.02	0.05	12.1	38.7	0.46	376	0.86	0.01	0.44	27.9
3826	Soil	1.82	2.91	<0.05	0.08	0.01	0.05	9.1	23.0	0.25	181	0.48	0.02	0.36	16.1
3827	Soil	3.10	4.28	<0.05	0.24	0.03	0.07	17.7	38.5	0.44	503	0.69	0.01	0.45	32.1
3828	Soil	2.81	4.12	<0.05	0.12	0.02	0.05	17.4	34.7	0.41	395	0.50	<0.01	0.29	26.6
3829	Soil	3.16	4.70	<0.05	0.18	0.02	0.06	18.2	46.4	0.53	555	0.50	<0.01	0.40	30.1
3859	Soil	3.74	5.65	0.06	0.08	0.02	0.04	28.3	22.2	0.25	255	0.70	<0.01	0.67	20.4
3860	Soil	1.58	3.45	<0.05	0.04	<0.01	0.04	12.7	2.3	0.03	650	1.28	0.01	0.37	12.6
3861	Soil	3.32	6.90	<0.05	0.04	0.02	0.04	17.2	31.5	0.30	533	0.82	0.01	0.71	20.0
3862	Soil	2.74	5.30	0.05	<0.02	0.02	0.05	16.8	18.9	0.19	249	0.89	<0.01	0.74	18.5
3863	Soil	3.09	6.70	<0.05	0.03	0.02	0.04	25.1	21.4	0.26	199	0.81	<0.01	1.05	18.9
3864	Soil	2.87	4.98	<0.05	0.03	0.02	0.04	19.1	11.5	0.12	93	1.77	0.01	0.55	8.1
3865	Soil	3.18	4.27	0.06	0.12	0.02	0.04	27.3	43.2	0.45	253	0.61	<0.01	0.25	34.0
3866	Soil	2.52	4.85	0.05	2.79	0.02	0.03	28.0	33.3	0.35	201	0.62	<0.01	0.57	18.8
3867	Soil	2.22	4.42	0.06	0.80	0.01	0.03	21.9	10.8	0.12	164	0.66	<0.01	0.69	11.4

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
3868	Soil	3.10	5.32	0.07	0.26	0.02	0.05	31.5	31.7	0.34	249	0.60	<0.01	0.84	21.1

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4501	Soil	546	34.1	4.8	<0.01	<0.01	0.79	2.9	<0.2	0.2	28.6	0.02	0.07	12.0	<0.005
4502	Soil	496	26.3	6.0	<0.01	<0.01	1.56	3.7	<0.2	0.3	38.2	0.02	0.07	14.3	<0.005
4503	Soil	560	24.8	5.5	<0.01	<0.01	1.21	3.6	<0.2	0.2	177.8	0.01	0.05	13.8	<0.005
4504	Soil	520	26.5	5.6	<0.01	<0.01	1.24	3.8	<0.2	0.2	100.2	<0.01	0.03	14.0	<0.005
4505	Soil	523	22.2	4.9	<0.01	<0.01	1.07	3.1	<0.2	0.2	61.8	<0.01	0.03	8.6	<0.005
4506	Soil	563	27.3	6.4	<0.01	<0.01	1.21	4.1	<0.2	0.2	57.3	<0.01	0.05	13.0	<0.005
4507	Soil	524	24.6	5.8	<0.01	<0.01	1.11	3.7	0.3	0.2	46.9	<0.01	0.04	13.6	<0.005
4508	Soil	567	23.0	5.0	<0.01	0.01	1.02	3.2	<0.2	0.2	69.6	<0.01	0.02	7.8	<0.005
4509	Soil	589	27.6	3.4	<0.01	0.03	1.09	2.9	<0.2	<0.2	49.7	<0.01	0.04	9.5	<0.005
4510	Soil	500	21.3	4.3	<0.01	<0.01	1.14	2.9	<0.2	<0.2	83.4	<0.01	0.03	8.7	<0.005
4511	Soil	473	10.4	2.4	<0.01	0.03	0.59	1.0	0.2	<0.2	95.7	0.03	0.02	1.7	<0.005
4512	Soil	494	16.1	4.6	<0.01	0.03	0.68	1.8	<0.2	<0.2	89.7	0.01	0.03	3.7	<0.005
4513	Soil	538	19.6	5.2	<0.01	0.03	0.90	2.5	<0.2	<0.2	85.5	<0.01	0.02	6.2	<0.005
4514	Soil	451	23.0	5.9	<0.01	0.02	1.01	3.0	<0.2	<0.2	74.2	<0.01	0.03	9.0	<0.005
4515	Soil	401	23.5	5.3	<0.01	0.02	1.01	3.0	<0.2	0.2	56.7	<0.01	0.03	9.7	<0.005
4516	Soil	585	23.0	5.8	<0.01	0.04	1.08	2.2	0.5	0.2	96.1	<0.01	0.05	3.9	<0.005
4517	Soil	366	22.7	5.6	<0.01	0.01	0.90	2.7	<0.2	0.2	45.4	<0.01	0.03	7.8	<0.005
4518	Soil	307	25.7	6.0	<0.01	<0.01	1.14	3.5	<0.2	0.2	51.6	<0.01	0.04	12.1	<0.005
4519	Soil	519	23.4	4.1	<0.01	0.02	0.95	2.8	0.3	0.2	45.7	0.01	0.06	7.4	<0.005
4520	Soil	294	23.0	7.3	<0.01	<0.01	1.15	2.8	<0.2	0.2	25.6	<0.01	0.03	13.5	<0.005
4521	Soil	205	21.7	7.2	<0.01	<0.01	0.81	3.6	<0.2	0.2	11.5	<0.01	0.02	16.6	<0.005
4522	Soil	141	16.3	7.5	<0.01	<0.01	0.51	1.9	<0.2	0.5	10.6	<0.01	0.03	12.1	0.006
4523	Soil	229	19.7	6.0	<0.01	<0.01	0.64	2.5	<0.2	0.3	12.9	<0.01	0.06	13.6	<0.005
4524	Soil	303	19.4	7.4	<0.01	<0.01	1.03	1.6	<0.2	0.2	20.0	<0.01	0.05	8.9	<0.005
4525	Soil	195	23.1	6.4	<0.01	<0.01	0.56	1.9	<0.2	0.3	23.1	<0.01	0.03	12.8	<0.005
4526	Soil	281	25.7	7.1	<0.01	<0.01	0.72	4.0	<0.2	0.3	20.4	<0.01	0.04	14.2	<0.005
4527	Soil	424	22.6	5.5	<0.01	<0.01	0.57	3.5	<0.2	<0.2	66.7	<0.01	0.04	12.5	<0.005
4528	Soil	291	21.0	5.3	<0.01	<0.01	0.54	2.9	<0.2	<0.2	29.1	<0.01	0.04	10.4	<0.005
4529	Soil	553	16.6	7.0	<0.01	0.02	0.50	2.2	<0.2	0.2	66.9	<0.01	0.03	5.3	0.005
4530	Soil	559	23.5	5.0	<0.01	0.03	0.71	2.5	<0.2	<0.2	52.8	<0.01	0.05	9.5	<0.005
4531	Soil	1924	45.4	5.3	<0.01	<0.01	0.48	5.4	<0.2	0.3	45.1	<0.01	0.05	16.3	<0.005
4532	Soil	945	29.6	5.2	<0.01	0.05	0.69	4.0	0.6	0.3	89.5	0.01	0.05	4.2	0.012
4533	Soil	656	29.6	3.8	<0.01	<0.01	0.39	3.3	<0.2	<0.2	191.7	<0.01	0.03	9.4	<0.005
4534	Soil	879	21.2	6.0	<0.01	0.03	0.59	2.9	0.3	0.2	77.0	<0.01	0.02	5.5	<0.005
4535	Soil	470	23.2	3.6	<0.01	<0.01	0.66	4.2	<0.2	<0.2	32.9	<0.01	0.03	10.8	<0.005
4536	Soil	603	18.1	6.4	<0.01	0.01	0.59	0.5	<0.2	0.4	4.8	<0.01	0.07	1.6	0.007
4537	Soil	466	14.2	4.8	<0.01	0.01	0.42	0.5	<0.2	0.4	3.3	<0.01	0.05	1.6	0.006
4538	Soil	545	22.3	5.2	<0.01	0.01	1.04	0.8	<0.2	0.4	4.7	<0.01	0.05	4.5	0.010
4539	Soil	482	19.3	4.4	<0.01	0.01	0.97	0.8	<0.2	0.4	4.8	<0.01	0.15	5.4	0.009
4540	Soil	404	49.2	4.2	<0.01	0.02	1.25	1.2	<0.2	<0.2	8.3	<0.01	0.16	10.5	<0.005

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4541	Soil	328	26.6	7.5	<0.01	0.01	0.59	1.3	0.2	0.4	5.2	<0.01	0.09	7.8	0.005
4542	Soil	337	27.1	7.7	<0.01	0.01	0.60	1.6	<0.2	0.5	7.6	<0.01	0.08	9.1	0.010
4543	Soil	357	17.7	5.5	<0.01	0.01	0.55	0.4	<0.2	0.4	6.0	<0.01	0.04	1.0	0.007
4544	Soil	327	25.1	6.4	<0.01	0.01	0.60	1.0	<0.2	0.5	7.9	<0.01	0.05	3.2	0.009
4545	Soil	288	10.5	2.6	<0.01	0.01	0.57	0.3	<0.2	<0.2	6.5	<0.01	0.04	0.7	<0.005
4546	Soil	409	23.5	3.0	<0.01	0.02	0.69	0.4	<0.2	0.2	5.7	<0.01	0.11	1.5	0.005
4547	Soil	297	23.1	4.4	<0.01	0.01	0.45	0.9	<0.2	0.5	6.7	0.01	0.08	2.6	0.013
4548	Soil	239	29.2	3.3	<0.01	<0.01	0.74	1.9	<0.2	<0.2	7.0	<0.01	0.09	10.5	<0.005
4549	Soil	603	37.0	8.6	<0.01	0.02	0.94	1.2	<0.2	0.3	18.3	<0.01	0.12	3.6	0.006
4550	Soil	365	37.1	10.5	<0.01	0.02	0.81	1.8	<0.2	0.3	20.3	<0.01	0.09	6.8	0.005
4551	Soil	363	42.0	6.5	<0.01	<0.01	0.82	1.7	<0.2	0.2	7.5	<0.01	0.09	10.6	<0.005
4552	Soil	262	13.1	3.6	<0.01	<0.01	0.48	0.7	<0.2	0.4	3.2	<0.01	0.02	4.8	0.006
4553	Soil	383	21.1	7.1	<0.01	0.01	0.58	1.3	<0.2	0.4	7.7	0.01	0.06	5.5	0.005
4554	Soil	281	14.0	2.7	<0.01	0.01	0.76	0.9	<0.2	0.3	6.3	<0.01	0.07	5.6	<0.005
4555	Soil	694	40.5	6.9	<0.01	0.02	1.35	0.9	<0.2	0.2	27.5	<0.01	0.21	10.1	0.005
4556	Soil	750	56.6	5.9	<0.01	0.04	2.31	1.2	<0.2	0.2	26.6	<0.01	0.27	10.3	<0.005
4557	Soil	588	48.2	6.0	<0.01	0.04	4.91	1.2	<0.2	0.2	19.0	<0.01	0.30	10.5	<0.005
4558	Soil	636	37.1	5.1	<0.01	0.03	4.52	1.1	<0.2	0.2	15.2	<0.01	0.22	9.8	<0.005
4559	Soil	696	28.0	2.9	<0.01	0.06	2.56	1.5	<0.2	<0.2	18.3	<0.01	0.19	11.2	<0.005
4560	Soil	475	25.2	4.3	<0.01	0.02	4.65	1.3	<0.2	<0.2	16.6	<0.01	0.27	6.6	<0.005
3843	Soil	401	24.2	4.0	<0.01	<0.01	0.84	1.2	<0.2	0.2	4.9	<0.01	0.07	6.6	<0.005
3844	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3845	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3846	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3847	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3848	Soil	366	24.9	4.5	<0.01	0.02	0.95	1.2	<0.2	0.3	4.6	<0.01	0.08	6.0	0.006
3849	Soil	578	37.4	5.0	<0.01	0.02	1.08	0.8	<0.2	0.4	5.1	<0.01	0.08	3.3	<0.005
3850	Soil	474	27.6	3.9	<0.01	0.01	0.49	0.3	<0.2	0.6	6.9	<0.01	0.04	0.4	0.006
3851	Soil	562	24.5	5.2	<0.01	0.02	1.18	0.9	<0.2	0.4	7.5	<0.01	0.15	4.2	0.006
3852	Soil	492	31.5	3.7	<0.01	0.02	4.28	0.7	<0.2	<0.2	6.5	<0.01	0.15	3.9	<0.005
3853	Soil	607	20.3	3.5	<0.01	0.01	0.42	1.1	<0.2	0.2	4.1	<0.01	0.08	6.8	0.006
3854	Soil	784	31.2	6.1	<0.01	0.02	0.78	0.8	<0.2	0.4	7.1	<0.01	0.06	2.2	0.006
3855	Soil	528	25.3	4.8	<0.01	0.01	0.69	0.9	<0.2	0.5	5.0	<0.01	0.04	4.0	0.012
3856	Soil	731	41.8	6.5	<0.01	0.01	0.45	0.4	<0.2	0.3	4.4	<0.01	0.07	1.4	<0.005
3857	Soil	490	54.7	7.2	<0.01	0.02	0.87	1.0	<0.2	0.3	17.3	<0.01	0.07	3.7	<0.005
3858	Soil	502	42.1	2.8	<0.01	0.02	0.36	1.3	<0.2	<0.2	6.8	<0.01	0.14	8.6	<0.005
2077	Soil	537	30.0	3.9	<0.01	0.01	0.88	2.1	<0.2	<0.2	31.6	<0.01	0.08	8.4	<0.005
2078	Soil	487	26.3	3.7	<0.01	0.02	0.84	2.1	<0.2	0.2	30.3	<0.01	0.06	9.4	<0.005
2079	Soil	551	28.8	3.7	<0.01	0.02	1.01	2.2	<0.2	0.2	33.9	<0.01	0.06	7.9	<0.005
2080	Soil	541	29.2	5.5	<0.01	0.03	0.82	2.2	0.2	0.3	45.0	<0.01	0.06	5.5	<0.005

NS = No Sample

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11-360-07635-01

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Edmonton, AB T5S 1K7

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2081	Soil	398	21.7	4.8	<0.01	0.02	0.58	1.6	<0.2	<0.2	27.4	<0.01	0.03	4.7	<0.005
3870	Soil	717	20.5	3.9	<0.01	0.02	0.63	0.7	<0.2	0.3	7.3	<0.01	0.08	2.7	<0.005
3871	Soil	369	28.1	3.5	<0.01	0.01	0.63	0.5	<0.2	0.2	2.9	<0.01	0.07	1.6	<0.005
3872	Soil	360	25.0	2.8	<0.01	<0.01	0.64	0.5	<0.2	0.3	3.1	<0.01	0.04	1.5	0.009
3873	Soil	462	28.7	4.3	<0.01	0.01	0.96	0.6	<0.2	0.3	7.2	<0.01	0.07	2.0	<0.005
3874	Soil	362	16.9	4.3	<0.01	0.01	0.70	0.5	<0.2	0.3	11.8	<0.01	0.14	1.5	0.005
3875	Soil	455	41.7	4.5	<0.01	0.04	1.16	1.8	<0.2	0.2	11.7	<0.01	0.16	9.7	<0.005
3876	Soil	513	29.5	5.0	<0.01	0.01	0.76	0.9	<0.2	0.4	6.7	<0.01	0.07	3.7	0.006
3877	Soil	765	23.4	3.1	<0.01	0.02	0.90	0.1	<0.2	0.4	6.4	<0.01	0.05	0.3	<0.005
3878	Soil	260	31.7	3.4	<0.01	0.01	1.06	1.5	<0.2	<0.2	4.5	<0.01	0.10	11.2	<0.005
3879	Soil	321	28.6	3.7	<0.01	0.01	1.50	1.5	<0.2	<0.2	7.8	<0.01	0.06	6.9	<0.005
3880	Soil	258	27.7	4.0	<0.01	<0.01	0.88	1.7	<0.2	<0.2	4.0	<0.01	0.10	9.9	<0.005
3881	Soil	325	27.0	4.3	<0.01	<0.01	0.79	1.5	<0.2	0.2	5.0	<0.01	0.06	8.6	<0.005
3882	Soil	328	27.6	3.4	<0.01	<0.01	0.83	1.4	<0.2	<0.2	5.0	<0.01	0.06	8.3	<0.005
3883	Soil	476	33.2	3.7	<0.01	0.01	1.04	2.1	<0.2	<0.2	11.5	<0.01	0.06	9.3	<0.005
3884	Soil	605	33.5	7.4	<0.01	<0.01	0.81	2.6	<0.2	0.3	26.4	<0.01	0.06	13.0	0.011
3885	Soil	570	27.0	4.1	<0.01	0.02	0.96	2.6	<0.2	0.2	36.1	<0.01	0.09	12.6	<0.005
3886	Soil	545	27.2	4.3	<0.01	0.01	0.96	2.4	<0.2	0.2	35.0	<0.01	0.06	11.4	<0.005
3887	Soil	495	25.7	3.4	<0.01	0.02	0.89	2.0	<0.2	<0.2	33.6	<0.01	0.03	8.3	<0.005
3888	Soil	420	24.2	3.3	<0.01	0.02	0.80	1.8	<0.2	<0.2	27.1	<0.01	0.05	7.7	<0.005
3889	Soil	576	27.3	4.2	<0.01	0.02	0.92	2.3	<0.2	<0.2	31.9	<0.01	0.05	8.6	<0.005
3890	Soil	534	25.6	3.7	<0.01	0.01	0.80	2.1	<0.2	<0.2	29.8	<0.01	0.03	8.3	<0.005
3891	Soil	511	28.7	6.1	<0.01	0.02	0.81	1.6	<0.2	0.2	16.6	<0.01	0.06	7.7	<0.005
3892	Soil	328	27.9	6.1	<0.01	0.02	0.22	0.1	<0.2	0.2	12.2	<0.01	<0.01	0.3	<0.005
3893	Soil	728	10.1	5.5	<0.01	0.06	0.21	0.1	<0.2	<0.2	32.3	<0.01	<0.01	<0.2	<0.005
3894	Soil	349	19.9	5.7	<0.01	0.01	0.68	1.3	<0.2	0.2	7.8	<0.01	0.02	6.0	<0.005
3895	Soil	485	23.3	3.6	<0.01	<0.01	0.82	1.9	<0.2	0.2	10.2	<0.01	0.03	11.8	<0.005
3896	Soil	421	27.7	6.1	<0.01	0.02	1.27	1.2	<0.2	0.6	5.0	<0.01	0.06	4.7	0.017
3897	Soil	509	23.5	4.1	<0.01	0.02	0.69	0.4	<0.2	0.2	3.7	<0.01	0.02	1.2	<0.005
3898	Soil	372	3.4	1.5	<0.01	0.03	0.16	<0.1	<0.2	<0.2	6.6	<0.01	<0.01	<0.2	<0.005
3899	Soil	<5	17.9	5.5	<0.01	<0.01	0.30	0.6	<0.2	0.3	7.5	<0.01	0.05	1.0	<0.005
3900	Soil	<5	17.1	6.4	<0.01	<0.01	0.41	0.5	<0.2	0.6	5.5	<0.01	0.02	0.7	<0.005
3901	Soil	442	7.2	2.8	<0.01	0.01	0.18	<0.1	<0.2	0.2	5.6	<0.01	<0.01	<0.2	0.007
3902	Soil	466	35.5	6.7	<0.01	0.02	0.61	0.2	<0.2	0.4	10.0	<0.01	0.01	0.2	0.006
3903	Soil	512	18.7	10.5	<0.01	0.01	0.33	0.5	<0.2	0.3	7.4	<0.01	0.05	1.2	<0.005
3904	Soil	989	46.9	8.7	<0.01	0.02	0.49	1.1	<0.2	0.3	8.9	<0.01	0.10	7.0	<0.005
3905	Soil	905	21.3	5.2	<0.01	0.01	0.62	0.8	<0.2	0.5	5.0	<0.01	0.04	3.4	0.009
3906	Soil	438	18.5	5.5	<0.01	0.02	0.30	0.3	<0.2	0.3	5.5	<0.01	<0.01	0.5	0.007
3907	Soil	506	43.1	5.3	<0.01	0.02	1.07	1.4	<0.2	0.3	14.9	<0.01	0.26	14.6	0.008
3908	Soil	400	40.5	8.0	<0.01	0.02	0.95	1.3	<0.2	0.4	16.3	<0.01	0.21	10.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3909	Soil	430	35.6	11.0	<0.01	<0.01	0.94	1.6	<0.2	0.4	9.9	<0.01	0.12	13.7	<0.005
3800	Soil	647	30.4	6.6	<0.01	0.03	4.33	0.3	<0.2	0.4	12.0	<0.01	0.13	0.6	<0.005
3801	Soil	570	18.1	4.6	<0.01	0.03	3.57	1.0	<0.2	0.3	20.7	<0.01	0.10	2.2	<0.005
3802	Soil	<5	22.7	4.0	<0.01	<0.01	0.65	0.7	<0.2	0.3	3.8	<0.01	0.03	2.6	<0.005
3803	Soil	571	92.5	4.0	<0.01	0.02	1.51	0.8	<0.2	0.3	4.8	<0.01	0.05	2.7	0.006
3804	Soil	437	21.4	6.4	<0.01	0.01	1.56	0.5	<0.2	0.5	20.1	<0.01	0.06	1.0	<0.005
3805	Soil	494	22.2	5.6	<0.01	0.02	0.92	0.9	<0.2	0.2	8.7	<0.01	0.22	6.1	<0.005
3806	Soil	386	28.3	7.5	<0.01	0.01	0.68	1.4	<0.2	0.3	7.3	<0.01	0.10	11.1	<0.005
3807	Soil	810	28.5	6.3	<0.01	0.02	0.37	0.6	<0.2	0.2	9.1	<0.01	0.04	2.7	<0.005
3808	Soil	544	25.3	7.4	<0.01	0.01	0.41	1.3	<0.2	0.3	11.5	<0.01	0.07	7.1	0.005
3809	Soil	386	38.3	6.7	<0.01	<0.01	0.84	1.7	<0.2	0.3	10.8	<0.01	0.08	11.6	<0.005
3810	Soil	575	37.2	6.5	<0.01	0.02	1.24	1.2	<0.2	<0.2	16.1	<0.01	0.23	6.8	<0.005
3811	Soil	343	38.8	4.3	<0.01	0.01	0.93	2.1	<0.2	<0.2	7.5	<0.01	0.12	9.2	<0.005
3812	Soil	397	34.4	4.4	<0.01	0.02	1.02	2.0	<0.2	<0.2	15.4	<0.01	0.12	10.7	<0.005
3813	Soil	582	41.3	7.3	<0.01	0.02	0.83	1.8	<0.2	<0.2	15.1	<0.01	0.12	9.1	<0.005
3814	Soil	<5	25.6	6.0	<0.01	<0.01	0.47	1.3	0.4	0.2	26.6	<0.01	0.03	4.2	<0.005
3815	Soil	477	41.8	4.7	<0.01	0.03	1.87	1.8	<0.2	<0.2	39.1	<0.01	0.16	11.7	<0.005
3816	Soil	563	39.0	6.5	<0.01	0.04	1.29	2.4	0.5	<0.2	43.3	<0.01	0.10	9.9	<0.005
3817	Soil	672	25.2	6.2	<0.01	0.06	0.59	1.4	<0.2	<0.2	50.6	<0.01	0.05	5.0	<0.005
3818	Soil	824	31.6	7.0	<0.01	0.05	0.82	2.1	0.4	0.2	61.2	<0.01	0.07	7.2	<0.005
3819	Soil	517	28.8	3.4	<0.01	0.02	0.88	1.9	<0.2	<0.2	28.4	<0.01	0.03	8.7	<0.005
3820	Soil	612	29.2	5.2	<0.01	0.03	0.85	2.2	<0.2	0.2	38.9	<0.01	0.06	8.0	<0.005
3821	Soil	576	23.3	5.5	<0.01	0.03	0.76	1.7	<0.2	0.2	50.2	<0.01	0.06	5.9	<0.005
3822	Soil	370	25.5	4.7	<0.01	<0.01	0.79	1.9	<0.2	<0.2	17.9	<0.01	0.05	10.9	<0.005
3823	Soil	561	30.2	4.3	<0.01	0.01	0.84	2.7	<0.2	<0.2	25.8	<0.01	0.06	12.9	<0.005
3824	Soil	508	25.8	5.7	<0.01	0.03	0.72	2.4	<0.2	0.2	33.9	<0.01	0.03	10.7	<0.005
3825	Soil	580	23.5	5.4	<0.01	0.04	0.60	1.7	<0.2	<0.2	59.1	<0.01	0.01	5.6	<0.005
3826	Soil	314	15.1	4.2	<0.01	0.02	0.37	1.1	<0.2	<0.2	34.2	<0.01	0.02	3.3	<0.005
3827	Soil	562	27.4	6.4	<0.01	0.02	0.99	2.6	<0.2	0.2	56.7	<0.01	0.05	7.3	<0.005
3828	Soil	416	24.5	5.4	<0.01	<0.01	0.65	2.0	<0.2	<0.2	28.5	<0.01	0.02	6.9	<0.005
3829	Soil	542	28.0	6.0	<0.01	0.01	0.68	2.3	<0.2	<0.2	32.5	<0.01	0.02	8.9	<0.005
3859	Soil	600	17.7	7.2	<0.01	<0.01	0.76	1.3	<0.2	0.3	5.0	<0.01	0.05	8.0	<0.005
3860	Soil	514	13.5	5.7	<0.01	0.02	0.24	0.2	<0.2	0.3	11.3	<0.01	0.01	0.5	0.009
3861	Soil	629	16.2	12.1	<0.01	0.01	0.47	1.0	<0.2	0.4	9.4	<0.01	0.08	3.8	0.007
3862	Soil	476	24.8	8.1	<0.01	0.01	0.62	0.8	<0.2	0.4	16.0	<0.01	0.08	3.0	0.005
3863	Soil	526	26.2	6.5	<0.01	0.01	0.53	1.1	<0.2	0.4	18.7	<0.01	0.04	7.4	0.008
3864	Soil	364	23.2	7.6	<0.01	0.01	1.54	0.7	<0.2	0.3	6.8	<0.01	0.16	7.7	<0.005
3865	Soil	153	28.6	6.1	<0.01	<0.01	0.78	1.8	<0.2	0.2	6.6	<0.01	0.04	12.7	<0.005
3866	Soil	157	11.9	7.0	<0.01	<0.01	0.53	1.5	<0.2	0.3	7.3	<0.01	<0.01	8.6	<0.005
3867	Soil	400	17.4	8.3	<0.01	<0.01	0.54	0.6	<0.2	0.4	7.5	<0.01	0.02	1.8	0.010

NS = No Sample

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Certificate of Analysis

11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3868	Soil	229	19.7	6.8	<0.01	<0.01	0.87	1.7	<0.2	0.4	13.4	<0.01	0.02	7.7	<0.005

NS = No Sample

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4501	Soil	0.06	0.69	30	0.24	5.98	83	2.7
4502	Soil	0.06	0.71	28	0.15	7.70	84	3.7
4503	Soil	0.06	0.68	20	0.11	7.27	80	3.6
4504	Soil	0.05	0.70	21	0.11	8.77	80	2.8
4505	Soil	<0.05	0.69	19	0.12	7.91	65	2.2
4506	Soil	<0.05	0.67	22	0.09	9.69	78	1.8
4507	Soil	0.06	0.80	20	0.07	9.11	70	1.7
4508	Soil	<0.05	0.89	19	0.10	8.27	68	2.1
4509	Soil	<0.05	0.73	16	0.12	7.11	70	3.0
4510	Soil	<0.05	0.58	18	0.11	7.20	71	2.2
4511	Soil	<0.05	1.82	9	0.06	4.19	31	1.4
4512	Soil	<0.05	1.03	15	0.09	6.39	50	2.0
4513	Soil	<0.05	1.33	18	0.11	7.09	65	2.6
4514	Soil	<0.05	1.05	19	0.10	8.70	69	2.5
4515	Soil	<0.05	1.04	20	0.10	8.05	68	2.1
4516	Soil	0.05	1.77	21	0.10	8.40	73	2.0
4517	Soil	<0.05	0.94	23	0.43	6.48	68	1.7
4518	Soil	0.06	0.70	24	0.12	8.83	69	2.3
4519	Soil	<0.05	1.06	19	0.12	7.74	65	2.0
4520	Soil	0.06	0.65	26	0.12	5.14	71	1.8
4521	Soil	0.06	0.84	22	0.08	8.12	62	1.3
4522	Soil	0.07	0.63	32	0.13	2.89	52	1.0
4523	Soil	0.06	0.74	28	0.16	4.18	61	1.6
4524	Soil	<0.05	0.65	18	0.06	2.47	58	<0.5
4525	Soil	0.05	0.61	24	0.08	3.20	49	2.7
4526	Soil	0.06	0.71	23	0.08	9.37	64	1.3
4527	Soil	<0.05	0.64	23	0.06	8.18	68	2.1
4528	Soil	<0.05	0.93	21	0.07	6.50	58	1.4
4529	Soil	<0.05	0.85	21	0.09	5.75	61	1.5
4530	Soil	<0.05	0.73	23	0.28	5.75	80	2.5
4531	Soil	0.05	0.76	39	0.09	13.29	67	3.1
4532	Soil	<0.05	1.97	33	0.12	15.39	76	1.7
4533	Soil	<0.05	1.65	18	0.05	9.78	72	1.7
4534	Soil	<0.05	1.43	23	0.08	8.01	74	1.4
4535	Soil	<0.05	0.67	21	0.09	10.69	88	2.3
4536	Soil	<0.05	0.55	26	0.28	1.11	55	<0.5
4537	Soil	<0.05	0.46	26	0.24	0.87	48	<0.5
4538	Soil	<0.05	0.54	24	0.69	1.44	68	<0.5
4539	Soil	<0.05	0.66	24	0.26	1.38	66	<0.5
4540	Soil	<0.05	1.04	30	<0.05	0.93	103	2.0

NS = No Sample

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4541	Soil	0.06	0.72	28	0.27	1.71	52	1.7
4542	Soil	0.07	0.85	36	0.35	2.27	62	0.9
4543	Soil	<0.05	0.52	20	0.18	1.60	57	<0.5
4544	Soil	<0.05	0.63	32	0.30	1.96	70	<0.5
4545	Soil	<0.05	0.52	14	0.17	1.29	47	<0.5
4546	Soil	<0.05	0.67	21	0.12	0.75	38	<0.5
4547	Soil	<0.05	0.63	38	0.23	1.45	47	<0.5
4548	Soil	<0.05	0.82	36	0.24	2.58	94	0.7
4549	Soil	<0.05	0.90	26	0.26	2.35	99	0.6
4550	Soil	<0.05	0.93	30	0.80	2.76	103	1.5
4551	Soil	<0.05	0.87	30	0.18	2.61	96	0.9
4552	Soil	<0.05	0.38	21	0.24	1.20	38	<0.5
4553	Soil	0.05	0.60	26	0.24	1.98	64	1.0
4554	Soil	<0.05	0.55	17	0.21	1.53	68	<0.5
4555	Soil	<0.05	0.82	20	0.09	0.46	65	2.4
4556	Soil	0.05	1.55	24	0.10	1.07	94	0.9
4557	Soil	0.06	1.46	16	0.10	0.98	82	1.0
4558	Soil	<0.05	1.22	14	0.07	0.94	76	0.6
4559	Soil	<0.05	0.85	12	0.09	0.87	78	0.7
4560	Soil	<0.05	1.27	12	0.15	1.52	102	0.8
3843	Soil	<0.05	0.58	21	0.73	1.81	69	0.8
3844	No Sample	NS	NS	NS	NS	NS	NS	NS
3845	No Sample	NS	NS	NS	NS	NS	NS	NS
3846	No Sample	NS	NS	NS	NS	NS	NS	NS
3847	No Sample	NS	NS	NS	NS	NS	NS	NS
3848	Soil	<0.05	0.74	27	0.72	1.62	83	0.7
3849	Soil	<0.05	0.67	26	0.32	1.54	75	<0.5
3850	Soil	<0.05	0.58	29	0.20	1.47	50	<0.5
3851	Soil	<0.05	0.62	27	0.26	1.49	71	<0.5
3852	Soil	<0.05	0.53	23	0.10	0.76	57	0.8
3853	Soil	<0.05	0.95	33	0.15	1.33	80	0.7
3854	Soil	<0.05	1.33	26	0.36	2.16	88	<0.5
3855	Soil	<0.05	0.69	33	0.35	1.68	72	<0.5
3856	Soil	<0.05	0.86	20	0.19	1.51	72	<0.5
3857	Soil	<0.05	1.70	18	0.21	2.16	90	1.1
3858	Soil	<0.05	0.77	34	<0.05	1.03	86	1.4
2077	Soil	<0.05	0.96	27	0.23	4.60	90	3.1
2078	Soil	<0.05	0.81	29	0.27	4.22	91	3.1
2079	Soil	<0.05	1.83	28	0.64	5.28	86	3.1
2080	Soil	<0.05	4.10	24	0.21	6.68	83	3.4

NS = No Sample

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Canada

Certificate of Analysis

11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2081	Soil	<0.05	1.38	21	0.15	3.65	62	2.1
3870	Soil	<0.05	0.82	21	0.22	1.20	66	0.5
3871	Soil	<0.05	0.72	15	0.60	1.68	80	<0.5
3872	Soil	<0.05	0.45	14	0.90	1.31	65	<0.5
3873	Soil	<0.05	0.62	20	0.83	1.33	55	<0.5
3874	Soil	<0.05	0.55	17	0.20	0.95	62	<0.5
3875	Soil	0.06	1.34	21	0.22	2.12	78	0.9
3876	Soil	<0.05	0.76	26	0.24	1.51	81	<0.5
3877	Soil	<0.05	0.53	18	0.17	1.28	68	<0.5
3878	Soil	<0.05	1.20	23	0.17	1.49	90	1.0
3879	Soil	<0.05	0.75	23	0.19	1.54	82	1.4
3880	Soil	<0.05	0.75	28	0.60	2.04	88	0.9
3881	Soil	<0.05	0.70	27	0.22	1.91	77	1.0
3882	Soil	<0.05	0.71	26	0.26	1.92	90	0.8
3883	Soil	<0.05	1.04	29	0.26	5.07	101	0.8
3884	Soil	0.07	0.73	35	0.23	5.63	90	1.6
3885	Soil	<0.05	1.07	31	0.21	4.84	91	5.0
3886	Soil	<0.05	0.88	30	0.26	4.50	92	3.3
3887	Soil	<0.05	0.80	26	0.30	3.81	90	3.3
3888	Soil	<0.05	0.83	25	0.26	3.60	79	3.4
3889	Soil	<0.05	0.93	27	0.23	4.73	88	3.7
3890	Soil	<0.05	0.92	25	0.31	4.44	78	3.0
3891	Soil	<0.05	1.04	27	0.26	2.71	92	2.2
3892	Soil	<0.05	0.44	12	0.32	1.07	32	<0.5
3893	Soil	<0.05	0.25	11	0.08	0.57	44	<0.5
3894	Soil	<0.05	0.63	25	0.24	2.30	65	0.7
3895	Soil	<0.05	0.62	28	0.43	3.46	82	2.2
3896	Soil	0.07	0.75	35	0.61	2.13	71	<0.5
3897	Soil	<0.05	0.52	15	1.10	1.67	67	<0.5
3898	Soil	<0.05	0.27	10	0.10	0.45	15	<0.5
3899	Soil	<0.05	0.61	<1	0.25	1.18	<1	<0.5
3900	Soil	0.06	0.74	<1	0.37	1.91	<1	<0.5
3901	Soil	<0.05	0.34	12	0.15	0.65	18	<0.5
3902	Soil	<0.05	0.46	19	0.20	1.12	63	<0.5
3903	Soil	<0.05	0.59	18	0.11	1.75	66	<0.5
3904	Soil	<0.05	1.08	30	0.11	1.20	96	0.9
3905	Soil	<0.05	0.57	26	0.28	1.42	45	<0.5
3906	Soil	<0.05	0.48	24	0.13	1.29	61	<0.5
3907	Soil	<0.05	0.85	30	0.16	1.40	82	1.4
3908	Soil	0.05	0.45	27	0.11	1.06	62	1.8

NS = No Sample

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Canada

Certificate of Analysis

11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3909	Soil	0.07	0.83	32	0.17	1.61	98	2.4
3800	Soil	<0.05	0.70	18	0.23	1.41	65	<0.5
3801	Soil	<0.05	0.91	13	0.24	1.06	70	<0.5
3802	Soil	<0.05	1.21	<1	0.40	2.17	<1	<0.5
3803	Soil	<0.05	1.52	20	0.44	2.66	232	<0.5
3804	Soil	0.05	0.60	16	0.53	1.85	54	<0.5
3805	Soil	0.05	0.80	21	0.09	1.24	75	<0.5
3806	Soil	<0.05	0.81	28	0.18	1.79	88	0.6
3807	Soil	<0.05	1.03	22	0.13	1.68	108	<0.5
3808	Soil	<0.05	0.92	30	0.15	1.75	82	<0.5
3809	Soil	<0.05	0.80	34	0.27	2.09	93	0.7
3810	Soil	<0.05	1.17	25	0.08	1.69	84	0.5
3811	Soil	<0.05	1.36	25	0.14	4.13	90	2.2
3812	Soil	<0.05	1.52	23	0.11	3.87	85	2.4
3813	Soil	<0.05	1.89	28	0.10	3.34	86	2.2
3814	Soil	<0.05	1.81	<1	0.18	4.68	<1	2.2
3815	Soil	<0.05	1.21	23	0.11	3.15	80	2.4
3816	Soil	<0.05	1.61	25	0.15	5.16	83	3.5
3817	Soil	<0.05	1.19	20	0.15	4.29	52	4.3
3818	Soil	0.05	1.47	25	0.64	7.02	70	5.5
3819	Soil	<0.05	0.79	25	0.46	4.18	75	3.2
3820	Soil	<0.05	0.90	28	0.23	5.41	84	4.3
3821	Soil	<0.05	0.81	23	0.25	4.07	62	3.2
3822	Soil	<0.05	0.69	28	0.25	3.27	80	1.5
3823	Soil	<0.05	0.92	30	0.21	6.01	87	2.9
3824	Soil	<0.05	1.13	28	0.22	5.09	84	3.3
3825	Soil	<0.05	1.12	23	0.21	4.70	63	3.4
3826	Soil	<0.05	0.61	15	0.65	2.44	38	1.2
3827	Soil	<0.05	1.21	23	0.30	8.50	82	3.6
3828	Soil	<0.05	0.98	21	0.16	4.81	70	1.8
3829	Soil	<0.05	0.84	25	0.21	4.58	75	2.7
3859	Soil	<0.05	0.52	26	0.22	1.67	76	<0.5
3860	Soil	<0.05	0.34	18	0.17	0.97	55	<0.5
3861	Soil	0.06	0.66	31	0.18	1.45	86	<0.5
3862	Soil	<0.05	0.53	24	0.17	1.41	60	<0.5
3863	Soil	<0.05	0.64	27	0.18	1.65	64	<0.5
3864	Soil	0.05	0.44	19	0.11	0.75	52	<0.5
3865	Soil	<0.05	0.81	24	0.23	2.58	63	3.6
3866	Soil	<0.05	0.37	24	0.19	1.65	53	0.6
3867	Soil	<0.05	0.40	22	0.20	1.41	56	<0.5

NS = No Sample

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Canada

Certificate of Analysis

11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3868	Soil	0.05	0.49	28	0.13	2.70	64	<0.5

NS = No Sample

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Certificate of Analysis

11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4501	Soil		0.18	1.76	67.0	44	0.45	0.44	0.41	0.15	42.70	13.0	26	0.70	34.2
4501 Dup			0.12	1.81	56.1	44	0.51	0.36	0.40	0.14	46.24	13.6	26	0.74	32.4
QCV1109-02780-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6054.4
4519	Soil		0.22	1.20	36.6	59	0.52	0.29	0.55	0.10	36.19	9.8	15	0.60	28.2
4519 Dup			0.12	1.21	36.2	56	0.54	0.30	0.53	0.09	39.15	10.0	14	0.62	27.4
QCV1109-02780-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.63					8.15				22.6			>10000
4537	Soil		0.08	0.96	20.4	42	0.15	0.29	0.01	0.17	22.59	4.5	14	1.10	10.9
4537 Dup			0.08	1.02	22.7	46	0.15	0.28	0.01	0.18	24.77	5.0	14	1.18	11.5
QCV1109-02780-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41					8.07				22.9			>10000
4555	Soil		0.10	1.17	31.4	42	0.31	0.82	0.06	0.09	12.10	5.0	17	1.81	42.0
4555 Dup			0.13	1.16	32.6	44	0.30	0.87	0.07	0.10	13.50	5.0	18	1.86	43.0
QCV1109-02780-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5921.4
2077	Soil		0.14	1.57	73.3	48	0.39	0.32	0.53	0.14	27.40	15.5	22	0.69	36.1
2077 Dup			0.13	1.59	69.8	45	0.37	0.31	0.53	0.14	28.86	14.1	22	0.64	34.0
QCV1109-02780-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.60					7.73				22.6			>10000
3883	Soil		0.13	1.74	68.6	42	0.37	0.41	0.12	0.10	40.83	14.9	24	0.83	41.6
3883 Dup			0.12	1.70	68.2	39	0.40	0.41	0.12	0.11	38.22	14.5	24	0.81	41.4
QCV1109-02780-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.65					8.16				23.0			>10000
3901	Soil		0.23	0.35	27.2	25	0.09	0.10	0.03	0.12	11.96	2.5	4	0.82	9.2
3901 Dup			0.23	0.35	27.5	24	0.10	0.10	0.03	0.12	11.31	2.4	4	0.83	9.2
QCV1109-02780-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.34					8.01				22.9			>10000
3809	Soil		0.20	1.95	100.5	40	0.45	0.40	0.05	0.12	60.07	13.9	27	1.56	30.4
3809 Dup			0.19	1.92	94.2	38	0.43	0.43	0.05	0.11	54.20	12.6	25	1.45	28.6
QCV1109-02780-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6317.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
3827	Soil		0.15	1.53	104.6	76	0.62	0.31	0.80	0.18	33.70	11.8	19	1.09	31.1
3827 Dup			0.14	1.54	104.7	74	0.57	0.31	0.79	0.17	32.91	11.5	19	1.08	31.5
QCV1109-02780-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.62					8.09				23.1			>10000
QCV1109-02780-0028-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6167.6
4501	Soil	0.021													
4501 Dup		0.021													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.977													
4519	Soil	0.011													
4519 Dup		0.010													
QCV1109-02781-0004-BLK		<0.005													
4537	Soil	0.011													
4537 Dup		0.007													
4555	Soil	<0.005													
4555 Dup		0.007													
QCV1109-02781-0008-BLK		<0.005													
2077	Soil	0.022													
2077 Dup		0.025													
3883	Soil	0.030													
3883 Dup		0.035													
QCV1109-02781-0012-BLK		<0.005													
3901	Soil	0.014													
3901 Dup		0.007													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		2.667													
QCV1109-02781-0016-BLK		0.007													
3827	Soil	0.015													
3827 Dup		0.015													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4501	Soil	3.43	4.53	<0.05	0.19	0.02	0.07	21.6	50.9	0.66	569	0.85	<0.01	0.42	35.0
4501 Dup		3.45	4.66	<0.05	0.14	0.02	0.07	22.8	49.1	0.68	565	0.75	<0.01	0.42	34.8
QCV1109-02780-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4519	Soil	2.95	3.27	<0.05	2.45	0.02	0.05	18.3	28.8	0.35	408	0.52	<0.01	0.41	26.2
4519 Dup		2.91	3.33	<0.05	0.52	0.02	0.06	19.7	28.5	0.35	396	0.50	<0.01	0.37	25.4
QCV1109-02780-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4537	Soil	2.70	5.15	<0.05	0.03	0.01	0.02	12.1	15.6	0.17	213	0.75	<0.01	0.74	10.1
4537 Dup		2.75	5.65	<0.05	0.02	0.01	0.02	14.2	16.6	0.18	222	0.80	<0.01	0.80	10.7
QCV1109-02780-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4555	Soil	3.52	4.71	<0.05	0.43	0.02	0.08	6.8	24.9	0.33	189	1.41	<0.01	0.40	16.5
4555 Dup		3.66	4.88	<0.05	0.32	0.03	0.08	8.1	27.6	0.33	194	1.44	<0.01	0.42	17.0
QCV1109-02780-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2077	Soil	3.33	4.59	<0.05	0.19	0.02	0.05	14.4	43.6	0.57	716	0.61	<0.01	0.37	33.1
2077 Dup		3.45	4.22	<0.05	0.17	0.02	0.05	14.6	40.0	0.58	709	0.56	<0.01	0.35	30.6
QCV1109-02780-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3883	Soil	3.82	4.59	<0.05	0.20	0.02	0.04	22.1	47.6	0.64	546	0.70	<0.01	0.28	36.0
3883 Dup		3.87	4.67	0.05	0.15	0.02	0.04	21.0	43.8	0.63	529	0.70	<0.01	0.26	34.9
QCV1109-02780-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3901	Soil	0.84	2.23	<0.05	0.03	<0.01	0.02	6.1	1.0	0.02	87	0.49	0.02	0.19	4.2
3901 Dup		0.84	2.24	<0.05	0.03	<0.01	0.02	5.7	0.9	0.02	85	0.51	0.02	0.20	4.2
QCV1109-02780-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3809	Soil	4.11	6.36	0.08	0.09	0.03	0.04	32.4	51.2	0.62	436	0.79	<0.01	0.44	36.4
3809 Dup		3.92	5.87	0.08	0.08	0.03	0.04	28.0	46.2	0.61	415	0.66	<0.01	0.43	34.3
QCV1109-02780-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
3827	Soil	3.10	4.28	<0.05	0.24	0.03	0.07	17.7	38.5	0.44	503	0.69	0.01	0.45	32.1
3827 Dup		3.00	4.22	<0.05	0.22	0.02	0.07	16.9	39.5	0.44	497	0.70	0.01	0.43	31.8
QCV1109-02780-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-02780-0028-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4501	Soil	546	34.1	4.8	<0.01	<0.01	0.79	2.9	<0.2	0.2	28.6	0.02	0.07	12.0	<0.005
4501 Dup		553	32.3	5.1	<0.01	<0.01	0.82	3.1	<0.2	0.2	28.3	0.01	0.05	13.4	<0.005
QCV1109-02780-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
4519	Soil	519	23.4	4.1	<0.01	0.02	0.95	2.8	0.3	0.2	45.7	0.01	0.06	7.4	<0.005
4519 Dup		522	24.1	4.3	<0.01	0.02	0.92	2.7	0.2	0.2	44.7	<0.01	0.04	7.8	<0.005
QCV1109-02780-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.3				2.05		13.0	17.4					
4537	Soil	466	14.2	4.8	<0.01	0.01	0.42	0.5	<0.2	0.4	3.3	<0.01	0.05	1.6	0.006
4537 Dup		485	15.5	5.4	<0.01	0.01	0.44	0.6	<0.2	0.4	3.8	<0.01	0.04	1.6	0.006
QCV1109-02780-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.95		12.7	16.7					
4555	Soil	694	40.5	6.9	<0.01	0.02	1.35	0.9	<0.2	0.2	27.5	<0.01	0.21	10.1	0.005
4555 Dup		711	42.0	6.9	<0.01	0.02	1.41	0.9	<0.2	0.3	28.7	<0.01	0.22	11.1	0.005
QCV1109-02780-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2077	Soil	537	30.0	3.9	<0.01	0.01	0.88	2.1	<0.2	<0.2	31.6	<0.01	0.08	8.4	<0.005
2077 Dup		548	27.6	3.7	<0.01	0.02	0.83	2.0	<0.2	<0.2	28.8	<0.01	0.04	8.5	<0.005
QCV1109-02780-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.8				2.01		13.0	16.6					
3883	Soil	476	33.2	3.7	<0.01	0.01	1.04	2.1	<0.2	<0.2	11.5	<0.01	0.06	9.3	<0.005
3883 Dup		464	32.1	3.7	<0.01	0.01	1.01	2.0	<0.2	0.2	11.1	<0.01	0.08	9.3	<0.005
QCV1109-02780-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.5				2.14		13.6	17.6					
3901	Soil	442	7.2	2.8	<0.01	0.01	0.18	<0.1	<0.2	0.2	5.6	<0.01	<0.01	<0.2	0.007
3901 Dup		434	7.6	2.7	<0.01	0.01	0.17	<0.1	<0.2	0.2	5.6	<0.01	<0.01	<0.2	0.007
QCV1109-02780-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			29.9				2.08		13.6	16.6					
3809	Soil	386	38.3	6.7	<0.01	<0.01	0.84	1.7	<0.2	0.3	10.8	<0.01	0.08	11.6	<0.005
3809 Dup		379	36.7	6.2	<0.01	<0.01	0.87	1.6	<0.2	0.2	9.9	<0.01	0.06	12.6	<0.005
QCV1109-02780-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
3827	Soil	562	27.4	6.4	<0.01	0.02	0.99	2.6	<0.2	0.2	56.7	<0.01	0.05	7.3	<0.005
3827 Dup		551	27.5	6.3	<0.01	0.02	1.00	2.6	<0.2	0.2	56.0	<0.01	0.04	7.2	<0.005
QCV1109-02780-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.2				1.97		13.5	16.1					
QCV1109-02780-0028-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4501	Soil	0.06	0.69	30	0.24	5.98	83	2.7
4501 Dup		0.06	0.70	30	0.24	6.10	84	2.7
QCV1109-02780-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4888	
4519	Soil	<0.05	1.06	19	0.12	7.74	65	2.0
4519 Dup		<0.05	1.10	19	0.14	7.65	64	1.8
QCV1109-02780-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
4537	Soil	<0.05	0.46	26	0.24	0.87	48	<0.5
4537 Dup		<0.05	0.47	27	0.29	0.95	50	<0.5
QCV1109-02780-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							180	
4555	Soil	<0.05	0.82	20	0.09	0.46	65	2.4
4555 Dup		<0.05	0.91	21	0.10	0.47	66	2.5
QCV1109-02780-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5109	
2077	Soil	<0.05	0.96	27	0.23	4.60	90	3.1
2077 Dup		<0.05	0.97	28	0.24	4.46	90	3.0
QCV1109-02780-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
3883	Soil	<0.05	1.04	29	0.26	5.07	101	0.8
3883 Dup		<0.05	1.08	28	0.25	4.97	99	0.7
QCV1109-02780-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
3901	Soil	<0.05	0.34	12	0.15	0.65	18	<0.5
3901 Dup		<0.05	0.34	13	0.14	0.63	18	<0.5
QCV1109-02780-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
3809	Soil	<0.05	0.80	34	0.27	2.09	93	0.7
3809 Dup		<0.05	0.84	33	0.27	1.87	90	0.6
QCV1109-02780-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5059	

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11-360-07635-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
3827	Soil	<0.05	1.21	23	0.30	8.50	82	3.6
3827 Dup		<0.05	1.20	23	0.20	8.25	82	3.5
QCV1109-02780-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							168	
QCV1109-02780-0028-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4929	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 6**
Client Reference: **Soil 6**
Description: **3 ACE**

Date Received: 09/27/2011
Date Completed: 10/31/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	126	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2096	Soil	0.016	0.19	1.11	99.1	48	0.56	0.34	0.27	0.13	24.72	11.7	17	0.48	21.9
2097	Soil	0.011	0.10	1.65	77.9	48	0.57	0.58	0.18	0.13	39.20	16.7	21	0.64	29.5
2098	Soil	0.013	0.10	1.21	95.7	50	0.44	0.42	0.10	0.16	25.18	12.2	16	0.65	23.3
2099	Soil	0.012	0.14	1.19	75.1	64	0.50	0.33	0.75	0.21	19.88	9.6	17	0.64	23.1
2100	Soil	0.014	0.14	1.22	90.2	63	0.51	0.35	0.71	0.12	22.70	10.8	16	0.62	22.4
2101	Soil	0.045	0.12	1.17	68.7	70	0.64	0.36	1.12	0.10	25.95	11.6	14	0.49	23.5
2102	Soil	0.011	0.09	1.17	70.2	61	0.60	0.36	0.51	0.08	28.05	11.9	15	0.51	20.4
2103	Soil	0.014	0.13	1.31	82.3	77	0.64	0.38	0.80	0.17	28.51	13.2	16	0.64	27.4
2104	Soil	0.005	0.07	1.19	43.0	36	0.44	0.32	0.13	0.15	20.90	9.3	14	0.67	15.0
2105	Soil	0.015	0.11	1.16	74.6	68	0.60	0.38	0.68	0.10	20.19	11.4	15	0.51	26.2
2106	Soil	0.018	0.10	0.99	52.5	25	0.33	0.30	0.29	0.07	18.73	10.1	14	0.32	21.2
2107	Soil	0.010	0.09	1.35	60.5	74	0.67	0.39	0.83	0.18	23.36	12.3	19	0.58	27.3
2108	Soil	0.008	0.06	0.90	30.1	56	0.35	0.22	0.79	0.11	12.56	6.8	9	0.45	15.9
2109	Soil	0.014	0.13	1.10	33.3	56	0.50	0.39	1.03	0.12	21.30	9.7	14	0.45	25.0
2110	Soil	<0.005	0.14	1.08	20.9	57	0.68	0.35	4.18	0.13	26.96	8.6	9	0.29	12.7
2111	Soil	0.006	0.06	1.23	13.2	48	0.48	0.27	0.32	0.08	27.82	6.8	13	0.45	15.0
2112	Soil	0.013	0.06	1.27	24.9	57	0.65	0.32	0.27	0.04	40.73	10.9	14	0.35	22.5
2113	Soil	0.007	0.16	1.09	43.1	63	0.52	0.41	0.87	0.12	18.85	11.9	15	0.69	28.1
2114	Soil	0.011	0.09	0.60	71.9	27	0.12	0.40	0.01	0.12	16.45	4.7	8	1.09	12.6
2115	Soil	0.016	0.21	0.51	134.1	36	0.20	0.20	0.04	0.23	8.00	3.6	5	0.91	9.5
2116	Soil	0.006	0.56	0.65	10.7	38	0.16	0.29	0.02	0.16	11.50	3.0	7	1.37	12.2
2117	Soil	0.006	0.25	1.63	14.6	27	0.23	0.54	0.02	0.12	20.01	7.2	26	1.62	15.9
2118	Soil	<0.005	0.45	1.60	10.9	36	0.38	0.45	0.01	0.08	16.30	7.5	20	1.83	24.1
2119	Soil	0.010	0.14	0.52	28.5	24	0.14	0.27	0.02	0.16	14.86	3.9	6	0.85	11.3
2120	Soil	<0.005	0.08	0.11	1.8	21	<0.05	0.03	0.05	0.30	1.59	0.8	2	0.31	1.9
2121	Soil	0.007	0.36	1.10	21.9	43	0.27	0.75	0.02	0.46	15.80	3.5	18	1.70	18.7
2122	Soil	0.011	0.10	1.40	50.1	31	0.31	0.43	0.04	0.23	15.81	9.5	19	0.81	26.0
2123	Soil	0.056	0.05	0.19	2231.8	17	0.15	0.23	0.06	0.54	10.49	7.3	4	1.14	13.0
2124	Soil	<0.005	0.03	0.68	32.6	37	0.13	0.29	0.01	0.14	20.30	4.2	10	0.65	10.7
2125	Soil	0.005	0.04	0.31	2.2	39	<0.05	0.11	0.03	0.16	6.90	1.2	4	0.61	4.9
2126	Soil	0.006	0.21	0.59	39.2	26	0.15	0.41	0.01	0.17	10.86	4.3	9	0.84	11.0
2127	Soil	0.006	0.37	0.96	41.4	29	0.25	0.49	<0.01	0.19	21.08	5.9	14	1.14	17.3
2128	Soil	<0.005	0.04	0.11	2.6	30	<0.05	0.03	0.03	0.24	1.53	0.5	1	0.18	1.5
2129	Soil	0.010	0.09	0.46	108.9	29	0.15	0.32	0.04	0.89	23.39	7.9	14	0.71	9.7
2130	Soil	0.006	0.28	0.50	70.4	31	0.12	0.28	0.02	0.24	19.95	4.2	8	0.55	7.5
2131	Soil	0.025	0.71	0.60	268.5	39	0.22	0.26	0.03	1.15	16.37	5.0	7	0.77	7.6
2132	Soil	0.006	0.14	0.08	2.6	14	<0.05	0.02	0.07	0.26	0.85	0.4	1	0.13	1.2
2133	Soil	0.014	0.13	0.45	42.1	22	0.27	0.62	0.04	0.22	24.84	13.6	12	0.80	26.5
2134	Soil	0.015	0.09	1.33	71.4	37	0.36	0.30	0.11	0.10	35.84	9.9	18	0.45	18.8
2135	Soil	0.007	0.13	1.46	78.8	56	0.62	0.39	0.34	0.13	29.87	14.4	19	1.81	33.5

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2136	Soil	0.012	0.14	1.33	67.4	53	0.46	0.36	0.09	0.19	31.01	10.1	17	1.10	21.1
2137	Soil	0.007	0.04	0.56	30.7	30	0.17	0.27	0.03	0.06	49.77	3.7	7	0.49	7.3
2138	Soil	0.011	0.06	1.20	47.9	61	0.56	0.35	0.17	0.07	46.93	9.8	15	0.69	18.7
8501	Soil	0.009	0.10	1.23	53.4	58	0.56	0.34	0.46	0.08	25.28	10.7	16	0.57	23.3
8502	Soil	0.012	0.09	1.07	46.5	55	0.41	0.36	0.42	0.12	24.55	9.3	13	0.55	22.5
8503	Soil	0.006	0.06	1.16	47.7	49	0.41	0.36	0.13	0.11	28.41	10.1	14	0.70	17.8
8504	Soil	0.010	0.07	1.02	41.6	58	0.34	0.32	1.17	0.21	17.88	8.3	12	0.62	21.1
8505	Soil	0.008	0.10	1.15	32.6	67	0.51	0.32	1.17	0.12	21.97	8.7	13	0.49	21.8
8506	Soil	<0.005	0.07	1.25	27.4	72	0.55	0.32	0.46	0.11	30.81	9.8	14	0.55	19.6
8507	Soil	0.010	0.11	1.26	30.8	70	0.65	0.33	0.81	0.16	29.93	10.9	15	0.52	22.2
8508	Soil	<0.005	0.07	1.10	24.3	59	0.50	0.26	0.50	0.11	26.62	8.3	12	0.53	16.6
8509	Soil	<0.005	0.12	0.81	14.8	52	0.40	0.23	0.87	0.15	15.27	7.3	9	0.28	18.0
8510	Soil	0.007	0.06	1.10	21.8	57	0.52	0.32	0.44	0.13	25.03	10.0	13	0.46	18.3
8511	Soil	<0.005	0.07	1.12	26.5	70	0.52	0.30	0.83	0.09	22.77	9.5	12	0.51	19.8
8512	Soil	0.007	0.10	1.08	25.2	66	0.58	0.31	1.21	0.11	22.77	9.8	12	0.47	21.3
8513	Soil	0.009	0.09	1.17	28.1	74	0.65	0.31	1.39	0.11	23.56	10.6	13	0.47	23.7
8514	Soil	0.008	0.10	1.05	25.8	70	0.55	0.25	1.92	0.12	13.68	6.9	11	0.47	21.6
8515	Soil	0.007	0.05	1.73	20.3	66	0.42	0.34	0.76	0.06	28.69	10.9	19	0.48	23.1
8516	Soil	<0.005	0.03	1.01	23.5	47	0.37	0.33	0.06	0.03	39.25	5.9	10	0.56	12.9
8517	Soil	<0.005	0.04	1.32	19.5	61	0.44	0.31	0.09	0.02	44.77	8.3	13	0.48	15.8
8518	Soil	<0.005	0.03	1.06	16.6	41	0.33	0.26	0.02	0.02	34.04	5.9	12	0.30	12.2
8519	Soil	<0.005	0.02	1.19	18.4	53	0.45	0.29	0.08	0.03	33.31	7.8	14	0.39	12.7
8520	Soil	<0.005	0.06	1.09	11.8	57	0.42	0.25	0.39	0.10	26.59	6.8	12	0.34	11.3
8521	Soil	<0.005	0.02	1.28	15.5	50	0.45	0.28	0.14	0.05	36.69	8.0	15	0.41	13.0
8522	Soil	<0.005	0.03	1.40	17.4	56	0.58	0.32	0.17	0.04	45.63	10.4	16	0.45	22.3
8523	Soil	0.006	0.08	1.21	14.0	64	0.51	0.28	1.34	0.07	22.29	9.0	13	0.42	22.4
8524	Soil	0.007	0.06	0.73	20.1	45	0.37	0.18	2.00	0.22	8.92	6.1	12	0.34	14.0
8525	Soil	<0.005	0.06	0.76	31.1	37	0.17	0.31	0.02	0.08	20.08	3.0	8	0.65	7.7
8526	Soil	0.016	0.18	0.45	46.1	34	0.17	0.31	0.02	0.20	15.05	4.1	6	0.67	13.1
8527	Soil	<0.005	0.33	0.52	154.8	47	0.22	0.30	0.04	0.72	14.39	4.5	11	1.41	14.7
8528	Soil	<0.005	0.18	0.49	21.8	30	0.14	0.29	0.03	0.22	9.33	4.2	7	0.77	12.7
8529	Soil	<0.005	0.15	0.57	7.6	31	0.12	0.24	0.03	0.15	9.27	2.5	6	0.63	11.1
8530	Soil	0.008	0.15	1.00	4.5	44	0.52	0.33	0.02	0.14	11.58	5.3	12	1.40	15.3
8531	Soil	0.009	0.13	1.18	57.5	37	0.25	0.43	<0.01	0.08	28.85	8.1	15	0.98	18.2
8532	Soil	0.006	0.04	1.22	47.9	39	0.32	0.36	0.01	0.14	30.92	8.1	14	0.74	16.4
8533	Soil	<0.005	0.19	0.36	2.1	32	0.11	0.05	0.08	0.28	2.32	1.4	2	0.70	6.9
8534	Soil	0.006	0.05	0.65	22.4	25	0.20	0.24	0.03	0.08	10.34	4.0	7	0.61	9.0
8535	Soil	0.013	0.05	0.68	37.1	29	0.22	0.43	0.08	0.34	12.68	8.2	12	1.27	20.4
8536	Soil	0.141	0.29	0.75	75.0	30	0.39	0.45	0.02	0.07	19.63	13.5	14	0.77	30.0
8537	Soil	0.013	0.47	1.46	136.4	69	1.01	0.35	1.07	0.74	12.41	11.8	18	1.49	55.8

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Certificate of Analysis

11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
8538	Soil	<0.005	0.12	1.12	28.7	20	0.25	0.89	0.01	0.05	20.33	2.5	17	0.76	22.6
8539	Soil	<0.005	0.11	0.43	21.0	50	0.23	0.12	0.09	0.72	9.62	3.7	17	0.64	6.3
8540	Soil	<0.005	0.16	1.01	25.4	37	0.17	0.31	0.02	0.15	27.12	6.3	13	0.70	9.1
8541	Soil	<0.005	0.09	0.60	33.9	41	0.17	0.22	0.05	0.27	17.06	4.2	7	0.70	4.5
8542	Soil	<0.005	0.17	0.82	158.8	74	0.21	0.27	0.08	0.78	20.97	6.5	9	0.93	8.5
8543	Soil	<0.005	0.57	0.35	5.3	22	0.12	0.03	0.24	0.13	2.48	0.8	<1	0.18	2.6
8544	Soil	0.013	0.20	1.74	68.8	50	0.77	0.49	0.04	0.10	18.70	20.6	18	1.08	46.2
8545	Soil	0.007	0.17	0.58	127.0	72	0.27	0.36	0.16	0.57	12.86	8.7	16	0.94	19.4
8546	Soil	0.023	0.23	0.55	448.8	28	0.26	0.46	0.09	0.29	18.98	9.0	19	2.13	20.6
8547	Soil	0.012	0.35	1.25	77.2	107	0.99	0.33	1.61	0.33	13.75	11.5	13	0.70	42.9
8548	Soil	0.010	0.14	1.23	58.7	79	0.59	0.27	1.50	0.10	15.92	8.9	13	0.56	20.8
5001	Soil	<0.005	0.12	0.96	21.9	43	0.21	0.37	0.12	0.20	19.26	4.3	12	0.58	12.6
5002	Soil	<0.005	0.04	0.48	17.5	39	0.13	0.23	0.03	0.17	15.96	3.1	6	0.62	7.3
5003	Soil	0.024	0.04	0.43	49.4	42	0.19	0.28	0.04	0.24	15.95	3.6	6	0.71	13.6
5004	Soil	<0.005	0.18	1.13	13.6	33	0.36	0.36	0.02	0.10	8.59	5.1	13	1.20	23.7
5005	Soil	<0.005	0.14	0.68	13.1	49	0.29	0.50	0.07	0.12	9.51	5.9	9	1.35	20.0
5006	Soil	<0.005	0.05	0.43	24.7	40	0.12	0.25	0.02	0.09	22.75	2.9	6	0.62	6.8
5007	Soil	0.023	0.23	0.89	656.9	35	0.22	0.35	0.03	0.37	21.16	6.5	13	0.96	16.0
5008	Soil	<0.005	0.17	0.42	26.3	44	0.21	0.16	0.10	0.38	7.88	2.7	5	0.67	11.0
5009	Soil	<0.005	0.05	0.87	19.8	43	0.22	0.29	0.13	0.26	22.20	6.2	13	0.98	10.6
5010	Soil	0.042	0.08	1.54	121.9	39	0.50	0.46	0.10	0.16	35.61	13.9	22	1.03	25.5
5011	Soil	0.024	0.06	1.22	75.8	35	0.34	0.35	0.09	0.09	23.14	9.6	17	0.53	20.0
5012	Soil	0.026	0.41	1.23	96.2	40	0.45	0.40	0.03	0.12	20.98	8.0	16	0.86	25.2
5013	Soil	0.030	0.09	1.82	110.6	30	0.63	0.53	0.01	0.15	43.04	11.5	25	0.60	25.0
5014	Soil	0.091	0.14	1.49	171.2	30	0.44	0.55	0.05	0.18	40.19	11.7	22	0.56	26.9
5015	Soil	0.050	0.09	1.74	152.2	31	0.59	0.59	0.03	0.17	43.68	13.2	25	0.65	32.8
5016	Soil	0.061	0.08	1.75	141.3	35	0.52	0.57	0.01	0.20	46.43	12.7	25	0.69	30.8
5017	Soil	0.037	0.04	1.45	89.0	39	0.52	0.40	0.05	0.14	34.30	10.2	21	0.83	26.8
5018	Soil	0.014	0.25	1.08	84.4	46	0.38	0.42	0.04	0.30	36.16	5.9	16	0.68	28.9
5019	Soil	0.016	0.21	1.85	110.7	49	0.61	0.52	0.10	0.13	30.53	11.4	25	0.89	26.7
5020	Soil	0.016	0.16	1.48	74.6	49	0.55	0.42	0.12	0.10	30.67	10.0	19	0.85	26.2
5021	Soil	0.024	0.08	1.37	71.1	36	0.65	0.37	0.06	0.08	26.16	11.5	18	0.60	20.1
5022	Soil	0.007	0.06	0.50	31.2	29	0.21	0.17	0.03	0.14	21.47	3.5	5	0.56	7.6
5023	Soil	0.019	0.09	0.77	174.4	90	0.54	0.28	0.17	0.34	29.10	10.2	11	1.14	9.8
5024	Soil	0.011	0.09	0.97	108.0	49	0.53	0.26	0.09	0.15	35.21	9.1	12	1.21	14.5
2052	Soil	0.022	0.01	1.53	71.9	48	0.60	0.33	0.02	0.05	55.90	10.7	20	0.65	25.0
2053	Soil	0.024	0.07	1.70	89.2	42	0.59	0.42	0.29	0.15	48.29	15.0	23	0.79	37.6
2054	Soil	0.005	0.11	1.03	42.4	29	0.41	0.27	0.02	0.10	38.39	7.2	14	0.64	11.4
789	Soil	0.017	0.03	1.67	56.7	44	0.53	0.33	0.10	0.05	45.61	11.5	22	0.59	25.5
790	Soil	0.020	0.12	1.50	65.5	46	0.60	0.41	0.20	0.10	29.19	13.1	20	0.53	30.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
791	Soil	0.024	0.09	1.41	61.4	47	0.57	0.33	0.46	0.09	25.27	11.5	19	0.53	26.3
792	Soil	0.020	0.14	1.33	57.9	46	0.60	0.33	0.59	0.08	25.09	11.9	17	0.57	24.1
793	Soil	0.045	0.06	1.46	72.6	52	0.70	0.35	0.19	0.10	40.64	13.0	19	0.64	24.8
794	Soil	0.010	0.06	0.99	38.0	35	0.39	0.32	0.05	0.05	45.48	6.5	13	0.48	13.0
795	Soil	0.017	0.02	1.34	33.1	44	0.60	0.32	0.05	0.04	58.88	10.4	18	0.54	17.5
5988	Soil	0.024	0.04	0.65	13.1	36	0.25	0.29	<0.01	0.08	60.65	2.5	7	1.53	11.4

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2096	Soil	3.05	3.20	<0.05	0.46	0.03	0.04	11.4	37.1	0.38	464	0.74	<0.01	0.56	27.8
2097	Soil	3.96	4.69	0.05	0.23	0.03	0.04	17.7	63.2	0.56	472	0.72	<0.01	0.24	38.1
2098	Soil	3.29	3.46	<0.05	0.21	0.03	0.05	11.8	36.1	0.35	430	0.67	<0.01	0.36	27.2
2099	Soil	2.70	3.39	<0.05	0.25	0.02	0.05	10.1	34.0	0.33	344	1.00	0.01	0.44	27.2
2100	Soil	2.86	3.48	<0.05	0.22	0.02	0.05	11.7	35.5	0.36	437	0.68	<0.01	0.38	30.2
2101	Soil	2.91	3.26	<0.05	0.19	0.02	0.04	12.3	36.5	0.35	476	0.53	<0.01	0.34	26.9
2102	Soil	3.00	3.39	<0.05	0.19	0.02	0.04	13.5	38.8	0.34	544	0.62	<0.01	0.33	25.8
2103	Soil	3.17	3.56	<0.05	0.19	0.03	0.05	13.8	37.9	0.36	730	0.61	<0.01	0.38	29.7
2104	Soil	2.75	3.76	<0.05	0.09	0.02	0.04	10.2	31.4	0.26	237	0.62	<0.01	0.47	19.6
2105	Soil	2.98	3.23	<0.05	0.18	0.02	0.04	10.0	36.0	0.37	408	0.53	<0.01	0.31	26.3
2106	Soil	2.70	3.10	<0.05	0.11	0.02	0.02	9.5	34.4	0.39	308	0.51	<0.01	0.25	24.2
2107	Soil	3.16	3.76	<0.05	0.27	0.02	0.06	11.5	40.0	0.40	507	0.89	<0.01	0.44	30.6
2108	Soil	1.76	2.34	<0.05	0.20	0.02	0.04	6.0	21.2	0.18	262	0.55	0.02	0.53	15.7
2109	Soil	2.95	2.99	<0.05	0.16	0.02	0.04	10.6	33.2	0.36	330	0.55	<0.01	0.55	24.8
2110	Soil	2.87	2.40	<0.05	0.13	0.03	0.02	11.9	17.2	0.13	273	0.65	<0.01	0.54	15.4
2111	Soil	2.48	3.53	<0.05	0.06	0.02	0.04	13.6	35.2	0.27	283	0.62	<0.01	0.32	18.6
2112	Soil	2.98	3.36	<0.05	0.12	0.02	0.03	19.6	34.6	0.31	503	0.53	<0.01	0.24	25.4
2113	Soil	3.08	3.02	<0.05	0.19	0.02	0.04	9.3	35.3	0.34	452	0.60	<0.01	0.29	27.5
2114	Soil	2.07	4.28	<0.05	<0.02	0.01	0.02	9.0	3.7	0.04	249	1.06	<0.01	0.79	8.8
2115	Soil	1.28	2.72	<0.05	0.02	<0.01	0.02	4.3	2.3	0.03	701	0.70	0.01	0.21	6.8
2116	Soil	1.65	3.78	<0.05	<0.02	<0.01	0.02	6.6	7.4	0.10	126	0.80	<0.01	0.37	6.7
2117	Soil	3.81	6.39	<0.05	<0.02	0.02	0.02	11.9	44.4	0.54	282	1.07	<0.01	0.94	25.3
2118	Soil	3.94	6.64	<0.05	0.08	0.02	0.02	9.5	35.8	0.38	329	0.77	<0.01	0.58	20.2
2119	Soil	1.61	3.63	<0.05	<0.02	<0.01	0.02	8.0	5.3	0.06	84	0.68	<0.01	0.66	7.9
2120	Soil	0.23	0.62	<0.05	0.02	<0.01	0.02	0.9	0.4	0.01	25	0.42	0.01	0.05	2.0
2121	Soil	3.87	6.45	<0.05	<0.02	0.02	0.03	9.4	23.3	0.26	203	1.25	<0.01	0.79	12.4
2122	Soil	3.45	4.65	<0.05	0.08	0.02	0.02	8.7	41.5	0.44	272	0.61	<0.01	0.21	24.3
2123	Soil	5.54	1.26	0.05	<0.02	0.07	<0.01	5.0	0.3	0.01	74	1.00	<0.01	0.12	16.6
2124	Soil	2.24	4.62	<0.05	0.04	0.01	0.01	10.3	8.2	0.07	148	0.81	<0.01	0.94	8.7
2125	Soil	0.34	1.95	<0.05	0.03	<0.01	0.02	3.6	1.3	0.02	123	0.45	0.01	0.13	2.1
2126	Soil	2.25	4.06	<0.05	0.04	<0.01	0.02	6.0	6.1	0.05	113	1.07	<0.01	0.65	9.3
2127	Soil	3.31	6.21	<0.05	0.02	0.02	0.02	11.3	18.4	0.19	155	0.98	<0.01	1.41	11.7
2128	Soil	0.20	0.86	<0.05	<0.02	<0.01	0.01	0.8	0.3	<0.01	97	0.31	0.01	0.06	1.1
2129	Soil	2.59	3.28	<0.05	0.02	<0.01	0.02	11.7	2.0	0.02	176	1.71	<0.01	0.78	19.2
2130	Soil	1.89	3.81	<0.05	3.13	<0.01	0.02	10.4	5.1	0.06	107	0.94	<0.01	0.60	10.5
2131	Soil	1.84	3.27	<0.05	0.48	0.03	0.03	8.4	7.4	0.05	185	0.86	0.01	0.48	9.8
2132	Soil	0.15	0.54	<0.05	0.72	<0.01	0.02	0.5	0.4	0.01	27	0.35	0.02	0.14	1.0
2133	Soil	3.83	2.50	<0.05	0.11	0.02	0.03	14.2	5.0	0.05	312	1.75	<0.01	0.46	24.9
2134	Soil	3.01	4.00	<0.05	0.07	0.02	0.05	18.9	38.8	0.48	371	0.55	<0.01	0.24	26.3
2135	Soil	3.25	4.16	<0.05	0.19	0.02	0.06	16.4	52.1	0.52	665	0.73	<0.01	0.27	35.7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2136	Soil	3.06	3.98	<0.05	0.10	0.02	0.06	16.0	45.3	0.37	341	0.62	0.01	0.29	25.4
2137	Soil	1.63	3.26	<0.05	0.04	<0.01	0.03	25.6	10.6	0.10	108	0.62	<0.01	0.44	8.5
2138	Soil	3.08	3.69	<0.05	0.07	0.02	0.05	23.2	33.1	0.32	377	0.63	0.01	0.27	25.0
8501	Soil	3.01	3.53	<0.05	0.16	0.02	0.05	12.5	36.1	0.36	478	0.55	<0.01	0.26	27.5
8502	Soil	2.83	3.06	<0.05	0.17	0.02	0.05	12.7	21.5	0.30	350	0.57	<0.01	0.25	24.5
8503	Soil	3.14	3.36	<0.05	0.13	0.02	0.05	14.0	25.3	0.29	308	0.56	<0.01	0.35	20.8
8504	Soil	2.53	2.76	<0.05	0.20	0.02	0.05	9.2	21.6	0.29	397	0.51	<0.01	0.37	22.6
8505	Soil	2.68	2.94	<0.05	0.18	0.02	0.05	11.2	25.1	0.30	381	0.49	0.01	0.39	22.6
8506	Soil	2.84	3.49	<0.05	0.10	0.02	0.05	15.1	30.3	0.31	400	0.62	0.01	0.41	23.2
8507	Soil	2.98	3.52	<0.05	0.11	0.02	0.05	14.6	35.5	0.36	522	0.64	0.01	0.49	26.0
8508	Soil	2.42	3.13	<0.05	0.07	0.02	0.04	12.9	28.1	0.28	375	0.52	0.02	0.38	18.9
8509	Soil	1.97	2.15	<0.05	0.12	0.01	0.03	6.9	24.1	0.23	359	0.46	0.01	0.34	17.2
8510	Soil	2.82	3.19	<0.05	0.12	0.02	0.04	12.2	35.9	0.31	382	0.56	<0.01	0.43	22.4
8511	Soil	2.51	3.02	<0.05	0.14	0.02	0.04	11.1	31.5	0.29	403	0.47	0.01	0.44	21.5
8512	Soil	2.62	2.89	<0.05	0.14	0.02	0.04	11.2	33.0	0.30	497	0.51	<0.01	0.37	23.0
8513	Soil	2.69	3.24	<0.05	0.16	0.02	0.05	11.6	37.6	0.33	549	0.48	0.01	0.43	25.2
8514	Soil	2.00	2.74	<0.05	0.17	0.01	0.05	6.9	32.0	0.29	273	0.53	0.01	0.45	18.2
8515	Soil	2.94	5.11	<0.05	0.13	0.02	0.05	14.8	53.9	0.54	369	0.60	0.01	0.36	26.4
8516	Soil	2.55	2.90	<0.05	0.02	0.02	0.02	19.9	22.4	0.19	131	0.78	<0.01	0.27	15.4
8517	Soil	2.97	3.57	<0.05	0.05	0.03	0.04	22.3	36.4	0.26	202	0.69	<0.01	0.31	22.2
8518	Soil	2.64	3.39	<0.05	0.04	0.02	0.03	16.9	30.7	0.25	165	0.54	<0.01	0.33	16.0
8519	Soil	2.88	3.53	<0.05	0.05	0.02	0.03	16.8	44.5	0.33	185	0.53	<0.01	0.28	19.4
8520	Soil	2.18	3.55	<0.05	0.11	0.01	0.03	12.9	41.4	0.28	384	0.54	<0.01	0.62	14.9
8521	Soil	2.69	3.90	<0.05	0.08	0.02	0.04	18.8	45.8	0.34	228	0.59	<0.01	0.51	19.6
8522	Soil	2.94	3.86	<0.05	0.12	0.02	0.05	23.2	51.1	0.39	327	0.53	0.01	0.35	25.9
8523	Soil	2.39	3.32	<0.05	0.17	0.02	0.06	11.5	41.1	0.31	403	0.55	0.01	0.52	22.6
8524	Soil	1.62	1.94	<0.05	0.16	0.01	0.04	4.5	25.0	0.27	259	0.88	<0.01	0.27	17.4
8525	Soil	1.67	4.56	<0.05	<0.02	<0.01	0.02	10.3	9.6	0.10	161	0.87	0.01	0.74	7.3
8526	Soil	1.89	3.98	<0.05	3.12	<0.01	0.02	8.2	5.2	0.05	135	0.75	<0.01	0.70	8.2
8527	Soil	2.13	3.84	<0.05	0.55	0.01	0.03	7.8	2.6	0.03	174	1.18	<0.01	0.49	12.1
8528	Soil	1.88	2.97	<0.05	0.25	<0.01	0.02	5.1	8.3	0.08	98	0.75	0.01	0.35	9.2
8529	Soil	1.39	3.53	<0.05	0.20	<0.01	0.02	5.3	8.2	0.09	73	0.54	0.01	0.19	6.3
8530	Soil	2.43	5.08	<0.05	0.14	0.01	0.02	6.8	32.1	0.21	219	0.66	<0.01	0.53	10.9
8531	Soil	3.14	5.20	<0.05	0.08	0.02	0.02	15.7	33.5	0.28	192	0.82	<0.01	0.55	20.2
8532	Soil	3.20	4.81	<0.05	0.10	0.02	0.02	16.4	35.5	0.27	226	0.71	<0.01	0.48	18.3
8533	Soil	0.41	1.89	<0.05	0.16	<0.01	0.03	1.2	1.9	0.02	71	0.42	0.02	0.25	2.6
8534	Soil	1.57	3.23	<0.05	0.07	<0.01	0.02	5.6	16.0	0.14	155	0.64	0.01	0.36	8.8
8535	Soil	2.90	4.47	<0.05	0.04	0.01	0.02	7.0	18.5	0.16	126	1.02	<0.01	0.63	15.5
8536	Soil	3.58	3.16	<0.05	0.05	0.02	0.02	11.3	23.3	0.22	214	0.87	<0.01	0.15	35.1
8537	Soil	2.35	3.40	<0.05	0.34	0.02	0.04	7.7	49.0	0.40	874	1.00	0.01	0.42	36.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8538	Soil	3.62	5.11	<0.05	0.05	0.02	0.02	12.3	38.4	0.43	165	1.15	<0.01	0.37	15.5
8539	Soil	0.87	2.13	<0.05	0.07	<0.01	0.03	4.7	3.0	0.03	431	2.28	0.01	0.30	15.4
8540	Soil	1.95	5.03	<0.05	0.03	0.01	0.02	13.8	35.0	0.30	157	0.79	<0.01	0.92	14.3
8541	Soil	1.78	3.51	<0.05	0.03	<0.01	0.03	8.2	9.6	0.05	286	0.76	0.01	0.56	7.5
8542	Soil	2.27	4.31	<0.05	0.06	0.02	0.03	10.5	17.3	0.11	336	0.78	0.01	0.85	12.1
8543	Soil	0.23	1.22	<0.05	0.08	<0.01	0.02	1.2	2.2	0.02	95	0.38	0.02	0.23	1.5
8544	Soil	3.53	3.88	<0.05	0.16	0.02	0.05	9.6	63.3	0.39	327	1.03	<0.01	0.50	46.6
8545	Soil	2.58	2.33	<0.05	0.07	0.02	0.04	6.4	17.6	0.18	1638	1.66	<0.01	0.23	22.1
8546	Soil	3.29	2.18	<0.05	0.06	0.03	0.04	9.6	12.6	0.14	595	2.11	<0.01	0.15	23.8
8547	Soil	2.46	3.13	<0.05	0.32	0.02	0.06	8.1	28.4	0.26	820	0.77	0.01	0.38	36.1
8548	Soil	2.25	3.47	<0.05	0.27	0.02	0.06	8.6	37.7	0.30	300	0.57	0.01	0.41	23.6
5001	Soil	1.86	4.57	<0.05	<0.02	<0.01	0.03	10.8	29.1	0.26	127	0.80	<0.01	0.76	14.3
5002	Soil	1.30	3.70	<0.05	<0.02	<0.01	0.03	8.6	7.8	0.07	141	0.73	0.01	0.33	6.3
5003	Soil	1.54	3.66	<0.05	<0.02	<0.01	0.02	8.9	2.5	0.02	105	0.87	0.01	0.34	7.2
5004	Soil	2.72	4.02	<0.05	0.11	0.02	0.02	4.5	25.7	0.19	177	0.89	0.01	0.65	15.3
5005	Soil	2.33	3.56	<0.05	0.05	0.01	0.02	5.7	19.0	0.16	161	0.97	0.01	0.35	12.8
5006	Soil	1.11	3.01	<0.05	0.06	<0.01	0.02	11.4	3.6	0.05	90	0.84	<0.01	0.38	6.9
5007	Soil	2.49	4.28	<0.05	0.02	0.02	0.03	11.0	25.5	0.22	213	0.95	<0.01	0.47	16.5
5008	Soil	0.95	2.26	<0.05	0.04	<0.01	0.02	4.1	6.5	0.05	129	0.74	0.02	0.23	6.5
5009	Soil	2.15	4.64	<0.05	<0.02	0.01	0.03	11.2	28.6	0.25	422	0.98	0.01	0.67	14.2
5010	Soil	3.23	4.83	<0.05	0.05	0.02	0.03	19.4	67.4	0.58	507	0.78	<0.01	0.43	34.0
5011	Soil	2.81	3.99	<0.05	0.04	0.01	0.03	12.9	54.1	0.45	279	0.69	<0.01	0.19	26.8
5012	Soil	2.58	4.09	<0.05	3.16	0.02	0.03	11.2	45.9	0.40	248	0.68	0.01	0.29	25.5
5013	Soil	3.83	5.46	<0.05	0.39	0.02	0.03	23.5	79.8	0.67	387	0.71	<0.01	0.20	37.3
5014	Soil	3.38	4.94	<0.05	0.24	0.02	0.04	22.0	67.7	0.58	407	0.71	<0.01	0.15	36.8
5015	Soil	3.74	5.50	<0.05	0.17	0.02	0.04	23.2	76.3	0.66	474	0.76	<0.01	0.17	40.1
5016	Soil	3.76	5.58	<0.05	0.14	0.02	0.04	25.2	78.8	0.64	433	0.89	<0.01	0.18	40.8
5017	Soil	2.80	4.68	<0.05	0.16	0.02	0.04	18.8	63.2	0.52	331	0.81	<0.01	0.27	30.3
5018	Soil	2.33	4.54	<0.05	0.18	0.02	0.04	19.1	27.5	0.23	283	0.85	<0.01	0.37	17.9
5019	Soil	3.41	6.03	<0.05	0.12	0.02	0.04	15.9	92.3	0.72	395	0.79	<0.01	0.40	34.8
5020	Soil	2.68	5.11	<0.05	0.09	0.01	0.03	16.5	64.4	0.54	407	0.63	0.01	0.37	25.8
5021	Soil	3.10	4.22	<0.05	0.12	0.02	0.02	13.2	72.5	0.49	400	0.79	<0.01	0.40	25.9
5022	Soil	1.46	2.53	<0.05	0.10	<0.01	0.02	10.8	13.7	0.10	108	0.51	0.01	0.31	9.0
5023	Soil	2.52	3.00	<0.05	0.24	0.02	0.05	14.7	23.3	0.14	590	0.90	<0.01	0.38	19.3
5024	Soil	2.36	3.44	<0.05	0.12	0.02	0.05	17.5	61.9	0.26	316	0.67	0.01	0.43	21.9
2052	Soil	3.20	4.68	<0.05	0.07	0.02	0.05	29.8	64.5	0.51	334	0.59	<0.01	0.20	32.5
2053	Soil	3.62	5.26	<0.05	0.09	0.02	0.06	24.8	81.8	0.63	526	0.84	0.01	0.31	39.4
2054	Soil	2.78	4.30	<0.05	0.04	0.01	0.04	20.0	43.7	0.31	294	0.72	0.01	0.59	19.0
789	Soil	3.21	5.28	<0.05	0.16	0.02	0.04	23.8	86.4	0.63	379	0.65	<0.01	0.35	35.6
790	Soil	3.19	4.79	<0.05	0.21	0.02	0.03	14.5	82.7	0.58	521	0.64	<0.01	0.38	34.6

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
791	Soil	3.03	4.13	<0.05	0.26	0.02	0.04	12.9	68.3	0.55	444	0.60	<0.01	0.38	31.8
792	Soil	2.85	4.14	<0.05	0.23	0.02	0.04	12.7	68.5	0.51	444	0.58	<0.01	0.41	30.0
793	Soil	3.19	4.59	<0.05	0.11	0.02	0.05	21.0	68.6	0.51	899	0.62	0.01	0.33	33.8
794	Soil	2.60	4.10	<0.05	0.03	0.02	0.03	22.7	39.7	0.29	225	0.56	<0.01	0.49	17.7
795	Soil	2.90	4.35	<0.05	0.04	0.02	0.04	29.4	66.0	0.49	308	0.51	<0.01	0.37	26.6
5988	Soil	0.91	5.51	<0.05	0.03	<0.01	0.02	33.2	8.4	0.07	107	0.62	<0.01	0.35	4.5

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2096	Soil	473	23.4	3.4	<0.01	<0.01	0.81	2.8	0.6	0.3	23.2	0.01	0.05	10.5	<0.005
2097	Soil	436	33.5	3.5	<0.01	<0.01	0.57	3.7	0.7	0.2	19.9	<0.01	0.05	20.1	<0.005
2098	Soil	310	26.8	4.9	<0.01	0.01	0.75	2.1	0.5	0.2	12.5	<0.01	0.05	12.1	<0.005
2099	Soil	455	21.8	4.8	<0.01	0.02	0.67	2.1	0.5	0.2	61.4	<0.01	0.04	8.0	<0.005
2100	Soil	424	22.6	4.0	<0.01	0.01	0.78	2.4	0.6	0.2	48.7	<0.01	0.04	9.3	<0.005
2101	Soil	432	23.8	3.4	<0.01	0.01	0.90	2.8	0.8	<0.2	74.8	<0.01	0.02	10.2	<0.005
2102	Soil	322	23.8	4.0	<0.01	0.01	0.80	2.9	0.5	<0.2	39.8	<0.01	0.02	12.1	<0.005
2103	Soil	515	26.4	4.9	<0.01	0.02	0.76	2.9	0.8	0.2	65.8	<0.01	0.04	8.3	<0.005
2104	Soil	299	20.7	5.2	<0.01	0.02	0.62	1.5	0.4	0.2	14.7	<0.01	0.04	7.7	<0.005
2105	Soil	480	24.7	3.6	<0.01	0.02	0.86	2.3	0.8	<0.2	52.6	<0.01	0.04	8.3	<0.005
2106	Soil	462	20.4	2.1	<0.01	<0.01	0.72	1.9	0.6	<0.2	24.2	<0.01	0.04	9.9	<0.005
2107	Soil	438	25.1	4.2	<0.01	0.02	0.86	2.5	0.7	0.2	62.7	<0.01	0.04	8.4	<0.005
2108	Soil	305	12.8	3.6	<0.01	0.02	0.60	1.3	0.6	<0.2	59.6	<0.01	0.02	3.6	<0.005
2109	Soil	564	21.8	3.3	<0.01	0.03	0.94	2.4	0.8	0.2	74.2	<0.01	0.02	4.8	<0.005
2110	Soil	548	21.9	3.3	<0.01	<0.01	1.70	2.5	0.5	0.2	154.0	0.01	0.02	6.3	<0.005
2111	Soil	216	15.0	5.3	<0.01	<0.01	0.57	1.4	0.3	0.2	21.9	<0.01	0.01	8.1	<0.005
2112	Soil	224	21.0	3.6	<0.01	<0.01	0.71	3.7	0.4	<0.2	23.6	<0.01	0.01	16.9	<0.005
2113	Soil	489	24.6	4.0	<0.01	0.03	0.67	2.6	0.8	<0.2	60.4	<0.01	0.02	7.6	<0.005
2114	Soil	429	19.6	4.6	<0.01	0.01	0.69	0.3	0.3	0.5	3.4	<0.01	0.04	1.3	0.007
2115	Soil	512	23.1	5.8	<0.01	0.03	0.48	<0.1	0.3	0.3	6.1	<0.01	0.03	0.2	<0.005
2116	Soil	374	11.4	5.3	<0.01	0.02	0.40	0.1	0.3	0.3	4.5	<0.01	0.05	0.3	<0.005
2117	Soil	540	21.9	4.9	<0.01	0.01	0.55	1.0	0.4	0.4	5.7	<0.01	0.09	4.1	0.010
2118	Soil	814	22.5	5.4	<0.01	0.02	0.32	0.8	0.4	0.3	4.2	<0.01	0.09	6.6	<0.005
2119	Soil	339	11.5	3.0	<0.01	0.01	0.34	0.3	0.2	0.4	4.1	<0.01	0.03	1.4	0.009
2120	Soil	314	2.4	0.8	<0.01	0.01	<0.05	<0.1	<0.2	<0.2	5.5	<0.01	<0.01	<0.2	<0.005
2121	Soil	622	29.3	6.9	<0.01	0.02	0.74	0.5	0.3	0.4	8.4	<0.01	0.15	3.2	0.006
2122	Soil	440	25.7	4.6	<0.01	0.01	0.61	1.0	0.3	<0.2	6.1	<0.01	0.07	7.1	<0.005
2123	Soil	223	238.8	2.7	<0.01	0.01	6.99	0.5	0.5	2.4	7.9	<0.01	0.12	5.1	<0.005
2124	Soil	305	12.4	2.6	<0.01	<0.01	0.43	0.5	<0.2	0.5	3.3	<0.01	0.03	1.3	0.008
2125	Soil	307	6.3	1.6	<0.01	<0.01	0.06	<0.1	<0.2	0.2	5.2	<0.01	<0.01	<0.2	<0.005
2126	Soil	390	20.1	3.0	<0.01	0.01	0.84	0.4	0.3	0.3	4.3	<0.01	0.10	4.8	<0.005
2127	Soil	402	18.1	4.4	<0.01	0.01	0.58	0.8	0.2	0.5	4.1	<0.01	0.07	5.1	0.011
2128	Soil	174	2.6	0.9	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	5.9	<0.01	<0.01	<0.2	<0.005
2129	Soil	489	25.3	4.6	<0.01	0.01	0.57	0.5	0.2	0.5	5.3	<0.01	0.03	5.1	0.010
2130	Soil	387	20.5	3.3	<0.01	0.02	0.48	0.5	<0.2	0.5	4.9	<0.01	0.02	1.8	0.009
2131	Soil	477	113.3	6.0	<0.01	0.02	1.04	0.3	<0.2	0.5	15.6	<0.01	0.02	0.8	<0.005
2132	Soil	132	3.5	1.0	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	7.9	<0.01	<0.01	<0.2	<0.005
2133	Soil	309	22.9	4.8	<0.01	0.01	1.55	1.1	0.3	0.3	9.2	<0.01	0.15	10.9	<0.005
2134	Soil	336	19.5	4.2	<0.01	<0.01	0.58	1.6	0.3	<0.2	10.6	<0.01	0.05	10.9	<0.005
2135	Soil	500	28.9	6.4	<0.01	0.02	0.89	2.4	0.5	<0.2	25.3	<0.01	0.05	10.9	<0.005

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2136	Soil	385	21.1	6.3	<0.01	0.01	0.56	1.6	0.4	<0.2	13.5	<0.01	0.03	9.5	<0.005
2137	Soil	185	10.0	4.0	<0.01	<0.01	0.51	0.7	<0.2	0.3	8.4	<0.01	0.02	6.7	<0.005
2138	Soil	449	21.5	4.9	<0.01	<0.01	1.03	2.2	0.4	<0.2	20.9	<0.01	0.03	11.9	<0.005
8501	Soil	545	20.9	4.1	<0.01	0.01	0.73	2.5	0.5	<0.2	38.8	<0.01	0.04	9.2	<0.005
8502	Soil	387	18.2	4.3	<0.01	0.01	0.72	2.2	0.5	<0.2	37.2	<0.01	0.02	10.1	<0.005
8503	Soil	353	21.4	6.1	<0.01	0.02	0.73	1.7	0.3	0.2	17.0	<0.01	0.03	9.4	<0.005
8504	Soil	499	17.4	4.7	<0.01	0.04	0.65	2.1	0.7	<0.2	79.6	<0.01	0.02	7.7	<0.005
8505	Soil	485	17.5	4.0	<0.01	0.02	0.65	2.4	0.6	<0.2	80.4	<0.01	0.02	8.4	<0.005
8506	Soil	409	18.8	5.2	<0.01	0.02	0.64	2.2	0.4	<0.2	40.4	<0.01	0.02	8.5	<0.005
8507	Soil	404	19.8	5.3	<0.01	0.02	0.64	2.4	0.6	0.2	59.0	<0.01	0.02	7.2	<0.005
8508	Soil	342	15.9	5.1	<0.01	0.01	0.51	1.9	0.5	<0.2	40.3	<0.01	0.03	5.7	<0.005
8509	Soil	326	12.0	3.1	<0.01	0.02	0.50	1.2	0.5	<0.2	63.9	<0.01	<0.01	3.6	<0.005
8510	Soil	320	18.4	4.8	<0.01	0.02	0.68	2.1	0.6	<0.2	39.4	<0.01	0.02	7.3	<0.005
8511	Soil	380	17.4	4.3	<0.01	0.02	0.67	2.1	0.6	<0.2	65.7	<0.01	0.02	6.0	<0.005
8512	Soil	532	19.2	4.5	<0.01	0.02	0.68	2.2	0.6	<0.2	77.9	<0.01	<0.01	6.5	<0.005
8513	Soil	483	20.2	4.1	<0.01	0.02	0.80	2.3	0.6	<0.2	87.6	<0.01	0.02	7.0	<0.005
8514	Soil	506	13.6	4.5	<0.01	0.04	0.62	1.3	1.0	<0.2	124.1	<0.01	0.03	3.6	<0.005
8515	Soil	350	18.4	4.5	<0.01	<0.01	0.46	2.0	0.3	0.2	39.8	<0.01	0.03	10.5	<0.005
8516	Soil	148	12.1	4.8	<0.01	<0.01	0.85	1.4	<0.2	0.2	9.4	<0.01	0.03	10.1	<0.005
8517	Soil	214	21.6	6.3	<0.01	<0.01	0.67	1.7	0.4	0.2	12.0	<0.01	0.02	13.5	<0.005
8518	Soil	196	14.1	3.5	<0.01	<0.01	0.50	1.2	0.2	<0.2	4.5	<0.01	0.02	9.4	<0.005
8519	Soil	203	13.8	6.0	<0.01	<0.01	0.47	1.4	0.3	<0.2	10.7	<0.01	0.02	10.5	<0.005
8520	Soil	190	13.9	4.5	<0.01	<0.01	0.32	1.1	0.2	0.2	38.9	<0.01	<0.01	5.8	<0.005
8521	Soil	183	13.8	5.3	<0.01	<0.01	0.45	1.7	0.3	0.2	17.0	<0.01	0.01	10.7	<0.005
8522	Soil	157	18.9	5.2	<0.01	<0.01	0.58	3.6	0.4	<0.2	20.9	<0.01	0.02	15.9	<0.005
8523	Soil	588	15.9	4.7	<0.01	0.03	0.50	2.0	0.5	<0.2	82.7	<0.01	0.03	5.8	<0.005
8524	Soil	733	12.2	3.2	<0.01	0.12	0.33	0.9	0.8	<0.2	106.4	<0.01	<0.01	2.9	<0.005
8525	Soil	422	12.2	3.8	<0.01	0.01	0.34	0.3	0.3	0.5	4.6	<0.01	0.01	0.6	0.007
8526	Soil	360	13.5	3.6	<0.01	0.01	0.60	0.5	0.2	0.4	3.9	<0.01	0.04	2.2	0.006
8527	Soil	584	33.9	5.4	<0.01	0.02	0.62	0.2	0.2	0.4	8.8	<0.01	0.03	0.6	<0.005
8528	Soil	415	14.4	3.1	<0.01	0.02	0.52	0.2	<0.2	0.2	6.3	<0.01	0.05	0.4	<0.005
8529	Soil	583	9.5	2.1	<0.01	0.02	0.22	<0.1	<0.2	0.3	5.6	<0.01	<0.01	<0.2	<0.005
8530	Soil	356	18.1	3.8	<0.01	0.01	0.15	0.5	0.2	0.2	6.0	<0.01	0.04	2.7	<0.005
8531	Soil	348	18.2	3.7	<0.01	0.01	0.64	0.9	0.3	0.3	4.3	<0.01	0.07	7.8	<0.005
8532	Soil	256	25.4	5.5	<0.01	<0.01	0.57	1.1	0.3	0.3	3.9	<0.01	0.05	9.6	<0.005
8533	Soil	296	5.6	1.9	<0.01	0.02	<0.05	<0.1	<0.2	<0.2	9.6	<0.01	<0.01	0.3	0.007
8534	Soil	334	12.0	4.2	<0.01	0.02	0.33	0.2	<0.2	<0.2	5.6	<0.01	0.02	0.4	<0.005
8535	Soil	419	15.5	6.2	<0.01	0.02	2.20	0.4	<0.2	0.4	11.7	<0.01	0.07	1.3	0.006
8536	Soil	271	22.0	3.0	<0.01	<0.01	2.11	1.2	<0.2	<0.2	10.5	<0.01	0.07	7.7	<0.005
8537	Soil	1239	30.5	7.6	<0.01	0.08	0.68	1.0	1.3	<0.2	56.6	0.01	0.03	2.7	<0.005

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8538	Soil	411	24.1	3.0	<0.01	0.01	1.89	0.7	0.3	0.2	5.2	<0.01	0.24	6.6	<0.005
8539	Soil	546	15.6	3.3	<0.01	0.02	0.41	0.1	0.2	<0.2	8.4	<0.01	<0.01	0.3	<0.005
8540	Soil	208	25.5	3.1	<0.01	<0.01	0.34	1.0	<0.2	0.4	4.0	<0.01	0.03	6.4	0.006
8541	Soil	387	17.5	5.7	<0.01	0.01	0.25	0.4	<0.2	0.3	5.5	<0.01	<0.01	2.4	<0.005
8542	Soil	287	59.6	7.9	<0.01	0.01	0.50	0.9	0.3	0.4	11.4	<0.01	0.02	7.4	0.005
8543	Soil	186	6.1	0.8	<0.01	0.02	0.14	0.2	<0.2	<0.2	17.0	<0.01	<0.01	<0.2	0.010
8544	Soil	256	27.6	6.0	<0.01	0.02	1.53	2.0	0.3	0.2	16.0	<0.01	0.10	18.2	<0.005
8545	Soil	410	21.5	3.9	<0.01	0.02	1.25	0.7	0.2	<0.2	16.5	<0.01	0.08	5.8	<0.005
8546	Soil	367	33.9	7.8	<0.01	0.02	1.54	0.8	0.3	0.2	15.4	<0.01	0.09	7.7	<0.005
8547	Soil	837	23.5	4.7	<0.01	0.06	0.65	1.6	1.0	<0.2	112.0	<0.01	0.06	5.9	<0.005
8548	Soil	584	18.3	4.5	<0.01	0.04	0.53	1.5	0.4	<0.2	90.0	<0.01	0.02	5.7	<0.005
5001	Soil	241	17.9	2.6	<0.01	0.01	0.32	0.7	<0.2	0.4	9.9	<0.01	0.02	2.0	<0.005
5002	Soil	368	10.8	3.8	<0.01	0.01	0.31	0.2	0.2	0.4	5.2	<0.01	<0.01	0.3	0.006
5003	Soil	371	9.3	3.6	<0.01	0.01	0.62	0.2	<0.2	0.3	5.1	<0.01	0.05	0.3	<0.005
5004	Soil	351	19.4	3.6	<0.01	0.02	0.70	0.8	0.3	0.2	4.2	0.01	0.05	6.6	0.008
5005	Soil	292	18.0	3.8	<0.01	0.01	0.76	0.6	<0.2	<0.2	9.3	<0.01	0.11	5.0	<0.005
5006	Soil	218	16.4	3.0	<0.01	<0.01	0.31	0.2	<0.2	0.4	4.3	<0.01	<0.01	0.4	0.006
5007	Soil	351	52.5	3.8	<0.01	0.01	0.60	0.4	<0.2	0.3	5.7	<0.01	0.06	0.9	<0.005
5008	Soil	365	15.7	2.5	<0.01	0.02	0.19	<0.1	<0.2	0.2	10.7	<0.01	<0.01	<0.2	<0.005
5009	Soil	345	14.9	5.9	<0.01	0.01	0.32	0.5	0.3	0.4	13.0	<0.01	<0.01	0.6	0.009
5010	Soil	333	30.7	4.7	<0.01	<0.01	0.71	1.6	0.3	0.2	10.7	<0.01	0.05	8.7	<0.005
5011	Soil	242	21.1	2.8	<0.01	0.01	0.57	1.2	<0.2	<0.2	9.2	<0.01	0.05	7.1	<0.005
5012	Soil	455	31.9	4.0	<0.01	0.01	0.63	1.3	0.2	<0.2	7.0	<0.01	0.03	6.2	<0.005
5013	Soil	287	29.9	4.0	<0.01	<0.01	0.68	1.7	0.2	<0.2	4.3	<0.01	0.06	15.3	<0.005
5014	Soil	360	30.4	3.5	<0.01	<0.01	0.79	1.9	<0.2	<0.2	7.6	<0.01	0.05	13.3	<0.005
5015	Soil	353	32.9	3.7	<0.01	<0.01	0.80	1.9	<0.2	<0.2	6.1	<0.01	0.05	12.8	<0.005
5016	Soil	330	34.6	4.3	<0.01	<0.01	0.77	1.9	<0.2	<0.2	4.9	<0.01	0.04	14.6	<0.005
5017	Soil	320	26.2	4.6	<0.01	<0.01	0.73	1.6	<0.2	<0.2	6.9	<0.01	0.04	7.7	<0.005
5018	Soil	590	35.0	5.3	<0.01	0.01	0.51	0.9	<0.2	0.2	8.5	<0.01	0.04	5.0	<0.005
5019	Soil	409	30.2	4.9	<0.01	0.01	0.65	1.7	0.2	0.2	11.0	<0.01	0.05	7.6	<0.005
5020	Soil	389	33.4	4.7	<0.01	<0.01	0.47	1.4	<0.2	0.2	12.3	<0.01	0.02	6.0	<0.005
5021	Soil	289	28.2	3.8	<0.01	<0.01	0.60	1.5	<0.2	<0.2	7.3	<0.01	0.03	8.8	<0.005
5022	Soil	154	8.0	3.4	<0.01	<0.01	0.45	0.6	<0.2	<0.2	4.2	<0.01	0.01	4.6	<0.005
5023	Soil	610	29.7	10.3	<0.01	0.01	0.57	1.2	<0.2	0.2	19.2	<0.01	0.03	10.8	<0.005
5024	Soil	199	23.2	7.4	<0.01	<0.01	0.56	1.3	<0.2	<0.2	12.1	<0.01	<0.01	10.2	<0.005
2052	Soil	292	22.6	4.4	<0.01	<0.01	0.77	1.8	<0.2	<0.2	6.6	<0.01	0.05	12.4	<0.005
2053	Soil	488	31.1	4.5	<0.01	<0.01	0.89	2.8	<0.2	<0.2	23.9	<0.01	0.08	16.7	<0.005
2054	Soil	239	13.8	5.6	<0.01	<0.01	0.49	1.2	<0.2	0.2	6.4	<0.01	0.02	7.1	0.005
789	Soil	450	21.6	3.7	<0.01	<0.01	0.65	2.2	<0.2	<0.2	10.8	<0.01	0.04	12.5	<0.005
790	Soil	384	25.1	3.1	<0.01	0.01	0.79	2.2	0.4	<0.2	17.6	<0.01	0.04	11.1	<0.005

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
791	Soil	495	21.4	3.4	<0.01	0.03	0.67	2.2	0.3	<0.2	30.4	<0.01	0.02	10.8	<0.005
792	Soil	549	23.3	4.0	<0.01	0.03	0.66	2.1	0.3	<0.2	39.8	<0.01	0.04	9.6	<0.005
793	Soil	505	31.6	3.9	<0.01	<0.01	0.79	2.4	<0.2	<0.2	19.0	<0.01	0.05	12.7	<0.005
794	Soil	318	17.7	4.5	<0.01	<0.01	0.57	1.2	<0.2	0.3	8.0	<0.01	<0.01	6.4	<0.005
795	Soil	332	16.6	4.5	<0.01	<0.01	0.62	2.1	0.3	0.2	8.9	<0.01	<0.01	13.7	<0.005
5988	Soil	317	15.2	4.8	<0.01	<0.01	0.29	0.6	<0.2	0.4	4.8	<0.01	<0.01	3.1	<0.005

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2096	Soil	<0.05	1.14	20	0.21	5.54	73	2.9
2097	Soil	<0.05	1.44	25	0.21	8.91	101	3.4
2098	Soil	<0.05	1.15	20	0.20	3.61	81	2.6
2099	Soil	<0.05	1.19	18	0.19	5.74	66	2.8
2100	Soil	<0.05	1.48	19	0.19	7.04	72	3.1
2101	Soil	<0.05	1.38	18	0.40	7.14	72	3.1
2102	Soil	<0.05	0.99	18	0.16	7.13	72	3.1
2103	Soil	<0.05	2.13	20	0.15	8.88	69	3.0
2104	Soil	<0.05	0.64	19	0.16	2.86	60	1.4
2105	Soil	<0.05	1.68	19	0.16	6.92	76	3.2
2106	Soil	<0.05	0.81	18	0.20	4.64	68	2.4
2107	Soil	<0.05	1.82	21	0.18	7.58	76	3.7
2108	Soil	<0.05	2.91	13	0.11	4.03	37	2.9
2109	Soil	<0.05	3.30	20	0.13	7.32	63	2.6
2110	Soil	<0.05	1.03	15	0.13	7.31	60	2.5
2111	Soil	<0.05	0.53	18	0.07	2.24	48	0.9
2112	Soil	<0.05	0.68	18	0.09	8.28	60	3.0
2113	Soil	<0.05	1.01	18	0.15	7.23	84	3.4
2114	Soil	<0.05	0.56	23	4.67	1.06	41	<0.5
2115	Soil	<0.05	0.42	12	0.20	0.73	38	<0.5
2116	Soil	<0.05	0.44	17	0.22	0.71	30	<0.5
2117	Soil	<0.05	0.99	34	0.26	1.13	68	<0.5
2118	Soil	<0.05	1.18	31	0.19	1.18	76	1.4
2119	Soil	<0.05	0.44	18	0.22	0.90	41	<0.5
2120	Soil	<0.05	0.12	5	<0.05	0.17	13	<0.5
2121	Soil	<0.05	0.66	26	0.20	0.81	73	<0.5
2122	Soil	<0.05	0.77	23	0.18	1.29	96	1.7
2123	Soil	<0.05	0.83	5	0.44	1.14	95	0.8
2124	Soil	<0.05	0.41	24	0.23	1.16	41	<0.5
2125	Soil	<0.05	0.32	6	0.06	0.51	16	<0.5
2126	Soil	<0.05	0.51	19	0.24	0.82	47	<0.5
2127	Soil	<0.05	0.55	28	0.37	1.18	57	<0.5
2128	Soil	<0.05	0.10	5	<0.05	0.18	15	<0.5
2129	Soil	<0.05	0.78	21	0.29	1.31	89	<0.5
2130	Soil	<0.05	0.52	21	0.23	1.01	48	<0.5
2131	Soil	<0.05	0.56	16	0.19	1.30	85	<0.5
2132	Soil	<0.05	0.09	5	<0.05	0.11	8	<0.5
2133	Soil	0.05	0.89	14	0.18	1.20	115	1.2
2134	Soil	<0.05	0.62	23	0.22	3.14	74	0.8
2135	Soil	<0.05	1.28	24	0.20	8.50	85	3.6

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2136	Soil	<0.05	0.88	21	0.22	3.15	76	1.3
2137	Soil	<0.05	0.42	16	0.17	1.74	32	<0.5
2138	Soil	<0.05	0.76	20	0.15	4.67	71	1.0
8501	Soil	<0.05	1.14	20	0.16	6.65	72	2.9
8502	Soil	<0.05	1.56	17	0.15	6.63	67	2.8
8503	Soil	<0.05	1.02	20	0.20	3.40	78	1.4
8504	Soil	<0.05	1.51	17	0.17	6.43	74	3.6
8505	Soil	<0.05	1.39	18	0.27	7.42	62	3.5
8506	Soil	<0.05	1.14	19	0.13	6.67	59	2.3
8507	Soil	<0.05	1.64	21	0.15	7.29	68	2.2
8508	Soil	<0.05	1.10	18	0.12	4.97	47	1.4
8509	Soil	<0.05	1.41	14	0.08	4.29	45	2.2
8510	Soil	<0.05	1.31	18	0.10	6.22	57	2.2
8511	Soil	<0.05	1.66	17	0.13	6.46	49	2.7
8512	Soil	<0.05	1.26	17	0.12	7.37	60	2.8
8513	Soil	<0.05	1.60	19	0.11	7.06	64	3.4
8514	Soil	<0.05	3.33	16	0.10	4.55	50	3.3
8515	Soil	<0.05	0.93	28	0.10	3.81	68	3.0
8516	Soil	0.05	0.56	17	0.08	1.74	51	0.6
8517	Soil	0.05	0.64	19	0.08	2.65	47	1.3
8518	Soil	<0.05	0.41	17	0.14	1.69	44	0.9
8519	Soil	<0.05	0.57	19	0.08	2.51	56	1.2
8520	Soil	<0.05	0.70	20	0.09	2.11	41	1.4
8521	Soil	<0.05	0.55	21	0.09	4.41	50	1.4
8522	Soil	<0.05	0.67	21	0.08	9.13	60	2.9
8523	Soil	<0.05	1.46	18	0.07	6.26	56	3.6
8524	Soil	<0.05	2.54	12	0.11	3.91	56	2.9
8525	Soil	<0.05	0.45	25	0.27	1.15	32	<0.5
8526	Soil	<0.05	0.41	18	0.24	0.80	42	<0.5
8527	Soil	<0.05	0.58	19	0.19	1.13	71	<0.5
8528	Soil	<0.05	0.39	13	0.15	0.75	47	<0.5
8529	Soil	<0.05	0.41	15	0.08	0.63	22	<0.5
8530	Soil	<0.05	0.79	21	0.11	1.24	46	0.6
8531	Soil	<0.05	0.60	25	0.21	1.30	63	1.0
8532	Soil	<0.05	0.59	23	0.23	1.46	66	1.6
8533	Soil	<0.05	0.27	7	0.06	0.37	12	<0.5
8534	Soil	<0.05	0.40	14	0.16	0.67	32	<0.5
8535	Soil	<0.05	0.67	22	0.21	1.16	71	<0.5
8536	Soil	<0.05	0.84	16	0.26	1.42	96	0.6
8537	Soil	<0.05	3.43	20	0.42	10.70	78	3.2

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Certificate of Analysis

11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8538	Soil	<0.05	0.42	24	0.10	0.76	65	0.8
8539	Soil	<0.05	0.39	9	0.11	1.06	59	<0.5
8540	Soil	<0.05	0.46	26	0.23	1.32	51	0.5
8541	Soil	<0.05	0.36	16	0.17	0.84	42	<0.5
8542	Soil	0.06	0.47	21	0.24	1.28	96	1.2
8543	Soil	<0.05	0.36	5	<0.05	0.63	11	<0.5
8544	Soil	<0.05	1.45	24	0.19	1.73	78	3.4
8545	Soil	<0.05	0.52	12	0.11	0.90	76	1.0
8546	Soil	<0.05	1.02	11	0.10	1.30	97	1.1
8547	Soil	<0.05	3.01	16	0.20	10.16	46	5.6
8548	Soil	<0.05	1.37	17	0.21	5.69	47	5.0
5001	Soil	<0.05	0.63	23	0.22	1.43	44	<0.5
5002	Soil	<0.05	0.32	17	0.18	0.80	37	<0.5
5003	Soil	<0.05	0.38	17	0.35	0.83	37	<0.5
5004	Soil	<0.05	1.17	18	0.12	0.81	44	2.5
5005	Soil	<0.05	0.64	14	0.09	0.60	58	0.8
5006	Soil	<0.05	0.35	19	0.34	1.11	22	<0.5
5007	Soil	<0.05	0.66	21	0.23	1.44	75	<0.5
5008	Soil	<0.05	0.39	12	0.13	0.73	28	<0.5
5009	Soil	<0.05	0.46	27	0.20	1.36	56	<0.5
5010	Soil	<0.05	1.04	27	0.26	2.67	88	0.8
5011	Soil	<0.05	0.59	22	0.21	1.33	67	0.9
5012	Soil	<0.05	0.99	21	0.21	1.68	65	1.4
5013	Soil	<0.05	0.88	32	0.32	1.92	97	1.2
5014	Soil	<0.05	0.78	28	0.29	2.51	93	0.8
5015	Soil	<0.05	0.79	31	0.28	2.54	102	1.0
5016	Soil	<0.05	0.89	31	0.29	2.20	101	0.8
5017	Soil	<0.05	0.70	26	0.22	2.27	72	0.9
5018	Soil	<0.05	0.77	20	0.30	1.57	49	0.9
5019	Soil	<0.05	0.79	34	0.29	2.47	83	1.2
5020	Soil	<0.05	0.74	28	0.24	2.66	63	0.8
5021	Soil	<0.05	0.76	25	0.27	2.10	73	1.3
5022	Soil	<0.05	0.25	12	0.15	0.77	34	0.7
5023	Soil	0.05	0.62	15	0.23	1.44	133	1.5
5024	Soil	<0.05	0.71	18	0.14	1.87	57	1.4
2052	Soil	<0.05	0.58	25	0.23	2.83	78	0.9
2053	Soil	<0.05	0.70	30	0.33	5.19	101	2.3
2054	Soil	<0.05	0.43	23	0.22	1.52	54	<0.5
789	Soil	<0.05	0.63	29	0.24	4.25	78	2.6
790	Soil	<0.05	0.66	26	0.31	4.29	79	3.7

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
791	Soil	<0.05	0.72	25	0.33	4.52	74	4.4
792	Soil	<0.05	0.78	23	0.24	5.02	69	3.8
793	Soil	<0.05	0.75	25	0.28	4.54	77	2.2
794	Soil	<0.05	0.55	19	0.21	2.13	53	<0.5
795	Soil	<0.05	0.73	25	0.21	3.63	68	0.8
5988	Soil	<0.05	0.64	18	0.13	1.86	18	<0.5

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11-360-07702-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2096	Soil		0.19	1.11	99.1	48	0.56	0.34	0.27	0.13	24.72	11.7	17	0.48	21.9
2096 Dup			0.14	1.14	101.1	47	0.49	0.37	0.27	0.11	26.91	12.1	16	0.50	21.9
QCV1109-02856-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.39					9.64				20.6			>10000
2114	Soil		0.09	0.60	71.9	27	0.12	0.40	0.01	0.12	16.45	4.7	8	1.09	12.6
2114 Dup			0.08	0.61	70.5	26	0.16	0.39	0.01	0.11	18.19	4.5	8	1.11	12.7
QCV1109-02856-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6123.2
2132	Soil		0.14	0.08	2.6	14	<0.05	0.02	0.07	0.26	0.85	0.4	1	0.13	1.2
2132 Dup			0.12	0.09	2.6	15	<0.05	0.02	0.07	0.27	1.05	0.5	1	0.14	1.3
QCV1109-02856-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.48					10.24				21.6			>10000
8512	Soil		0.10	1.08	25.2	66	0.58	0.31	1.21	0.11	22.77	9.8	12	0.47	21.3
8512 Dup			0.10	1.12	25.5	68	0.60	0.34	1.22	0.12	25.00	10.3	13	0.51	21.6
QCV1109-02856-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					10.00				22.1			>10000
8530	Soil		0.15	1.00	4.5	44	0.52	0.33	0.02	0.14	11.58	5.3	12	1.40	15.3
8530 Dup			0.14	1.00	4.4	44	0.42	0.34	0.02	0.12	11.56	5.3	12	1.35	15.0
QCV1109-02856-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6233.2
8548	Soil		0.14	1.23	58.7	79	0.59	0.27	1.50	0.10	15.92	8.9	13	0.56	20.8
8548 Dup			0.13	1.19	56.0	74	0.56	0.26	1.48	0.10	14.01	8.8	12	0.51	20.2
QCV1109-02856-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6343.1
5018	Soil		0.25	1.08	84.4	46	0.38	0.42	0.04	0.30	36.16	5.9	16	0.68	28.9
5018 Dup			0.26	1.05	85.2	48	0.39	0.43	0.04	0.29	35.82	5.9	15	0.68	29.0
QCV1109-02856-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.67					10.22				22.7			>10000
QCV1109-02856-0022-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.83					10.37				23.2			>10000
2096	Soil	0.016													
2096 Dup		0.028													

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.223													
2114	Soil	0.011													
2114 Dup		0.014													
QCV1109-02857-0004-BLK		<0.005													
2132	Soil	0.006													
2132 Dup		0.006													
8512	Soil	0.007													
8512 Dup		0.011													
QCV1109-02857-0008-BLK		<0.005													
8530	Soil	0.008													
8530 Dup		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.409													
8548	Soil	0.010													
8548 Dup		0.008													
QCV1109-02857-0012-BLK		<0.005													
5018	Soil	0.014													
5018 Dup		0.038													
QCV1109-02857-0014-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.415													

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2096	Soil	3.05	3.20	<0.05	0.46	0.03	0.04	11.4	37.1	0.38	464	0.74	<0.01	0.56	27.8
2096 Dup		3.10	3.38	<0.05	0.28	0.03	0.04	12.4	39.6	0.39	463	0.67	<0.01	0.45	27.7
QCV1109-02856-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2114	Soil	2.07	4.28	<0.05	<0.02	0.01	0.02	9.0	3.7	0.04	249	1.06	<0.01	0.79	8.8
2114 Dup		2.08	4.17	<0.05	<0.02	0.01	0.02	9.8	3.7	0.04	247	1.03	<0.01	0.75	8.8
QCV1109-02856-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2132	Soil	0.15	0.54	<0.05	0.72	<0.01	0.02	0.5	0.4	0.01	27	0.35	0.02	0.14	1.0
2132 Dup		0.17	0.60	<0.05	0.34	<0.01	0.02	0.6	0.3	0.01	28	0.41	0.02	0.13	1.1
QCV1109-02856-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8512	Soil	2.62	2.89	<0.05	0.14	0.02	0.04	11.2	33.0	0.30	497	0.51	<0.01	0.37	23.0
8512 Dup		2.70	3.08	<0.05	0.15	0.02	0.05	11.9	35.1	0.30	500	0.55	0.01	0.39	24.1
QCV1109-02856-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8530	Soil	2.43	5.08	<0.05	0.14	0.01	0.02	6.8	32.1	0.21	219	0.66	<0.01	0.53	10.9
8530 Dup		2.40	4.91	<0.05	0.09	0.01	0.02	6.6	32.7	0.21	218	0.66	<0.01	0.50	11.0
QCV1109-02856-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8548	Soil	2.25	3.47	<0.05	0.27	0.02	0.06	8.6	37.7	0.30	300	0.57	0.01	0.41	23.6
8548 Dup		2.22	3.29	<0.05	0.26	0.02	0.06	7.8	37.3	0.30	299	0.52	0.01	0.37	21.7
QCV1109-02856-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5018	Soil	2.33	4.54	<0.05	0.18	0.02	0.04	19.1	27.5	0.23	283	0.85	<0.01	0.37	17.9
5018 Dup		2.32	4.59	<0.05	0.14	0.02	0.04	19.2	27.9	0.22	272	0.78	<0.01	0.38	17.0
QCV1109-02856-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-02856-0022-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2096	Soil	473	23.4	3.4	<0.01	<0.01	0.81	2.8	0.6	0.3	23.2	0.01	0.05	10.5	<0.005
2096 Dup		508	24.0	3.7	<0.01	<0.01	0.84	2.5	0.4	0.3	24.3	<0.01	0.06	11.2	<0.005
QCV1109-02856-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			27.0				1.73		12.7	16.5					
2114	Soil	429	19.6	4.6	<0.01	0.01	0.69	0.3	0.3	0.5	3.4	<0.01	0.04	1.3	0.007
2114 Dup		423	19.9	4.9	<0.01	0.01	0.69	0.3	<0.2	0.5	3.4	<0.01	0.03	1.2	0.007
QCV1109-02856-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2132	Soil	132	3.5	1.0	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	7.9	<0.01	<0.01	<0.2	<0.005
2132 Dup		134	3.5	1.0	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	8.3	<0.01	<0.01	<0.2	0.005
QCV1109-02856-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.1				1.77		13.3	16.9					
8512	Soil	532	19.2	4.5	<0.01	0.02	0.68	2.2	0.6	<0.2	77.9	<0.01	<0.01	6.5	<0.005
8512 Dup		551	19.6	5.1	<0.01	0.02	0.69	2.5	0.6	<0.2	81.2	<0.01	0.02	7.5	<0.005
QCV1109-02856-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			28.3				1.72		12.5	16.9					
8530	Soil	356	18.1	3.8	<0.01	0.01	0.15	0.5	0.2	0.2	6.0	<0.01	0.04	2.7	<0.005
8530 Dup		357	17.6	3.8	<0.01	0.01	0.14	0.6	<0.2	0.2	5.8	<0.01	0.05	2.7	<0.005
QCV1109-02856-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
8548	Soil	584	18.3	4.5	<0.01	0.04	0.53	1.5	0.4	<0.2	90.0	<0.01	0.02	5.7	<0.005
8548 Dup		568	17.7	4.1	<0.01	0.04	0.50	1.4	0.3	<0.2	85.1	<0.01	0.02	5.1	<0.005
QCV1109-02856-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5018	Soil	590	35.0	5.3	<0.01	0.01	0.51	0.9	<0.2	0.2	8.5	<0.01	0.04	5.0	<0.005
5018 Dup		596	36.1	5.3	<0.01	0.01	0.51	0.9	<0.2	0.3	8.6	<0.01	0.04	5.0	<0.005
QCV1109-02856-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.7				1.89		13.7	18.3					
QCV1109-02856-0022-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			32.4				1.96		13.7	18.7					

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2096	Soil	<0.05	1.14	20	0.21	5.54	73	2.9
2096 Dup		<0.05	1.25	20	0.23	5.88	74	2.8
QCV1109-02856-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							171	
2114	Soil	<0.05	0.56	23	4.67	1.06	41	<0.5
2114 Dup		<0.05	0.56	23	5.03	1.08	40	<0.5
QCV1109-02856-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4872	
2132	Soil	<0.05	0.09	5	<0.05	0.11	8	<0.5
2132 Dup		<0.05	0.09	5	<0.05	0.12	9	<0.5
QCV1109-02856-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							176	
8512	Soil	<0.05	1.26	17	0.12	7.37	60	2.8
8512 Dup		<0.05	1.38	17	0.11	7.59	62	3.0
QCV1109-02856-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							174	
8530	Soil	<0.05	0.79	21	0.11	1.24	46	0.6
8530 Dup		<0.05	0.83	20	0.14	1.21	47	<0.5
QCV1109-02856-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4808	
8548	Soil	<0.05	1.37	17	0.21	5.69	47	5.0
8548 Dup		<0.05	1.29	17	0.20	5.35	46	4.6
QCV1109-02856-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4898	
5018	Soil	<0.05	0.77	20	0.30	1.57	49	0.9
5018 Dup		<0.05	0.78	19	1.54	1.59	49	0.9
QCV1109-02856-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	
QCV1109-02856-0022-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	

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11-360-07762-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Distribution List

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Submitted By: **Northern Tiger Resources**
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Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 6**
Client Reference: **Soil 6**
Description: **3 ACE**

Date Received: 09/28/2011
Date Completed: 10/21/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	1	No Sample	
Whitehorse, YT	200	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4561	Soil	0.011	0.36	0.92	19.2	61	0.38	0.36	0.93	0.23	9.65	6.5	13	0.97	42.3
4562	Soil	0.012	0.21	1.28	29.7	71	0.63	0.40	0.91	0.25	19.49	16.4	15	0.85	54.7
4563	Soil	0.007	0.08	1.24	25.7	61	0.44	0.27	0.49	0.07	51.17	9.1	14	0.46	21.0
4564	Soil	0.009	0.10	1.22	36.2	70	0.48	0.31	0.94	0.07	47.29	14.0	16	0.56	30.8
4565	Soil	0.017	0.11	1.09	28.4	79	0.60	0.30	0.66	0.08	50.27	13.8	13	0.57	28.7
4566	Soil	0.012	0.08	1.25	25.3	60	0.54	0.29	0.43	0.06	45.59	10.5	16	0.52	21.2
4567	Soil	0.008	0.08	1.31	31.5	66	0.55	0.32	0.49	0.08	55.07	12.9	19	0.72	32.9
4568	Soil	0.023	0.10	1.35	51.8	76	0.55	0.33	0.74	0.06	61.52	14.6	18	0.64	32.0
4569	Soil	0.011	0.10	1.22	43.2	81	0.57	0.30	0.29	0.08	64.93	10.2	25	0.53	26.6
4570	Soil	<0.005	0.04	1.44	30.5	90	0.60	0.31	0.03	0.11	50.34	8.6	26	0.56	19.1
4571	Soil	0.006	0.04	1.04	16.2	33	0.21	0.22	0.02	0.08	50.60	5.2	13	0.57	9.6
4572	Soil	0.006	0.09	0.36	55.0	22	0.08	0.35	0.03	0.27	32.74	2.8	5	0.54	4.1
4573	Soil	0.011	0.07	1.20	67.1	40	0.30	0.21	0.11	0.06	52.15	7.3	15	0.49	16.1
4574	Soil	0.007	0.07	1.58	22.1	77	0.60	0.30	0.58	0.04	52.73	11.7	19	0.61	28.5
4575	Soil	0.007	0.03	1.57	17.2	62	0.56	0.26	0.12	0.03	62.81	10.3	19	0.60	22.7
4576	Soil	0.006	0.08	1.56	19.4	62	0.47	0.32	0.77	0.07	41.73	12.7	20	0.44	28.7
4577	Soil	0.007	0.06	1.36	19.7	56	0.49	0.29	0.54	0.07	42.27	11.5	18	0.44	27.1
4578	Soil	0.007	0.16	1.32	16.6	55	0.44	0.27	0.48	0.06	37.30	10.7	18	0.48	26.5
4579	Soil	0.016	0.04	1.36	13.7	40	0.30	0.24	0.12	0.06	39.31	8.6	18	0.43	14.9
4580	Soil	0.006	0.06	1.67	32.6	71	0.66	0.33	0.48	0.07	49.24	14.8	20	0.53	32.5
4581	Soil	0.009	0.08	1.55	14.6	51	0.39	0.27	0.47	0.07	45.91	10.9	20	0.68	18.3
4582	Soil	0.008	0.15	1.38	14.2	68	0.62	0.31	1.35	0.22	33.46	11.6	19	0.59	33.5
4583	Soil	0.006	0.11	1.26	14.2	55	0.52	0.28	1.13	0.17	38.21	11.8	16	0.69	27.3
4584	Soil	<0.005	0.04	1.20	18.5	50	0.36	0.28	0.28	0.09	47.86	10.8	17	0.50	17.5
4585	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4586	Soil	0.008	0.10	1.28	17.7	74	0.50	0.30	0.76	0.07	38.88	11.2	16	0.72	27.9
4587	Soil	0.008	0.08	1.13	26.2	69	0.53	0.29	1.37	0.09	27.76	12.4	13	0.54	26.1
4588	Soil	<0.005	0.04	1.37	11.1	65	0.42	0.23	0.39	0.04	33.99	7.6	14	0.47	16.9
4589	Soil	0.007	0.08	1.51	17.2	53	0.55	0.28	0.34	0.03	51.22	10.4	19	0.53	27.8
4590	Soil	<0.005	0.15	1.54	10.3	45	0.90	0.34	2.43	0.09	63.75	12.9	18	0.39	18.3
4591	Soil	<0.005	0.10	1.67	13.2	38	0.53	0.53	0.54	0.09	53.91	17.3	20	0.46	36.6
4592	Soil	<0.005	0.08	1.24	19.7	44	0.65	0.32	0.51	0.09	45.76	12.2	14	0.61	20.8
4593	Soil	<0.005	0.10	1.48	14.2	78	0.49	0.28	1.48	0.09	31.79	8.9	18	0.59	26.3
4594	Soil	<0.005	0.11	1.34	15.9	60	0.49	0.27	<0.01	0.08	37.91	11.4	21	0.54	28.1
4595	Soil	0.009	0.48	2.01	88.5	20	0.23	0.32	0.02	0.12	14.30	12.1	36	1.16	33.7
4596	Soil	0.010	0.17	1.62	76.8	33	0.23	0.30	0.02	0.14	12.54	9.6	28	1.39	27.2
4597	Soil	0.007	0.10	1.15	51.9	25	0.21	0.29	0.02	0.10	13.57	9.3	19	1.25	24.7
4598	Soil	0.010	0.08	2.35	120.2	21	0.44	0.34	0.04	0.11	31.11	23.1	33	1.22	49.6
4599	Soil	0.005	0.05	1.88	70.9	25	0.30	0.36	0.03	0.07	18.74	15.4	28	1.80	39.5
4600	Soil	0.012	0.08	1.69	146.5	25	0.32	0.30	0.02	0.08	21.71	13.3	27	2.05	31.2

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5025	Soil	0.006	0.14	1.02	52.3	93	0.37	0.19	0.22	0.17	17.80	10.1	13	1.45	17.6
5026	Soil	0.015	0.12	0.75	79.8	25	0.30	0.23	0.07	0.08	36.85	10.7	13	0.66	23.2
5027	Soil	0.024	0.08	1.11	104.0	44	0.50	0.29	1.66	0.13	35.40	12.4	16	0.80	29.1
5028	Soil	0.024	0.09	1.07	89.7	51	0.52	0.31	0.97	0.11	24.28	13.3	15	0.55	30.4
5029	Soil	0.018	0.11	1.13	63.3	58	0.42	0.31	0.40	0.11	28.76	11.0	14	0.62	28.3
5030	Soil	0.034	0.13	1.00	52.0	61	0.46	0.26	1.26	0.33	16.90	8.6	12	0.60	29.3
5031	Soil	0.014	0.11	1.04	49.4	57	0.48	0.28	0.96	0.18	23.69	10.7	13	0.55	28.9
5032	Soil	0.018	0.10	1.19	54.8	65	0.56	0.29	0.96	0.18	30.74	12.6	14	0.59	29.0
5033	Soil	0.007	0.07	1.16	28.3	52	0.59	0.32	0.44	0.06	49.92	13.0	15	0.47	28.1
5034	Soil	<0.005	0.05	1.49	22.5	83	0.65	0.32	0.10	0.03	53.91	10.7	16	0.50	22.5
5035	Soil	0.007	0.06	1.48	27.0	50	0.32	0.28	0.02	0.05	43.71	8.1	17	0.76	16.2
5036	Soil	<0.005	0.75	1.38	30.0	68	0.56	0.31	0.06	0.02	40.32	9.5	16	0.46	27.7
5037	Soil	<0.005	0.13	1.25	26.0	48	0.35	0.28	0.05	0.04	33.15	8.0	16	0.41	13.9
5038	Soil	0.011	0.13	1.15	25.5	66	0.49	0.29	2.75	0.07	29.78	11.3	14	0.48	24.1
5039	Soil	0.010	0.10	1.11	31.7	72	0.64	0.33	2.25	0.06	32.54	12.0	14	0.55	28.1
5040	Soil	0.014	0.10	1.13	34.8	60	0.51	0.33	7.30	0.15	30.15	12.6	25	0.63	29.5
5041	Soil	<0.005	0.19	1.19	15.9	77	0.57	0.26	2.12	0.14	28.71	10.7	27	0.46	28.2
5042	Soil	0.005	0.04	1.22	14.2	53	0.41	0.27	0.28	0.05	38.37	9.8	16	0.42	18.7
5043	Soil	<0.005	0.07	0.28	2.6	17	<0.05	0.04	0.02	0.04	12.48	0.7	2	0.13	2.3
5044	Soil	0.006	0.04	1.54	20.9	71	0.59	0.26	0.06	0.04	50.96	9.3	18	0.55	19.2
5045	Soil	0.005	0.06	1.22	13.5	62	0.40	0.27	0.11	0.05	33.50	9.4	16	0.43	21.2
5046	Soil	<0.005	0.06	1.19	13.9	49	0.32	0.24	0.07	0.07	29.11	7.4	16	0.55	13.8
5047	Soil	<0.005	0.08	1.37	17.6	70	0.53	0.30	0.54	0.13	32.52	12.4	16	0.46	28.9
5048	Soil	0.008	0.11	0.54	2.3	28	0.19	0.05	1.73	0.14	7.11	1.9	4	0.11	8.5
5049	Soil	0.006	0.10	1.18	12.2	46	0.53	0.27	1.05	0.10	24.02	6.9	14	0.50	20.1
5050	Soil	0.006	0.09	1.17	11.4	47	0.43	0.25	0.91	0.11	27.71	7.7	14	0.49	21.5
5051	Soil	0.006	0.08	1.29	14.1	52	0.46	0.29	1.76	0.09	31.00	11.1	16	0.66	29.2
5052	Soil	0.006	0.07	1.19	15.2	54	0.49	0.29	0.66	0.11	34.27	9.8	16	0.45	23.8
5053	Soil	0.006	0.31	1.10	15.1	53	0.42	0.26	0.41	0.09	20.51	9.3	13	0.30	21.7
5054	Soil	0.008	0.10	1.34	14.6	52	0.47	0.30	1.11	0.05	24.91	11.1	15	0.39	26.1
5055	Soil	<0.005	0.12	1.06	8.8	92	0.47	0.25	1.09	0.19	16.60	9.0	12	0.61	18.6
5056	Soil	0.022	0.22	1.02	312.4	53	0.24	0.33	0.03	0.17	11.82	13.5	20	0.96	23.7
5057	Soil	0.016	0.08	1.50	171.8	48	0.24	0.32	0.03	0.12	12.24	14.9	22	0.90	32.0
5058	Soil	0.015	0.05	1.58	139.8	28	0.24	0.37	0.02	0.12	13.05	10.4	22	0.77	22.1
5059	Soil	0.014	0.06	1.46	125.4	31	0.23	0.34	0.02	0.08	14.24	11.4	23	1.44	25.3
5060	Soil	0.058	0.13	0.80	120.2	30	0.47	0.42	<0.01	0.07	25.12	18.5	17	2.20	49.1
5061	Soil	0.014	0.09	2.20	99.8	23	0.22	0.31	0.01	0.09	13.60	12.8	32	0.98	27.5
5062	Soil	0.012	0.07	1.02	118.6	23	0.15	0.26	0.05	0.05	9.58	8.3	25	0.74	19.2
5063	Soil	0.031	0.08	1.98	169.6	20	0.32	0.37	0.05	0.11	14.23	16.2	46	1.03	39.3
5064	Soil	0.015	0.06	1.99	129.1	30	0.22	0.40	0.02	0.14	16.45	12.7	31	1.13	31.8

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2139	Soil	0.028	0.04	1.27	27.3	62	0.44	0.36	0.03	0.08	34.15	6.8	13	0.50	19.0
2140	Soil	0.008	0.12	1.11	40.2	49	0.30	0.31	0.02	0.41	38.78	6.0	13	0.58	12.3
2141	Soil	0.007	0.07	1.45	22.4	63	0.57	0.34	0.04	0.09	42.17	9.5	16	0.50	22.0
2142	Soil	0.006	0.05	1.00	34.5	43	0.30	0.31	0.02	0.36	38.69	6.0	11	0.46	13.6
2143	Soil	0.006	0.04	1.36	19.8	69	0.63	0.33	0.08	0.07	37.62	9.0	15	0.50	25.3
2144	Soil	0.006	0.79	1.14	15.7	65	0.50	0.32	0.22	0.10	24.31	8.2	14	0.46	20.4
2145	Soil	0.016	0.18	1.14	22.8	72	0.57	0.32	0.58	0.09	29.28	11.9	15	0.35	26.8
2146	Soil	0.008	0.11	1.06	16.6	49	0.44	0.32	0.46	0.06	27.85	9.5	14	0.34	20.7
2147	Soil	0.010	0.08	1.41	15.7	74	0.56	0.35	0.45	0.07	31.68	10.4	17	0.43	23.0
2148	Soil	0.006	0.05	1.31	14.9	63	0.48	0.30	0.27	0.08	31.84	9.3	16	0.44	18.5
2149	Soil	0.007	0.06	1.48	18.0	80	0.59	0.43	1.23	0.05	32.64	13.4	16	0.46	34.3
2150	Soil	0.008	0.09	1.26	15.3	68	0.58	0.34	0.71	0.06	34.47	11.2	15	0.42	25.3
2151	Soil	0.007	0.07	1.19	17.0	69	0.53	0.34	0.62	0.07	29.85	11.9	15	0.38	28.0
2152	Soil	0.008	0.11	1.16	21.3	65	0.50	0.32	0.71	0.07	25.51	10.9	15	0.40	20.2
2153	Soil	0.006	0.09	1.03	15.4	74	0.49	0.30	1.23	0.11	19.48	9.3	12	0.38	25.9
2154	Soil	0.008	0.13	1.09	14.0	88	0.49	0.28	1.47	0.12	17.01	9.2	13	0.36	27.7
2155	Soil	0.006	0.07	1.25	17.6	71	0.52	0.33	0.89	0.08	22.01	10.7	16	0.43	24.6
2156	Soil	<0.005	0.07	1.10	20.7	64	0.49	0.32	2.28	0.08	21.65	12.1	14	0.44	31.1
2157	Soil	0.014	0.09	0.81	9.9	70	0.32	0.18	2.49	0.10	13.10	7.4	9	0.30	21.4
2158	Soil	0.006	0.08	1.29	14.3	74	0.48	0.27	0.78	0.08	20.98	8.8	14	0.39	27.0
2159	Soil	0.006	0.03	1.52	27.2	72	0.60	0.31	0.04	0.03	39.57	10.2	16	0.48	19.8
2160	Soil	<0.005	0.03	1.26	15.2	50	0.34	0.27	0.04	0.03	33.98	6.5	15	0.44	11.6
2161	Soil	0.006	0.36	1.00	16.1	33	0.22	0.27	0.06	0.04	36.91	7.7	14	0.51	13.9
2162	Soil	0.006	0.10	1.21	14.5	57	0.31	0.23	0.12	0.03	36.14	7.2	14	0.41	12.5
2163	Soil	0.009	0.06	1.48	18.2	39	0.72	0.35	0.07	0.04	43.30	14.6	16	0.56	17.5
2164	Soil	0.007	0.05	1.44	15.4	61	0.43	0.28	0.10	0.04	49.94	9.5	17	0.45	17.9
2165	Soil	0.007	0.09	1.40	13.9	57	0.50	0.25	4.06	0.12	28.47	11.7	16	0.50	29.1
2166	Soil	0.023	0.11	1.45	73.2	54	0.49	0.33	0.36	0.08	30.59	13.4	19	0.85	35.8
2167	Soil	0.014	0.12	1.19	60.5	52	0.38	0.25	0.51	0.08	20.16	9.0	14	0.83	28.1
2168	Soil	0.015	0.08	1.08	44.8	39	0.26	0.22	0.28	0.10	26.11	8.9	14	0.63	23.8
2169	Soil	0.011	0.08	1.51	66.5	68	0.47	0.34	0.25	0.12	30.77	13.3	19	0.91	31.3
2170	Soil	0.012	0.09	1.27	37.8	63	0.53	0.32	0.53	0.08	28.29	13.1	16	0.65	33.5
2171	Soil	0.014	0.16	1.27	35.4	56	0.50	0.34	0.62	0.08	31.30	12.6	17	0.60	32.3
2172	Soil	0.008	0.05	1.17	26.9	71	0.46	0.28	0.49	0.10	25.91	11.3	14	0.52	27.9
2173	Soil	0.007	0.06	1.25	30.7	66	0.59	0.32	0.36	0.11	43.27	12.6	18	0.53	25.6
2174	Soil	0.007	0.09	1.26	24.0	76	0.59	0.32	0.67	0.21	40.28	12.1	18	0.53	28.9
2175	Soil	0.006	0.09	1.08	19.6	70	0.45	0.24	1.02	0.14	26.52	9.9	13	0.47	23.1
2176	Soil	0.006	0.10	1.11	23.4	69	0.49	0.23	1.22	0.17	22.94	9.6	15	0.41	25.6
2177	Soil	<0.005	0.11	1.25	29.2	65	0.60	0.31	1.12	0.15	29.32	12.7	16	0.51	30.8
2178	Soil	0.006	0.18	1.30	22.2	75	0.51	0.31	0.62	0.07	30.39	11.9	16	0.47	30.3

NS = No Sample

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5105	Soil	0.019	0.14	0.27	42.6	28	0.08	0.10	0.03	0.28	8.07	1.7	7	0.61	7.1
5106	Soil	0.014	0.31	1.67	59.2	38	0.30	0.46	0.01	0.25	25.46	8.9	25	0.97	29.5
5107	Soil	0.030	0.20	1.35	53.8	23	0.34	0.38	0.02	0.13	23.06	9.0	21	1.13	26.4
5108	Soil	0.006	0.08	0.51	26.2	25	0.31	0.50	0.04	0.28	12.96	5.0	11	1.45	33.4
5109	Soil	0.028	0.05	1.06	228.2	32	0.33	0.36	0.02	0.13	35.99	11.1	18	1.26	41.8
5110	Soil	0.130	0.08	0.99	295.6	24	0.32	0.37	0.03	0.70	33.87	10.6	17	1.58	26.9
5111	Soil	0.058	0.40	1.10	266.8	32	0.17	0.42	0.01	0.13	26.11	4.5	15	1.11	24.1
5112	Soil	0.069	0.35	1.55	353.8	28	0.30	0.66	0.01	0.21	31.33	11.0	24	1.46	31.1
5113	Soil	0.188	0.14	1.16	439.5	24	0.32	0.53	<0.01	0.26	26.06	10.5	20	0.90	32.1
5114	Soil	0.125	0.26	1.10	332.2	24	0.31	0.48	0.01	0.23	24.94	9.6	18	0.92	26.0
5115	Soil	0.063	0.43	1.12	249.6	26	0.30	0.51	<0.01	0.21	30.45	10.7	19	0.99	27.8
5116	Soil	0.084	0.37	1.51	296.8	33	0.32	0.55	0.03	0.23	25.53	9.9	23	1.02	30.1
5117	Soil	0.295	0.18	1.48	376.2	22	0.39	0.60	0.01	0.20	26.73	12.4	23	0.93	33.1
5118	Soil	0.251	0.30	1.32	255.2	28	0.30	0.56	0.01	0.26	31.63	10.3	21	0.94	26.5
5119	Soil	0.127	0.13	1.35	280.8	20	0.31	0.47	<0.01	0.16	29.73	11.2	22	1.12	32.2
5120	Soil	0.113	0.17	1.47	768.3	20	0.41	1.37	0.20	0.23	25.06	19.5	26	1.80	50.4
5121	Soil	0.038	0.71	1.09	677.1	50	0.38	0.53	1.02	0.46	8.73	9.7	18	1.28	30.2
5122	Soil	0.103	0.32	1.75	362.6	48	0.49	0.77	0.52	0.28	20.64	15.6	26	1.09	39.2
5123	Soil	0.089	0.25	1.38	372.1	24	0.34	0.59	0.01	0.19	29.27	12.6	23	0.82	33.3
8629	Soil	0.022	0.16	0.48	44.6	21	0.07	0.18	0.01	0.18	24.56	1.7	6	0.38	7.6
8630	Soil	0.028	0.32	0.78	276.6	25	0.18	0.62	0.02	0.26	27.71	8.2	14	0.95	23.0
8631	Soil	0.075	0.15	0.54	158.0	32	0.12	0.44	<0.01	0.17	26.81	4.1	7	0.96	13.1
8632	Soil	0.037	0.27	0.76	205.4	29	0.20	0.38	0.01	0.19	25.32	6.2	17	1.10	17.2
8633	Soil	0.096	0.18	0.87	228.7	21	0.23	0.40	<0.01	0.16	36.82	8.3	14	1.02	21.3
8634	Soil	0.093	0.24	1.20	348.4	20	0.26	0.51	<0.01	0.20	35.25	11.1	21	1.16	29.4
8635	Soil	0.154	0.19	1.13	450.8	24	0.27	0.53	<0.01	0.30	25.94	10.9	19	0.93	29.8
8636	Soil	0.038	0.16	0.83	349.0	28	0.20	0.66	0.01	0.43	20.44	6.0	13	1.15	16.7
8637	Soil	0.034	0.45	0.81	156.8	30	0.15	0.36	0.02	0.48	20.32	4.3	11	0.76	12.7
8638	Soil	0.092	0.15	1.41	530.8	29	0.37	0.64	<0.01	0.20	39.12	11.4	26	1.55	29.6
8639	Soil	0.235	0.42	1.21	630.8	25	0.31	0.69	0.01	0.26	37.35	11.6	21	1.24	34.5
8640	Soil	0.079	0.10	1.09	371.1	27	0.28	0.46	0.02	0.21	29.89	9.1	15	0.97	25.1
8641	Soil	0.034	0.33	1.01	310.5	37	0.34	0.53	0.02	0.37	32.70	9.1	16	0.90	27.2
8642	Soil	0.038	0.22	1.44	332.8	27	0.38	0.66	0.02	0.26	33.81	11.5	20	0.96	32.2
8643	Soil	0.014	0.53	1.08	197.4	36	0.47	0.35	0.04	0.19	20.36	9.4	18	1.23	39.0
8644	Soil	0.117	0.58	1.40	259.5	26	0.37	0.50	0.01	0.17	30.14	9.4	21	1.17	25.0
8645	Soil	0.323	0.35	1.35	293.4	23	0.29	0.47	<0.01	0.22	28.44	9.8	19	1.10	26.2
8646	Soil	0.163	0.20	0.43	1923.2	25	0.67	3.27	0.16	0.44	25.79	39.7	11	4.10	61.2
8647	Soil	0.063	0.31	2.09	736.3	40	0.47	0.78	0.31	0.22	23.78	16.6	30	2.22	40.6
8648	Soil	0.032	0.48	1.62	735.0	73	0.45	0.61	0.65	0.56	17.29	12.4	23	1.77	33.1
8649	Soil	0.028	0.19	1.79	159.7	43	0.52	0.50	0.59	0.24	24.94	14.9	28	1.15	35.1

NS = No Sample

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
8650	Soil	0.090	0.43	1.06	258.2	21	0.29	0.50	<0.01	0.15	35.29	8.1	17	0.99	21.8
8589	Soil	0.006	0.09	1.37	11.3	48	0.65	0.30	0.48	0.10	49.73	11.6	18	0.52	25.6
8590	Soil	0.006	0.09	1.19	8.9	65	0.44	0.20	0.60	0.06	29.24	7.4	14	0.42	14.6
8591	Soil	0.006	0.08	1.20	19.0	58	0.59	0.32	0.55	0.09	34.81	11.7	16	0.38	26.9
8592	Soil	0.006	0.03	1.46	12.7	64	0.52	0.23	0.08	0.02	46.33	7.5	17	0.53	12.6
8593	Soil	0.010	0.04	1.54	22.1	54	0.81	0.29	0.19	0.04	52.38	13.2	18	0.51	27.5
8594	Soil	0.006	0.08	1.32	12.6	73	0.61	0.27	1.19	0.13	26.65	12.2	15	0.55	26.9
8595	Soil	0.007	0.03	1.75	23.1	48	0.64	0.49	0.11	0.07	56.85	15.2	21	0.76	38.8
8596	Soil	0.012	0.09	1.51	69.5	68	0.57	0.32	0.75	0.11	26.79	13.0	18	0.84	28.8
8597	Soil	<0.005	0.05	1.58	7.0	50	0.59	0.28	0.45	0.06	65.42	8.4	16	0.63	15.9
8598	Soil	0.014	0.27	1.89	13.1	106	0.71	0.27	0.08	0.03	45.94	11.8	19	0.67	18.4
8599	Soil	0.010	0.11	1.46	10.4	35	0.63	0.39	0.10	0.04	56.03	11.4	19	0.61	25.8
8600	Soil	0.005	0.12	1.41	44.6	72	0.50	0.31	0.71	0.10	29.09	10.2	17	0.64	28.7
8601	Soil	0.086	0.22	1.44	335.6	18	0.29	0.68	0.03	0.32	28.99	11.4	21	2.48	31.1
8602	Soil	0.066	1.34	1.51	1479.2	57	0.53	2.20	0.37	0.66	20.48	14.8	19	8.30	42.5
8603	Soil	0.060	0.73	1.56	959.7	43	0.62	1.90	0.45	0.77	28.85	15.6	22	5.97	36.0
8604	Soil	0.032	0.48	1.31	307.0	62	0.54	0.72	1.50	0.33	15.01	9.6	19	2.27	35.7
8605	Soil	0.012	0.17	1.46	60.4	42	0.23	0.41	0.02	0.12	40.23	8.3	22	1.35	24.2
8606	Soil	0.022	0.12	1.57	133.2	54	0.29	0.41	0.03	0.21	43.36	7.6	25	1.69	20.3
8607	Soil	0.006	0.11	0.55	37.8	38	0.18	0.32	0.06	0.17	42.40	3.7	10	2.51	12.1
8608	Soil	0.012	0.15	1.03	121.5	35	0.23	0.31	<0.01	0.16	28.19	5.7	13	1.27	15.7
8609	Soil	0.012	0.13	1.15	58.1	36	0.27	0.33	0.02	0.14	33.25	5.3	15	1.48	16.0
8610	Soil	0.020	0.11	0.62	65.3	27	0.14	0.30	0.03	0.12	25.98	4.2	10	1.11	16.3
8611	Soil	0.095	0.27	1.00	345.9	24	0.29	0.42	<0.01	0.25	40.65	8.6	17	1.55	29.6
8612	Soil	0.022	0.09	0.89	62.5	40	0.14	0.37	0.02	0.06	41.78	5.0	10	1.35	15.3
8613	Soil	0.010	0.18	1.14	77.3	34	0.27	0.34	0.01	0.15	34.75	6.9	17	1.33	18.7
8614	Soil	0.013	0.10	0.89	113.8	36	0.23	0.29	0.01	0.08	33.34	6.8	13	2.54	18.7
8615	Soil	0.008	0.20	0.94	36.8	37	0.26	0.30	0.02	0.15	20.25	4.8	11	1.73	14.0
8616	Soil	0.012	0.08	0.74	44.8	23	0.15	0.23	0.01	0.04	20.68	3.6	8	1.07	10.9
8617	Soil	0.030	0.11	0.90	70.6	24	0.26	0.50	0.01	0.06	25.61	8.5	16	1.80	27.2
8618	Soil	0.060	0.18	0.37	68.9	14	0.21	0.28	<0.01	0.07	23.39	9.2	9	2.08	36.9
8619	Soil	0.119	0.98	1.34	437.1	35	0.42	0.49	0.01	0.22	35.28	11.1	18	1.44	33.3
8620	Soil	0.045	0.22	0.69	148.5	34	0.18	0.26	0.01	0.18	37.24	3.4	6	1.20	12.2
8621	Soil	0.128	0.43	1.01	412.9	36	0.28	0.42	<0.01	0.26	40.37	7.7	14	1.68	23.5
8622	Soil	0.079	0.38	0.63	195.0	35	0.17	0.28	0.01	0.31	25.83	5.0	8	1.06	15.2
8623	Soil	0.177	0.19	1.02	417.8	30	0.26	0.35	<0.01	0.24	37.94	8.0	13	1.15	23.1
8624	Soil	0.167	0.12	0.79	420.0	27	0.26	0.42	0.01	0.18	44.04	10.6	14	1.45	26.0
8625	Soil	0.061	0.07	0.41	145.3	26	0.09	0.25	<0.01	0.10	31.22	3.4	5	0.68	11.0
8626	Soil	0.149	0.13	0.81	307.8	27	0.24	0.38	0.01	0.20	33.70	7.5	12	0.83	21.7
8627	Soil	0.090	0.68	1.12	318.5	28	0.33	0.44	<0.01	0.51	32.63	11.2	16	1.10	26.5

NS = No Sample

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-1AT-AA	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT	50-AR-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.1	5	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05	0.2
8628	Soil	0.212	0.38	1.39	407.1	27	0.34	0.75	0.01	0.33	35.18	12.1	22	1.25	29.9

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4561	Soil	2.27	2.55	<0.05	0.76	0.02	0.04	5.4	16.5	0.25	280	0.84	<0.01	0.67	19.7
4562	Soil	2.88	3.38	<0.05	0.29	0.02	0.06	10.2	29.4	0.36	447	0.77	<0.01	0.29	32.1
4563	Soil	2.93	3.95	<0.05	0.07	0.02	0.05	25.7	24.2	0.28	299	0.52	<0.01	0.32	20.8
4564	Soil	3.19	3.45	<0.05	0.14	0.03	0.07	22.6	29.9	0.35	457	0.57	<0.01	0.29	31.0
4565	Soil	3.35	2.98	<0.05	0.11	0.03	0.06	24.0	21.1	0.25	696	0.55	<0.01	0.26	28.8
4566	Soil	3.31	3.21	<0.05	0.11	0.03	0.05	22.8	28.0	0.33	329	0.55	<0.01	0.37	24.9
4567	Soil	3.61	3.46	<0.05	0.13	0.03	0.09	28.1	24.0	0.36	485	0.71	<0.01	0.22	33.2
4568	Soil	3.43	3.80	<0.05	0.08	0.03	0.08	31.3	28.9	0.35	570	0.57	<0.01	0.20	32.8
4569	Soil	4.83	3.79	<0.05	0.07	0.03	0.06	34.2	25.5	0.29	492	0.51	<0.01	0.27	27.0
4570	Soil	4.95	3.93	<0.05	0.13	0.03	0.05	25.4	33.9	0.31	234	0.57	<0.01	0.33	22.9
4571	Soil	2.59	4.22	<0.05	0.04	0.01	0.02	26.3	23.5	0.25	134	0.54	<0.01	0.49	13.0
4572	Soil	1.47	2.44	<0.05	0.05	<0.01	0.04	16.5	1.6	0.02	128	0.55	<0.01	0.33	6.0
4573	Soil	2.58	3.67	<0.05	0.04	0.02	0.05	27.0	32.5	0.32	195	0.53	<0.01	0.34	19.5
4574	Soil	3.21	4.25	<0.05	0.14	0.02	0.09	27.4	35.4	0.44	395	0.50	<0.01	0.34	28.5
4575	Soil	3.12	4.12	<0.05	0.05	0.02	0.07	32.4	37.4	0.41	245	0.51	<0.01	0.26	26.1
4576	Soil	3.32	4.00	<0.05	0.17	0.02	0.07	21.5	35.8	0.51	753	0.50	<0.01	0.26	30.3
4577	Soil	3.14	3.70	<0.05	0.12	0.02	0.05	22.0	33.1	0.40	452	0.53	<0.01	0.32	26.7
4578	Soil	3.02	3.63	<0.05	0.14	0.02	0.06	18.8	31.1	0.42	574	0.53	<0.01	0.51	25.2
4579	Soil	3.07	3.91	<0.05	0.05	0.02	0.04	20.1	41.6	0.43	307	0.50	<0.01	0.31	20.8
4580	Soil	3.50	4.44	<0.05	0.12	0.03	0.06	24.2	41.2	0.47	606	0.55	0.01	0.28	33.1
4581	Soil	3.16	4.40	<0.05	0.11	0.02	0.07	23.0	43.3	0.54	469	0.55	0.01	0.73	24.2
4582	Soil	2.88	3.86	<0.05	0.21	0.03	0.05	16.9	34.4	0.41	418	0.56	<0.01	0.60	27.8
4583	Soil	2.82	3.61	<0.05	0.14	0.02	0.07	19.0	33.5	0.39	607	0.59	<0.01	0.79	26.3
4584	Soil	3.17	3.72	<0.05	0.08	0.03	0.04	23.1	36.7	0.40	476	0.62	<0.01	0.56	23.1
4585	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4586	Soil	2.98	3.44	<0.05	0.15	0.03	0.06	19.3	36.2	0.38	344	0.50	0.01	0.33	27.6
4587	Soil	3.01	3.03	<0.05	0.17	0.02	0.05	13.5	30.3	0.34	292	0.45	<0.01	0.29	25.9
4588	Soil	2.59	3.93	<0.05	0.08	0.02	0.04	16.9	35.5	0.31	165	0.48	<0.01	0.44	18.6
4589	Soil	3.42	4.09	<0.05	0.10	0.03	0.05	27.4	39.2	0.45	350	0.60	<0.01	0.57	28.5
4590	Soil	4.26	4.26	<0.05	0.09	0.04	0.02	31.1	46.5	0.40	1091	0.89	<0.01	0.15	30.8
4591	Soil	5.36	4.83	<0.05	0.11	0.05	0.02	26.4	63.9	0.59	296	0.95	<0.01	0.18	47.3
4592	Soil	3.56	3.33	<0.05	0.09	0.04	0.03	22.7	38.4	0.33	494	0.71	<0.01	0.48	23.8
4593	Soil	2.86	3.90	<0.05	0.21	0.02	0.06	16.5	41.9	0.47	250	0.59	<0.01	0.43	25.8
4594	Soil	2.83	3.71	<0.05	0.12	0.02	0.06	19.7	40.8	0.46	568	0.51	<0.01	0.37	27.9
4595	Soil	6.12	6.67	<0.05	1.96	0.02	0.02	6.8	40.0	0.69	562	0.81	<0.01	0.47	33.3
4596	Soil	4.39	6.07	<0.05	0.45	0.02	0.02	6.0	22.5	0.40	779	0.60	<0.01	0.45	20.8
4597	Soil	2.98	4.86	<0.05	0.23	0.02	0.02	6.8	18.6	0.32	1337	0.86	<0.01	0.20	14.9
4598	Soil	4.91	6.60	<0.05	0.17	0.02	0.01	15.3	53.6	0.95	753	0.80	<0.01	0.24	50.2
4599	Soil	3.96	5.94	<0.05	0.13	0.02	0.02	8.8	35.2	0.68	489	0.87	<0.01	0.32	30.9
4600	Soil	3.86	5.79	<0.05	0.09	0.02	0.03	10.2	35.5	0.61	869	0.84	<0.01	0.35	28.8

NS = No Sample

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5025	Soil	2.34	3.11	<0.05	0.15	0.02	0.06	8.3	30.1	0.19	560	0.86	0.01	0.44	23.4
5026	Soil	2.76	2.56	<0.05	0.06	0.02	0.03	19.1	19.2	0.20	259	0.66	<0.01	0.17	24.2
5027	Soil	3.05	3.15	<0.05	0.10	0.02	0.07	18.3	25.2	0.35	588	0.54	<0.01	0.13	28.5
5028	Soil	3.10	2.88	<0.05	0.20	0.02	0.06	12.0	27.7	0.33	499	0.62	<0.01	0.19	30.4
5029	Soil	3.09	3.21	<0.05	0.13	0.02	0.05	13.6	27.7	0.31	418	0.58	<0.01	0.23	25.6
5030	Soil	2.41	2.51	<0.05	0.38	0.02	0.04	8.2	25.1	0.26	451	0.66	<0.01	0.38	21.5
5031	Soil	2.87	2.81	<0.05	0.19	0.02	0.05	11.5	29.2	0.31	535	0.56	<0.01	0.29	26.2
5032	Soil	3.04	3.18	<0.05	0.17	0.03	0.06	14.4	31.9	0.35	457	0.52	<0.01	0.30	28.1
5033	Soil	3.38	3.08	<0.05	0.12	0.03	0.06	23.9	29.7	0.36	476	0.50	<0.01	0.18	31.1
5034	Soil	3.31	3.67	<0.05	0.09	0.03	0.06	26.3	33.3	0.34	280	0.52	<0.01	0.35	27.2
5035	Soil	3.31	4.26	<0.05	0.05	0.02	0.04	22.4	38.8	0.37	190	0.71	<0.01	0.53	21.7
5036	Soil	3.13	3.40	<0.05	0.08	0.02	0.05	21.0	35.2	0.34	211	0.55	<0.01	0.20	25.5
5037	Soil	2.79	3.76	<0.05	0.07	0.02	0.04	17.2	33.5	0.35	207	0.70	<0.01	0.47	19.5
5038	Soil	3.00	3.26	<0.05	0.08	0.02	0.05	14.5	28.5	0.31	310	0.66	<0.01	0.38	24.9
5039	Soil	3.05	2.91	<0.05	0.13	0.02	0.06	16.0	23.7	0.30	355	0.63	<0.01	0.27	28.7
5040	Soil	4.21	3.21	<0.05	0.18	0.02	0.06	14.8	31.2	0.37	551	0.65	<0.01	0.27	28.8
5041	Soil	3.88	3.36	<0.05	0.15	0.02	0.04	13.7	30.2	0.40	764	0.77	<0.01	0.86	26.1
5042	Soil	2.81	3.48	<0.05	0.08	0.02	0.04	18.7	35.4	0.41	346	0.66	<0.01	0.35	23.0
5043	Soil	0.30	1.56	<0.05	0.03	<0.01	0.01	6.4	0.6	0.01	15	0.41	0.01	0.16	1.7
5044	Soil	3.12	4.20	<0.05	0.05	0.02	0.04	24.4	39.8	0.36	287	0.61	<0.01	0.34	22.9
5045	Soil	2.91	3.58	<0.05	0.05	0.02	0.04	16.3	35.5	0.34	301	0.65	<0.01	0.36	23.5
5046	Soil	2.76	4.10	<0.05	0.04	0.02	0.04	13.7	34.6	0.34	227	0.69	<0.01	0.89	18.8
5047	Soil	3.13	3.53	<0.05	0.17	0.02	0.05	15.0	34.7	0.39	580	0.53	<0.01	0.37	28.1
5048	Soil	0.55	1.09	<0.05	0.19	<0.01	0.02	3.6	5.0	0.08	93	0.48	0.02	0.33	5.8
5049	Soil	2.71	3.09	<0.05	0.17	0.02	0.05	12.3	32.7	0.37	236	0.47	<0.01	0.60	19.8
5050	Soil	2.69	3.08	<0.05	0.15	0.02	0.05	13.5	31.1	0.36	266	0.49	<0.01	0.52	20.8
5051	Soil	2.94	3.48	<0.05	0.16	0.02	0.08	15.9	33.8	0.41	378	0.59	<0.01	0.44	26.2
5052	Soil	2.87	3.38	<0.05	0.13	0.03	0.04	16.6	35.5	0.38	322	0.72	<0.01	0.46	25.5
5053	Soil	2.63	3.15	<0.05	2.25	0.02	0.03	9.4	30.4	0.33	379	0.48	<0.01	0.70	21.1
5054	Soil	2.84	3.64	<0.05	0.40	0.02	0.04	12.0	35.8	0.42	322	0.53	<0.01	0.36	25.6
5055	Soil	2.27	2.94	<0.05	0.42	0.02	0.03	7.5	21.4	0.22	656	0.52	<0.01	0.49	16.9
5056	Soil	2.83	4.55	<0.05	0.11	0.02	0.02	5.6	17.4	0.30	2203	1.10	<0.01	0.25	17.1
5057	Soil	3.39	4.83	<0.05	0.10	0.02	0.02	5.9	37.1	0.60	1542	1.02	<0.01	0.31	28.9
5058	Soil	3.43	4.93	<0.05	0.06	0.02	0.02	6.3	31.5	0.56	799	0.93	<0.01	0.29	22.7
5059	Soil	3.42	5.03	<0.05	0.06	0.02	0.02	6.9	33.0	0.56	863	0.92	<0.01	0.32	26.1
5060	Soil	4.52	3.15	<0.05	0.04	0.02	0.02	12.2	14.5	0.26	1338	0.92	<0.01	0.17	41.5
5061	Soil	4.23	6.92	<0.05	0.10	0.02	0.01	6.1	48.6	0.78	743	0.82	<0.01	0.37	31.9
5062	Soil	3.45	3.95	<0.05	0.05	0.01	0.01	4.7	25.7	0.40	<1	0.77	<0.01	0.18	17.1
5063	Soil	6.09	6.15	0.06	0.16	0.02	0.01	6.7	58.7	0.85	985	0.74	<0.01	0.25	38.6
5064	Soil	4.19	6.73	<0.05	0.13	0.02	0.02	7.9	46.5	0.72	843	1.10	<0.01	0.45	31.8

NS = No Sample

3Ace Property, Northern Tiger Resources Inc.

Vol 7-177

Buchanan et al., 2011

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Vol 7-178

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2139	Soil	3.29	3.60	<0.05	0.12	0.02	0.03	16.6	22.5	0.22	184	0.62	<0.01	0.38	20.4
2140	Soil	3.12	3.85	<0.05	0.08	0.02	0.03	19.2	26.0	0.25	177	0.57	<0.01	0.46	16.5
2141	Soil	3.32	3.70	<0.05	0.11	0.02	0.04	20.0	34.9	0.35	195	0.55	<0.01	0.20	27.0
2142	Soil	3.02	3.64	<0.05	0.09	0.02	0.03	19.0	21.6	0.19	135	0.62	<0.01	0.42	16.2
2143	Soil	3.18	3.43	<0.05	0.11	0.03	0.05	18.1	33.3	0.31	210	0.51	<0.01	0.21	27.2
2144	Soil	3.01	3.16	<0.05	0.11	0.02	0.03	11.6	24.1	0.27	277	0.62	<0.01	0.41	22.1
2145	Soil	3.43	3.00	<0.05	0.13	0.03	0.03	13.4	30.7	0.32	582	0.57	<0.01	0.30	28.3
2146	Soil	3.30	2.84	<0.05	0.15	0.03	0.03	12.9	31.1	0.37	412	0.55	<0.01	0.35	25.2
2147	Soil	3.36	3.95	<0.05	0.09	0.03	0.04	14.6	40.3	0.41	349	0.60	<0.01	0.42	25.6
2148	Soil	3.24	3.61	<0.05	0.09	0.03	0.03	15.0	33.9	0.36	340	0.56	<0.01	0.46	22.0
2149	Soil	3.34	3.98	<0.05	0.18	0.02	0.08	16.0	38.4	0.42	433	0.53	<0.01	0.26	32.1
2150	Soil	3.25	3.37	<0.05	0.18	0.03	0.06	16.0	34.6	0.35	465	0.58	<0.01	0.33	26.8
2151	Soil	3.03	3.46	<0.05	0.14	0.02	0.05	13.9	35.1	0.33	458	0.58	<0.01	0.34	29.5
2152	Soil	3.11	3.22	<0.05	0.12	0.03	0.04	10.9	33.6	0.35	597	0.61	<0.01	0.47	25.2
2153	Soil	2.73	2.74	<0.05	0.15	0.02	0.04	9.0	28.3	0.30	360	0.48	<0.01	0.27	23.6
2154	Soil	2.64	2.71	<0.05	0.18	0.02	0.05	8.2	28.2	0.30	357	0.49	<0.01	0.34	24.0
2155	Soil	2.98	3.28	<0.05	0.20	0.02	0.06	10.5	33.4	0.40	480	0.51	<0.01	0.34	25.8
2156	Soil	2.74	3.24	<0.05	0.16	0.02	0.06	10.1	32.2	0.35	389	0.59	<0.01	0.34	29.0
2157	Soil	1.77	2.19	<0.05	0.21	0.01	0.04	6.2	15.0	0.17	499	0.51	0.01	0.37	16.5
2158	Soil	2.56	3.49	<0.05	0.16	0.02	0.05	11.2	30.1	0.32	317	0.55	0.01	0.39	24.9
2159	Soil	3.11	4.30	<0.05	0.10	0.03	0.03	19.6	39.2	0.35	204	0.75	<0.01	0.52	25.4
2160	Soil	2.94	3.77	<0.05	0.07	0.02	0.02	17.4	35.7	0.34	166	0.62	<0.01	0.38	16.7
2161	Soil	2.76	4.58	<0.05	2.28	0.02	0.03	18.6	26.8	0.27	187	0.79	<0.01	0.78	17.7
2162	Soil	2.73	3.93	<0.05	0.58	0.02	0.03	17.6	33.6	0.32	191	0.56	<0.01	0.47	18.8
2163	Soil	3.49	3.19	<0.05	0.46	0.03	0.02	19.2	34.8	0.39	347	0.58	<0.01	0.50	31.3
2164	Soil	3.05	4.05	<0.05	0.21	0.02	0.04	23.0	40.7	0.41	276	0.50	<0.01	0.40	24.4
2165	Soil	2.81	3.67	<0.05	0.29	0.02	0.07	13.8	37.3	0.45	526	0.58	0.01	0.41	26.5
2166	Soil	3.37	4.04	<0.05	0.27	0.02	0.04	15.3	37.3	0.46	503	0.62	<0.01	0.34	32.2
2167	Soil	2.47	3.14	<0.05	0.27	0.01	0.04	10.5	27.8	0.33	419	0.52	0.02	0.33	22.7
2168	Soil	2.43	3.19	<0.05	0.16	0.01	0.04	13.0	25.0	0.33	335	0.56	0.02	0.37	21.8
2169	Soil	3.60	4.16	<0.05	0.18	0.02	0.05	15.0	33.1	0.42	519	0.67	<0.01	0.45	27.2
2170	Soil	3.21	3.50	<0.05	0.20	0.02	0.04	14.0	32.8	0.36	503	0.59	<0.01	0.31	32.6
2171	Soil	3.34	3.44	<0.05	0.18	0.02	0.05	15.5	31.6	0.38	567	0.52	<0.01	0.28	31.0
2172	Soil	2.86	3.25	<0.05	0.32	0.02	0.04	12.8	23.0	0.28	386	0.67	<0.01	0.39	24.2
2173	Soil	3.55	3.46	<0.05	0.13	0.03	0.04	19.4	30.6	0.38	715	0.69	<0.01	0.47	28.8
2174	Soil	3.30	3.68	<0.05	0.15	0.03	0.05	18.4	31.5	0.35	503	0.84	<0.01	0.34	31.9
2175	Soil	2.54	2.90	<0.05	0.14	0.02	0.05	12.5	23.1	0.27	425	0.56	0.01	0.37	21.2
2176	Soil	2.35	2.95	<0.05	0.17	0.02	0.05	11.1	22.1	0.28	496	0.85	0.01	0.39	24.3
2177	Soil	3.26	3.38	<0.05	0.15	0.03	0.05	13.9	27.4	0.34	612	0.63	<0.01	0.43	28.4
2178	Soil	3.12	3.55	<0.05	0.16	0.02	0.05	14.9	29.5	0.36	487	0.56	<0.01	0.39	26.9

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5105	Soil	0.78	1.78	<0.05	0.04	<0.01	0.02	4.1	0.9	0.02	51	0.94	0.01	0.22	6.5
5106	Soil	4.99	7.13	<0.05	0.06	0.02	0.02	14.3	26.1	0.39	283	1.22	<0.01	1.09	24.9
5107	Soil	3.71	3.88	<0.05	0.06	0.02	0.02	12.5	23.4	0.33	265	1.00	<0.01	0.51	24.4
5108	Soil	3.15	2.99	<0.05	0.02	0.02	0.02	8.2	4.4	0.07	66	1.58	<0.01	0.30	10.9
5109	Soil	3.25	4.28	<0.05	<0.02	0.02	0.02	20.6	22.3	0.33	258	0.66	<0.01	0.31	29.9
5110	Soil	3.50	4.13	<0.05	0.02	0.02	0.02	19.6	20.7	0.27	276	0.94	<0.01	0.42	25.4
5111	Soil	2.80	4.23	<0.05	0.04	0.02	0.02	14.9	17.6	0.24	213	0.77	<0.01	0.42	15.4
5112	Soil	4.07	4.96	<0.05	0.03	0.02	0.02	17.6	31.5	0.45	369	0.94	<0.01	0.64	28.2
5113	Soil	3.95	3.87	0.05	0.04	0.02	0.02	15.1	23.7	0.35	287	0.84	<0.01	0.21	28.3
5114	Soil	3.63	3.77	0.06	<0.02	0.02	0.02	13.5	22.7	0.32	276	0.82	<0.01	0.39	26.3
5115	Soil	3.66	4.37	0.06	0.04	0.02	0.03	16.7	20.7	0.27	309	0.88	<0.01	0.47	24.8
5116	Soil	3.86	5.34	<0.05	0.04	0.02	0.03	13.8	29.5	0.47	341	0.94	<0.01	0.69	27.2
5117	Soil	3.99	3.87	0.06	0.06	0.02	0.02	15.2	32.6	0.45	304	0.93	<0.01	0.20	34.3
5118	Soil	3.63	4.64	0.07	0.02	0.02	0.02	16.9	24.4	0.35	309	0.97	<0.01	0.52	25.8
5119	Soil	3.61	4.14	0.07	0.05	0.02	0.02	15.9	33.1	0.44	334	0.75	<0.01	0.27	30.3
5120	Soil	4.32	4.71	0.07	0.08	0.03	0.03	12.9	38.5	0.62	682	0.86	<0.01	0.08	48.7
5121	Soil	2.18	3.14	<0.05	2.64	0.02	0.03	4.6	25.6	0.42	359	0.96	0.02	0.49	24.3
5122	Soil	3.52	5.22	<0.05	0.36	0.03	0.04	11.1	50.0	0.72	512	0.90	<0.01	0.32	38.1
5123	Soil	4.09	4.38	<0.05	0.11	0.02	0.02	16.5	29.2	0.41	371	0.89	<0.01	0.27	29.1
8629	Soil	0.78	3.52	<0.05	0.11	<0.01	0.02	13.6	1.5	0.03	63	0.74	<0.01	0.24	5.2
8630	Soil	2.91	4.55	0.06	0.06	0.02	0.03	15.0	14.1	0.21	244	1.04	<0.01	0.52	19.0
8631	Soil	1.74	3.71	0.05	0.04	0.01	0.02	14.7	2.4	0.04	107	0.71	<0.01	0.28	9.1
8632	Soil	3.41	4.16	0.06	0.05	0.02	0.02	14.0	10.9	0.12	215	0.77	<0.01	0.61	13.2
8633	Soil	3.27	4.59	0.06	0.03	0.02	0.02	20.2	12.9	0.16	258	0.80	<0.01	0.51	17.7
8634	Soil	4.10	4.67	0.07	0.04	0.03	0.02	19.2	24.7	0.34	307	0.94	<0.01	0.64	27.2
8635	Soil	4.35	4.48	0.08	0.05	0.03	0.02	14.5	21.4	0.25	253	0.85	<0.01	0.49	25.7
8636	Soil	2.89	4.43	0.09	0.03	0.02	0.02	10.9	14.2	0.17	159	0.82	<0.01	0.67	13.9
8637	Soil	2.38	4.25	0.06	0.10	0.01	0.02	10.6	9.3	0.12	165	0.76	<0.01	0.60	9.5
8638	Soil	4.25	5.25	0.10	0.06	0.03	0.02	22.4	33.9	0.35	317	1.13	<0.01	0.38	27.4
8639	Soil	4.40	4.27	0.10	0.05	0.02	0.02	21.2	28.4	0.35	290	0.84	<0.01	0.28	29.2
8640	Soil	3.38	3.59	0.09	0.05	0.02	0.02	16.9	23.3	0.27	226	0.68	<0.01	0.24	22.5
8641	Soil	3.58	4.53	0.10	0.03	0.02	0.03	18.2	18.1	0.19	283	0.95	<0.01	0.37	21.0
8642	Soil	3.79	4.49	0.11	0.04	0.02	0.03	18.6	37.1	0.44	316	0.82	<0.01	0.23	30.4
8643	Soil	3.38	5.15	0.08	0.04	0.02	0.03	11.4	23.7	0.28	219	1.16	<0.01	0.52	23.8
8644	Soil	4.15	5.25	0.10	0.05	0.02	0.03	16.4	29.4	0.33	285	1.04	<0.01	0.75	23.7
8645	Soil	3.79	4.27	0.09	0.05	0.02	0.02	16.1	29.6	0.34	265	0.80	<0.01	0.35	24.2
8646	Soil	5.21	1.80	0.13	0.13	0.03	0.03	14.4	9.2	0.15	765	1.02	<0.01	0.12	72.6
8647	Soil	4.14	6.16	0.10	0.24	0.03	0.04	12.7	65.9	0.85	575	0.86	<0.01	0.15	42.2
8648	Soil	3.06	4.61	0.09	0.23	0.03	0.05	9.2	44.2	0.60	474	0.86	0.01	0.34	31.4
8649	Soil	3.51	5.37	0.06	0.19	0.02	0.03	13.4	61.0	0.77	470	1.00	<0.01	0.37	37.4

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8650	Soil	3.27	4.05	0.08	<0.02	0.02	0.02	19.3	22.4	0.27	233	0.85	<0.01	0.34	21.6
8589	Soil	3.12	3.99	0.08	0.11	0.02	0.04	24.6	51.5	0.49	478	0.60	<0.01	0.48	30.5
8590	Soil	2.19	3.64	0.06	0.10	0.02	0.04	14.4	39.5	0.32	254	0.60	0.01	0.55	17.7
8591	Soil	3.14	3.52	0.07	0.14	0.03	0.04	16.6	44.6	0.41	490	0.61	<0.01	0.28	26.7
8592	Soil	2.70	4.56	0.07	0.10	0.02	0.04	23.1	49.4	0.37	170	0.56	<0.01	0.47	19.4
8593	Soil	3.44	3.83	0.08	0.11	0.03	0.04	23.8	52.9	0.42	341	0.56	<0.01	0.31	31.5
8594	Soil	2.76	3.71	0.05	0.22	0.02	0.04	13.0	51.8	0.43	470	0.52	0.01	0.54	25.9
8595	Soil	3.90	4.82	0.07	0.13	0.02	0.03	29.2	70.7	0.58	284	0.63	<0.01	0.23	33.2
8596	Soil	3.37	4.27	0.05	0.22	0.02	0.05	13.7	47.2	0.51	436	0.56	<0.01	0.32	29.2
8597	Soil	2.95	5.30	0.05	0.08	0.03	0.02	33.3	55.3	0.39	317	0.66	<0.01	0.49	21.1
8598	Soil	3.16	5.07	<0.05	2.63	0.03	0.05	20.6	41.3	0.42	316	0.52	<0.01	0.87	25.6
8599	Soil	3.49	4.99	<0.05	0.57	0.04	0.02	31.2	56.9	0.55	201	0.54	<0.01	0.28	27.4
8600	Soil	3.24	4.07	<0.05	0.63	0.02	0.06	14.7	37.3	0.45	275	0.55	<0.01	0.42	27.4
8601	Soil	3.76	5.38	<0.05	0.17	0.03	0.02	15.7	32.8	0.47	304	0.79	<0.01	0.38	28.7
8602	Soil	3.44	4.72	<0.05	0.23	0.05	0.04	11.1	40.4	0.49	497	0.72	0.01	0.30	33.5
8603	Soil	3.64	4.46	<0.05	0.26	0.04	0.03	14.8	37.3	0.57	409	0.86	<0.01	0.19	40.8
8604	Soil	2.57	3.49	<0.05	0.48	0.02	0.04	8.2	32.2	0.56	340	0.92	0.01	0.42	29.5
8605	Soil	4.29	6.10	<0.05	<0.02	0.02	0.03	21.6	29.0	0.38	321	0.98	<0.01	0.93	20.7
8606	Soil	3.93	6.93	<0.05	<0.02	0.02	0.04	21.8	24.6	0.40	291	1.44	<0.01	1.74	19.8
8607	Soil	1.65	4.55	<0.05	<0.02	0.02	0.03	22.0	3.3	0.07	121	1.22	<0.01	0.44	9.0
8608	Soil	2.84	5.17	<0.05	0.02	0.02	0.02	14.8	13.3	0.18	240	0.85	<0.01	0.85	13.3
8609	Soil	2.71	5.01	<0.05	0.02	0.02	0.03	17.6	17.0	0.23	158	0.96	<0.01	0.92	14.0
8610	Soil	2.43	4.66	<0.05	<0.02	0.01	0.02	14.5	6.3	0.11	125	0.64	<0.01	0.27	9.8
8611	Soil	3.52	4.07	<0.05	<0.02	0.02	0.02	23.5	17.1	0.21	201	0.87	<0.01	0.28	23.3
8612	Soil	2.27	4.98	<0.05	<0.02	0.01	0.03	22.3	10.4	0.12	137	0.92	<0.01	0.72	10.6
8613	Soil	3.22	5.15	<0.05	<0.02	0.02	0.03	18.6	19.2	0.29	289	1.06	<0.01	0.52	17.6
8614	Soil	3.14	4.97	<0.05	<0.02	0.02	0.03	18.0	13.8	0.16	211	0.91	<0.01	0.65	15.8
8615	Soil	2.51	4.76	<0.05	0.02	0.01	0.02	10.8	8.6	0.09	194	1.11	<0.01	1.14	10.1
8616	Soil	2.03	3.97	<0.05	<0.02	0.01	0.01	10.9	7.9	0.10	98	0.81	<0.01	0.88	8.3
8617	Soil	3.86	4.62	<0.05	<0.02	0.02	0.02	14.3	12.9	0.19	296	1.18	<0.01	0.50	17.7
8618	Soil	2.53	2.10	<0.05	<0.02	0.02	0.02	14.5	2.9	0.05	134	0.75	<0.01	0.15	25.0
8619	Soil	3.71	4.37	0.06	<0.02	0.03	0.03	18.5	23.0	0.28	278	0.99	<0.01	0.66	26.8
8620	Soil	1.70	4.20	<0.05	<0.02	0.01	0.02	20.3	2.3	0.03	92	0.83	<0.01	0.45	7.5
8621	Soil	3.74	4.81	0.07	<0.02	0.02	0.03	21.9	11.7	0.13	201	0.98	<0.01	0.66	18.7
8622	Soil	2.25	3.95	0.06	<0.02	0.01	0.02	13.8	5.6	0.08	185	0.75	0.01	0.49	11.6
8623	Soil	3.41	3.85	0.07	<0.02	0.02	0.02	20.9	14.5	0.19	245	0.68	<0.01	0.44	20.3
8624	Soil	3.56	4.38	0.07	<0.02	0.02	0.02	23.8	11.3	0.15	445	0.89	<0.01	0.51	23.3
8625	Soil	1.42	3.86	0.05	<0.02	<0.01	0.02	16.8	1.0	0.02	97	0.62	<0.01	0.23	7.5
8626	Soil	3.25	3.72	0.06	<0.02	0.02	0.02	18.2	10.1	0.12	203	0.74	<0.01	0.38	18.1
8627	Soil	3.58	3.61	0.08	<0.02	0.02	0.02	17.8	20.5	0.28	365	0.72	<0.01	0.27	25.6

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8628	Soil	4.31	5.07	0.09	<0.02	0.03	0.03	19.4	28.7	0.41	404	0.85	<0.01	0.55	31.1

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4561	Soil	544	19.7	4.6	<0.01	0.04	1.11	1.6	<0.2	0.3	60.4	0.02	0.07	4.7	<0.005
4562	Soil	632	26.8	5.1	<0.01	0.04	1.22	2.3	0.2	0.2	62.7	<0.01	0.10	6.4	<0.005
4563	Soil	219	19.1	4.3	<0.01	<0.01	0.77	2.2	<0.2	0.3	39.1	<0.01	0.03	8.6	<0.005
4564	Soil	522	25.0	4.5	<0.01	<0.01	1.10	3.3	0.3	0.2	62.7	<0.01	0.02	8.6	<0.005
4565	Soil	320	28.6	4.7	<0.01	<0.01	1.31	3.9	0.4	0.2	52.9	<0.01	0.02	9.5	<0.005
4566	Soil	251	21.4	5.3	<0.01	<0.01	0.91	3.3	<0.2	0.2	36.4	<0.01	0.02	10.9	<0.005
4567	Soil	609	26.6	4.9	<0.01	<0.01	1.33	3.7	0.2	<0.2	50.0	<0.01	0.04	13.0	<0.005
4568	Soil	481	27.5	5.9	<0.01	<0.01	1.09	4.3	0.4	0.2	59.9	<0.01	0.04	14.0	<0.005
4569	Soil	402	24.5	5.4	<0.01	<0.01	1.01	4.0	<0.2	0.2	20.0	<0.01	0.03	14.3	<0.005
4570	Soil	336	21.3	6.8	<0.01	<0.01	1.69	1.8	<0.2	0.2	6.6	<0.01	0.04	11.5	<0.005
4571	Soil	302	12.2	5.4	<0.01	<0.01	0.65	1.1	<0.2	0.3	5.0	<0.01	0.02	9.2	<0.005
4572	Soil	379	16.9	3.7	<0.01	<0.01	0.28	0.5	<0.2	0.3	5.6	<0.01	0.02	2.7	0.006
4573	Soil	204	13.9	6.0	<0.01	<0.01	0.73	1.5	<0.2	0.2	13.7	<0.01	0.03	9.7	<0.005
4574	Soil	335	21.1	6.7	<0.01	<0.01	1.05	3.3	<0.2	0.2	46.5	<0.01	0.05	12.3	<0.005
4575	Soil	170	18.9	7.4	<0.01	<0.01	0.86	2.4	<0.2	0.2	16.3	<0.01	0.03	13.0	<0.005
4576	Soil	477	22.2	4.0	<0.01	<0.01	0.90	2.9	<0.2	<0.2	51.8	<0.01	0.04	10.7	<0.005
4577	Soil	260	22.4	4.2	<0.01	0.01	0.94	3.0	<0.2	<0.2	39.4	<0.01	0.02	8.8	<0.005
4578	Soil	530	20.0	4.2	<0.01	0.01	0.80	3.1	<0.2	0.2	37.4	<0.01	0.02	7.5	0.006
4579	Soil	165	15.6	5.4	<0.01	<0.01	0.66	1.5	<0.2	<0.2	12.0	<0.01	0.03	9.1	<0.005
4580	Soil	243	25.5	5.0	<0.01	<0.01	1.23	3.5	<0.2	<0.2	44.0	<0.01	0.03	12.7	<0.005
4581	Soil	269	17.9	7.0	<0.01	<0.01	0.80	3.0	<0.2	0.2	34.2	<0.01	0.03	10.4	0.013
4582	Soil	799	23.5	5.3	<0.01	0.05	0.78	3.1	0.7	0.2	91.4	<0.01	0.05	5.3	<0.005
4583	Soil	787	21.2	7.3	<0.01	0.04	0.87	2.6	0.6	<0.2	78.7	<0.01	0.04	4.8	0.005
4584	Soil	352	23.1	4.8	<0.01	0.01	0.84	2.7	<0.2	<0.2	24.8	<0.01	0.03	8.6	0.006
4585	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4586	Soil	546	22.9	5.7	<0.01	0.03	0.85	2.9	0.5	<0.2	64.0	<0.01	0.01	8.9	<0.005
4587	Soil	487	22.2	4.2	<0.01	0.02	0.84	2.6	0.4	<0.2	97.3	<0.01	0.04	8.0	<0.005
4588	Soil	236	16.0	5.6	<0.01	<0.01	0.46	1.8	<0.2	0.3	41.7	<0.01	0.02	7.2	<0.005
4589	Soil	439	21.7	4.8	<0.01	<0.01	0.72	4.0	<0.2	0.2	31.5	<0.01	0.02	14.1	<0.005
4590	Soil	896	42.3	4.7	<0.01	<0.01	0.52	5.6	0.3	0.3	121.4	<0.01	0.03	12.0	<0.005
4591	Soil	314	53.4	3.5	<0.01	0.01	0.53	3.4	0.5	<0.2	42.6	<0.01	0.08	13.5	<0.005
4592	Soil	463	42.9	5.3	<0.01	0.02	1.36	4.2	0.2	0.2	39.8	<0.01	0.02	6.0	<0.005
4593	Soil	773	19.3	5.3	<0.01	0.05	0.62	2.3	0.9	<0.2	95.9	<0.01	0.03	4.8	<0.005
4594	Soil	1103	21.2	5.1	<0.01	0.07	0.72	2.3	0.4	<0.2	92.8	<0.01	0.01	4.5	<0.005
4595	Soil	827	20.7	2.4	<0.01	0.04	1.23	1.2	<0.2	0.3	4.8	<0.01	0.04	2.1	<0.005
4596	Soil	1338	15.2	2.8	<0.01	0.07	0.84	0.5	<0.2	0.2	4.9	<0.01	0.03	0.7	<0.005
4597	Soil	1239	17.6	3.2	<0.01	0.06	0.69	0.3	<0.2	0.2	4.8	<0.01	0.03	0.3	<0.005
4598	Soil	434	28.4	2.1	<0.01	<0.01	2.24	2.7	<0.2	<0.2	5.3	<0.01	0.08	6.6	<0.005
4599	Soil	823	24.2	3.0	<0.01	0.03	1.38	1.1	<0.2	0.3	5.0	<0.01	0.03	1.5	0.006
4600	Soil	767	23.4	4.2	<0.01	0.03	1.21	0.8	<0.2	0.3	5.7	<0.01	0.05	1.1	0.006

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5025	Soil	301	34.3	8.4	<0.01	0.02	0.49	1.2	<0.2	0.2	19.7	<0.01	<0.01	5.9	<0.005
5026	Soil	208	24.3	3.9	<0.01	<0.01	0.75	1.3	<0.2	<0.2	7.7	<0.01	0.03	8.3	<0.005
5027	Soil	406	24.3	4.1	<0.01	<0.01	0.97	2.3	<0.2	<0.2	75.9	<0.01	0.02	12.3	<0.005
5028	Soil	427	27.6	3.2	<0.01	<0.01	1.09	2.5	<0.2	<0.2	61.6	<0.01	0.03	10.0	<0.005
5029	Soil	472	28.6	4.1	<0.01	<0.01	1.02	2.4	<0.2	<0.2	33.3	<0.01	0.01	8.3	<0.005
5030	Soil	484	20.3	4.1	<0.01	0.05	0.83	1.8	0.3	<0.2	72.5	<0.01	0.01	4.2	<0.005
5031	Soil	545	23.6	4.0	<0.01	0.03	0.98	2.4	0.3	<0.2	59.4	<0.01	0.02	5.6	<0.005
5032	Soil	519	25.3	4.5	<0.01	0.04	1.03	2.9	<0.2	<0.2	59.6	<0.01	0.02	7.5	<0.005
5033	Soil	551	25.4	3.7	<0.01	<0.01	1.17	3.5	<0.2	<0.2	40.7	<0.01	0.03	12.5	<0.005
5034	Soil	259	21.6	5.6	<0.01	<0.01	1.23	2.8	<0.2	0.2	15.6	<0.01	0.01	12.8	<0.005
5035	Soil	226	20.3	7.5	<0.01	<0.01	0.74	1.7	<0.2	0.3	8.0	<0.01	0.03	10.1	<0.005
5036	Soil	182	21.9	5.0	<0.01	<0.01	1.21	2.9	<0.2	<0.2	12.2	<0.01	0.04	11.2	<0.005
5037	Soil	298	17.2	4.4	<0.01	<0.01	0.69	1.3	<0.2	0.2	7.5	<0.01	0.04	7.7	<0.005
5038	Soil	393	25.0	4.7	<0.01	<0.01	1.22	2.4	<0.2	0.2	127.0	<0.01	0.02	8.7	<0.005
5039	Soil	472	25.1	4.3	<0.01	<0.01	1.71	2.8	<0.2	<0.2	119.1	<0.01	0.01	10.4	<0.005
5040	Soil	607	24.5	4.5	<0.01	<0.01	1.34	2.7	<0.2	<0.2	181.2	<0.01	0.02	10.3	<0.005
5041	Soil	505	18.7	4.3	<0.01	0.01	0.77	2.8	<0.2	0.2	71.9	<0.01	<0.01	4.2	0.011
5042	Soil	339	17.4	4.4	<0.01	<0.01	0.67	1.7	<0.2	<0.2	23.5	<0.01	0.02	8.5	<0.005
5043	Soil	111	2.8	0.9	<0.01	<0.01	0.10	0.2	<0.2	<0.2	3.6	<0.01	<0.01	1.3	0.005
5044	Soil	162	19.3	6.2	<0.01	<0.01	0.72	2.0	<0.2	0.2	9.6	<0.01	<0.01	10.6	<0.005
5045	Soil	203	19.4	5.0	<0.01	<0.01	0.85	1.9	<0.2	<0.2	14.1	<0.01	0.03	7.6	<0.005
5046	Soil	225	15.5	6.6	<0.01	<0.01	0.60	1.5	<0.2	0.3	10.1	<0.01	0.02	5.0	0.006
5047	Soil	453	21.1	4.8	<0.01	0.01	0.98	2.6	<0.2	<0.2	36.6	<0.01	0.01	6.3	<0.005
5048	Soil	441	3.2	1.1	<0.01	0.03	0.24	0.5	<0.2	<0.2	97.8	<0.01	<0.01	0.7	0.008
5049	Soil	774	15.0	5.1	<0.01	0.03	0.53	2.5	<0.2	<0.2	75.8	<0.01	<0.01	4.5	<0.005
5050	Soil	686	16.8	5.5	<0.01	0.03	0.60	2.6	<0.2	<0.2	67.2	<0.01	<0.01	4.5	0.005
5051	Soil	596	20.3	5.7	<0.01	<0.01	0.91	2.8	<0.2	<0.2	92.7	<0.01	0.04	6.3	<0.005
5052	Soil	511	21.0	4.2	<0.01	0.02	0.71	2.9	<0.2	<0.2	49.8	<0.01	0.01	5.9	<0.005
5053	Soil	396	17.1	2.6	<0.01	0.01	0.53	2.3	<0.2	<0.2	38.2	<0.01	0.01	4.0	0.005
5054	Soil	311	18.5	3.4	<0.01	<0.01	0.58	2.3	<0.2	<0.2	65.0	<0.01	<0.01	8.0	<0.005
5055	Soil	710	17.7	5.8	<0.01	0.03	0.36	1.5	0.3	<0.2	94.1	<0.01	<0.01	2.5	<0.005
5056	Soil	971	33.9	4.6	<0.01	0.06	1.33	0.3	<0.2	0.3	6.4	<0.01	0.04	0.4	<0.005
5057	Soil	721	28.3	2.4	<0.01	0.05	1.20	0.5	<0.2	0.2	6.1	<0.01	0.06	0.5	<0.005
5058	Soil	726	21.3	3.3	<0.01	0.04	0.99	0.3	<0.2	0.2	5.2	<0.01	0.03	0.4	<0.005
5059	Soil	754	20.9	3.6	<0.01	0.04	0.94	0.5	<0.2	0.3	5.3	<0.01	0.05	0.6	<0.005
5060	Soil	592	18.7	2.7	<0.01	0.02	1.49	0.8	<0.2	0.2	41.0	<0.01	0.06	0.7	<0.005
5061	Soil	682	22.1	2.5	<0.01	0.04	1.05	0.8	<0.2	0.2	3.0	<0.01	0.04	1.3	<0.005
5062	Soil	861	17.6	2.6	<0.01	0.05	0.77	0.2	<0.2	<0.2	4.0	<0.01	0.03	<0.2	<0.005
5063	Soil	757	27.0	2.1	<0.01	0.02	1.55	1.5	<0.2	<0.2	4.2	<0.01	0.04	3.3	<0.005
5064	Soil	748	25.4	3.3	<0.01	0.04	1.29	0.8	<0.2	0.3	4.3	<0.01	0.04	1.1	<0.005

NS = No Sample

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2139	Soil	231	21.0	4.1	<0.01	<0.01	1.09	1.5	<0.2	0.2	6.2	<0.01	0.04	8.0	<0.005
2140	Soil	312	18.3	5.2	<0.01	<0.01	0.74	1.1	<0.2	0.3	4.8	<0.01	0.03	7.5	<0.005
2141	Soil	184	21.4	4.8	<0.01	<0.01	0.89	1.7	<0.2	<0.2	8.7	<0.01	0.01	10.3	<0.005
2142	Soil	279	21.8	5.8	<0.01	<0.01	0.85	1.1	<0.2	0.2	4.6	<0.01	0.02	8.0	<0.005
2143	Soil	244	22.4	5.5	<0.01	<0.01	0.98	2.1	<0.2	<0.2	12.6	<0.01	0.02	9.5	<0.005
2144	Soil	260	21.8	4.5	<0.01	<0.01	0.91	2.0	<0.2	0.2	27.2	<0.01	<0.01	5.7	<0.005
2145	Soil	308	26.7	2.9	<0.01	<0.01	0.97	3.4	<0.2	<0.2	48.0	<0.01	0.02	5.9	<0.005
2146	Soil	450	22.1	2.3	<0.01	<0.01	0.81	3.1	<0.2	<0.2	36.6	<0.01	<0.01	7.2	<0.005
2147	Soil	244	23.6	4.0	<0.01	<0.01	0.76	2.7	<0.2	0.2	43.2	<0.01	0.02	8.5	<0.005
2148	Soil	223	20.8	5.3	<0.01	<0.01	0.73	2.4	<0.2	0.2	26.0	<0.01	<0.01	7.5	<0.005
2149	Soil	414	26.5	4.7	<0.01	<0.01	1.21	3.1	<0.2	<0.2	77.4	<0.01	0.02	11.4	<0.005
2150	Soil	366	23.6	4.8	<0.01	0.01	1.04	3.4	<0.2	<0.2	49.5	<0.01	<0.01	9.0	<0.005
2151	Soil	326	23.1	3.9	<0.01	<0.01	1.19	2.8	<0.2	<0.2	50.1	<0.01	0.02	6.9	<0.005
2152	Soil	334	23.0	3.9	<0.01	0.01	0.98	2.5	<0.2	<0.2	51.2	<0.01	0.01	5.9	<0.005
2153	Soil	480	21.1	3.3	<0.01	0.01	0.99	2.1	<0.2	<0.2	76.1	<0.01	<0.01	4.4	<0.005
2154	Soil	426	19.6	3.6	<0.01	0.03	0.95	1.8	0.3	<0.2	89.8	<0.01	0.01	3.6	<0.005
2155	Soil	340	21.2	3.4	<0.01	0.01	0.94	2.1	0.3	<0.2	55.6	<0.01	<0.01	4.9	<0.005
2156	Soil	411	21.4	3.8	<0.01	<0.01	1.26	2.5	<0.2	<0.2	103.5	<0.01	0.03	6.6	<0.005
2157	Soil	444	12.8	2.9	<0.01	0.01	0.71	1.3	<0.2	<0.2	116.7	<0.01	<0.01	2.7	<0.005
2158	Soil	377	18.0	4.0	<0.01	<0.01	0.82	2.1	<0.2	<0.2	53.1	<0.01	0.02	4.9	<0.005
2159	Soil	144	23.8	5.7	<0.01	<0.01	0.82	2.0	<0.2	0.3	8.5	<0.01	0.02	9.4	<0.005
2160	Soil	120	14.9	4.2	<0.01	<0.01	0.49	1.3	<0.2	0.2	6.1	<0.01	0.01	8.2	<0.005
2161	Soil	167	15.0	5.9	<0.01	<0.01	0.78	1.7	<0.2	0.3	7.8	<0.01	0.02	8.1	<0.005
2162	Soil	149	15.9	4.7	<0.01	<0.01	0.45	1.5	<0.2	0.2	13.2	<0.01	<0.01	8.4	<0.005
2163	Soil	205	26.5	5.1	<0.01	<0.01	1.20	2.7	<0.2	<0.2	10.5	<0.01	0.03	12.5	<0.005
2164	Soil	144	20.0	5.9	<0.01	<0.01	0.53	2.0	<0.2	<0.2	15.3	<0.01	0.03	10.2	<0.005
2165	Soil	588	20.9	4.5	<0.01	<0.01	0.63	2.6	<0.2	<0.2	200.3	<0.01	0.02	5.4	<0.005
2166	Soil	379	29.5	4.8	<0.01	0.01	0.83	2.5	<0.2	<0.2	27.6	<0.01	0.05	8.3	<0.005
2167	Soil	435	20.8	3.9	<0.01	0.01	0.68	1.8	<0.2	<0.2	30.9	<0.01	0.02	5.4	<0.005
2168	Soil	347	18.5	3.7	<0.01	0.01	0.58	1.7	<0.2	<0.2	20.8	<0.01	<0.01	5.4	0.005
2169	Soil	537	30.5	4.7	<0.01	0.03	0.73	2.3	<0.2	0.2	22.5	<0.01	0.03	6.8	<0.005
2170	Soil	424	26.6	4.1	<0.01	0.02	0.94	3.0	<0.2	<0.2	46.0	<0.01	0.02	8.2	<0.005
2171	Soil	470	25.1	3.7	<0.01	0.01	0.90	3.0	<0.2	<0.2	49.7	<0.01	0.02	9.5	<0.005
2172	Soil	432	22.5	3.8	<0.01	0.02	0.79	2.3	<0.2	<0.2	43.4	<0.01	0.04	5.9	<0.005
2173	Soil	432	26.2	4.3	<0.01	0.01	0.93	3.6	<0.2	0.2	31.4	<0.01	<0.01	8.3	<0.005
2174	Soil	342	25.5	5.3	<0.01	0.01	0.98	3.5	<0.2	<0.2	52.9	<0.01	0.03	8.4	<0.005
2175	Soil	373	18.9	4.8	<0.01	0.02	0.70	2.3	<0.2	<0.2	65.1	<0.01	<0.01	4.4	<0.005
2176	Soil	520	17.7	4.0	<0.01	0.03	0.71	1.9	<0.2	0.3	78.7	<0.01	0.01	3.6	<0.005
2177	Soil	663	25.8	4.4	<0.01	0.02	0.88	2.8	<0.2	<0.2	75.1	<0.01	0.02	5.2	<0.005
2178	Soil	410	19.9	4.0	<0.01	<0.01	0.74	2.6	<0.2	0.2	47.0	<0.01	<0.01	7.7	<0.005

NS = No Sample

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Vol 7-185

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5105	Soil	195	10.7	2.4	<0.01	0.01	0.27	0.2	<0.2	<0.2	4.7	<0.01	<0.01	0.6	0.007
5106	Soil	443	35.2	4.4	<0.01	0.02	0.90	1.4	<0.2	0.4	4.5	<0.01	0.07	8.7	0.006
5107	Soil	356	25.4	4.7	<0.01	0.02	0.76	1.1	<0.2	<0.2	4.6	<0.01	0.05	10.2	<0.005
5108	Soil	323	31.0	3.1	<0.01	0.02	2.14	0.8	<0.2	0.2	8.5	<0.01	0.19	4.1	<0.005
5109	Soil	293	18.4	2.8	<0.01	<0.01	0.84	1.2	<0.2	0.3	5.0	<0.01	0.08	6.8	<0.005
5110	Soil	282	26.1	5.4	<0.01	<0.01	1.15	1.2	<0.2	0.2	5.7	<0.01	0.10	8.1	<0.005
5111	Soil	425	28.7	4.5	<0.01	0.01	0.94	0.8	<0.2	0.2	4.1	<0.01	0.04	4.9	<0.005
5112	Soil	408	44.4	5.4	<0.01	0.01	1.09	1.3	<0.2	0.3	4.8	<0.01	0.08	6.9	0.006
5113	Soil	426	45.6	3.6	<0.01	<0.01	1.46	1.1	<0.2	<0.2	3.7	<0.01	0.11	7.1	<0.005
5114	Soil	427	38.2	4.1	<0.01	0.01	1.17	1.2	<0.2	0.2	3.9	<0.01	0.07	6.9	<0.005
5115	Soil	512	35.4	4.8	<0.01	0.01	1.15	1.2	<0.2	0.2	4.6	<0.01	0.05	6.8	<0.005
5116	Soil	445	34.9	4.1	<0.01	0.01	1.22	1.3	<0.2	0.3	7.3	<0.01	0.05	7.8	0.006
5117	Soil	257	42.9	4.0	<0.01	<0.01	1.38	1.6	<0.2	<0.2	4.2	<0.01	0.08	12.7	<0.005
5118	Soil	486	37.0	5.2	<0.01	0.01	1.10	1.3	<0.2	0.3	4.8	<0.01	0.09	7.3	<0.005
5119	Soil	338	37.3	3.6	<0.01	<0.01	1.22	1.4	<0.2	<0.2	4.1	<0.01	0.08	9.9	<0.005
5120	Soil	505	35.0	2.5	<0.01	0.01	1.64	2.8	<0.2	<0.2	17.7	<0.01	0.10	11.1	<0.005
5121	Soil	563	28.9	3.3	<0.01	0.05	1.01	1.3	<0.2	0.2	53.3	0.01	0.02	3.6	<0.005
5122	Soil	581	34.4	3.6	<0.01	0.02	1.07	2.2	<0.2	<0.2	27.3	<0.01	0.06	8.0	<0.005
5123	Soil	624	45.1	3.9	<0.01	0.01	1.09	1.3	<0.2	<0.2	4.3	<0.01	0.10	8.0	<0.005
8629	Soil	374	10.0	2.6	<0.01	<0.01	0.29	0.1	<0.2	0.3	3.7	<0.01	<0.01	0.4	<0.005
8630	Soil	699	40.6	5.6	<0.01	0.02	1.19	0.6	<0.2	0.4	5.9	<0.01	0.06	1.3	0.007
8631	Soil	422	23.3	4.9	<0.01	<0.01	0.73	0.2	<0.2	0.4	4.0	<0.01	0.04	0.6	<0.005
8632	Soil	384	28.0	4.9	<0.01	<0.01	0.82	0.9	<0.2	0.3	3.8	<0.01	0.05	4.9	0.005
8633	Soil	420	26.1	5.1	<0.01	<0.01	0.98	0.9	<0.2	0.3	3.8	<0.01	0.03	7.0	<0.005
8634	Soil	476	36.7	5.6	<0.01	0.01	1.31	1.2	<0.2	0.3	3.9	<0.01	0.06	6.3	0.005
8635	Soil	442	42.5	4.3	<0.01	0.01	1.34	1.4	<0.2	0.2	4.3	<0.01	0.08	9.8	<0.005
8636	Soil	442	27.4	3.9	<0.01	0.01	0.91	0.7	<0.2	0.3	5.3	<0.01	0.03	2.4	0.007
8637	Soil	544	19.2	4.1	<0.01	0.01	0.73	0.5	<0.2	0.4	4.7	<0.01	0.03	1.8	0.006
8638	Soil	448	45.6	6.9	<0.01	0.01	1.47	1.5	<0.2	0.2	4.2	<0.01	0.11	12.3	<0.005
8639	Soil	474	58.2	5.0	<0.01	0.01	1.77	1.3	<0.2	<0.2	5.1	<0.01	0.09	9.2	<0.005
8640	Soil	371	37.6	3.6	<0.01	0.01	1.20	1.1	<0.2	0.2	3.9	<0.01	0.07	8.2	<0.005
8641	Soil	701	35.5	5.4	<0.01	0.01	1.25	1.1	<0.2	0.3	5.3	<0.01	0.06	6.9	<0.005
8642	Soil	406	41.2	4.2	<0.01	0.01	1.55	1.4	<0.2	<0.2	6.5	<0.01	0.05	8.3	<0.005
8643	Soil	643	36.6	3.8	<0.01	0.01	1.04	0.9	<0.2	0.3	7.9	<0.01	0.07	5.5	0.006
8644	Soil	419	35.9	5.3	<0.01	0.01	1.22	1.3	<0.2	0.3	4.0	<0.01	0.08	9.6	<0.005
8645	Soil	364	36.7	5.0	<0.01	0.01	1.20	1.3	<0.2	<0.2	3.5	<0.01	0.08	9.1	<0.005
8646	Soil	619	28.4	3.2	<0.01	0.05	3.83	3.0	<0.2	0.2	27.3	<0.01	0.24	19.7	<0.005
8647	Soil	560	41.1	3.5	<0.01	0.02	1.22	2.5	<0.2	<0.2	22.4	<0.01	0.06	10.6	<0.005
8648	Soil	672	38.5	4.8	<0.01	0.04	0.94	1.8	0.2	0.2	42.3	<0.01	0.05	6.1	<0.005
8649	Soil	568	33.8	3.9	<0.01	0.04	1.02	2.4	0.3	<0.2	25.0	<0.01	0.04	8.8	<0.005

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8650	Soil	564	34.1	5.2	<0.01	0.01	1.09	1.0	<0.2	0.3	4.1	<0.01	0.04	6.1	<0.005
8589	Soil	610	25.2	4.1	<0.01	0.01	0.63	3.2	<0.2	<0.2	46.8	<0.01	0.01	10.3	<0.005
8590	Soil	353	13.5	4.6	<0.01	0.01	0.31	1.7	<0.2	0.2	45.8	<0.01	<0.01	5.2	<0.005
8591	Soil	558	24.5	4.0	<0.01	0.01	0.65	2.9	<0.2	<0.2	52.1	<0.01	0.02	8.0	<0.005
8592	Soil	124	17.3	6.2	<0.01	<0.01	0.39	1.6	<0.2	0.3	14.3	<0.01	0.01	9.6	<0.005
8593	Soil	242	22.3	4.9	<0.01	<0.01	0.78	3.3	<0.2	<0.2	22.9	<0.01	<0.01	13.2	<0.005
8594	Soil	612	22.4	4.9	<0.01	0.09	0.51	2.8	0.3	<0.2	84.3	<0.01	0.01	6.9	<0.005
8595	Soil	192	30.8	3.7	<0.01	<0.01	0.77	2.5	<0.2	<0.2	15.9	<0.01	0.03	16.9	<0.005
8596	Soil	468	25.8	4.9	<0.01	0.03	0.83	2.6	<0.2	<0.2	51.5	<0.01	0.05	8.6	<0.005
8597	Soil	559	24.8	4.9	<0.01	<0.01	0.36	3.4	<0.2	0.3	36.5	<0.01	<0.01	12.2	<0.005
8598	Soil	251	18.8	6.3	<0.01	<0.01	0.49	2.6	<0.2	0.4	10.7	<0.01	0.04	11.4	<0.005
8599	Soil	217	23.0	3.6	<0.01	<0.01	0.49	5.4	0.2	0.2	16.0	<0.01	0.05	18.1	<0.005
8600	Soil	500	21.9	5.4	<0.01	0.02	0.89	2.8	0.6	<0.2	56.3	<0.01	0.04	7.9	<0.005
8601	Soil	565	48.7	6.1	<0.01	0.02	1.42	1.5	0.2	0.2	6.0	<0.01	0.10	6.1	<0.005
8602	Soil	826	98.4	10.2	<0.01	0.03	1.80	1.9	0.3	0.3	29.6	<0.01	0.10	6.1	<0.005
8603	Soil	676	76.7	5.7	<0.01	0.04	1.30	2.8	0.5	0.2	27.5	<0.01	0.07	8.9	<0.005
8604	Soil	734	35.1	4.0	<0.01	0.09	0.98	1.5	0.5	<0.2	60.7	<0.01	0.03	4.3	<0.005
8605	Soil	401	20.5	7.5	<0.01	0.01	0.87	1.5	<0.2	0.4	5.6	<0.01	0.08	8.2	0.007
8606	Soil	335	43.6	8.0	<0.01	0.02	0.87	1.6	<0.2	0.7	7.6	<0.01	0.06	3.7	0.024
8607	Soil	337	17.3	7.4	<0.01	0.01	0.55	0.4	<0.2	0.6	9.6	<0.01	0.04	0.6	0.012
8608	Soil	368	19.1	4.9	<0.01	<0.01	0.62	1.0	<0.2	0.4	3.1	<0.01	0.04	6.9	0.005
8609	Soil	321	24.3	5.3	<0.01	0.02	0.57	1.1	<0.2	0.5	5.4	<0.01	0.05	4.1	0.009
8610	Soil	769	14.8	3.2	<0.01	0.01	0.47	0.3	<0.2	0.4	5.6	<0.01	0.05	0.6	<0.005
8611	Soil	476	31.4	4.5	<0.01	0.01	1.22	1.1	<0.2	0.3	4.2	<0.01	0.08	6.2	<0.005
8612	Soil	305	15.2	5.4	<0.01	<0.01	1.06	0.8	<0.2	0.4	5.4	<0.01	0.08	7.2	<0.005
8613	Soil	519	47.7	5.9	<0.01	0.02	0.80	0.7	<0.2	0.4	5.7	<0.01	0.07	1.3	0.009
8614	Soil	449	19.8	7.7	<0.01	0.01	0.66	1.0	0.2	0.3	5.0	<0.01	0.06	4.0	<0.005
8615	Soil	388	29.9	5.3	<0.01	0.02	0.55	0.7	<0.2	0.4	4.9	<0.01	0.05	2.2	0.008
8616	Soil	262	12.0	3.8	<0.01	0.01	0.49	0.7	<0.2	0.4	3.2	<0.01	0.06	3.5	0.008
8617	Soil	554	28.2	5.4	<0.01	0.02	1.40	0.9	0.2	0.3	5.1	<0.01	0.12	4.4	0.006
8618	Soil	331	14.0	3.5	<0.01	<0.01	1.58	0.7	<0.2	<0.2	2.0	<0.01	0.08	3.3	<0.005
8619	Soil	450	49.0	6.0	<0.01	0.02	2.38	1.6	0.3	0.3	5.9	<0.01	0.17	5.8	0.006
8620	Soil	385	21.1	5.4	<0.01	0.01	0.63	0.3	<0.2	0.5	4.2	<0.01	0.02	0.6	0.005
8621	Soil	521	43.9	7.9	<0.01	0.02	1.12	1.3	0.2	0.4	4.9	<0.01	0.08	6.3	<0.005
8622	Soil	515	23.7	6.4	<0.01	0.01	0.75	0.5	<0.2	0.2	4.3	<0.01	0.03	1.2	0.005
8623	Soil	360	45.5	5.0	<0.01	<0.01	1.09	1.2	<0.2	0.3	4.7	<0.01	0.08	6.0	<0.005
8624	Soil	580	41.1	5.7	<0.01	<0.01	1.36	1.1	<0.2	0.4	5.4	<0.01	0.08	4.3	<0.005
8625	Soil	419	17.8	2.7	<0.01	<0.01	0.66	0.2	<0.2	0.4	3.7	<0.01	0.04	0.6	<0.005
8626	Soil	355	31.7	4.4	<0.01	<0.01	1.12	1.0	0.2	0.2	4.7	<0.01	0.06	5.0	<0.005
8627	Soil	438	38.8	4.8	<0.01	0.01	0.97	1.2	<0.2	<0.2	4.6	<0.01	0.07	6.6	<0.005

NS = No Sample

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8628	Soil	591	52.1	6.0	<0.01	0.01	1.18	1.6	<0.2	0.3	5.5	<0.01	0.09	6.5	0.006

NS = No Sample

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Certificate of Analysis

11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4561	Soil	<0.05	1.09	15	0.09	2.08	47	2.7
4562	Soil	<0.05	2.28	19	0.10	4.54	95	4.4
4563	Soil	<0.05	0.61	21	0.13	4.73	57	1.3
4564	Soil	<0.05	0.95	21	0.12	9.35	72	2.4
4565	Soil	<0.05	1.30	18	0.11	11.77	70	1.9
4566	Soil	<0.05	0.84	20	0.11	7.54	65	1.9
4567	Soil	<0.05	0.93	22	0.12	10.20	82	2.5
4568	Soil	0.05	0.69	22	0.10	11.92	76	1.7
4569	Soil	0.05	0.72	28	0.13	10.30	84	1.2
4570	Soil	<0.05	0.46	29	0.09	2.08	84	3.4
4571	Soil	<0.05	0.35	22	0.21	1.52	52	1.1
4572	Soil	<0.05	0.21	12	0.13	0.88	45	<0.5
4573	Soil	<0.05	0.44	21	0.10	2.10	51	0.8
4574	Soil	0.06	0.58	26	0.10	8.06	69	2.7
4575	Soil	<0.05	0.56	25	0.08	4.03	60	1.5
4576	Soil	<0.05	1.34	27	0.08	7.07	72	2.9
4577	Soil	<0.05	1.14	22	0.08	7.67	62	2.3
4578	Soil	<0.05	1.59	25	0.10	7.43	62	2.5
4579	Soil	<0.05	0.47	25	0.07	2.01	59	0.9
4580	Soil	<0.05	0.73	27	0.40	7.21	71	2.6
4581	Soil	<0.05	1.16	35	0.09	5.34	70	1.7
4582	Soil	<0.05	2.54	24	0.08	10.26	67	3.5
4583	Soil	0.05	2.93	22	0.09	9.19	68	2.3
4584	Soil	<0.05	1.30	24	0.14	5.10	58	1.5
4585	No Sample	NS	NS	NS	NS	NS	NS	NS
4586	Soil	<0.05	0.62	21	0.08	7.37	68	2.9
4587	Soil	<0.05	0.67	19	0.09	6.89	67	3.0
4588	Soil	0.05	0.63	22	0.11	3.88	46	1.3
4589	Soil	<0.05	0.68	26	0.10	10.04	66	2.1
4590	Soil	0.05	0.59	28	0.12	17.40	69	1.9
4591	Soil	<0.05	1.85	27	0.06	6.83	95	2.2
4592	Soil	0.05	3.03	21	0.15	12.56	58	1.1
4593	Soil	<0.05	1.76	24	0.09	8.04	64	3.4
4594	Soil	<0.05	1.36	26	0.08	8.19	98	2.0
4595	Soil	<0.05	0.82	39	0.11	1.61	90	1.4
4596	Soil	<0.05	0.70	30	0.10	1.56	65	0.7
4597	Soil	<0.05	0.64	26	0.14	1.51	52	<0.5
4598	Soil	<0.05	1.03	47	0.10	2.43	136	2.3
4599	Soil	<0.05	1.03	40	0.11	1.64	90	1.1
4600	Soil	<0.05	0.73	36	0.10	1.51	82	0.7

NS = No Sample

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Certificate of Analysis

11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5025	Soil	<0.05	0.75	16	0.12	2.29	58	1.4
5026	Soil	<0.05	0.76	15	0.16	2.19	69	<0.5
5027	Soil	<0.05	0.67	20	0.19	4.06	82	2.0
5028	Soil	<0.05	0.97	19	0.17	5.80	77	3.2
5029	Soil	<0.05	0.85	19	0.16	6.11	69	1.7
5030	Soil	<0.05	2.45	16	0.10	6.17	64	3.0
5031	Soil	<0.05	0.98	18	0.12	7.13	79	2.8
5032	Soil	<0.05	1.13	20	0.11	7.68	79	3.0
5033	Soil	<0.05	0.82	20	0.10	8.93	72	2.7
5034	Soil	<0.05	0.65	23	0.11	6.72	59	1.7
5035	Soil	<0.05	0.49	27	0.14	2.00	63	1.4
5036	Soil	<0.05	0.63	21	0.08	5.57	64	1.6
5037	Soil	<0.05	0.37	23	0.15	1.58	55	1.0
5038	Soil	<0.05	0.58	21	0.10	5.06	66	1.6
5039	Soil	<0.05	0.72	18	0.12	7.22	74	2.2
5040	Soil	<0.05	0.74	27	0.15	6.80	91	3.7
5041	Soil	<0.05	2.82	32	0.13	8.39	67	2.1
5042	Soil	<0.05	0.63	23	0.10	2.75	52	1.5
5043	Soil	<0.05	0.11	8	<0.05	0.35	6	<0.5
5044	Soil	0.05	0.51	25	0.10	3.06	61	1.2
5045	Soil	<0.05	0.52	21	0.08	2.93	55	0.9
5046	Soil	<0.05	0.45	27	0.13	2.05	50	0.6
5047	Soil	<0.05	1.45	23	0.09	6.88	63	2.2
5048	Soil	<0.05	5.39	7	<0.05	2.85	10	1.8
5049	Soil	<0.05	1.51	21	0.07	7.53	70	2.9
5050	Soil	<0.05	1.88	21	0.08	7.50	61	2.8
5051	Soil	<0.05	1.09	22	0.08	7.38	69	3.1
5052	Soil	<0.05	1.02	21	0.09	7.22	65	2.4
5053	Soil	<0.05	1.69	19	0.08	5.67	52	2.0
5054	Soil	<0.05	0.50	22	0.10	5.25	59	2.0
5055	Soil	<0.05	2.18	16	0.07	5.92	44	2.2
5056	Soil	<0.05	0.66	26	0.12	1.35	59	<0.5
5057	Soil	<0.05	0.53	33	0.09	1.63	78	<0.5
5058	Soil	<0.05	0.52	34	0.11	1.48	71	<0.5
5059	Soil	<0.05	0.56	35	0.15	1.44	72	0.5
5060	Soil	<0.05	1.52	25	0.17	2.46	97	<0.5
5061	Soil	<0.05	0.72	42	0.08	1.49	98	1.2
5062	Soil	<0.05	0.52	33	0.10	1.26	68	<0.5
5063	Soil	<0.05	0.71	54	0.14	1.74	126	2.6
5064	Soil	<0.05	0.66	41	0.13	1.79	101	0.9

NS = No Sample

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Certificate of Analysis

11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2139	Soil	<0.05	0.44	19	0.12	2.12	57	2.1
2140	Soil	<0.05	0.36	22	0.14	1.44	92	1.4
2141	Soil	<0.05	0.53	22	0.09	2.79	65	1.9
2142	Soil	<0.05	0.40	20	0.12	1.64	65	1.8
2143	Soil	<0.05	0.60	21	0.08	4.61	67	2.0
2144	Soil	<0.05	0.69	20	0.10	5.09	58	1.5
2145	Soil	<0.05	1.00	20	0.09	10.92	67	2.2
2146	Soil	<0.05	1.00	21	0.15	8.38	63	2.3
2147	Soil	<0.05	0.80	24	0.16	5.83	65	1.7
2148	Soil	<0.05	0.70	23	0.11	5.40	55	1.5
2149	Soil	0.05	0.56	23	0.08	6.80	74	3.6
2150	Soil	<0.05	1.00	21	0.08	8.58	67	3.1
2151	Soil	<0.05	0.75	20	0.07	6.82	60	2.6
2152	Soil	<0.05	1.01	21	0.09	6.16	62	2.1
2153	Soil	<0.05	0.92	17	0.07	7.10	58	2.8
2154	Soil	<0.05	1.29	17	0.07	6.53	59	3.1
2155	Soil	<0.05	1.28	22	0.08	5.96	62	2.7
2156	Soil	<0.05	0.63	19	0.08	6.13	64	2.8
2157	Soil	<0.05	0.67	12	0.07	4.96	36	2.8
2158	Soil	<0.05	0.69	20	1.55	6.52	52	3.3
2159	Soil	0.05	0.48	26	0.13	2.63	55	2.5
2160	Soil	<0.05	0.42	23	0.20	1.49	51	1.5
2161	Soil	<0.05	0.40	24	0.12	1.85	53	1.1
2162	Soil	<0.05	0.41	21	0.10	1.97	46	1.3
2163	Soil	<0.05	0.66	23	0.11	5.83	51	2.7
2164	Soil	<0.05	0.65	24	0.07	3.41	55	1.5
2165	Soil	<0.05	1.01	23	0.07	7.02	66	2.5
2166	Soil	<0.05	1.78	25	0.19	5.87	79	3.0
2167	Soil	<0.05	2.20	19	0.15	5.54	62	3.4
2168	Soil	<0.05	1.18	20	0.15	4.51	61	2.1
2169	Soil	<0.05	1.86	25	0.17	6.00	78	2.6
2170	Soil	<0.05	1.26	21	0.13	9.25	69	3.0
2171	Soil	<0.05	1.01	22	0.12	8.46	74	2.8
2172	Soil	<0.05	1.56	19	0.14	6.50	56	2.8
2173	Soil	<0.05	1.26	24	0.13	9.24	71	1.8
2174	Soil	<0.05	1.37	22	0.10	8.69	64	2.3
2175	Soil	<0.05	1.53	18	0.15	7.15	49	2.0
2176	Soil	<0.05	1.92	18	0.10	6.39	50	2.5
2177	Soil	<0.05	2.27	21	0.12	8.89	67	2.4
2178	Soil	<0.05	1.05	23	0.10	6.89	64	2.7

NS = No Sample

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Canada

Certificate of Analysis

11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5105	Soil	<0.05	0.23	9	0.21	0.43	28	<0.5
5106	Soil	<0.05	0.79	34	0.29	1.60	88	1.7
5107	Soil	<0.05	0.88	23	0.30	1.51	76	1.2
5108	Soil	<0.05	0.42	12	0.11	0.81	67	<0.5
5109	Soil	<0.05	0.88	25	0.26	1.83	86	<0.5
5110	Soil	<0.05	0.66	22	0.96	1.39	103	0.5
5111	Soil	<0.05	0.52	21	0.66	1.10	55	0.6
5112	Soil	<0.05	0.86	31	0.78	1.58	97	<0.5
5113	Soil	<0.05	0.75	22	0.91	1.34	93	0.7
5114	Soil	<0.05	0.75	24	2.27	1.64	88	<0.5
5115	Soil	<0.05	0.73	24	1.87	1.65	88	<0.5
5116	Soil	<0.05	0.83	32	1.00	1.57	90	0.7
5117	Soil	<0.05	1.00	25	2.20	1.64	109	2.0
5118	Soil	<0.05	0.77	28	1.54	1.69	91	<0.5
5119	Soil	<0.05	0.91	25	0.97	1.71	94	1.0
5120	Soil	<0.05	1.61	31	0.29	3.44	138	1.7
5121	Soil	<0.05	1.05	20	0.32	2.98	68	3.6
5122	Soil	<0.05	1.69	33	0.34	4.34	107	4.1
5123	Soil	<0.05	0.86	24	2.40	1.47	103	1.1
8629	Soil	<0.05	0.30	12	0.35	0.71	18	<0.5
8630	Soil	<0.05	0.63	26	0.83	1.45	74	<0.5
8631	Soil	<0.05	0.44	18	1.16	1.06	42	<0.5
8632	Soil	<0.05	0.54	24	0.95	1.22	61	<0.5
8633	Soil	<0.05	0.65	21	2.14	1.49	74	<0.5
8634	Soil	<0.05	0.81	27	1.72	1.77	101	<0.5
8635	Soil	<0.05	0.82	23	1.91	1.57	99	1.3
8636	Soil	<0.05	0.50	22	1.22	1.09	60	<0.5
8637	Soil	<0.05	0.48	24	0.68	1.04	44	<0.5
8638	Soil	<0.05	0.85	26	0.92	1.56	95	1.4
8639	Soil	<0.05	0.87	23	1.25	1.61	111	0.8
8640	Soil	<0.05	0.72	20	1.13	1.33	86	0.7
8641	Soil	<0.05	0.83	22	2.17	1.69	92	<0.5
8642	Soil	<0.05	0.94	26	1.32	1.65	104	0.6
8643	Soil	<0.05	1.04	25	0.67	1.42	82	0.6
8644	Soil	<0.05	0.73	29	1.32	1.50	86	1.2
8645	Soil	<0.05	0.69	24	1.42	1.49	83	1.1
8646	Soil	0.08	5.63	14	0.35	4.14	205	4.4
8647	Soil	<0.05	1.41	38	0.26	3.69	120	4.0
8648	Soil	<0.05	1.65	29	0.31	3.95	98	3.9
8649	Soil	<0.05	2.75	35	0.26	4.51	106	3.5

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8650	Soil	<0.05	0.65	22	2.40	1.40	78	<0.5
8589	Soil	<0.05	1.12	25	0.10	8.47	75	2.0
8590	Soil	<0.05	0.57	21	0.07	3.28	44	1.6
8591	Soil	<0.05	1.31	21	0.08	6.39	66	2.3
8592	Soil	<0.05	0.43	26	0.09	2.82	46	1.5
8593	Soil	0.05	0.74	24	0.08	7.42	69	2.0
8594	Soil	<0.05	1.30	22	0.08	7.38	77	3.6
8595	Soil	<0.05	0.55	29	0.11	3.66	95	3.2
8596	Soil	<0.05	1.23	25	0.15	5.86	84	3.6
8597	Soil	<0.05	0.52	30	0.14	6.68	63	1.4
8598	Soil	0.06	0.59	30	0.15	3.95	69	3.0
8599	Soil	<0.05	0.65	27	0.08	8.10	82	4.3
8600	Soil	<0.05	1.28	24	0.11	6.56	81	3.5
8601	Soil	<0.05	0.84	29	0.85	1.71	94	1.1
8602	Soil	0.05	2.12	27	0.42	4.38	126	3.0
8603	Soil	<0.05	2.05	28	0.35	6.35	150	3.6
8604	Soil	<0.05	1.47	25	0.19	5.40	77	4.7
8605	Soil	<0.05	0.67	32	0.29	1.86	74	0.6
8606	Soil	0.06	0.77	48	0.35	2.53	79	<0.5
8607	Soil	<0.05	0.58	29	0.22	1.85	38	<0.5
8608	Soil	<0.05	0.56	26	0.27	1.50	56	0.5
8609	Soil	<0.05	0.67	30	0.55	1.70	51	<0.5
8610	Soil	<0.05	0.51	24	0.20	1.28	42	<0.5
8611	Soil	<0.05	0.85	20	0.99	1.53	90	<0.5
8612	Soil	0.05	0.59	23	0.87	1.55	42	<0.5
8613	Soil	<0.05	0.68	30	0.29	1.74	64	<0.5
8614	Soil	<0.05	0.60	22	0.64	1.64	60	<0.5
8615	Soil	<0.05	0.61	25	0.33	1.65	40	0.6
8616	Soil	<0.05	0.46	20	5.88	1.14	30	<0.5
8617	Soil	<0.05	0.71	21	1.22	1.45	75	<0.5
8618	Soil	<0.05	0.83	11	0.37	1.07	74	<0.5
8619	Soil	0.06	0.97	27	1.12	2.28	95	<0.5
8620	Soil	<0.05	0.49	21	1.08	1.44	36	<0.5
8621	Soil	<0.05	0.75	22	2.78	2.34	82	<0.5
8622	Soil	<0.05	0.49	17	1.77	1.15	50	<0.5
8623	Soil	<0.05	0.68	20	1.18	1.68	83	<0.5
8624	Soil	<0.05	0.73	22	1.72	1.88	86	<0.5
8625	Soil	<0.05	0.37	16	0.76	0.99	34	<0.5
8626	Soil	<0.05	0.63	18	3.91	1.61	75	<0.5
8627	Soil	<0.05	0.73	20	1.69	1.63	99	0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8628	Soil	<0.05	0.88	30	0.92	2.05	119	<0.5

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4561	Soil		0.36	0.92	19.2	61	0.38	0.36	0.93	0.23	9.65	6.5	13	0.97	42.3
4561 Dup			0.24	0.92	20.4	65	0.37	0.34	0.95	0.24	10.71	6.7	14	1.04	45.0
QCV1109-03046-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.41	2.40	7.6	50	0.63	8.29	0.46	0.22	59.40	22.6	39	0.89	>10000
4579	Soil		0.04	1.36	13.7	40	0.30	0.24	0.12	0.06	39.31	8.6	18	0.43	14.9
4579 Dup			0.03	1.42	14.2	43	0.29	0.24	0.13	0.06	44.46	9.0	18	0.45	15.4
QCV1109-03046-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.23	237.0	41	0.16	4.99	1.29	27.31	8.93	11.2	52	0.32	5954.6
4597	Soil		0.10	1.15	51.9	25	0.21	0.29	0.02	0.10	13.57	9.3	19	1.25	24.7
4597 Dup			0.08	1.14	49.4	25	0.18	0.27	0.02	0.11	14.47	9.1	18	1.29	24.7
QCV1109-03046-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.19	231.5	38	0.16	5.22	0.60	26.70	7.89	10.3	30	0.30	5934.5
5039	Soil		0.10	1.11	31.7	72	0.64	0.33	2.25	0.06	32.54	12.0	14	0.55	28.1
5039 Dup			0.10	1.13	33.6	77	0.71	0.33	2.26	0.07	35.60	13.1	14	0.61	30.1
QCV1109-03046-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.42	2.23	7.4	48	0.55	8.07	0.41	0.24	57.39	22.7	35	0.86	>10000
5057	Soil		0.08	1.50	171.8	48	0.24	0.32	0.03	0.12	12.24	14.9	22	0.90	32.0
5057 Dup			0.07	1.51	172.3	45	0.26	0.34	0.03	0.12	12.86	14.9	23	0.91	33.4
QCV1109-03046-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.09	232.9	28	0.15	6.09	0.55	27.30	7.01	9.9	29	0.28	5890.4
2149	Soil		0.06	1.48	18.0	80	0.59	0.43	1.23	0.05	32.64	13.4	16	0.46	34.3
2149 Dup			0.05	1.45	17.7	77	0.61	0.42	1.23	0.05	33.10	12.8	16	0.47	33.1
QCV1109-03046-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.09	235.7	28	0.14	5.40	0.54	26.03	6.92	9.7	29	0.26	6050.9
2167	Soil		0.12	1.19	60.5	52	0.38	0.25	0.51	0.08	20.16	9.0	14	0.83	28.1
2167 Dup			0.13	1.24	62.0	53	0.40	0.26	0.54	0.07	21.08	9.2	15	0.85	28.4
QCV1109-03046-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.32	2.31	8.3	43	0.54	8.18	0.43	0.21	53.95	22.4	38	0.79	>10000
5111	Soil		0.40	1.10	266.8	32	0.17	0.42	0.01	0.13	26.11	4.5	15	1.11	24.1
5111 Dup			0.43	1.12	268.4	32	0.19	0.43	0.01	0.13	25.71	4.6	16	1.10	24.6
QCV1109-03046-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.73	2.20	7.8	44	0.59	8.15	0.41	0.18	56.22	22.6	37	0.84	>10000

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
8634	Soil		0.24	1.20	348.4	20	0.26	0.51	<0.01	0.20	35.25	11.1	21	1.16	29.4
8634 Dup			0.25	1.18	340.9	20	0.29	0.46	<0.01	0.22	34.95	11.2	20	1.21	28.7
QCV1109-03046-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.55	2.34	8.3	46	0.61	8.35	0.42	0.26	56.82	22.8	36	0.87	>10000
8590	Soil		0.09	1.19	8.9	65	0.44	0.20	0.60	0.06	29.24	7.4	14	0.42	14.6
8590 Dup			0.09	1.07	8.9	60	0.42	0.19	0.56	0.05	20.40	6.8	13	0.36	14.0
QCV1109-03046-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.27	257.1	42	0.23	5.17	0.66	27.71	8.23	11.6	32	0.32	6057.4
8608	Soil		0.15	1.03	121.5	35	0.23	0.31	<0.01	0.16	28.19	5.7	13	1.27	15.7
8608 Dup			0.13	1.10	118.5	37	0.19	0.34	<0.01	0.17	32.94	5.7	15	1.39	15.9
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.57	2.29	7.9	52	0.62	8.12	0.43	0.23	62.08	23.2	37	1.02	>10000
QCV1109-03046-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
8626	Soil		0.13	0.81	307.8	27	0.24	0.38	0.01	0.20	33.70	7.5	12	0.83	21.7
8626 Dup			0.13	0.84	324.2	28	0.22	0.40	0.01	0.22	35.58	8.0	12	0.89	23.2
QCV1109-03046-0036-BLK			0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	0.8
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.30	276.5	38	0.22	5.11	0.66	27.26	8.28	11.2	32	0.31	6225.0
4561	Soil	0.011													
4561 Dup		0.008													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.939													
4579	Soil	0.016													
4579 Dup		0.006													
QCV1109-03047-0004-BLK		<0.005													
4597	Soil	0.007													
4597 Dup		<0.005													
5039	Soil	0.010													
5039 Dup		0.008													
QCV1109-03047-0008-BLK		<0.005													
5057	Soil	0.016													
5057 Dup		0.019													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.406													
2149	Soil	0.007													
2149 Dup		0.006													
QCV1109-03047-0012-BLK		<0.005													
2167	Soil	0.014													
2167 Dup		0.012													

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.865													
5111	Soil	0.058													
5111 Dup		0.052													
QCV1109-03047-0016-BLK		<0.005													
8634	Soil	0.093													
8634 Dup		0.097													
8590	Soil	0.006													
8590 Dup		0.007													
QCV1109-03047-0020-BLK		<0.005													
8608	Soil	0.012													
8608 Dup		0.017													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.858													
8626	Soil	0.149													
8626 Dup		0.145													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4561	Soil	2.27	2.55	<0.05	0.76	0.02	0.04	5.4	16.5	0.25	280	0.84	<0.01	0.67	19.7
4561 Dup		2.28	2.79	<0.05	0.27	0.02	0.04	6.0	17.7	0.25	290	0.87	<0.01	0.40	20.9
QCV1109-03046-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.65	5.96	0.05	0.32	1.09	0.33	30.7	16.1	1.28	671	1.05	0.02	0.27	38.0
4579	Soil	3.07	3.91	<0.05	0.05	0.02	0.04	20.1	41.6	0.43	307	0.50	<0.01	0.31	20.8
4579 Dup		3.11	4.22	<0.05	0.04	0.02	0.04	22.3	42.8	0.44	316	0.54	<0.01	0.32	21.6
QCV1109-03046-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		6.91	4.40	<0.05	0.41	0.45	0.09	4.1	8.4	0.83	2487	22.59	0.05	0.17	24.8
4597	Soil	2.98	4.86	<0.05	0.23	0.02	0.02	6.8	18.6	0.32	1337	0.86	<0.01	0.20	14.9
4597 Dup		2.87	4.88	<0.05	0.11	0.02	0.02	7.4	18.8	0.32	1314	0.90	<0.01	0.18	15.0
QCV1109-03046-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		4.68	3.88	0.05	0.33	0.44	0.08	3.5	7.6	0.77	1684	21.65	0.05	0.13	23.1
5039	Soil	3.05	2.91	<0.05	0.13	0.02	0.06	16.0	23.7	0.30	355	0.63	<0.01	0.27	28.7
5039 Dup		3.06	3.10	<0.05	0.11	0.02	0.06	17.9	26.1	0.30	356	0.67	<0.01	0.28	30.6
QCV1109-03046-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.36	5.83	<0.05	0.91	1.13	0.29	27.9	17.0	1.20	611	1.19	0.01	0.26	40.1
5057	Soil	3.39	4.83	<0.05	0.10	0.02	0.02	5.9	37.1	0.60	1542	1.02	<0.01	0.31	28.9
5057 Dup		3.50	4.99	<0.05	0.08	0.02	0.02	6.3	36.9	0.61	1467	1.03	<0.01	0.29	29.0
QCV1109-03046-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		4.81	3.62	0.07	0.28	0.44	0.07	3.2	7.3	0.72	1729	21.36	0.05	0.11	22.3
2149	Soil	3.34	3.98	<0.05	0.18	0.02	0.08	16.0	38.4	0.42	433	0.53	<0.01	0.26	32.1
2149 Dup		3.37	3.83	<0.05	0.17	0.02	0.08	16.4	39.6	0.41	426	0.50	<0.01	0.24	31.5
QCV1109-03046-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		4.64	3.76	0.06	0.29	0.41	0.08	3.1	7.1	0.72	1643	20.58	0.05	0.10	22.9
2167	Soil	2.47	3.14	<0.05	0.27	0.01	0.04	10.5	27.8	0.33	419	0.52	0.02	0.33	22.7
2167 Dup		2.60	3.12	<0.05	0.26	0.02	0.05	10.9	27.8	0.34	442	0.49	0.02	0.34	23.1
QCV1109-03046-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.49	5.97	<0.05	0.39	1.03	0.30	26.7	15.5	1.26	654	1.09	0.01	0.27	41.7
5111	Soil	2.80	4.23	<0.05	0.04	0.02	0.02	14.9	17.6	0.24	213	0.77	<0.01	0.42	15.4
5111 Dup		2.82	4.20	<0.05	0.04	0.01	0.02	14.8	17.3	0.25	213	0.84	<0.01	0.40	15.9
QCV1109-03046-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.34	5.90	0.10	0.39	1.13	0.29	27.6	16.8	1.20	611	1.14	0.01	0.26	41.2

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#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8634	Soil	4.10	4.67	0.07	0.04	0.03	0.02	19.2	24.7	0.34	307	0.94	<0.01	0.64	27.2
8634 Dup		4.08	4.72	0.07	0.03	0.03	0.02	18.9	24.8	0.33	302	0.91	<0.01	0.63	26.3
QCV1109-03046-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.57	5.98	0.10	0.40	1.17	0.30	28.2	18.5	1.27	650	1.07	0.02	0.29	39.5
8590	Soil	2.19	3.64	0.06	0.10	0.02	0.04	14.4	39.5	0.32	254	0.60	0.01	0.55	17.7
8590 Dup		2.06	3.29	0.05	0.09	0.02	0.03	9.9	34.5	0.30	239	0.60	0.01	0.49	16.7
QCV1109-03046-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		4.89	4.67	0.09	0.39	0.45	0.09	3.8	9.7	0.83	1754	24.59	0.06	0.19	24.7
8608	Soil	2.84	5.17	<0.05	0.02	0.02	0.02	14.8	13.3	0.18	240	0.85	<0.01	0.85	13.3
8608 Dup		2.84	5.30	<0.05	0.09	0.01	0.02	17.4	13.9	0.20	243	0.89	<0.01	0.91	13.9
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.50	6.45	0.06	0.39	1.17	0.30	30.2	17.0	1.23	642	1.23	0.02	0.35	41.6
QCV1109-03046-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8626	Soil	3.25	3.72	0.06	<0.02	0.02	0.02	18.2	10.1	0.12	203	0.74	<0.01	0.38	18.1
8626 Dup		3.30	4.09	0.08	<0.02	0.02	0.02	19.6	10.7	0.13	208	0.75	<0.01	0.40	19.1
QCV1109-03046-0036-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		5.05	4.71	0.10	0.33	0.45	0.08	3.8	7.8	0.86	1828	21.39	0.06	0.17	26.1

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#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4561	Soil	544	19.7	4.6	<0.01	0.04	1.11	1.6	<0.2	0.3	60.4	0.02	0.07	4.7	<0.005
4561 Dup		547	20.9	4.8	<0.01	0.04	1.16	1.3	<0.2	0.2	60.9	<0.01	0.07	4.0	<0.005
QCV1109-03046-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		669	30.5	17.8	<0.01	1.39	2.12	2.3	12.8	16.7	12.5	0.01	0.03	22.2	0.063
4579	Soil	165	15.6	5.4	<0.01	<0.01	0.66	1.5	<0.2	<0.2	12.0	<0.01	0.03	9.1	<0.005
4579 Dup		174	16.7	5.9	<0.01	<0.01	0.70	1.6	<0.2	<0.2	12.6	<0.01	0.02	9.3	<0.005
QCV1109-03046-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		557	>10000	3.3	<0.01	2.68	538.42	4.1	1.3	1.6		<0.01	1.38	1.4	0.100
4597	Soil	1239	17.6	3.2	<0.01	0.06	0.69	0.3	<0.2	0.2	4.8	<0.01	0.03	0.3	<0.005
4597 Dup		1186	17.9	3.2	<0.01	0.06	0.73	0.2	<0.2	0.2	4.7	<0.01	0.05	0.2	<0.005
QCV1109-03046-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		422	>10000	2.9	0.01	2.14	537.86	3.5	1.3	1.5		<0.01	1.37	1.6	0.064
5039	Soil	472	25.1	4.3	<0.01	<0.01	1.71	2.8	<0.2	<0.2	119.1	<0.01	0.01	10.4	<0.005
5039 Dup		467	26.7	4.8	<0.01	<0.01	1.80	3.1	<0.2	<0.2	125.2	<0.01	0.01	10.9	<0.005
QCV1109-03046-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		635	30.3	16.5	<0.01	1.29	2.24	2.3	13.5	16.7	13.2	0.01	0.03	20.6	0.044
5057	Soil	721	28.3	2.4	<0.01	0.05	1.20	0.5	<0.2	0.2	6.1	<0.01	0.06	0.5	<0.005
5057 Dup		747	29.4	2.4	<0.01	0.05	1.22	0.5	<0.2	0.2	5.9	<0.01	0.04	0.5	<0.005
QCV1109-03046-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		435	>10000	2.6	<0.01	2.19	512.38	3.1	1.1	1.5		<0.01	1.30	1.4	0.046
2149	Soil	414	26.5	4.7	<0.01	<0.01	1.21	3.1	<0.2	<0.2	77.4	<0.01	0.02	11.4	<0.005
2149 Dup		419	25.7	4.5	<0.01	<0.01	1.20	3.2	<0.2	<0.2	76.2	<0.01	0.03	11.9	<0.005
QCV1109-03046-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		421	>10000	2.6	<0.01	2.15	454.40	3.2	1.3	1.5		<0.01	1.31	1.4	0.050
2167	Soil	435	20.8	3.9	<0.01	0.01	0.68	1.8	<0.2	<0.2	30.9	<0.01	0.02	5.4	<0.005
2167 Dup		444	21.3	4.0	<0.01	0.01	0.67	1.9	<0.2	<0.2	31.4	<0.01	0.01	5.9	<0.005
QCV1109-03046-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		644	30.0	16.0	<0.01	1.34	2.12	2.3	13.4	15.6	12.6	0.01	0.03	20.7	0.049
5111	Soil	425	28.7	4.5	<0.01	0.01	0.94	0.8	<0.2	0.2	4.1	<0.01	0.04	4.9	<0.005
5111 Dup		426	28.1	4.5	<0.01	0.01	0.98	0.8	<0.2	0.2	4.2	<0.01	0.06	5.0	<0.005
QCV1109-03046-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		629	30.5	16.7	<0.01	1.31	2.21	2.3	13.8	16.8	13.0	0.01	0.05	21.7	0.044

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8634	Soil	476	36.7	5.6	<0.01	0.01	1.31	1.2	<0.2	0.3	3.9	<0.01	0.06	6.3	0.005
8634 Dup		474	36.5	5.6	<0.01	0.01	1.37	1.2	<0.2	0.3	4.1	<0.01	0.07	6.3	0.005
QCV1109-03046-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		653	30.6	17.2	<0.01	1.35	2.00	2.4	13.7	16.4	12.9	0.01	0.04	22.7	0.050
8590	Soil	353	13.5	4.6	<0.01	0.01	0.31	1.7	<0.2	0.2	45.8	<0.01	<0.01	5.2	<0.005
8590 Dup		320	12.8	3.7	<0.01	0.01	0.28	1.4	<0.2	<0.2	42.2	<0.01	0.01	3.9	<0.005
QCV1109-03046-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		441	>10000	3.2	0.01	2.28	526.39	4.4	1.1	1.5		<0.01	1.35	1.6	0.076
8608	Soil	368	19.1	4.9	<0.01	<0.01	0.62	1.0	<0.2	0.4	3.1	<0.01	0.04	6.9	0.005
8608 Dup		389	18.7	5.3	<0.01	<0.01	0.61	1.2	<0.2	0.4	3.7	<0.01	0.06	8.0	0.006
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		632	29.8	19.2	<0.01	1.32	2.13	2.7	13.6	16.7	13.5	0.01	0.04	21.2	0.057
QCV1109-03046-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
8626	Soil	355	31.7	4.4	<0.01	<0.01	1.12	1.0	0.2	0.2	4.7	<0.01	0.06	5.0	<0.005
8626 Dup		365	33.8	4.7	<0.01	<0.01	1.09	1.1	<0.2	0.2	5.1	<0.01	0.08	5.8	<0.005
QCV1109-03046-0036-BLK		<5	1.3	<0.1	<0.01	<0.01	0.06	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		451	>10000	3.3	0.01	2.32	458.42	4.4	1.6	1.5		<0.01	1.39	1.3	0.075

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Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4561	Soil	<0.05	1.09	15	0.09	2.08	47	2.7
4561 Dup		<0.05	1.12	15	0.10	2.16	49	2.7
QCV1109-03046-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.12	2.31	57	0.58	14.41	172	8.4
4579	Soil	<0.05	0.47	25	0.07	2.01	59	0.9
4579 Dup		<0.05	0.48	26	0.07	2.14	61	0.9
QCV1109-03046-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.24	0.73	84	0.25	6.22	5456	6.6
4597	Soil	<0.05	0.64	26	0.14	1.51	52	<0.5
4597 Dup		<0.05	0.61	26	0.09	1.49	51	<0.5
QCV1109-03046-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.24	0.69	59	0.25	5.30	4819	5.4
5039	Soil	<0.05	0.72	18	0.12	7.22	74	2.2
5039 Dup		<0.05	0.73	19	0.31	7.68	73	2.3
QCV1109-03046-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.11	2.16	52	0.53	12.72	171	21.3
5057	Soil	<0.05	0.53	33	0.09	1.63	78	<0.5
5057 Dup		<0.05	0.58	33	0.10	1.64	80	<0.5
QCV1109-03046-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.25	0.77	55	0.22	4.81	4920	4.4
2149	Soil	0.05	0.56	23	0.08	6.80	74	3.6
2149 Dup		0.05	0.57	23	0.07	6.54	74	3.6
QCV1109-03046-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.23	0.62	54	0.21	5.05	4796	4.4
2167	Soil	<0.05	2.20	19	0.15	5.54	62	3.4
2167 Dup		<0.05	2.27	20	0.15	5.40	64	3.5
QCV1109-03046-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.11	2.10	54	0.51	12.68	179	9.8
5111	Soil	<0.05	0.52	21	0.66	1.10	55	0.6
5111 Dup		<0.05	0.54	21	0.67	1.11	54	0.6
QCV1109-03046-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.11	2.07	52	0.50	12.32	172	9.8

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11-360-07762-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8634	Soil	<0.05	0.81	27	1.72	1.77	101	<0.5
8634 Dup		<0.05	0.80	27	1.67	1.75	100	<0.5
QCV1109-03046-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.11	2.24	55	0.54	13.11	181	9.4
8590	Soil	<0.05	0.57	21	0.07	3.28	44	1.6
8590 Dup		<0.05	0.50	19	0.07	2.97	40	1.5
QCV1109-03046-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.24	0.75	63	0.25	6.16	4986	6.3
8608	Soil	<0.05	0.56	26	0.27	1.50	56	0.5
8608 Dup		<0.05	0.62	28	0.27	1.64	58	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.11	2.11	54	0.51	14.82	175	10.8
QCV1109-03046-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
8626	Soil	<0.05	0.63	18	3.91	1.61	75	<0.5
8626 Dup		<0.05	0.69	19	3.86	1.73	77	<0.5
QCV1109-03046-0036-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.23	0.76	65	0.23	6.40	5230	6.2

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 6**
Client Reference: **Soil 6**
Description: **3 ACE**

Date Received: 09/29/2011
Date Completed: 10/28/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	1	No Sample	
Whitehorse, YT	193	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4601	Soil	0.031	0.21	2.20	260.4	32	0.51	0.41	0.08	0.08	35.39	19.9	32	1.24	51.4
4602	Soil	0.056	0.13	1.84	333.0	26	0.33	0.39	0.02	0.09	23.63	20.8	28	2.41	43.8
4603	Soil	0.017	0.16	1.95	136.5	36	0.32	0.37	0.01	0.14	22.50	14.9	31	1.92	35.0
4604	Soil	0.011	0.11	1.81	98.6	33	0.25	0.41	0.02	0.09	32.01	11.5	28	1.24	31.7
4605	Soil	0.011	0.13	1.61	196.5	54	0.30	0.37	0.02	0.08	24.32	12.5	28	2.20	29.8
4606	Soil	0.032	0.11	2.32	233.8	26	0.32	0.38	0.03	0.10	43.52	18.5	35	1.73	39.0
4607	Soil	0.027	0.06	2.59	171.0	29	0.44	0.35	0.05	0.09	54.26	17.8	42	1.27	38.0
4608	Soil	0.008	0.09	2.12	83.9	26	0.23	0.35	0.03	0.12	24.96	11.5	40	1.88	31.1
4609	Soil	0.012	0.06	1.79	118.6	25	0.29	0.35	0.02	0.09	20.66	11.6	26	1.37	31.0
4610	Soil	0.010	0.05	1.77	79.9	35	0.39	0.44	0.04	0.12	26.73	13.5	29	1.59	28.0
4611	Soil	0.011	0.06	1.81	105.9	23	0.26	0.33	0.02	0.06	22.78	12.2	30	2.02	29.5
4612	Soil	0.010	0.12	2.02	150.0	31	0.34	0.37	0.02	0.10	27.82	13.3	34	2.06	33.1
4613	Soil	0.014	0.13	2.03	204.6	38	0.35	0.35	0.01	0.11	32.15	12.1	32	2.02	32.4
4614	Soil	0.010	0.20	1.29	69.7	30	0.26	0.29	0.02	0.08	19.92	8.3	21	1.65	23.9
4615	Soil	0.008	0.07	1.89	69.5	36	0.29	0.39	0.02	0.11	32.35	10.2	32	2.15	27.3
4616	Soil	0.037	0.10	1.20	187.8	22	0.26	0.25	0.01	0.08	23.35	10.9	15	1.17	23.6
4617	Soil	0.015	0.06	2.43	99.6	25	0.34	0.43	0.05	0.09	41.05	18.1	35	1.61	39.6
4618	Soil	0.099	0.17	1.92	95.0	25	0.29	0.47	0.03	0.10	25.47	16.0	31	1.73	43.0
4619	Soil	0.007	0.06	2.11	47.1	23	0.24	0.43	0.01	0.08	30.96	14.6	34	1.05	33.3
4620	Soil	0.018	0.03	2.41	62.9	25	0.30	0.42	0.02	0.07	37.25	16.0	35	1.02	38.0
4621	Soil	0.034	0.08	2.55	73.9	37	0.56	0.46	0.04	0.11	48.01	20.0	34	0.98	44.3
4622	Soil	0.021	0.05	2.17	74.3	29	0.27	0.45	0.02	0.09	38.05	16.3	34	2.15	31.9
4623	Soil	0.024	0.09	2.28	126.3	26	0.28	0.46	0.02	0.11	35.88	16.1	35	1.37	36.6
4624	Soil	0.019	0.12	2.30	209.5	25	0.36	0.43	0.02	0.10	41.59	17.9	34	1.41	36.5
4625	Soil	0.083	0.08	2.46	90.9	27	0.39	0.45	0.04	0.11	60.78	19.8	34	1.24	41.2
4626	Soil	0.017	0.06	2.45	95.2	20	0.30	0.45	0.03	0.07	44.40	17.6	38	1.12	38.9
4627	Soil	0.010	0.07	1.94	51.3	31	0.30	0.39	0.01	0.09	26.28	13.0	28	1.29	28.1
4628	Soil	0.027	0.05	2.18	48.0	27	0.31	0.43	0.01	0.08	28.19	15.6	31	1.90	37.3
4629	Soil	0.015	0.05	2.63	38.2	48	0.55	0.52	0.03	0.11	42.57	20.6	36	1.50	51.2
4630	Soil	0.005	0.10	1.28	39.8	31	0.31	0.31	0.03	0.08	16.43	9.8	18	2.21	27.8
4631	Soil	0.026	0.04	2.18	50.1	27	0.27	0.43	0.03	0.09	32.83	17.4	32	2.04	35.6
4632	Soil	0.008	0.06	2.13	57.6	33	0.37	0.47	0.02	0.10	37.91	16.6	29	2.98	32.5
4633	Soil	0.012	0.08	2.09	52.8	29	0.34	0.52	0.02	0.10	39.02	13.4	30	2.50	36.7
4634	Soil	0.008	0.10	2.70	96.6	25	0.47	0.59	0.01	0.08	52.53	17.2	37	2.70	47.1
4635	Soil	0.006	0.32	1.82	50.4	29	0.38	0.45	0.03	0.11	32.02	16.7	25	3.83	54.9
4636	Soil	<0.005	0.15	1.30	68.9	24	0.20	0.41	0.04	0.19	30.84	12.5	20	6.87	29.5
4637	Soil	0.046	0.15	1.50	102.8	33	0.36	0.38	0.02	0.17	34.89	14.1	23	3.57	42.6
4638	Soil	0.009	0.06	2.32	193.1	21	0.31	0.52	0.02	0.14	32.06	21.5	33	1.98	57.6
4639	Soil	0.101	0.16	1.46	147.1	15	0.54	0.62	0.05	0.54	63.23	13.4	23	1.47	65.8
4640	Soil	0.011	0.16	1.67	38.0	30	0.34	0.37	0.02	0.13	21.60	14.5	22	1.45	31.8

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5065	Soil	0.013	0.08	1.68	144.9	33	0.40	0.30	0.03	0.10	20.83	13.4	24	0.93	24.8
5066	Soil	0.044	0.07	1.48	422.8	36	0.33	0.33	0.04	0.12	18.56	14.9	20	0.91	31.1
5067	Soil	0.028	0.07	1.52	217.8	25	0.35	0.28	0.04	0.12	19.59	15.1	20	0.76	31.4
5068	Soil	0.017	0.10	1.95	201.6	32	0.16	0.36	0.02	0.10	24.12	12.8	24	1.14	28.7
5069	Soil	0.015	0.05	2.25	118.8	28	0.34	0.33	0.03	0.08	32.21	25.8	25	1.36	42.5
5070	Soil	0.027	0.11	2.34	162.7	26	0.34	0.35	0.02	0.08	29.23	17.1	30	1.32	35.8
5071	Soil	0.029	0.18	2.24	81.5	29	0.29	0.33	0.02	0.10	30.91	14.1	31	1.26	26.0
5072	Soil	0.145	0.15	2.05	361.4	26	0.27	0.36	0.01	0.10	28.20	15.1	29	1.19	29.1
5073	Soil	0.016	0.06	1.64	93.1	33	0.21	0.30	0.03	0.11	21.54	10.8	24	1.37	21.6
5074	Soil	0.100	0.08	1.78	326.8	45	0.45	0.33	0.05	0.19	21.90	15.8	22	1.54	30.0
5075	Soil	0.064	0.08	1.73	26.0	34	0.21	0.25	0.05	0.09	24.93	10.6	23	0.74	23.4
5076	Soil	0.149	0.48	1.91	100.4	29	0.25	0.26	0.03	0.09	36.51	13.4	25	0.99	35.4
5077	Soil	0.133	0.20	2.36	78.5	34	0.39	0.32	0.11	0.10	42.25	17.7	34	1.52	32.7
5078	Soil	0.010	0.08	2.70	21.7	25	0.62	0.48	0.04	0.08	53.64	45.0	38	3.74	71.7
5079	Soil	0.011	0.07	2.60	26.9	24	0.40	0.41	0.05	0.09	33.61	31.5	37	3.04	53.9
5080	Soil	0.008	0.06	2.34	15.3	29	0.26	0.33	0.04	0.08	28.43	15.4	35	2.11	34.3
5081	Soil	0.012	0.05	1.37	10.7	23	0.18	0.26	0.03	0.07	18.73	8.7	19	1.32	20.4
5082	Soil	<0.005	0.08	1.97	10.6	22	0.19	0.25	0.03	0.09	25.84	9.7	27	1.76	25.2
5083	Soil	0.007	0.04	2.60	3.4	20	0.25	0.39	0.02	0.03	32.04	10.5	34	1.43	31.4
5084	Soil	0.010	0.04	2.85	14.8	21	0.36	0.33	0.06	0.08	26.12	14.8	39	1.42	35.6
5085	Soil	0.008	0.32	2.80	4.9	18	0.27	0.34	0.04	0.18	26.79	15.5	38	2.06	37.9
5086	Soil	<0.005	0.06	2.89	14.5	21	0.28	0.37	0.04	0.09	42.61	14.4	42	1.57	32.5
5087	Soil	<0.005	0.04	2.94	18.5	17	0.20	0.37	0.03	0.08	37.90	17.6	42	2.20	35.5
5088	Soil	0.009	0.05	2.66	13.7	21	0.39	0.28	0.04	0.08	51.74	18.1	41	2.55	45.6
5089	Soil	0.006	0.06	2.74	14.0	30	0.27	0.42	0.03	0.11	40.02	18.2	42	1.60	43.8
5090	Soil	0.022	0.06	0.96	3.7	22	0.11	0.19	0.04	0.06	11.48	4.4	12	1.10	16.7
5091	Soil	0.007	0.04	2.00	6.8	21	0.28	0.27	0.07	0.05	28.37	15.2	28	1.57	32.1
5092	Soil	0.006	0.05	2.80	13.7	19	0.26	0.51	0.04	0.06	14.35	9.8	41	2.85	31.1
5093	Soil	0.009	0.16	3.13	13.6	16	0.27	0.78	0.07	0.10	16.00	24.7	45	4.31	55.3
5094	Soil	0.006	0.12	2.83	9.7	22	0.44	0.58	0.05	0.11	40.14	25.4	38	5.41	59.5
5095	Soil	0.008	0.06	2.53	6.8	17	0.22	0.37	0.06	0.04	38.61	17.2	35	4.88	41.2
5096	Soil	0.006	0.07	3.18	10.8	20	0.28	0.47	0.05	0.06	34.30	17.8	43	5.31	54.4
5097	Soil	0.007	0.08	1.86	11.8	23	0.35	0.29	0.05	0.08	42.76	19.6	26	2.54	37.0
5098	Soil	0.018	0.05	2.91	6.6	16	0.33	0.33	0.06	0.06	44.76	20.7	40	1.55	47.0
5099	Soil	0.010	0.09	2.41	11.6	21	0.32	0.41	0.06	0.05	35.70	17.8	35	2.66	44.4
5100	Soil	0.011	0.08	3.18	37.3	23	0.59	0.52	0.06	0.05	32.82	29.5	45	1.85	66.1
5101	Soil	0.032	0.07	2.73	13.2	20	0.42	0.45	0.08	0.05	21.31	23.3	41	1.88	54.3
5102	Soil	0.009	0.10	2.82	15.6	28	0.52	0.46	0.06	0.08	58.24	23.3	45	4.54	53.6
5103	Soil	0.069	0.05	2.82	4.5	18	0.24	0.40	0.05	0.06	25.22	16.7	37	4.00	38.1
5104	Soil	0.008	0.06	2.80	22.8	22	0.38	0.38	0.04	0.06	36.21	23.3	37	4.63	47.4

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
8549	Soil	0.020	0.15	1.13	47.9	54	0.40	0.23	1.42	0.27	17.31	10.1	13	0.57	24.5
8550	Soil	0.024	0.21	0.94	43.7	62	0.36	0.24	1.29	0.30	16.32	7.1	10	0.47	22.1
8551	Soil	0.019	0.10	1.20	69.9	62	0.52	0.32	1.61	0.11	46.03	11.8	13	0.66	24.2
8552	Soil	0.046	0.04	0.60	196.5	46	0.15	0.30	0.05	0.46	32.73	5.0	6	0.42	7.6
8553	Soil	0.028	0.07	1.15	26.6	71	0.55	0.33	1.62	0.07	34.91	10.9	12	0.51	25.2
8554	Soil	0.026	0.48	1.01	14.4	79	0.45	0.21	1.43	0.13	22.65	7.8	10	0.45	28.8
8555	Soil	0.018	0.15	1.20	12.3	83	0.48	0.25	0.46	0.13	34.11	7.3	14	0.59	13.7
8556	Soil	0.005	0.07	1.37	12.2	64	0.31	0.28	0.06	0.08	56.56	6.9	15	0.72	14.4
8557	Soil	0.011	0.07	1.68	17.2	86	0.53	0.30	0.04	0.13	64.56	9.0	17	0.52	17.6
8558	Soil	0.009	0.05	0.88	7.5	39	0.20	0.22	0.01	0.13	62.89	3.4	8	0.42	7.5
8559	Soil	0.009	0.03	0.32	6.4	15	0.06	0.15	0.02	0.07	45.83	3.2	5	0.30	4.2
8560	Soil	0.036	0.06	0.86	37.2	47	0.18	0.29	0.07	0.12	40.88	6.2	11	0.50	14.1
8561	Soil	0.007	0.06	1.02	12.9	61	0.43	0.22	0.67	0.25	19.12	6.6	10	0.40	15.9
8562	Soil	0.008	0.08	1.04	13.2	55	0.42	0.27	1.91	0.11	21.57	10.5	11	0.36	24.1
8563	Soil	0.009	0.08	1.01	13.1	54	0.39	0.28	2.22	0.09	22.97	9.4	11	0.41	23.0
8564	Soil	0.011	0.10	1.40	19.5	75	0.55	0.35	1.26	0.08	44.28	13.1	17	0.57	29.3
8565	Soil	0.005	0.09	0.69	5.1	59	0.34	0.13	4.39	0.27	8.91	5.9	8	0.35	17.7
8566	Soil	0.010	0.05	1.02	19.4	54	0.34	0.22	1.04	0.13	25.10	6.4	10	0.34	17.2
8567	Soil	0.008	0.08	1.43	16.4	62	0.49	0.35	0.96	0.05	45.55	13.8	17	0.60	30.5
8568	Soil	0.009	0.08	1.38	19.4	70	0.44	0.38	1.09	0.07	38.62	14.1	17	0.56	29.6
8569	Soil	0.012	0.07	1.23	17.2	60	0.47	0.34	1.32	0.10	31.51	13.3	16	0.50	29.1
8570	Soil	0.011	0.04	1.07	7.0	57	0.27	0.24	0.45	0.05	28.05	6.0	12	0.38	15.7
8571	Soil	0.011	0.22	1.39	9.1	62	0.56	0.28	0.05	0.02	41.93	7.8	14	0.49	17.6
8572	Soil	0.011	0.09	1.34	19.2	47	0.73	0.48	0.05	0.06	47.21	14.1	16	0.81	31.0
8573	Soil	0.009	0.05	1.57	8.2	58	0.41	0.25	0.03	0.02	46.15	6.2	14	0.49	11.5
8574	Soil	0.010	0.03	1.30	10.2	53	0.27	0.24	0.03	0.03	43.42	5.9	13	0.36	12.3
8575	Soil	0.008	0.15	0.89	0.4	64	0.39	0.08	1.83	0.08	15.51	5.8	4	0.24	11.3
8576	Soil	0.013	0.13	1.59	12.4	47	0.60	0.36	1.37	0.13	29.05	13.6	18	0.88	28.0
8577	Soil	0.009	0.14	1.49	1.4	52	0.46	0.32	1.27	0.09	34.34	10.9	17	0.41	21.6
8578	Soil	0.010	0.20	1.22	4.9	66	0.63	0.29	1.74	0.21	34.05	8.7	14	0.43	27.1
8579	Soil	0.008	0.06	1.56	9.2	65	0.59	0.33	0.26	0.05	49.14	11.0	17	0.51	18.6
8580	Soil	0.008	0.09	1.19	7.2	58	0.48	0.36	0.96	0.08	23.80	9.8	14	0.36	19.0
8581	Soil	0.011	0.04	0.98	6.3	38	0.22	0.24	0.12	0.04	37.17	5.8	10	0.30	7.9
8582	Soil	0.009	0.05	1.57	9.7	80	0.58	0.38	0.46	0.04	46.88	11.3	20	0.58	20.0
8583	Soil	0.006	0.05	0.44	<0.1	28	0.12	0.16	0.10	0.07	18.27	2.0	4	0.47	7.1
8584	Soil	0.008	0.07	1.24	6.4	42	0.22	0.40	0.14	0.05	48.46	5.6	15	0.75	11.8
8585	Soil	0.008	0.04	1.23	4.5	45	0.56	0.19	0.05	0.07	31.71	5.2	9	0.33	7.6
8586	Soil	0.009	0.09	1.68	192.6	78	0.79	0.37	0.05	0.05	46.62	10.0	16	1.07	14.8
8587	Soil	0.012	0.03	1.05	9.5	29	0.13	0.31	0.03	0.03	59.05	5.9	13	0.57	7.7
8588	Soil	0.014	0.16	1.35	8.5	69	0.48	0.30	0.88	0.05	30.67	11.0	18	0.40	34.1

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4641	Soil	0.010	0.12	1.90	140.8	32	0.44	0.47	0.06	0.21	25.69	15.7	29	2.64	44.3
4642	Soil	0.009	0.16	1.63	24.9	23	0.37	0.36	0.03	0.13	17.84	14.4	24	3.41	39.4
4643	Soil	0.010	0.76	1.96	281.8	39	1.18	0.51	0.55	0.34	18.04	28.2	31	14.50	85.4
4644	Soil	0.010	0.14	0.77	39.4	21	0.12	0.23	0.03	0.12	14.15	7.7	11	3.43	19.2
4645	Soil	0.071	0.33	1.98	212.0	29	0.56	0.45	0.46	0.40	19.22	24.6	30	9.84	54.6
4646	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4647	Soil	0.016	0.20	1.96	193.0	44	0.56	0.49	0.10	0.25	31.98	29.4	28	5.23	60.7
4648	Soil	0.016	0.16	2.38	325.4	34	0.54	0.46	0.03	0.24	36.02	15.3	34	4.63	49.7
4649	Soil	0.010	0.17	2.18	71.2	30	0.65	0.48	0.04	0.19	47.49	29.9	35	2.55	71.6
4650	Soil	0.009	0.12	0.86	172.7	30	0.17	0.43	0.01	0.19	19.38	5.9	17	0.56	18.1
4651	Soil	<0.005	0.13	0.43	8.7	22	0.14	0.16	0.10	0.36	9.39	1.5	7	0.27	7.7
4652	Soil	0.012	0.06	0.49	23.1	28	0.13	0.23	0.04	0.24	14.99	2.0	6	0.34	10.5
4653	Soil	0.032	0.55	1.65	166.1	43	0.66	0.47	0.72	0.84	15.37	16.6	23	4.04	61.9
4654	Soil	0.050	0.17	0.83	87.0	42	0.19	0.45	0.02	0.25	32.15	6.7	13	0.89	17.3
4655	Soil	0.084	0.33	1.54	288.7	67	0.52	0.49	0.62	0.42	17.72	14.7	20	1.77	37.0
4656	Soil	0.065	0.22	1.57	346.3	35	0.60	0.60	0.06	0.40	28.21	12.1	22	1.33	24.1
4657	Soil	0.015	0.18	1.04	121.5	41	0.24	0.43	0.02	0.38	30.31	6.1	14	1.11	14.7
4658	Soil	0.028	0.22	1.36	106.0	32	0.25	0.42	<0.01	0.15	26.68	8.8	20	0.77	21.5
4659	Soil	0.035	0.45	1.54	157.9	29	0.41	0.53	0.01	0.26	28.36	12.1	22	1.30	27.0
4660	Soil	0.025	0.17	1.27	112.8	29	0.27	0.48	0.01	0.20	30.91	8.6	18	0.80	20.5
4661	Soil	0.039	0.21	1.44	132.2	29	0.44	0.48	0.01	0.18	30.74	13.9	23	0.94	29.3
4662	Soil	0.068	0.17	1.55	183.4	34	0.38	0.45	0.01	0.22	27.92	15.6	23	1.13	35.1
4663	Soil	0.035	0.11	1.85	163.1	32	0.32	0.51	<0.01	0.17	32.33	12.8	28	0.80	25.5
4664	Soil	0.040	0.26	1.21	143.2	26	0.26	0.50	0.02	0.16	23.74	9.0	20	0.84	23.3
4665	Soil	0.020	0.29	1.29	83.2	34	0.30	0.42	0.02	0.17	26.37	7.5	19	0.73	14.9
4666	Soil	0.036	0.14	1.39	120.5	33	0.25	0.49	<0.01	0.09	23.41	8.0	18	0.67	19.2
4667	Soil	0.031	0.21	1.83	122.2	33	0.44	0.44	<0.01	0.16	34.60	12.4	27	0.81	28.3
4668	Soil	0.045	0.47	1.69	166.5	35	0.49	0.54	0.01	0.18	33.73	13.4	27	1.13	30.2
4669	Soil	0.072	0.24	1.39	268.3	27	0.26	0.66	0.01	0.23	30.81	11.4	22	0.77	35.0
2219	Soil	0.053	0.11	1.71	156.2	43	0.46	0.64	0.09	0.22	29.79	14.5	24	0.98	31.1
2220	Soil	0.032	0.13	1.73	157.4	43	0.47	0.63	0.11	0.22	28.31	16.2	25	0.98	32.2
2221	Soil	0.024	0.20	1.67	86.9	47	0.46	0.48	0.78	0.26	15.50	14.4	26	2.37	35.9
2222	Soil	0.021	0.24	1.74	97.9	51	0.47	0.55	0.82	0.15	16.39	14.3	27	1.90	36.5
2223	Soil	0.022	0.52	1.64	79.2	48	0.46	0.50	0.83	0.17	14.25	13.1	25	2.31	36.7
2179	Soil	0.006	0.52	0.86	25.4	58	0.63	0.48	0.52	0.11	35.91	17.0	14	0.59	26.6
2180	Soil	<0.005	0.11	0.81	5.6	38	0.20	0.34	0.23	0.11	30.38	5.8	8	0.30	11.1
2181	Soil	<0.005	0.08	0.70	4.7	32	0.20	0.28	0.11	0.10	23.84	5.7	9	0.38	8.0
2182	Soil	0.017	0.15	0.70	5.3	43	0.27	0.20	0.10	0.06	9.24	4.3	6	0.71	3.9
2183	Soil	<0.005	0.05	1.16	5.9	64	0.33	0.31	0.05	0.04	28.42	6.7	13	0.43	6.1
2184	Soil	0.010	0.13	1.67	39.1	105	0.58	0.31	0.66	0.17	18.90	11.0	17	0.95	23.4

NS = No Sample

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Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
2185	Soil	0.006	0.05	1.34	30.2	81	0.49	0.26	0.58	0.14	19.14	8.4	13	0.76	19.9
2186	Soil	<0.005	0.11	1.05	15.3	48	0.43	0.16	1.34	0.09	11.89	4.8	8	0.33	22.5
2187	Soil	<0.005	0.10	1.21	11.5	52	0.50	0.31	1.06	0.10	21.18	10.4	16	0.37	24.8
2188	Soil	0.006	0.05	1.42	10.9	59	0.56	0.30	0.12	0.03	42.10	11.7	18	0.50	24.0
2189	Soil	0.006	0.03	1.58	12.8	64	0.55	0.33	0.11	0.03	51.37	12.6	19	0.59	26.5
2190	Soil	<0.005	0.03	1.67	14.2	100	0.56	0.32	0.07	0.05	42.59	11.2	18	0.51	19.7
2191	Soil	<0.005	0.05	1.33	6.3	68	0.32	0.30	0.04	0.10	32.48	5.9	13	0.36	8.9
2192	Soil	<0.005	0.06	1.58	12.2	69	0.52	0.38	0.15	0.05	42.54	13.4	20	0.46	26.4
2193	Soil	<0.005	0.05	1.55	8.8	67	0.52	0.32	0.18	0.04	36.97	12.1	18	0.47	21.8
2194	Soil	<0.005	0.06	1.44	5.2	49	0.61	0.38	0.31	0.04	30.47	9.6	18	0.40	16.5
2195	Soil	0.012	0.08	1.35	86.1	36	0.32	0.36	0.02	0.12	18.18	10.0	19	0.69	22.5
2196	Soil	0.015	0.18	0.92	213.5	28	0.17	0.36	<0.01	0.09	23.22	8.3	14	0.83	25.0
2197	Soil	0.006	0.13	1.11	26.4	32	0.25	0.58	0.01	0.06	25.97	12.0	19	2.54	48.8
2198	Soil	0.038	0.08	1.84	15.0	29	0.37	0.61	0.01	0.06	28.39	10.6	28	2.60	41.2
2199	Soil	0.007	0.41	1.24	26.3	29	0.19	0.33	0.02	0.11	13.95	6.1	19	1.18	21.9
2200	Soil	0.008	0.10	0.41	7.4	52	0.15	0.10	0.04	0.30	6.25	2.2	5	1.27	6.8
2201	Soil	0.173	0.26	0.90	408.8	34	0.32	0.55	0.01	0.23	30.56	13.3	14	2.06	32.0
2202	Soil	0.153	0.18	0.64	358.8	29	0.20	0.40	<0.01	0.32	26.50	9.2	15	1.69	24.9
2203	Soil	0.161	0.46	0.46	438.4	24	0.33	0.63	<0.01	0.25	29.15	13.0	8	2.05	28.1
2204	Soil	0.260	0.26	0.49	499.9	30	0.33	0.37	0.02	0.30	18.35	13.0	9	1.28	26.2
2205	Soil	0.174	0.33	0.96	471.4	25	0.25	0.91	0.02	0.51	14.80	10.6	22	0.85	29.1
2206	Soil	0.006	0.51	0.56	70.1	25	0.13	0.37	0.02	0.24	11.27	2.8	7	0.69	12.8
2207	Soil	0.054	0.60	1.19	300.2	28	0.34	0.79	0.02	0.34	25.80	13.2	19	1.26	28.9
2208	Soil	0.119	0.37	1.19	385.4	25	0.34	0.77	0.02	0.33	25.75	12.3	18	0.96	30.9
2209	Soil	0.041	0.31	1.00	430.6	44	0.34	0.45	0.03	0.30	19.04	8.3	12	1.62	24.7
2210	Soil	0.057	0.30	0.72	179.5	36	0.21	0.35	0.02	0.28	12.91	6.3	10	0.88	17.0
2211	Soil	0.033	0.61	0.84	545.3	47	0.24	1.68	0.03	0.39	17.43	8.0	13	1.34	20.4
2212	Soil	0.024	0.15	0.94	156.3	33	0.24	0.43	0.01	0.21	23.17	8.4	14	1.02	21.2
2213	Soil	0.037	0.47	0.88	126.6	30	0.17	0.28	0.01	0.14	25.90	5.8	11	0.87	18.7
2214	Soil	0.034	0.14	1.43	151.4	60	0.35	0.38	0.04	0.16	26.79	10.9	17	1.14	22.8
2215	Soil	0.063	0.13	1.54	211.3	31	0.28	0.49	<0.01	0.17	39.47	12.0	22	1.50	26.3
2216	Soil	0.065	0.09	1.19	288.7	25	0.30	0.60	0.02	0.14	27.22	12.2	18	1.83	31.4
2217	Soil	0.016	0.12	0.31	89.7	17	0.09	0.26	0.01	0.07	18.86	4.7	5	0.42	12.9
2218	Soil	0.016	0.19	1.05	110.0	40	0.33	0.59	0.03	0.21	22.82	7.6	13	1.39	22.7

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4601	Soil	4.25	6.28	0.05	0.31	0.02	0.02	18.6	53.4	0.99	870	0.79	<0.01	0.34	49.0
4602	Soil	4.03	5.51	<0.05	0.32	0.02	0.02	11.4	37.8	0.67	864	0.76	<0.01	0.23	40.4
4603	Soil	4.20	6.58	<0.05	0.21	0.02	0.02	11.4	32.2	0.60	845	0.90	<0.01	0.45	31.0
4604	Soil	4.00	6.60	<0.05	0.13	0.02	0.03	16.3	31.8	0.57	640	0.88	<0.01	0.47	28.0
4605	Soil	4.17	6.74	<0.05	0.10	0.02	0.02	12.3	23.3	0.40	1709	0.80	<0.01	0.27	21.5
4606	Soil	4.54	6.87	<0.05	0.17	0.02	0.02	22.0	55.3	0.94	794	0.71	<0.01	0.22	45.8
4607	Soil	4.68	7.89	<0.05	0.09	0.02	0.02	26.5	60.4	1.06	772	0.68	<0.01	0.24	47.6
4608	Soil	4.58	7.40	<0.05	0.27	0.02	0.03	12.1	41.3	0.79	812	0.97	<0.01	0.27	33.7
4609	Soil	3.60	5.31	<0.05	0.15	0.02	0.02	10.2	31.5	0.58	549	0.74	<0.01	0.30	27.3
4610	Soil	3.62	5.96	<0.05	0.05	0.02	0.04	12.8	38.7	0.66	494	0.96	<0.01	0.35	31.4
4611	Soil	3.93	6.14	<0.05	0.12	0.02	0.03	10.5	37.6	0.69	563	0.72	<0.01	0.36	31.4
4612	Soil	4.59	7.30	<0.05	0.18	0.02	0.02	13.6	36.9	0.66	743	0.83	<0.01	0.51	29.4
4613	Soil	3.99	6.50	<0.05	0.12	0.02	0.03	15.3	40.8	0.71	554	0.87	<0.01	0.40	33.4
4614	Soil	2.93	5.10	<0.05	0.06	0.01	0.02	10.2	19.2	0.34	933	0.74	0.01	0.28	16.3
4615	Soil	4.21	7.31	<0.05	0.06	0.02	0.03	16.1	28.7	0.49	615	0.99	<0.01	0.45	22.8
4616	Soil	2.43	3.69	<0.05	0.04	0.01	0.02	11.3	24.2	0.38	531	0.65	0.01	0.12	22.4
4617	Soil	4.38	7.12	<0.05	0.13	0.03	0.04	20.1	61.1	0.97	691	0.75	<0.01	0.32	45.0
4618	Soil	4.06	6.31	<0.05	0.10	0.02	0.03	12.7	45.8	0.73	874	0.82	<0.01	0.43	36.3
4619	Soil	4.15	7.22	<0.05	0.08	0.02	0.02	15.7	46.9	0.80	703	0.98	<0.01	0.51	35.1
4620	Soil	4.39	7.07	<0.05	0.13	0.03	0.02	19.2	63.3	0.98	630	0.81	<0.01	0.28	41.3
4621	Soil	4.22	7.71	<0.05	0.15	0.03	0.02	24.2	73.2	1.03	658	0.73	<0.01	0.21	53.3
4622	Soil	4.06	7.02	<0.05	0.09	0.03	0.03	19.6	51.8	0.81	953	1.02	<0.01	0.47	36.0
4623	Soil	4.56	6.80	<0.05	0.16	0.03	0.03	17.7	53.9	0.88	698	0.78	<0.01	0.30	39.7
4624	Soil	4.37	6.32	<0.05	0.12	0.03	0.03	21.0	57.6	0.90	689	0.82	<0.01	0.27	42.3
4625	Soil	4.34	6.89	0.07	0.08	0.03	0.03	30.3	69.2	1.02	831	0.88	<0.01	0.27	46.4
4626	Soil	4.81	7.47	<0.05	0.10	0.03	0.02	21.9	62.0	1.00	670	0.85	<0.01	0.28	45.1
4627	Soil	3.54	5.95	<0.05	0.05	0.03	0.02	13.2	46.5	0.70	572	1.01	<0.01	0.32	31.5
4628	Soil	4.12	6.23	<0.05	0.09	0.02	0.02	14.8	55.1	0.86	626	0.89	<0.01	0.38	37.0
4629	Soil	4.51	7.73	<0.05	0.10	0.03	0.03	20.6	73.4	1.00	799	0.69	<0.01	0.10	52.4
4630	Soil	2.79	4.70	<0.05	0.04	0.02	0.02	8.5	23.7	0.33	719	0.83	0.01	0.23	19.5
4631	Soil	4.27	6.74	<0.05	0.10	0.02	0.03	16.6	54.1	0.84	626	0.86	<0.01	0.36	39.9
4632	Soil	4.02	6.84	<0.05	0.06	0.02	0.03	18.9	50.2	0.74	759	1.00	<0.01	0.47	33.2
4633	Soil	4.23	6.95	<0.05	0.10	0.02	0.03	20.2	48.8	0.76	549	0.98	<0.01	0.42	32.9
4634	Soil	4.78	7.49	0.05	0.15	0.03	0.02	26.6	74.3	1.11	629	0.86	<0.01	0.18	47.2
4635	Soil	3.91	5.77	<0.05	2.33	0.02	0.03	16.6	38.0	0.62	791	0.99	<0.01	0.50	27.6
4636	Soil	3.02	5.26	<0.05	0.50	0.02	0.02	16.3	29.3	0.41	478	0.95	<0.01	0.26	21.2
4637	Soil	4.03	5.12	<0.05	0.27	0.02	0.02	17.7	34.4	0.55	418	0.98	<0.01	0.19	36.8
4638	Soil	4.95	7.03	<0.05	0.23	0.03	0.02	16.8	56.8	0.89	639	1.03	<0.01	0.33	40.7
4639	Soil	4.55	4.50	0.06	0.08	0.05	0.02	34.5	44.4	0.60	341	1.03	<0.01	<0.05	39.0
4640	Soil	3.24	5.67	<0.05	0.14	0.02	0.02	11.2	41.6	0.59	593	0.87	<0.01	0.29	28.3

NS = No Sample

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11-360-07828-01

Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

Vol 7-210

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5065	Soil	3.21	5.23	<0.05	0.09	0.02	0.03	9.7	40.5	0.62	742	0.86	<0.01	0.36	29.0
5066	Soil	3.25	4.58	<0.05	0.14	0.02	0.02	8.9	30.8	0.57	929	0.93	<0.01	0.30	27.2
5067	Soil	3.40	4.48	<0.05	0.13	0.02	0.02	9.5	37.4	0.63	694	0.77	<0.01	0.28	33.2
5068	Soil	3.62	5.92	<0.05	0.10	0.02	0.03	11.4	41.1	0.71	901	1.06	<0.01	0.35	28.4
5069	Soil	3.65	6.13	<0.05	0.09	0.02	0.03	16.0	68.0	1.08	1345	1.00	<0.01	0.29	38.2
5070	Soil	4.10	6.45	<0.05	0.27	0.02	0.02	14.6	58.3	0.92	683	0.92	<0.01	0.38	38.2
5071	Soil	4.13	6.88	<0.05	0.11	0.02	0.03	14.3	49.2	0.81	879	0.99	<0.01	0.45	35.2
5072	Soil	4.20	6.13	<0.05	0.11	0.02	0.02	14.1	46.6	0.77	935	0.91	<0.01	0.38	38.0
5073	Soil	3.16	5.61	<0.05	0.08	0.02	0.03	10.0	31.6	0.49	818	1.10	<0.01	0.35	24.6
5074	Soil	3.25	4.82	<0.05	0.08	0.02	0.03	9.6	36.3	0.66	1403	0.83	<0.01	0.27	30.1
5075	Soil	2.96	5.13	<0.05	0.10	0.02	0.02	11.6	38.3	0.65	728	0.78	<0.01	0.30	28.7
5076	Soil	3.49	5.65	<0.05	0.14	0.02	0.02	17.4	45.1	0.69	626	0.81	<0.01	0.26	32.6
5077	Soil	4.15	6.95	0.05	0.09	0.02	0.03	21.1	58.8	0.95	1145	0.95	<0.01	0.30	43.5
5078	Soil	4.87	8.37	0.07	0.06	0.03	0.02	24.6	73.0	1.09	946	0.99	<0.01	0.10	55.4
5079	Soil	4.47	7.73	<0.05	0.21	0.02	0.02	16.8	71.1	1.06	902	0.84	<0.01	0.20	50.2
5080	Soil	3.92	7.20	<0.05	0.16	0.02	0.02	14.1	63.1	0.92	531	0.82	<0.01	0.46	38.9
5081	Soil	2.41	5.23	<0.05	0.05	0.01	0.02	9.3	28.6	0.42	294	1.02	0.01	0.34	19.7
5082	Soil	3.36	6.64	0.05	0.07	0.01	0.02	13.6	51.8	0.76	368	0.91	<0.01	0.38	32.1
5083	Soil	4.03	7.54	0.05	0.23	0.02	0.02	16.3	70.1	1.06	442	0.75	<0.01	0.09	41.7
5084	Soil	4.45	8.08	0.08	0.21	0.02	0.02	13.0	79.0	1.20	600	0.73	<0.01	0.24	47.0
5085	Soil	4.35	8.41	0.07	0.16	0.02	0.02	11.9	73.0	1.09	473	0.74	<0.01	0.13	44.8
5086	Soil	4.61	9.02	0.07	0.21	0.02	0.03	21.2	85.2	1.17	544	0.74	0.01	0.31	48.1
5087	Soil	4.43	8.50	0.08	0.22	0.02	0.03	19.9	80.9	1.24	546	0.76	<0.01	0.26	47.4
5088	Soil	4.72	8.46	0.10	0.14	0.02	0.02	27.5	84.3	1.07	541	0.88	<0.01	0.25	48.9
5089	Soil	4.48	8.77	0.09	0.21	0.02	0.02	21.0	79.2	1.09	638	0.86	<0.01	0.61	42.9
5090	Soil	1.32	3.31	0.05	0.08	<0.01	0.02	5.8	17.1	0.22	127	0.66	0.02	0.28	10.2
5091	Soil	3.07	6.09	0.06	0.22	0.01	0.02	14.4	60.6	0.82	483	0.55	0.01	0.16	33.4
5092	Soil	4.30	8.54	0.08	0.22	0.02	0.03	5.6	92.1	1.16	485	0.64	0.01	0.06	45.1
5093	Soil	4.88	9.44	0.08	2.26	0.04	0.02	6.1	93.6	1.27	600	2.22	<0.01	0.10	55.4
5094	Soil	4.57	9.09	0.08	0.76	0.03	0.03	17.3	81.7	1.13	778	0.77	<0.01	0.11	49.8
5095	Soil	3.95	7.88	0.08	0.26	0.02	0.03	15.7	73.8	1.04	558	0.74	0.01	0.14	41.8
5096	Soil	4.61	8.94	0.09	0.25	0.02	0.03	14.2	94.7	1.28	606	0.78	0.01	0.10	51.0
5097	Soil	3.38	5.49	0.07	0.23	0.02	0.03	21.4	49.3	0.74	1376	0.91	0.01	0.20	33.6
5098	Soil	4.45	8.93	0.09	0.23	0.02	0.02	20.6	93.9	1.20	656	0.57	<0.01	0.08	49.5
5099	Soil	3.79	7.47	0.07	0.20	0.02	0.03	17.3	74.9	0.99	525	0.65	0.01	0.16	38.9
5100	Soil	5.17	9.20	0.09	0.15	0.03	0.02	15.1	94.2	1.30	652	0.74	<0.01	<0.05	59.4
5101	Soil	4.58	8.04	0.07	0.21	0.02	0.02	8.9	79.5	1.14	688	0.73	<0.01	0.07	49.7
5102	Soil	4.58	8.93	0.10	0.21	0.02	0.02	30.2	89.1	1.14	1035	0.84	<0.01	0.09	52.2
5103	Soil	4.16	8.36	0.08	0.23	0.02	0.02	9.9	83.3	1.11	496	0.78	0.01	0.13	47.1
5104	Soil	4.32	8.39	0.11	0.18	0.02	0.03	15.2	85.8	1.18	661	0.67	<0.01	0.17	46.6

NS = No Sample

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Vol 7-211

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8549	Soil	2.34	2.88	<0.05	0.55	0.01	0.06	9.2	27.1	0.41	441	0.60	0.01	0.38	24.1
8550	Soil	2.04	2.55	<0.05	0.26	0.02	0.03	8.3	20.6	0.27	279	0.57	<0.01	0.31	20.6
8551	Soil	2.89	3.03	<0.05	0.11	0.02	0.07	21.5	27.4	0.31	383	0.55	<0.01	0.19	28.0
8552	Soil	2.15	3.22	<0.05	0.07	0.02	0.03	16.7	7.5	0.07	121	0.72	<0.01	0.55	9.8
8553	Soil	2.79	3.04	<0.05	0.13	0.02	0.06	17.0	23.1	0.26	331	0.54	<0.01	0.27	27.3
8554	Soil	1.94	2.59	<0.05	0.22	0.02	0.05	11.9	16.2	0.19	472	0.58	0.02	0.34	18.9
8555	Soil	2.53	3.75	<0.05	0.09	0.03	0.04	15.8	24.1	0.25	308	0.66	<0.01	0.68	17.0
8556	Soil	2.78	4.22	<0.05	0.04	0.02	0.05	27.3	42.9	0.35	164	0.60	<0.01	0.31	19.4
8557	Soil	3.08	4.22	<0.05	0.04	0.03	0.06	31.6	37.3	0.34	188	0.62	<0.01	0.36	25.6
8558	Soil	1.80	4.21	<0.05	0.03	0.01	0.03	32.3	11.5	0.11	62	0.48	<0.01	0.53	7.9
8559	Soil	1.22	2.74	<0.05	0.03	<0.01	0.01	22.4	0.5	0.02	53	0.65	<0.01	0.53	7.5
8560	Soil	2.60	3.38	<0.05	0.08	0.02	0.04	21.1	18.9	0.20	228	0.56	<0.01	0.42	15.9
8561	Soil	1.97	2.63	<0.05	0.15	0.01	0.04	9.7	23.2	0.21	129	0.43	0.01	0.39	17.3
8562	Soil	2.44	2.66	<0.05	0.24	0.02	0.06	10.3	27.5	0.32	383	0.45	<0.01	0.27	24.0
8563	Soil	2.19	2.49	<0.05	0.12	0.02	0.06	11.5	23.6	0.30	368	0.55	0.02	0.27	21.8
8564	Soil	3.11	3.83	<0.05	0.12	0.02	0.09	22.1	39.5	0.41	552	0.51	0.01	0.32	31.0
8565	Soil	1.25	1.81	<0.05	0.39	<0.01	0.04	4.4	13.5	0.24	404	0.63	0.01	0.46	12.3
8566	Soil	1.99	2.75	<0.05	0.15	0.01	0.04	12.3	20.5	0.22	164	0.50	0.01	0.38	15.4
8567	Soil	3.05	3.97	<0.05	0.19	0.02	0.09	22.7	39.1	0.45	448	0.56	<0.01	0.34	32.4
8568	Soil	3.03	3.73	<0.05	0.17	0.02	0.08	19.3	35.6	0.44	528	0.59	<0.01	0.36	31.1
8569	Soil	2.90	3.29	<0.05	0.19	0.02	0.08	16.1	33.5	0.37	515	0.54	<0.01	0.36	29.6
8570	Soil	2.34	3.56	<0.05	0.07	0.02	0.04	14.6	28.0	0.26	123	0.63	<0.01	0.34	16.4
8571	Soil	2.43	4.23	<0.05	2.91	0.01	0.03	21.3	38.9	0.38	153	0.52	<0.01	0.45	22.1
8572	Soil	3.48	3.45	<0.05	0.81	0.03	0.03	22.6	42.3	0.43	264	0.63	<0.01	0.29	32.0
8573	Soil	2.70	3.97	<0.05	0.38	0.02	0.03	23.6	37.6	0.36	138	0.51	<0.01	0.41	17.8
8574	Soil	2.47	3.89	<0.05	0.22	0.02	0.03	21.0	30.4	0.32	130	0.49	<0.01	0.40	17.0
8575	Soil	0.96	1.66	<0.05	0.63	0.01	0.02	7.8	8.1	0.10	565	0.44	0.02	0.52	9.1
8576	Soil	2.92	4.43	<0.05	0.33	0.03	0.02	13.5	59.6	0.56	378	0.54	<0.01	0.31	29.2
8577	Soil	2.70	4.26	<0.05	0.18	0.03	0.02	17.2	58.0	0.51	465	0.46	0.01	0.26	28.0
8578	Soil	2.69	3.06	<0.05	0.24	0.03	0.04	15.0	33.7	0.37	518	0.59	<0.01	0.38	23.6
8579	Soil	3.18	4.44	<0.05	0.11	0.03	0.04	23.7	41.7	0.39	338	0.54	<0.01	0.59	25.3
8580	Soil	2.39	3.17	<0.05	0.16	0.02	0.03	11.0	34.8	0.39	443	0.46	<0.01	0.44	23.1
8581	Soil	2.17	3.62	<0.05	0.07	0.02	0.02	17.2	23.2	0.22	295	0.51	<0.01	0.48	13.2
8582	Soil	3.04	4.42	<0.05	0.26	0.02	0.05	23.6	50.5	0.53	442	0.53	<0.01	0.46	28.9
8583	Soil	0.79	2.34	<0.05	0.08	<0.01	0.02	9.6	5.3	0.05	35	0.41	0.01	0.35	3.3
8584	Soil	2.57	5.48	<0.05	0.05	0.01	0.02	25.6	37.6	0.38	139	0.72	<0.01	0.87	14.1
8585	Soil	2.40	3.07	<0.05	0.08	0.02	0.03	15.3	14.9	0.12	159	0.56	0.01	0.54	11.0
8586	Soil	2.85	4.58	<0.05	0.11	0.03	0.03	23.0	40.2	0.32	323	0.56	<0.01	0.90	17.2
8587	Soil	1.95	4.75	<0.05	0.04	<0.01	0.02	30.0	28.6	0.30	148	0.60	<0.01	0.57	13.1
8588	Soil	2.67	3.81	<0.05	0.21	0.02	0.04	15.4	39.7	0.50	547	0.56	<0.01	0.59	26.3

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4641	Soil	4.22	6.84	<0.05	0.10	0.03	0.03	13.4	46.5	0.69	668	0.97	<0.01	0.49	33.4
4642	Soil	2.91	5.33	<0.05	0.15	0.02	0.03	8.2	43.4	0.58	623	0.94	0.01	0.29	26.2
4643	Soil	3.64	4.96	<0.05	0.59	0.05	0.05	8.0	51.1	0.70	895	1.01	<0.01	0.21	46.0
4644	Soil	1.75	3.08	<0.05	0.02	<0.01	0.02	7.6	15.8	0.24	281	0.67	0.02	0.15	12.1
4645	Soil	3.46	6.08	<0.05	0.38	0.03	0.04	8.9	58.1	0.79	956	0.83	0.01	0.25	41.4
4646	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4647	Soil	3.76	6.35	<0.05	0.23	0.03	0.03	16.8	53.2	0.68	977	1.09	0.01	0.34	39.4
4648	Soil	4.25	7.12	<0.05	0.16	0.03	0.03	18.1	63.8	0.86	590	0.87	<0.01	0.24	42.2
4649	Soil	4.72	6.70	<0.05	0.14	0.03	0.02	25.0	67.0	0.85	899	0.93	<0.01	0.10	52.6
4650	Soil	3.69	5.36	<0.05	0.03	0.02	0.02	10.5	12.3	0.19	164	1.07	<0.01	0.99	15.2
4651	Soil	0.64	2.20	<0.05	0.03	<0.01	0.01	4.9	2.9	0.04	57	0.70	0.01	0.50	6.7
4652	Soil	1.13	2.98	<0.05	0.10	0.01	0.01	8.1	2.9	0.03	47	0.54	0.01	0.69	5.2
4653	Soil	3.28	4.64	<0.05	0.20	0.02	0.03	8.7	46.8	0.52	727	0.95	<0.01	0.71	41.1
4654	Soil	3.20	5.59	<0.05	<0.02	0.02	0.02	17.4	10.4	0.16	250	0.87	<0.01	0.89	15.4
4655	Soil	3.17	4.02	<0.05	0.32	0.03	0.05	9.6	36.7	0.49	614	0.89	<0.01	0.29	35.6
4656	Soil	3.82	4.68	<0.05	0.07	0.03	0.02	15.3	43.6	0.45	326	0.73	<0.01	0.39	32.0
4657	Soil	3.22	4.97	<0.05	0.03	0.01	0.02	17.0	16.6	0.18	196	0.82	<0.01	0.68	14.1
4658	Soil	3.77	5.01	<0.05	3.00	0.02	0.02	14.4	26.1	0.34	240	0.88	<0.01	0.82	20.3
4659	Soil	3.91	4.70	<0.05	0.53	0.02	0.03	15.5	30.5	0.40	284	0.92	<0.01	0.63	27.4
4660	Soil	3.73	5.47	<0.05	0.37	0.02	0.02	16.8	20.6	0.26	202	0.92	<0.01	0.79	18.7
4661	Soil	3.59	3.93	<0.05	0.23	0.02	0.02	16.9	38.7	0.47	333	0.61	<0.01	0.15	32.7
4662	Soil	3.86	4.15	<0.05	0.21	0.02	0.02	15.3	40.2	0.50	354	0.74	<0.01	0.19	36.3
4663	Soil	4.13	5.79	<0.05	0.20	0.02	0.03	18.0	50.3	0.66	385	0.73	<0.01	0.29	35.0
4664	Soil	3.75	5.01	<0.05	0.13	0.02	0.02	13.2	24.5	0.32	227	0.90	<0.01	0.46	21.9
4665	Soil	3.01	4.96	<0.05	0.14	0.02	0.03	14.4	23.4	0.26	261	0.98	<0.01	1.10	16.2
4666	Soil	3.50	4.87	<0.05	0.13	0.02	0.02	13.2	23.9	0.32	212	0.78	<0.01	0.50	19.9
4667	Soil	3.89	4.44	<0.05	0.08	0.02	0.03	19.0	46.3	0.54	289	0.73	<0.01	0.19	31.7
4668	Soil	4.17	4.59	0.07	0.10	0.03	0.03	18.3	43.9	0.51	322	0.87	<0.01	0.36	34.3
4669	Soil	3.86	4.10	0.06	0.22	0.02	0.02	17.1	33.7	0.48	318	0.74	<0.01	0.15	30.3
2219	Soil	3.37	5.24	0.05	0.18	0.03	0.03	16.0	39.4	0.77	420	0.88	<0.01	0.38	32.2
2220	Soil	3.43	5.18	0.05	0.14	0.03	0.03	15.2	41.1	0.77	459	0.98	<0.01	0.36	33.0
2221	Soil	3.23	4.55	<0.05	0.34	0.02	0.03	8.7	48.7	0.63	413	0.76	<0.01	0.73	31.4
2222	Soil	3.42	4.72	<0.05	0.31	0.02	0.03	9.5	51.0	0.67	419	0.67	<0.01	0.68	32.0
2223	Soil	3.08	4.35	<0.05	0.32	0.02	0.03	8.1	45.3	0.62	366	0.66	<0.01	0.67	30.0
2179	Soil	3.48	2.41	<0.05	0.12	0.04	0.03	15.9	21.6	0.24	603	0.84	<0.01	0.45	28.2
2180	Soil	2.45	3.67	<0.05	0.07	0.01	0.03	16.0	12.0	0.12	121	0.83	<0.01	0.54	11.4
2181	Soil	2.21	3.35	<0.05	0.06	0.01	0.02	12.5	14.6	0.14	167	0.69	<0.01	0.70	10.7
2182	Soil	2.54	2.65	<0.05	0.07	0.02	0.02	4.0	5.3	0.02	305	0.66	0.01	0.54	5.5
2183	Soil	2.67	4.04	<0.05	0.05	0.02	0.02	14.2	22.4	0.21	215	0.62	<0.01	0.73	12.9
2184	Soil	2.78	3.85	<0.05	0.21	0.02	0.06	9.5	31.1	0.37	384	0.46	0.02	0.39	24.7

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
2185	Soil	2.38	3.17	<0.05	0.18	0.02	0.05	9.1	24.2	0.29	333	0.42	0.02	0.36	19.7
2186	Soil	1.47	2.36	<0.05	0.34	0.01	0.02	6.3	15.3	0.16	225	0.61	0.02	0.55	13.4
2187	Soil	2.86	3.08	<0.05	0.17	0.03	0.04	11.1	35.2	0.35	421	0.73	<0.01	0.30	25.3
2188	Soil	3.18	3.51	<0.05	0.08	0.02	0.04	20.9	37.7	0.42	394	0.49	<0.01	0.23	27.8
2189	Soil	3.19	3.99	<0.05	0.06	0.02	0.05	26.1	41.8	0.45	359	0.51	<0.01	0.24	30.8
2190	Soil	3.20	4.10	<0.05	0.18	0.02	0.03	22.0	45.1	0.42	244	0.52	<0.01	0.25	26.0
2191	Soil	2.77	4.79	<0.05	0.08	0.02	0.02	16.7	29.3	0.21	179	0.72	<0.01	0.59	11.9
2192	Soil	3.45	3.94	<0.05	0.16	0.03	0.03	19.0	50.0	0.48	493	0.53	<0.01	0.33	31.4
2193	Soil	3.08	3.90	<0.05	0.14	0.03	0.03	17.6	45.0	0.46	325	0.50	<0.01	0.30	27.2
2194	Soil	3.13	3.69	<0.05	0.14	0.03	0.03	16.1	50.4	0.50	467	0.53	<0.01	0.34	25.9
2195	Soil	3.51	4.30	<0.05	0.10	0.02	0.02	9.8	26.0	0.34	286	0.77	<0.01	0.53	24.0
2196	Soil	3.05	5.58	<0.05	2.72	0.01	0.02	12.6	13.0	0.21	228	0.92	<0.01	0.51	15.5
2197	Soil	4.09	5.36	<0.05	0.48	0.02	0.02	15.1	19.5	0.27	316	1.02	<0.01	0.52	23.8
2198	Soil	4.62	6.84	<0.05	0.30	0.02	0.02	16.4	42.5	0.54	373	0.97	<0.01	0.52	26.0
2199	Soil	3.02	4.80	<0.05	0.30	0.01	0.02	8.4	22.9	0.32	284	0.71	<0.01	0.28	17.5
2200	Soil	0.70	2.47	<0.05	0.35	<0.01	0.02	3.3	0.8	0.02	665	0.73	0.01	0.18	4.5
2201	Soil	4.13	3.10	0.06	0.10	0.03	0.02	17.4	13.6	0.16	430	0.84	<0.01	0.33	30.7
2202	Soil	3.30	3.14	0.06	0.04	0.02	0.02	14.4	5.8	0.09	333	1.24	<0.01	0.45	23.4
2203	Soil	3.34	2.18	0.06	0.06	0.03	0.02	16.4	2.6	0.04	257	0.88	<0.01	0.25	30.0
2204	Soil	2.84	1.91	<0.05	0.08	0.02	0.02	9.8	5.2	0.08	350	0.74	<0.01	0.18	25.8
2205	Soil	4.20	3.79	0.07	0.06	0.04	0.02	8.2	16.6	0.23	295	0.91	<0.01	0.41	26.6
2206	Soil	1.40	3.04	<0.05	0.07	0.01	0.02	6.7	2.3	0.03	115	0.66	0.01	0.24	6.8
2207	Soil	3.90	4.68	0.06	0.24	0.03	0.03	14.1	22.2	0.29	477	0.89	<0.01	0.60	26.0
2208	Soil	3.80	4.02	0.08	0.13	0.03	0.02	14.3	23.4	0.29	317	0.71	<0.01	0.36	29.3
2209	Soil	3.13	4.76	0.07	0.06	0.02	0.02	10.3	9.6	0.10	518	1.05	0.01	0.70	18.5
2210	Soil	2.37	3.86	0.07	0.07	0.02	0.03	7.1	7.9	0.09	358	0.56	<0.01	0.27	12.7
2211	Soil	3.07	4.82	0.08	0.04	0.05	0.03	9.5	10.6	0.13	468	0.82	<0.01	0.57	15.3
2212	Soil	2.96	4.89	0.07	0.03	0.02	0.02	12.5	14.3	0.17	277	0.73	<0.01	0.60	16.0
2213	Soil	2.21	3.90	0.05	0.03	0.01	0.02	14.0	13.7	0.15	170	0.68	0.01	0.45	12.9
2214	Soil	2.96	4.81	0.06	0.06	0.02	0.03	14.4	27.1	0.33	377	0.72	<0.01	0.65	22.9
2215	Soil	4.09	6.34	0.09	0.05	0.03	0.03	21.4	31.8	0.36	344	0.93	<0.01	1.01	26.4
2216	Soil	4.01	5.56	0.09	0.04	0.03	0.03	14.1	21.9	0.33	335	1.13	<0.01	0.83	27.6
2217	Soil	1.37	3.30	0.07	0.03	0.01	0.02	10.2	1.1	0.03	95	0.62	0.01	0.15	8.1
2218	Soil	2.52	5.38	0.07	0.04	0.03	0.03	12.2	18.9	0.37	200	0.94	0.01	0.40	18.5

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4601	Soil	611	36.7	2.3	<0.01	<0.01	1.52	3.1	<0.2	0.2	8.6	<0.01	0.06	7.7	0.005
4602	Soil	822	36.5	2.2	<0.01	0.03	1.95	2.0	<0.2	<0.2	7.5	<0.01	0.06	4.3	<0.005
4603	Soil	1025	27.4	3.1	<0.01	0.06	1.14	0.8	0.3	0.2	5.3	<0.01	0.03	1.2	<0.005
4604	Soil	1048	31.7	4.9	<0.01	0.03	1.06	0.8	<0.2	0.3	5.9	<0.01	0.02	1.9	<0.005
4605	Soil	1355	32.9	4.2	<0.01	0.06	1.13	0.3	0.3	0.3	7.3	<0.01	0.05	0.5	<0.005
4606	Soil	690	26.3	3.0	<0.01	0.01	1.35	2.2	<0.2	<0.2	7.4	<0.01	0.04	6.9	<0.005
4607	Soil	531	20.4	3.0	<0.01	<0.01	1.20	2.7	0.2	0.2	6.7	<0.01	0.06	9.4	0.006
4608	Soil	1245	19.6	3.8	<0.01	0.05	0.86	1.5	<0.2	<0.2	6.6	<0.01	0.02	4.7	<0.005
4609	Soil	822	21.9	2.5	<0.01	0.04	0.92	1.0	<0.2	<0.2	5.6	<0.01	0.02	2.0	<0.005
4610	Soil	762	29.9	5.0	<0.01	0.03	0.97	0.7	<0.2	0.3	7.3	<0.01	0.06	0.9	0.005
4611	Soil	893	22.9	3.5	<0.01	0.03	0.91	0.9	<0.2	0.2	5.8	<0.01	0.02	1.5	<0.005
4612	Soil	965	29.3	4.0	<0.01	0.03	1.01	1.1	0.4	0.3	5.3	<0.01	0.02	2.6	<0.005
4613	Soil	743	25.6	4.6	<0.01	0.03	1.08	1.0	0.2	0.3	6.0	<0.01	0.02	2.1	<0.005
4614	Soil	915	21.5	3.7	<0.01	0.03	0.61	0.3	<0.2	0.3	4.8	<0.01	0.02	0.5	<0.005
4615	Soil	1155	19.3	4.8	<0.01	0.04	0.93	0.5	<0.2	0.4	6.8	<0.01	<0.01	0.8	0.005
4616	Soil	599	29.5	2.9	<0.01	0.03	1.42	0.3	<0.2	<0.2	5.1	<0.01	<0.01	0.5	<0.005
4617	Soil	726	34.7	3.9	<0.01	0.02	1.05	2.2	<0.2	0.2	6.9	<0.01	0.05	7.1	0.005
4618	Soil	684	31.4	4.0	<0.01	0.02	0.96	1.3	<0.2	0.3	5.4	<0.01	0.07	3.0	0.006
4619	Soil	639	20.9	3.7	<0.01	0.02	0.92	1.2	<0.2	0.3	3.8	<0.01	0.04	2.1	0.008
4620	Soil	570	26.4	3.5	<0.01	0.01	0.97	2.0	<0.2	0.2	5.2	<0.01	0.06	6.5	<0.005
4621	Soil	560	36.2	2.9	<0.01	0.01	1.14	2.7	0.3	0.2	6.2	<0.01	0.09	8.8	<0.005
4622	Soil	890	27.3	5.2	<0.01	0.03	1.02	1.3	0.3	0.3	6.2	<0.01	0.05	3.1	0.007
4623	Soil	792	46.8	4.0	<0.01	0.02	1.24	1.8	<0.2	0.2	5.9	<0.01	0.04	6.1	<0.005
4624	Soil	601	36.0	3.9	<0.01	0.01	1.34	2.0	<0.2	<0.2	5.4	<0.01	0.05	7.0	<0.005
4625	Soil	537	28.3	3.1	<0.01	0.01	1.58	2.4	<0.2	<0.2	6.7	<0.01	0.03	10.2	0.005
4626	Soil	722	29.3	3.2	<0.01	0.01	1.41	2.2	<0.2	0.2	5.2	<0.01	0.05	7.7	<0.005
4627	Soil	676	23.7	3.9	<0.01	0.02	1.13	0.7	0.3	0.3	4.7	<0.01	0.08	1.3	<0.005
4628	Soil	624	25.4	3.6	<0.01	0.02	1.42	1.2	<0.2	0.3	4.7	<0.01	0.03	3.0	0.006
4629	Soil	462	31.9	3.5	<0.01	<0.01	0.99	2.8	<0.2	<0.2	12.7	<0.01	0.10	11.8	<0.005
4630	Soil	743	17.4	3.7	<0.01	0.04	0.69	0.2	<0.2	0.2	6.1	<0.01	0.01	0.4	<0.005
4631	Soil	792	28.4	3.8	<0.01	0.02	1.12	1.5	<0.2	0.2	6.0	<0.01	0.02	4.3	0.005
4632	Soil	787	31.8	5.4	<0.01	0.03	1.39	0.9	0.3	0.3	6.1	<0.01	0.07	1.8	0.006
4633	Soil	929	23.5	4.5	<0.01	0.02	1.29	1.0	<0.2	0.3	5.5	<0.01	0.05	2.8	<0.005
4634	Soil	594	42.0	3.3	<0.01	0.02	1.44	2.0	0.3	<0.2	6.8	<0.01	0.05	9.3	<0.005
4635	Soil	1051	30.9	3.9	<0.01	0.03	1.12	1.4	<0.2	0.3	7.1	<0.01	0.01	4.1	0.007
4636	Soil	930	25.5	4.9	<0.01	0.03	1.48	0.4	<0.2	0.2	10.0	<0.01	0.02	1.1	<0.005
4637	Soil	1010	40.6	4.3	<0.01	0.03	2.26	1.1	<0.2	<0.2	16.2	<0.01	0.05	3.6	<0.005
4638	Soil	816	38.3	3.0	<0.01	0.03	2.05	1.9	<0.2	0.2	6.5	<0.01	0.03	6.1	<0.005
4639	Soil	660	258.7	1.8	<0.01	0.01	5.06	2.3	<0.2	0.2	32.0	<0.01	0.08	16.7	<0.005
4640	Soil	712	24.7	3.7	<0.01	0.01	0.95	1.0	<0.2	0.2	4.2	<0.01	0.05	3.3	<0.005

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5065	Soil	699	23.3	4.2	<0.01	0.04	1.14	0.5	<0.2	0.3	4.9	<0.01	<0.01	0.9	<0.005
5066	Soil	736	31.2	3.1	<0.01	0.04	1.74	0.8	<0.2	<0.2	7.7	<0.01	0.06	1.8	<0.005
5067	Soil	590	24.9	2.3	<0.01	0.02	1.48	1.3	<0.2	<0.2	6.0	<0.01	0.02	2.7	0.006
5068	Soil	846	29.1	4.0	<0.01	0.05	2.01	0.7	<0.2	0.2	5.9	<0.01	<0.01	1.5	<0.005
5069	Soil	669	44.8	3.3	<0.01	0.02	1.13	1.4	0.2	0.2	6.5	<0.01	0.05	3.0	0.007
5070	Soil	800	25.9	3.4	<0.01	0.04	1.43	1.3	<0.2	0.2	6.2	<0.01	0.05	3.7	0.006
5071	Soil	671	30.4	4.2	<0.01	0.03	1.25	1.0	<0.2	0.3	5.8	<0.01	0.03	2.0	0.007
5072	Soil	571	48.3	3.7	<0.01	0.03	3.16	1.5	<0.2	0.2	7.2	<0.01	0.03	4.6	0.008
5073	Soil	854	25.5	4.7	<0.01	0.06	1.07	0.3	0.3	0.3	7.1	<0.01	<0.01	0.6	<0.005
5074	Soil	722	28.2	3.4	<0.01	0.04	1.76	1.0	<0.2	0.2	9.5	<0.01	0.05	1.9	0.007
5075	Soil	577	31.4	2.7	<0.01	0.02	0.87	1.0	0.3	<0.2	6.8	<0.01	0.02	3.2	0.008
5076	Soil	633	29.0	2.7	<0.01	0.03	1.69	1.4	<0.2	<0.2	6.4	<0.01	0.02	4.6	0.005
5077	Soil	786	41.8	3.5	<0.01	0.02	1.32	2.3	<0.2	0.2	12.5	<0.01	0.04	8.5	0.008
5078	Soil	529	56.3	2.3	<0.01	<0.01	1.38	3.6	<0.2	<0.2	8.6	<0.01	0.07	12.9	<0.005
5079	Soil	696	52.3	2.3	<0.01	0.02	1.60	2.6	<0.2	<0.2	6.5	<0.01	0.05	8.2	<0.005
5080	Soil	786	22.1	3.5	<0.01	0.03	0.89	1.7	<0.2	0.2	5.0	<0.01	0.05	4.3	0.007
5081	Soil	607	18.7	2.4	<0.01	0.04	0.57	0.2	<0.2	0.2	4.5	<0.01	0.06	0.3	<0.005
5082	Soil	643	17.9	2.5	<0.01	0.03	0.92	0.7	<0.2	0.2	4.4	<0.01	0.04	1.3	<0.005
5083	Soil	431	29.7	1.9	<0.01	0.01	1.36	1.7	<0.2	<0.2	4.6	<0.01	0.03	7.1	<0.005
5084	Soil	669	25.6	2.6	<0.01	0.01	1.05	2.0	<0.2	<0.2	5.2	<0.01	0.03	6.9	<0.005
5085	Soil	1249	36.9	2.8	<0.01	0.05	0.42	2.0	<0.2	<0.2	4.8	<0.01	0.02	6.4	<0.005
5086	Soil	794	21.6	3.6	<0.01	0.02	0.79	2.0	<0.2	0.2	5.0	<0.01	<0.01	8.3	<0.005
5087	Soil	628	31.2	2.6	<0.01	0.02	0.96	1.9	<0.2	<0.2	3.5	<0.01	0.03	6.8	<0.005
5088	Soil	532	24.5	2.9	<0.01	0.01	1.25	2.5	<0.2	0.2	4.4	<0.01	0.06	8.0	<0.005
5089	Soil	826	38.4	2.7	<0.01	0.03	0.85	1.6	<0.2	0.3	3.5	<0.01	0.04	6.3	0.008
5090	Soil	707	10.3	1.7	<0.01	0.05	0.50	<0.1	<0.2	<0.2	4.2	<0.01	<0.01	<0.2	<0.005
5091	Soil	704	14.6	1.8	<0.01	0.02	0.47	1.4	<0.2	<0.2	4.1	<0.01	0.01	5.0	<0.005
5092	Soil	555	33.2	2.1	<0.01	0.02	1.23	2.1	<0.2	<0.2	5.6	<0.01	0.09	8.2	<0.005
5093	Soil	593	54.2	2.3	<0.01	0.02	0.56	2.9	<0.2	<0.2	8.9	<0.01	0.10	12.6	<0.005
5094	Soil	619	58.5	3.3	<0.01	0.02	1.25	2.9	<0.2	0.2	9.3	<0.01	0.08	11.8	<0.005
5095	Soil	609	27.6	3.1	<0.01	<0.01	0.69	2.3	<0.2	<0.2	6.8	<0.01	0.05	10.4	<0.005
5096	Soil	462	38.2	2.8	<0.01	<0.01	1.20	2.9	<0.2	<0.2	6.5	<0.01	0.04	13.8	<0.005
5097	Soil	710	43.6	2.8	<0.01	0.02	1.07	2.2	<0.2	<0.2	6.1	<0.01	0.04	5.3	<0.005
5098	Soil	547	25.5	1.8	<0.01	<0.01	0.94	2.6	<0.2	<0.2	4.7	<0.01	0.06	9.5	<0.005
5099	Soil	508	32.2	2.2	<0.01	<0.01	1.30	2.1	<0.2	<0.2	4.5	<0.01	0.04	8.5	<0.005
5100	Soil	456	37.0	1.3	<0.01	<0.01	1.72	3.5	<0.2	<0.2	6.8	<0.01	0.06	12.6	<0.005
5101	Soil	580	45.8	1.4	<0.01	<0.01	1.06	2.7	<0.2	<0.2	5.8	<0.01	0.06	8.1	<0.005
5102	Soil	827	45.0	3.2	<0.01	0.02	1.16	2.9	<0.2	<0.2	7.2	<0.01	0.07	8.7	<0.005
5103	Soil	505	26.1	2.5	<0.01	0.01	0.43	2.2	<0.2	<0.2	6.2	<0.01	0.04	8.8	<0.005
5104	Soil	484	32.7	3.0	<0.01	<0.01	0.86	2.7	<0.2	<0.2	5.7	<0.01	0.03	11.2	<0.005

NS = No Sample

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8549	Soil	540	21.5	4.8	<0.01	0.05	0.81	1.3	<0.2	<0.2	81.9	<0.01	0.01	4.3	<0.005
8550	Soil	464	17.0	3.1	<0.01	0.04	0.72	0.9	<0.2	<0.2	65.2	<0.01	<0.01	2.8	<0.005
8551	Soil	398	29.8	5.5	<0.01	<0.01	1.17	2.8	<0.2	<0.2	86.2	<0.01	<0.01	11.4	<0.005
8552	Soil	245	30.7	4.6	<0.01	<0.01	0.69	0.6	<0.2	0.3	6.5	<0.01	<0.01	7.8	<0.005
8553	Soil	400	22.2	4.2	<0.01	<0.01	1.15	3.0	<0.2	0.2	99.7	<0.01	<0.01	9.8	<0.005
8554	Soil	505	19.7	3.6	<0.01	0.02	1.11	1.9	<0.2	<0.2	95.3	<0.01	0.01	3.5	<0.005
8555	Soil	429	17.1	5.9	<0.01	0.02	0.62	2.1	<0.2	0.3	45.5	<0.01	<0.01	4.3	<0.005
8556	Soil	222	16.3	7.1	<0.01	<0.01	0.59	1.4	<0.2	0.3	10.5	<0.01	0.01	9.2	<0.005
8557	Soil	245	22.0	6.7	<0.01	<0.01	0.67	2.0	<0.2	0.3	8.7	<0.01	0.02	12.7	<0.005
8558	Soil	230	10.4	4.7	<0.01	<0.01	0.57	0.7	<0.2	0.4	4.2	<0.01	0.01	7.3	<0.005
8559	Soil	228	6.7	2.4	<0.01	<0.01	0.52	0.3	<0.2	0.3	2.9	<0.01	<0.01	3.7	0.008
8560	Soil	210	17.8	5.6	<0.01	<0.01	1.07	1.0	<0.2	0.2	10.7	<0.01	<0.01	9.3	<0.005
8561	Soil	295	14.4	4.9	<0.01	0.02	0.72	1.1	<0.2	<0.2	53.5	<0.01	<0.01	4.6	<0.005
8562	Soil	566	19.8	3.6	<0.01	0.02	0.89	2.4	<0.2	<0.2	111.3	<0.01	0.01	6.4	<0.005
8563	Soil	492	17.2	3.9	<0.01	0.03	0.95	1.5	<0.2	<0.2	123.4	<0.01	<0.01	2.7	<0.005
8564	Soil	539	23.6	5.9	<0.01	0.01	1.13	3.1	<0.2	<0.2	81.4	<0.01	<0.01	8.4	<0.005
8565	Soil	716	9.3	3.2	<0.01	0.10	0.51	0.6	0.6	<0.2	224.3	0.01	<0.01	0.9	<0.005
8566	Soil	241	13.3	4.0	<0.01	0.02	0.61	1.5	<0.2	<0.2	61.2	<0.01	<0.01	5.4	<0.005
8567	Soil	523	24.4	5.6	<0.01	<0.01	1.31	3.6	<0.2	<0.2	62.9	<0.01	0.03	11.8	<0.005
8568	Soil	472	24.5	5.2	<0.01	0.01	1.34	3.2	<0.2	<0.2	68.4	<0.01	0.02	9.8	<0.005
8569	Soil	482	22.4	4.7	<0.01	0.01	1.42	3.2	<0.2	<0.2	72.2	<0.01	<0.01	10.0	<0.005
8570	Soil	169	11.6	4.3	<0.01	0.01	0.75	1.3	<0.2	<0.2	40.2	<0.01	<0.01	6.0	<0.005
8571	Soil	145	16.3	4.5	<0.01	<0.01	0.46	1.9	<0.2	0.2	8.4	<0.01	0.01	9.2	<0.005
8572	Soil	331	31.9	6.1	<0.01	<0.01	1.15	2.5	<0.2	<0.2	8.6	<0.01	0.01	12.0	<0.005
8573	Soil	147	15.6	5.4	<0.01	<0.01	0.32	1.4	<0.2	0.2	6.4	<0.01	<0.01	10.0	<0.005
8574	Soil	139	12.0	4.4	<0.01	<0.01	0.31	1.4	<0.2	0.2	6.0	<0.01	<0.01	8.6	<0.005
8575	Soil	720	5.8	2.0	<0.01	0.04	0.13	0.8	0.3	<0.2	138.3	0.02	<0.01	1.1	0.007
8576	Soil	602	25.1	3.0	<0.01	0.05	0.34	3.8	<0.2	<0.2	84.9	<0.01	0.01	5.8	<0.005
8577	Soil	938	19.8	2.6	<0.01	0.02	0.23	3.1	<0.2	<0.2	85.1	<0.01	<0.01	4.5	<0.005
8578	Soil	1408	20.1	4.4	<0.01	0.06	0.33	2.6	1.1	<0.2	122.5	<0.01	0.01	3.4	<0.005
8579	Soil	189	18.7	5.5	<0.01	<0.01	0.42	3.4	<0.2	0.3	29.4	<0.01	<0.01	10.4	<0.005
8580	Soil	571	17.1	3.3	<0.01	0.02	0.37	1.8	<0.2	<0.2	76.8	<0.01	<0.01	4.2	<0.005
8581	Soil	200	14.4	3.1	<0.01	<0.01	0.26	1.0	<0.2	0.2	14.6	<0.01	<0.01	6.6	<0.005
8582	Soil	481	21.1	5.2	<0.01	<0.01	0.34	2.4	<0.2	<0.2	46.6	<0.01	0.01	11.5	<0.005
8583	Soil	198	7.8	2.6	<0.01	<0.01	0.11	0.2	<0.2	0.2	13.5	<0.01	<0.01	1.3	<0.005
8584	Soil	186	16.2	4.2	<0.01	<0.01	0.23	0.9	<0.2	0.4	14.2	<0.01	<0.01	7.9	0.006
8585	Soil	211	14.6	3.8	<0.01	<0.01	0.21	1.2	<0.2	0.2	8.4	<0.01	<0.01	6.5	<0.005
8586	Soil	250	24.6	7.0	<0.01	<0.01	0.30	1.6	<0.2	0.4	9.8	<0.01	0.01	9.8	<0.005
8587	Soil	159	13.6	4.1	<0.01	<0.01	0.21	0.9	<0.2	0.3	5.9	<0.01	<0.01	9.3	<0.005
8588	Soil	605	21.4	3.3	<0.01	0.02	0.39	2.5	<0.2	0.2	72.6	<0.01	<0.01	7.1	<0.005

NS = No Sample

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4641	Soil	1031	38.2	5.7	<0.01	0.02	1.47	1.3	<0.2	0.3	6.9	<0.01	0.03	3.7	0.006
4642	Soil	835	41.6	2.9	<0.01	0.03	0.72	0.8	<0.2	<0.2	4.1	<0.01	<0.01	1.9	<0.005
4643	Soil	1297	186.5	4.5	<0.01	0.07	1.82	2.6	0.5	0.2	36.4	<0.01	0.04	5.1	<0.005
4644	Soil	642	16.7	2.4	<0.01	0.03	0.63	<0.1	<0.2	<0.2	6.5	<0.01	0.01	<0.2	<0.005
4645	Soil	926	103.9	5.5	<0.01	0.04	1.18	2.3	<0.2	0.2	30.7	<0.01	0.04	4.7	<0.005
4646	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4647	Soil	1165	59.9	5.2	<0.01	0.04	1.64	1.7	<0.2	0.2	25.7	<0.01	0.02	4.1	<0.005
4648	Soil	762	39.2	4.4	<0.01	0.02	1.26	1.9	<0.2	0.2	9.2	<0.01	0.05	6.2	<0.005
4649	Soil	1025	53.4	2.2	<0.01	0.02	2.18	2.1	<0.2	0.2	18.6	<0.01	0.02	6.5	<0.005
4650	Soil	533	44.7	3.4	<0.01	0.02	0.69	0.6	<0.2	0.4	4.5	<0.01	0.04	2.2	0.008
4651	Soil	237	36.5	1.2	<0.01	0.02	0.12	<0.1	<0.2	0.3	8.9	<0.01	<0.01	<0.2	<0.005
4652	Soil	221	32.9	2.5	<0.01	0.01	0.23	0.3	<0.2	0.3	5.4	<0.01	<0.01	1.7	0.005
4653	Soil	850	53.3	6.1	<0.01	0.04	0.65	1.7	<0.2	0.3	37.4	<0.01	0.04	5.2	0.008
4654	Soil	475	23.6	3.8	<0.01	0.01	0.62	0.5	<0.2	0.4	4.5	<0.01	0.05	2.2	0.006
4655	Soil	713	45.8	6.5	<0.01	0.04	1.10	1.9	<0.2	<0.2	35.9	<0.01	0.06	7.8	<0.005
4656	Soil	312	74.7	4.1	<0.01	0.02	0.87	1.5	<0.2	<0.2	9.9	<0.01	0.05	9.3	<0.005
4657	Soil	344	29.1	5.1	<0.01	<0.01	0.71	1.0	<0.2	0.3	5.2	0.01	0.04	7.3	<0.005
4658	Soil	415	21.6	4.1	<0.01	0.01	0.79	1.4	<0.2	0.4	3.6	<0.01	0.02	9.9	<0.005
4659	Soil	365	35.9	5.7	<0.01	0.01	0.97	1.5	<0.2	0.3	4.1	<0.01	0.04	11.2	<0.005
4660	Soil	388	28.5	4.2	<0.01	0.01	0.86	1.1	<0.2	0.4	3.8	<0.01	0.07	9.5	<0.005
4661	Soil	308	37.4	3.7	<0.01	<0.01	0.82	1.4	<0.2	<0.2	3.5	<0.01	0.03	10.5	<0.005
4662	Soil	385	41.8	3.7	<0.01	0.01	1.04	1.4	<0.2	<0.2	4.1	<0.01	0.05	9.5	<0.005
4663	Soil	335	37.9	3.8	<0.01	<0.01	0.89	1.5	<0.2	<0.2	3.6	<0.01	0.06	9.5	<0.005
4664	Soil	631	30.3	4.4	<0.01	0.01	0.79	1.0	<0.2	0.3	4.9	<0.01	0.05	7.1	<0.005
4665	Soil	430	22.1	5.1	<0.01	0.01	0.61	1.0	<0.2	0.5	3.7	0.01	0.04	5.9	0.009
4666	Soil	525	23.9	4.1	<0.01	0.01	0.72	1.0	<0.2	0.3	2.8	<0.01	0.04	8.5	<0.005
4667	Soil	268	31.5	4.8	<0.01	<0.01	0.80	1.6	<0.2	<0.2	3.5	<0.01	0.05	12.9	<0.005
4668	Soil	330	40.6	5.0	<0.01	0.01	1.00	1.8	<0.2	<0.2	4.1	<0.01	0.07	12.4	<0.005
4669	Soil	499	48.7	2.9	<0.01	<0.01	0.98	1.2	<0.2	<0.2	4.3	<0.01	0.04	9.1	<0.005
2219	Soil	545	39.7	4.2	<0.01	0.01	1.27	2.1	<0.2	0.3	8.8	<0.01	0.03	9.1	<0.005
2220	Soil	580	40.3	4.1	<0.01	<0.01	1.29	2.2	<0.2	0.3	9.6	<0.01	0.05	8.8	<0.005
2221	Soil	746	28.0	5.1	<0.01	0.05	0.59	2.0	0.4	0.2	27.8	<0.01	0.02	6.0	<0.005
2222	Soil	757	29.6	4.7	<0.01	0.04	0.63	1.9	<0.2	0.2	28.3	<0.01	0.03	5.9	<0.005
2223	Soil	729	26.0	4.8	<0.01	0.06	0.56	1.9	0.2	0.2	29.0	<0.01	0.03	5.3	<0.005
2179	Soil	347	35.2	4.2	<0.01	0.01	1.68	3.8	<0.2	0.2	39.4	<0.01	<0.01	8.3	<0.005
2180	Soil	211	17.7	3.7	<0.01	<0.01	1.37	1.0	<0.2	0.3	18.7	<0.01	<0.01	6.9	<0.005
2181	Soil	209	14.4	3.6	<0.01	<0.01	1.08	0.8	<0.2	0.3	11.7	<0.01	<0.01	5.4	<0.005
2182	Soil	518	22.8	4.5	<0.01	0.01	1.42	0.6	<0.2	0.2	7.8	<0.01	<0.01	1.9	<0.005
2183	Soil	238	15.0	4.0	<0.01	<0.01	0.46	0.9	<0.2	0.4	7.3	<0.01	<0.01	6.5	<0.005
2184	Soil	306	21.1	6.9	<0.01	<0.01	0.57	2.6	<0.2	0.2	61.7	<0.01	<0.01	8.3	<0.005

NS = No Sample

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
2185	Soil	254	17.8	5.8	<0.01	<0.01	0.49	2.2	<0.2	<0.2	49.5	<0.01	<0.01	6.5	<0.005
2186	Soil	564	10.8	2.3	<0.01	0.08	0.39	1.3	0.7	<0.2	86.0	<0.01	<0.01	2.5	0.007
2187	Soil	494	19.1	3.8	<0.01	0.01	0.59	2.8	<0.2	<0.2	63.8	<0.01	<0.01	6.4	<0.005
2188	Soil	200	21.2	4.3	<0.01	<0.01	0.54	3.3	<0.2	<0.2	15.3	<0.01	<0.01	11.7	<0.005
2189	Soil	206	21.8	5.2	<0.01	<0.01	0.58	3.5	<0.2	0.2	15.7	<0.01	<0.01	13.2	<0.005
2190	Soil	171	22.4	6.3	<0.01	<0.01	0.45	2.6	<0.2	0.2	11.1	<0.01	<0.01	11.8	<0.005
2191	Soil	195	16.0	3.2	<0.01	<0.01	0.35	0.9	<0.2	0.4	6.0	<0.01	0.03	6.4	<0.005
2192	Soil	423	25.4	5.1	<0.01	<0.01	0.44	3.2	<0.2	<0.2	16.2	<0.01	0.02	11.3	<0.005
2193	Soil	524	20.1	4.7	<0.01	<0.01	0.40	2.5	<0.2	<0.2	18.0	<0.01	<0.01	9.6	<0.005
2194	Soil	224	22.1	3.8	<0.01	<0.01	0.31	4.3	<0.2	<0.2	28.8	<0.01	<0.01	8.5	<0.005
2195	Soil	337	32.4	3.1	<0.01	0.01	0.78	1.1	<0.2	0.2	4.8	<0.01	0.05	5.8	<0.005
2196	Soil	518	24.0	3.1	<0.01	0.01	0.60	0.6	<0.2	0.5	3.7	<0.01	0.02	1.8	<0.005
2197	Soil	854	20.7	4.6	<0.01	0.02	0.81	0.7	<0.2	0.3	4.0	<0.01	0.12	2.4	<0.005
2198	Soil	1069	38.7	4.5	<0.01	0.02	0.64	1.1	<0.2	0.3	4.2	<0.01	0.14	5.4	<0.005
2199	Soil	934	19.1	3.2	<0.01	0.03	0.43	0.2	<0.2	0.2	4.1	<0.01	0.02	0.6	<0.005
2200	Soil	518	6.8	2.7	<0.01	0.03	0.17	<0.1	<0.2	0.2	5.8	<0.01	<0.01	<0.2	<0.005
2201	Soil	664	46.3	5.9	<0.01	0.02	1.82	1.0	<0.2	0.3	6.0	<0.01	0.09	4.6	<0.005
2202	Soil	515	38.1	4.6	<0.01	0.01	1.35	0.8	<0.2	0.3	5.0	<0.01	0.05	3.6	<0.005
2203	Soil	744	35.4	5.7	<0.01	0.01	2.10	1.0	<0.2	0.3	8.4	<0.01	0.07	2.6	<0.005
2204	Soil	874	32.6	3.6	<0.01	0.02	1.80	0.4	<0.2	0.3	8.4	<0.01	0.05	1.1	<0.005
2205	Soil	792	60.9	2.9	<0.01	0.02	1.17	0.6	<0.2	<0.2	5.0	<0.01	0.05	2.1	<0.005
2206	Soil	587	21.3	3.1	<0.01	0.02	0.36	<0.1	<0.2	0.3	3.9	<0.01	<0.01	<0.2	<0.005
2207	Soil	691	51.4	5.6	<0.01	0.02	1.48	0.8	<0.2	0.3	6.1	<0.01	0.02	3.4	0.006
2208	Soil	483	62.9	3.9	<0.01	0.02	1.37	1.1	<0.2	0.2	5.5	<0.01	0.04	6.3	<0.005
2209	Soil	960	37.2	5.7	<0.01	0.03	1.68	0.3	<0.2	0.4	9.7	<0.01	0.04	1.1	0.006
2210	Soil	947	28.3	5.8	<0.01	0.03	0.68	<0.1	<0.2	0.3	5.7	<0.01	0.01	0.2	<0.005
2211	Soil	727	122.1	6.6	<0.01	0.03	1.20	0.2	<0.2	0.4	7.7	<0.01	0.02	0.8	0.007
2212	Soil	517	30.6	5.4	<0.01	0.01	0.97	0.7	<0.2	0.3	4.1	<0.01	<0.01	4.4	0.005
2213	Soil	290	31.0	4.2	<0.01	<0.01	1.18	0.7	<0.2	0.3	4.4	<0.01	0.03	3.4	0.006
2214	Soil	438	36.1	6.4	<0.01	0.01	0.86	1.2	<0.2	0.3	6.6	<0.01	0.02	6.8	0.008
2215	Soil	445	48.4	6.8	<0.01	0.01	1.43	1.7	<0.2	0.4	4.1	<0.01	0.06	11.1	0.006
2216	Soil	637	61.0	5.5	<0.01	0.02	1.68	1.3	<0.2	0.3	6.4	<0.01	0.08	9.2	0.007
2217	Soil	417	19.2	2.0	<0.01	0.01	0.80	<0.1	<0.2	0.3	3.6	<0.01	<0.01	0.4	<0.005
2218	Soil	648	63.0	7.8	<0.01	0.02	1.01	0.3	<0.2	0.3	6.4	<0.01	0.04	1.0	<0.005

NS = No Sample

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4601	Soil	<0.05	1.02	44	0.10	4.03	114	1.3
4602	Soil	<0.05	1.18	32	0.09	1.77	107	3.2
4603	Soil	<0.05	1.15	33	0.10	1.89	89	1.3
4604	Soil	0.05	0.91	38	0.16	1.82	85	1.1
4605	Soil	<0.05	1.07	34	0.07	1.54	70	0.5
4606	Soil	<0.05	1.10	43	0.10	2.08	113	2.1
4607	Soil	<0.05	1.27	50	0.11	2.86	121	1.1
4608	Soil	<0.05	1.05	39	0.08	1.20	96	3.2
4609	Soil	<0.05	0.93	31	0.10	1.53	81	1.9
4610	Soil	0.06	0.89	38	0.26	2.24	87	<0.5
4611	Soil	<0.05	0.81	35	0.13	1.48	84	1.1
4612	Soil	<0.05	0.98	39	0.11	1.77	86	2.0
4613	Soil	<0.05	0.93	39	0.15	1.88	91	1.2
4614	Soil	<0.05	0.81	28	0.10	1.20	50	<0.5
4615	Soil	<0.05	0.99	40	0.15	1.90	76	<0.5
4616	Soil	<0.05	0.88	22	0.09	1.68	63	<0.5
4617	Soil	<0.05	0.99	43	0.13	2.32	116	1.7
4618	Soil	<0.05	0.83	37	0.14	1.95	96	1.4
4619	Soil	<0.05	0.88	43	0.13	1.89	96	0.9
4620	Soil	<0.05	0.88	44	0.09	2.07	109	2.2
4621	Soil	<0.05	1.17	44	0.10	3.42	118	2.2
4622	Soil	<0.05	0.82	44	0.13	2.40	95	1.3
4623	Soil	<0.05	0.92	42	0.14	1.91	114	2.3
4624	Soil	<0.05	0.88	41	0.12	2.08	115	1.9
4625	Soil	<0.05	1.04	45	0.18	2.84	121	1.3
4626	Soil	<0.05	0.90	45	0.12	2.08	123	1.6
4627	Soil	<0.05	0.75	36	0.15	1.89	87	0.7
4628	Soil	<0.05	0.77	41	0.12	1.70	101	1.3
4629	Soil	<0.05	1.22	43	0.09	2.82	130	1.4
4630	Soil	<0.05	0.75	25	0.09	1.43	58	<0.5
4631	Soil	<0.05	0.82	41	0.13	2.02	105	1.6
4632	Soil	<0.05	0.82	41	0.17	2.45	93	0.9
4633	Soil	<0.05	0.82	41	0.13	1.90	94	1.5
4634	Soil	<0.05	0.96	45	0.09	2.09	118	2.4
4635	Soil	<0.05	0.96	35	0.14	1.82	86	0.9
4636	Soil	<0.05	0.71	26	0.07	1.43	66	<0.5
4637	Soil	<0.05	0.81	29	0.08	1.69	115	1.4
4638	Soil	<0.05	1.02	42	0.15	2.13	119	2.1
4639	Soil	<0.05	1.86	29	0.16	2.96	206	0.5
4640	Soil	<0.05	0.62	30	0.22	1.42	79	1.0

NS = No Sample

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Canada

Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5065	Soil	<0.05	0.63	34	0.13	2.23	83	<0.5
5066	Soil	<0.05	0.67	29	0.12	2.27	87	1.2
5067	Soil	<0.05	0.73	30	0.12	2.26	92	1.5
5068	Soil	<0.05	0.76	36	0.15	1.81	90	1.0
5069	Soil	<0.05	0.67	43	0.12	2.41	96	1.0
5070	Soil	<0.05	0.89	41	0.14	2.09	106	1.9
5071	Soil	<0.05	0.79	41	0.18	1.84	99	0.9
5072	Soil	<0.05	1.02	37	0.24	2.15	123	1.2
5073	Soil	<0.05	0.83	31	0.20	1.72	84	<0.5
5074	Soil	0.05	0.98	32	0.38	3.09	95	0.8
5075	Soil	<0.05	0.76	33	0.30	2.30	88	1.4
5076	Soil	<0.05	0.90	34	0.49	2.21	102	2.7
5077	Soil	<0.05	1.18	44	0.31	4.04	121	1.7
5078	Soil	<0.05	2.37	46	0.08	2.89	164	1.3
5079	Soil	<0.05	1.34	46	0.09	2.52	130	2.7
5080	Soil	<0.05	0.92	44	0.12	1.99	104	2.3
5081	Soil	<0.05	0.51	27	0.11	1.28	51	<0.5
5082	Soil	<0.05	0.60	37	0.11	1.44	83	0.9
5083	Soil	<0.05	0.72	42	0.05	1.20	105	3.2
5084	Soil	<0.05	0.73	50	0.08	1.92	120	3.0
5085	Soil	<0.05	0.93	45	0.06	2.29	130	1.7
5086	Soil	<0.05	0.84	51	0.11	1.95	112	3.0
5087	Soil	<0.05	0.53	50	0.05	1.63	111	2.7
5088	Soil	<0.05	0.98	48	0.08	2.49	117	2.5
5089	Soil	<0.05	1.12	51	0.08	1.57	110	2.1
5090	Soil	<0.05	0.61	15	0.07	0.94	25	<0.5
5091	Soil	<0.05	0.46	33	<0.05	1.64	79	2.9
5092	Soil	<0.05	0.97	47	0.25	1.29	108	2.7
5093	Soil	<0.05	1.30	51	<0.05	2.06	143	2.8
5094	Soil	<0.05	1.21	47	0.05	2.36	136	2.4
5095	Soil	<0.05	0.98	45	0.05	2.25	110	1.2
5096	Soil	<0.05	1.62	52	0.06	2.61	132	1.8
5097	Soil	<0.05	0.95	35	0.07	2.65	90	1.1
5098	Soil	<0.05	1.10	48	<0.05	1.96	122	2.3
5099	Soil	<0.05	1.37	41	<0.05	1.92	98	1.9
5100	Soil	<0.05	1.61	54	0.06	2.38	156	2.0
5101	Soil	<0.05	1.24	48	0.05	2.12	130	2.3
5102	Soil	<0.05	1.38	49	0.07	3.16	125	2.5
5103	Soil	<0.05	1.04	45	<0.05	1.77	113	2.7
5104	Soil	<0.05	1.23	49	0.05	2.58	121	1.3

NS = No Sample

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8549	Soil	<0.05	1.52	18	0.17	4.71	77	3.3
8550	Soil	<0.05	2.71	15	0.13	4.77	52	1.8
8551	Soil	<0.05	0.65	18	0.11	6.00	69	1.5
8552	Soil	<0.05	0.33	17	0.21	1.11	62	0.7
8553	Soil	<0.05	0.66	16	0.11	7.88	68	2.0
8554	Soil	<0.05	0.79	14	0.13	7.77	52	2.6
8555	Soil	0.05	0.86	21	0.18	4.84	50	1.1
8556	Soil	<0.05	0.48	22	0.08	2.12	60	0.7
8557	Soil	0.06	0.56	23	0.11	3.06	66	0.9
8558	Soil	0.05	0.31	19	0.11	1.54	30	<0.5
8559	Soil	<0.05	0.23	16	0.13	1.09	24	<0.5
8560	Soil	<0.05	0.39	18	0.16	1.65	52	1.5
8561	Soil	<0.05	0.60	15	0.06	1.78	40	1.8
8562	Soil	<0.05	0.73	15	0.09	6.19	65	3.4
8563	Soil	<0.05	1.58	15	0.07	5.88	54	1.4
8564	Soil	<0.05	1.06	22	0.11	7.14	77	2.5
8565	Soil	<0.05	6.35	12	0.27	3.22	32	1.4
8566	Soil	<0.05	0.71	16	0.08	3.51	41	2.4
8567	Soil	<0.05	0.62	22	0.10	7.22	74	4.2
8568	Soil	<0.05	0.65	21	0.10	6.96	73	3.4
8569	Soil	<0.05	0.81	19	0.10	7.70	73	3.9
8570	Soil	<0.05	0.63	19	0.08	1.70	43	1.3
8571	Soil	<0.05	0.40	21	0.11	2.53	50	2.1
8572	Soil	<0.05	0.47	21	0.07	3.80	92	2.2
8573	Soil	<0.05	0.41	21	0.08	2.25	50	2.0
8574	Soil	<0.05	0.36	21	0.10	2.06	46	1.1
8575	Soil	<0.05	2.07	10	<0.05	6.07	14	1.9
8576	Soil	<0.05	1.31	24	0.07	10.34	73	4.1
8577	Soil	<0.05	1.35	23	0.05	10.34	66	2.2
8578	Soil	<0.05	3.51	19	0.08	10.91	79	3.2
8579	Soil	<0.05	0.73	25	0.09	7.23	65	1.9
8580	Soil	<0.05	1.46	20	0.14	5.22	58	2.0
8581	Soil	<0.05	0.39	17	0.15	1.89	33	0.8
8582	Soil	<0.05	1.11	26	0.09	5.48	67	2.3
8583	Soil	<0.05	0.31	13	0.10	0.78	15	<0.5
8584	Soil	<0.05	0.39	31	0.17	1.70	46	0.7
8585	Soil	<0.05	0.33	18	0.10	1.94	31	1.0
8586	Soil	0.07	0.78	27	0.15	3.30	64	1.9
8587	Soil	<0.05	0.41	26	0.15	1.78	34	<0.5
8588	Soil	<0.05	1.63	24	0.09	7.61	61	3.3

NS = No Sample

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4641	Soil	<0.05	0.91	38	0.25	1.63	114	1.5
4642	Soil	<0.05	0.99	29	0.07	1.52	67	2.0
4643	Soil	<0.05	5.43	32	0.10	7.25	156	8.6
4644	Soil	<0.05	0.48	17	<0.05	0.80	43	<0.5
4645	Soil	<0.05	1.99	34	0.07	3.00	139	5.7
4646	No Sample	NS	NS	NS	NS	NS	NS	NS
4647	Soil	<0.05	1.34	33	0.15	3.25	125	3.6
4648	Soil	<0.05	1.00	40	0.71	1.99	126	2.5
4649	Soil	<0.05	1.43	40	0.39	2.50	146	2.2
4650	Soil	<0.05	0.54	27	0.47	1.30	57	<0.5
4651	Soil	<0.05	0.57	14	0.13	1.02	16	<0.5
4652	Soil	<0.05	0.38	18	0.38	0.84	22	<0.5
4653	Soil	<0.05	3.20	28	0.24	7.68	105	3.0
4654	Soil	<0.05	0.52	28	0.31	1.46	69	<0.5
4655	Soil	0.05	2.29	24	0.67	4.46	95	5.2
4656	Soil	<0.05	0.96	27	1.64	2.17	103	1.6
4657	Soil	<0.05	0.55	25	0.41	1.41	64	0.8
4658	Soil	<0.05	0.58	28	0.57	1.21	76	1.3
4659	Soil	<0.05	0.86	27	0.45	1.81	89	1.3
4660	Soil	<0.05	0.66	27	0.49	1.53	72	1.1
4661	Soil	<0.05	0.85	23	0.44	1.66	95	0.8
4662	Soil	<0.05	0.94	25	1.15	1.81	106	1.2
4663	Soil	<0.05	0.66	32	0.41	1.35	95	1.6
4664	Soil	<0.05	0.62	25	0.86	1.19	72	0.6
4665	Soil	<0.05	0.58	29	0.67	1.35	58	0.5
4666	Soil	<0.05	0.64	26	0.80	1.25	65	1.3
4667	Soil	<0.05	0.83	26	0.44	1.56	92	1.3
4668	Soil	<0.05	0.92	28	0.96	1.87	99	1.6
4669	Soil	<0.05	0.87	25	0.96	1.57	104	0.8
2219	Soil	<0.05	0.74	37	0.47	3.08	104	1.5
2220	Soil	<0.05	0.75	36	0.42	3.29	103	1.5
2221	Soil	<0.05	5.60	30	0.19	4.56	101	4.0
2222	Soil	<0.05	6.04	32	0.17	5.00	93	4.0
2223	Soil	<0.05	6.18	29	0.14	4.59	91	4.0
2179	Soil	<0.05	1.46	16	0.10	5.52	73	1.8
2180	Soil	<0.05	0.35	20	0.13	1.42	47	0.8
2181	Soil	<0.05	0.33	19	0.12	1.61	43	<0.5
2182	Soil	<0.05	0.34	16	0.09	1.46	25	0.8
2183	Soil	<0.05	0.32	24	0.15	1.52	41	0.7
2184	Soil	<0.05	0.85	22	0.18	4.75	82	3.1

NS = No Sample

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
2185	Soil	<0.05	0.89	19	0.11	4.40	64	2.9
2186	Soil	<0.05	2.23	11	0.06	5.63	28	5.6
2187	Soil	<0.05	0.90	19	0.10	7.17	62	2.7
2188	Soil	<0.05	0.64	22	0.07	7.73	64	1.4
2189	Soil	<0.05	0.61	23	0.09	7.98	66	1.4
2190	Soil	<0.05	0.52	23	0.07	4.16	60	2.7
2191	Soil	<0.05	0.32	29	0.16	1.45	37	1.2
2192	Soil	<0.05	0.71	24	0.10	7.48	77	2.2
2193	Soil	<0.05	0.61	23	0.08	6.48	72	2.0
2194	Soil	<0.05	0.70	24	0.08	9.17	75	2.1
2195	Soil	<0.05	0.67	25	0.30	1.44	80	1.5
2196	Soil	<0.05	0.65	29	0.36	1.41	62	<0.5
2197	Soil	<0.05	0.96	26	0.31	1.57	84	<0.5
2198	Soil	<0.05	0.99	34	0.27	1.43	101	0.9
2199	Soil	<0.05	0.72	23	0.36	1.05	53	<0.5
2200	Soil	<0.05	0.29	11	0.20	0.60	24	<0.5
2201	Soil	<0.05	0.91	18	1.93	1.62	103	0.7
2202	Soil	<0.05	0.68	17	3.03	1.53	86	<0.5
2203	Soil	<0.05	0.73	14	0.73	1.39	95	<0.5
2204	Soil	<0.05	0.84	13	0.90	1.41	85	<0.5
2205	Soil	<0.05	0.88	20	1.03	1.42	128	<0.5
2206	Soil	<0.05	0.44	14	0.20	0.71	35	<0.5
2207	Soil	<0.05	0.92	26	1.25	1.71	106	<0.5
2208	Soil	<0.05	0.90	20	1.00	1.64	116	0.8
2209	Soil	0.06	1.19	22	0.91	1.70	80	<0.5
2210	Soil	<0.05	0.62	17	0.40	0.82	57	<0.5
2211	Soil	<0.05	0.78	23	0.53	1.29	80	<0.5
2212	Soil	<0.05	0.62	23	0.51	1.21	71	<0.5
2213	Soil	<0.05	0.48	18	0.43	1.08	55	<0.5
2214	Soil	<0.05	0.72	26	0.62	1.55	81	0.9
2215	Soil	0.06	0.84	32	0.87	1.85	95	1.2
2216	Soil	<0.05	1.30	29	0.89	2.31	116	0.5
2217	Soil	<0.05	0.51	17	0.32	1.02	34	<0.5
2218	Soil	<0.05	0.74	27	0.41	1.79	64	<0.5

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4601	Soil		0.21	2.20	260.4	32	0.51	0.41	0.08	0.08	35.39	19.9	32	1.24	51.4
4601 Dup			0.12	2.23	259.5	32	0.60	0.38	0.08	0.08	39.63	20.1	33	1.24	49.6
QCV1109-03109-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.75					8.65				23.0			>10000
4619	Soil		0.06	2.11	47.1	23	0.24	0.43	0.01	0.08	30.96	14.6	34	1.05	33.3
4619 Dup			0.05	2.18	48.6	24	0.24	0.41	0.02	0.06	35.90	15.5	34	1.16	32.6
QCV1109-03109-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.45					9.00				22.2			>10000
4637	Soil		0.15	1.50	102.8	33	0.36	0.38	0.02	0.17	34.89	14.1	23	3.57	42.6
4637 Dup			0.14	1.48	97.6	33	0.28	0.40	0.02	0.19	32.05	14.6	23	3.60	42.2
QCV1109-03109-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6218.8
5079	Soil		0.07	2.60	26.9	24	0.40	0.41	0.05	0.09	33.61	31.5	37	3.04	53.9
5079 Dup			0.07	2.62	27.0	25	0.47	0.43	0.05	0.11	34.97	33.2	37	3.22	54.0
QCV1109-03109-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.40					8.55				22.4			>10000
5097	Soil		0.08	1.86	11.8	23	0.35	0.29	0.05	0.08	42.76	19.6	26	2.54	37.0
5097 Dup			0.07	1.81	12.2	23	0.34	0.29	0.05	0.07	42.82	18.9	26	2.52	36.0
QCV1109-03109-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6300.1
8559	Soil		0.03	0.32	6.4	15	0.06	0.15	0.02	0.07	45.83	3.2	5	0.30	4.2
8559 Dup			0.03	0.32	8.8	15	0.07	0.16	0.02	0.09	41.61	3.1	5	0.30	4.0
QCV1109-03109-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6249.7
8577	Soil		0.14	1.49	1.4	52	0.46	0.32	1.27	0.09	34.34	10.9	17	0.41	21.6
8577 Dup			0.14	1.48	1.2	51	0.54	0.33	1.28	0.09	34.53	9.4	17	0.40	20.9
QCV1109-03109-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.56					8.86				23.3			>10000
4648	Soil		0.16	2.38	325.4	34	0.54	0.46	0.03	0.24	36.02	15.3	34	4.63	49.7
4648 Dup			0.15	2.27	331.2	34	0.44	0.49	0.04	0.22	30.37	14.8	37	4.21	47.1
QCV1109-03109-0023-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43					8.99				22.8			>10000

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4666	Soil		0.14	1.39	120.5	33	0.25	0.49	<0.01	0.09	23.41	8.0	18	0.67	19.2
4666 Dup			0.15	1.36	121.1	33	0.27	0.43	<0.01	0.10	24.40	8.0	18	0.69	18.8
QCV1109-03109-0026-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6033.6
2188	Soil		0.05	1.42	10.9	59	0.56	0.30	0.12	0.03	42.10	11.7	18	0.50	24.0
2188 Dup			0.04	1.57	10.4	64	0.60	0.34	0.12	0.03	55.78	12.4	19	0.57	26.0
QCV1109-03109-0029-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			2.83					8.77				22.7			>10000
QCV1109-03109-0031-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6330.8
QCV1109-03109-0034-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.48		7151.8							9.7			28.0
4601	Soil	0.031													
4601 Dup		0.032													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.851													
4619	Soil	0.007													
4619 Dup		0.012													
QCV1109-03110-0004-BLK		<0.005													
4637	Soil	0.046													
4637 Dup		0.031													
5079	Soil	0.011													
5079 Dup		0.010													
QCV1109-03110-0008-BLK		<0.005													
5097	Soil	0.007													
5097 Dup		0.010													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.391													
8559	Soil	0.009													
8559 Dup		0.009													
QCV1109-03110-0012-BLK		<0.005													
8577	Soil	0.009													
8577 Dup		0.022													
4648	Soil	0.016													
4648 Dup		0.012													
QCV1109-03110-0016-BLK		0.005													

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4666	Soil	0.036													
4666 Dup		0.035													
2188	Soil	0.006													
2188 Dup		0.009													
QCV1109-03110-0020-BLK		<0.005													
2206	Soil	0.006													
2206 Dup		0.007													
QCV1109-03110-0022-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.897													

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4601	Soil	4.25	6.28	0.05	0.31	0.02	0.02	18.6	53.4	0.99	870	0.79	<0.01	0.34	49.0
4601 Dup		4.39	6.00	<0.05	0.20	0.02	0.02	20.3	56.9	1.01	883	0.78	<0.01	0.24	47.0
QCV1109-03109-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4619	Soil	4.15	7.22	<0.05	0.08	0.02	0.02	15.7	46.9	0.80	703	0.98	<0.01	0.51	35.1
4619 Dup		4.19	7.47	<0.05	0.07	0.02	0.02	17.7	50.3	0.82	715	0.99	<0.01	0.52	35.8
QCV1109-03109-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4637	Soil	4.03	5.12	<0.05	0.27	0.02	0.02	17.7	34.4	0.55	418	0.98	<0.01	0.19	36.8
4637 Dup		4.01	5.17	<0.05	0.22	0.03	0.02	17.1	36.6	0.54	413	0.93	<0.01	0.19	36.1
QCV1109-03109-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5079	Soil	4.47	7.73	<0.05	0.21	0.02	0.02	16.8	71.1	1.06	902	0.84	<0.01	0.20	50.2
5079 Dup		4.53	8.41	0.06	0.19	0.03	0.02	17.3	76.6	1.05	920	0.87	<0.01	0.20	55.3
QCV1109-03109-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
5097	Soil	3.38	5.49	0.07	0.23	0.02	0.03	21.4	49.3	0.74	1376	0.91	0.01	0.20	33.6
5097 Dup		3.26	5.45	0.05	0.23	0.02	0.03	21.9	47.4	0.72	1363	0.88	0.01	0.20	33.4
QCV1109-03109-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8559	Soil	1.22	2.74	<0.05	0.03	<0.01	0.01	22.4	0.5	0.02	53	0.65	<0.01	0.53	7.5
8559 Dup		1.20	2.58	<0.05	0.03	<0.01	0.01	20.4	0.4	0.02	53	0.61	<0.01	0.50	7.4
QCV1109-03109-0017-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8577	Soil	2.70	4.26	<0.05	0.18	0.03	0.02	17.2	58.0	0.51	465	0.46	0.01	0.26	28.0
8577 Dup		2.74	3.99	<0.05	0.17	0.03	0.02	17.4	54.3	0.50	465	0.51	0.01	0.26	24.6
QCV1109-03109-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4648	Soil	4.25	7.12	<0.05	0.16	0.03	0.03	18.1	63.8	0.86	590	0.87	<0.01	0.24	42.2
4648 Dup		4.62	6.83	<0.05	0.17	0.03	0.03	15.2	60.0	0.84	621	0.80	<0.01	0.23	39.2
QCV1109-03109-0023-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
4666	Soil	3.50	4.87	<0.05	0.13	0.02	0.02	13.2	23.9	0.32	212	0.78	<0.01	0.50	19.9
4666 Dup		3.45	4.91	0.06	0.11	0.02	0.02	13.0	24.8	0.31	206	0.75	<0.01	0.49	19.5
QCV1109-03109-0026-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
2188	Soil	3.18	3.51	<0.05	0.08	0.02	0.04	20.9	37.7	0.42	394	0.49	<0.01	0.23	27.8
2188 Dup		3.20	4.05	<0.05	0.08	0.02	0.05	27.9	39.8	0.46	404	0.49	<0.01	0.23	29.4
QCV1109-03109-0029-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-03109-0031-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1109-03109-0034-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76					48.7
STD-DS-1 result										2.53					47.0

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4601	Soil	611	36.7	2.3	<0.01	<0.01	1.52	3.1	<0.2	0.2	8.6	<0.01	0.06	7.7	0.005
4601 Dup		613	39.5	2.2	<0.01	<0.01	1.45	2.8	<0.2	<0.2	8.4	<0.01	0.06	7.2	0.005
QCV1109-03109-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.7				1.77		13.4	16.2					
4619	Soil	639	20.9	3.7	<0.01	0.02	0.92	1.2	<0.2	0.3	3.8	<0.01	0.04	2.1	0.008
4619 Dup		673	22.4	3.8	<0.01	0.02	0.95	1.2	<0.2	0.4	4.2	<0.01	0.06	2.1	0.008
QCV1109-03109-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.73		13.1	15.7					
4637	Soil	1010	40.6	4.3	<0.01	0.03	2.26	1.1	<0.2	<0.2	16.2	<0.01	0.05	3.6	<0.005
4637 Dup		976	41.1	4.3	<0.01	0.03	2.28	1.1	<0.2	0.2	15.8	<0.01	0.02	3.7	<0.005
QCV1109-03109-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
5079	Soil	696	52.3	2.3	<0.01	0.02	1.60	2.6	<0.2	<0.2	6.5	<0.01	0.05	8.2	<0.005
5079 Dup		701	58.4	2.4	<0.01	0.02	1.76	2.7	<0.2	0.2	6.5	<0.01	0.06	7.9	<0.005
QCV1109-03109-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.9				1.76		13.2	16.1					
5097	Soil	710	43.6	2.8	<0.01	0.02	1.07	2.2	<0.2	<0.2	6.1	<0.01	0.04	5.3	<0.005
5097 Dup		704	43.5	2.9	<0.01	0.02	1.04	2.2	<0.2	<0.2	5.9	<0.01	0.02	5.0	<0.005
QCV1109-03109-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
8559	Soil	228	6.7	2.4	<0.01	<0.01	0.52	0.3	<0.2	0.3	2.9	<0.01	<0.01	3.7	0.008
8559 Dup		220	6.3	2.3	<0.01	<0.01	0.55	0.3	<0.2	0.3	2.8	<0.01	<0.01	3.6	0.008
QCV1109-03109-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
8577	Soil	938	19.8	2.6	<0.01	0.02	0.23	3.1	<0.2	<0.2	85.1	<0.01	<0.01	4.5	<0.005
8577 Dup		938	19.6	2.7	<0.01	0.02	0.22	3.1	<0.2	<0.2	85.1	<0.01	<0.01	4.8	<0.005
QCV1109-03109-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.1				1.80		13.3	16.3					
4648	Soil	762	39.2	4.4	<0.01	0.02	1.26	1.9	<0.2	0.2	9.2	<0.01	0.05	6.2	<0.005
4648 Dup		782	38.4	3.8	<0.01	0.02	1.21	1.8	<0.2	<0.2	8.8	<0.01	0.04	6.4	<0.005
QCV1109-03109-0023-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			31.6				1.74		13.8	17.6					

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4666	Soil	525	23.9	4.1	<0.01	0.01	0.72	1.0	<0.2	0.3	2.8	<0.01	0.04	8.5	<0.005
4666 Dup		519	25.9	3.9	<0.01	0.01	0.74	1.0	<0.2	0.3	2.7	<0.01	0.03	7.3	<0.005
QCV1109-03109-0026-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
2188	Soil	200	21.2	4.3	<0.01	<0.01	0.54	3.3	<0.2	<0.2	15.3	<0.01	<0.01	11.7	<0.005
2188 Dup		218	22.5	5.2	<0.01	<0.01	0.56	3.4	<0.2	0.2	16.4	<0.01	<0.01	14.7	<0.005
QCV1109-03109-0029-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result			30.2				1.74		12.7	16.1					
QCV1109-03109-0031-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1109-03109-0034-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		349	13.0												

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Certificate of Analysis

11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4601	Soil	<0.05	1.02	44	0.10	4.03	114	1.3
4601 Dup		<0.05	1.05	46	0.10	4.09	115	1.2
QCV1109-03109-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							182	
4619	Soil	<0.05	0.88	43	0.13	1.89	96	0.9
4619 Dup		<0.05	0.90	44	0.14	2.04	100	0.8
QCV1109-03109-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							172	
4637	Soil	<0.05	0.81	29	0.08	1.69	115	1.4
4637 Dup		<0.05	0.83	28	0.07	1.71	114	1.5
QCV1109-03109-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5137	
5079	Soil	<0.05	1.34	46	0.09	2.52	130	2.7
5079 Dup		<0.05	1.26	46	0.08	2.70	132	2.8
QCV1109-03109-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							173	
5097	Soil	<0.05	0.95	35	0.07	2.65	90	1.1
5097 Dup		<0.05	0.92	34	0.06	2.68	88	1.4
QCV1109-03109-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4858	
8559	Soil	<0.05	0.23	16	0.13	1.09	24	<0.5
8559 Dup		<0.05	0.24	16	0.13	1.03	24	<0.5
QCV1109-03109-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4994	
8577	Soil	<0.05	1.35	23	0.05	10.34	66	2.2
8577 Dup		<0.05	1.42	23	0.05	9.95	65	2.1
QCV1109-03109-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							180	
4648	Soil	<0.05	1.00	40	0.71	1.99	126	2.5
4648 Dup		<0.05	1.04	42	0.74	1.92	128	2.5
QCV1109-03109-0023-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							178	

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11-360-07828-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4666	Soil	<0.05	0.64	26	0.80	1.25	65	1.3
4666 Dup		<0.05	0.58	25	0.68	1.20	63	1.3
QCV1109-03109-0026-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4964	
2188	Soil	<0.05	0.64	22	0.07	7.73	64	1.4
2188 Dup		0.05	0.75	23	0.08	8.04	67	1.2
QCV1109-03109-0029-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result							179	
QCV1109-03109-0031-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5226	
QCV1109-03109-0034-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							200	

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11-360-07873-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Soil 7**
Client Reference: **Soil 7**
Description: **3 ACE**

Date Received: 10/04/2011
Date Completed: 10/21/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	114	Soil	SP-SS-1K/Soils, Humus Sediments 1kg dried, sieved and riffle split

Location	Method	Description
Vancouver, BC	50-AR-UT	50 Element, Aqua Regia, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4670	Soil	0.044	0.37	0.82	121.8	34	0.18	0.48	<0.01	0.12	37.11	5.8	11	0.43	17.5
4671	Soil	0.029	0.23	1.09	75.6	39	0.20	0.41	<0.01	0.10	36.44	7.1	16	0.69	16.7
4672	Soil	0.065	0.17	0.74	144.9	29	0.14	0.56	<0.01	0.09	32.69	4.9	9	0.85	14.3
4673	Soil	0.021	0.11	1.67	139.4	35	0.28	0.48	<0.01	0.18	37.02	10.2	24	0.88	26.4
4674	Soil	0.035	0.14	1.60	175.6	32	0.41	0.57	<0.01	0.16	39.12	12.7	23	0.71	32.6
4675	Soil	0.075	0.19	1.16	196.2	29	0.28	0.50	<0.01	0.16	32.16	9.5	17	0.72	29.1
4676	Soil	0.014	0.09	0.40	100.7	17	0.11	0.31	0.01	0.16	36.49	4.2	6	0.51	14.4
4677	Soil	0.040	0.11	1.18	252.8	27	0.29	0.52	0.01	0.15	29.08	9.6	18	0.50	23.3
4678	Soil	0.046	0.20	1.11	266.2	23	0.18	0.71	<0.01	0.11	31.89	8.1	16	0.61	27.5
4679	Soil	0.073	0.15	1.58	193.6	27	0.26	0.55	<0.01	0.14	48.88	10.4	23	0.71	33.4
4681	Soil	0.034	0.13	1.68	357.3	32	0.30	1.25	0.13	0.16	30.97	14.2	25	0.72	36.3
4682	Soil	0.055	0.13	1.56	329.7	30	0.38	1.37	0.06	0.19	29.59	14.3	23	0.87	39.5
4683	Soil	0.058	0.12	1.61	267.9	31	0.40	0.99	0.10	0.16	32.87	14.6	23	0.87	38.8
4684	Soil	0.035	0.22	1.23	209.0	61	0.35	0.50	0.60	0.21	21.79	9.7	15	0.66	40.1
4685	Soil	0.045	0.20	1.41	408.9	56	0.35	0.57	0.46	0.32	22.74	10.9	31	0.77	31.8
4686	Soil	0.055	0.14	1.33	363.6	29	0.36	0.51	0.15	0.21	24.80	12.8	31	0.52	27.7
4687	Soil	0.095	0.18	1.62	300.0	44	0.38	0.53	0.25	0.28	28.11	12.4	23	0.88	37.6
4688	Soil	0.021	0.19	1.77	71.1	42	0.35	0.42	0.67	0.16	20.82	14.1	26	0.93	44.4
4691	Soil	0.027	0.12	1.70	78.4	27	0.19	0.43	0.01	0.13	40.09	9.1	26	1.08	27.6
4692	Soil	0.051	0.14	2.02	94.6	42	0.45	0.50	0.02	0.15	39.76	13.9	29	1.24	46.4
4693	Soil	0.051	0.12	1.87	80.1	39	0.40	0.49	0.19	0.17	30.63	14.9	27	1.19	36.1
4694	Soil	0.079	0.23	1.62	117.4	43	0.40	0.50	0.67	0.21	19.79	12.6	23	1.26	43.6
4695	Soil	0.017	0.31	1.86	79.8	40	0.38	0.46	0.15	0.12	30.95	14.3	27	1.06	35.8
4696	Soil	0.026	0.14	1.79	84.6	43	0.37	0.44	0.17	0.12	23.15	13.5	25	1.17	34.9
4697	Soil	0.034	0.14	1.77	84.4	43	0.40	0.47	0.18	0.13	21.14	15.2	26	0.98	36.6
4698	Soil	0.029	0.12	1.81	89.3	39	0.41	0.46	0.21	0.18	22.30	14.1	26	1.21	37.7
4699	Soil	0.035	0.10	1.96	83.3	46	0.38	0.48	0.08	0.11	35.14	14.8	28	1.00	35.1
4700	Soil	0.034	0.12	2.02	103.5	40	0.37	0.49	0.31	0.21	32.32	14.7	29	1.27	63.6
4701	Soil	0.032	0.19	1.76	127.3	42	0.41	0.50	0.49	0.22	21.02	13.3	26	1.20	41.6
4702	Soil	0.043	0.13	1.90	82.8	41	0.38	0.48	0.22	0.19	24.33	15.0	29	1.25	34.2
4703	Soil	0.038	0.21	1.55	126.2	44	0.41	0.46	0.70	0.22	17.48	13.3	34	1.34	33.1
5124	Soil	0.034	0.17	1.82	81.2	45	0.48	0.47	0.52	0.16	24.52	15.3	36	1.30	38.7
5125	Soil	0.028	0.13	2.12	74.6	53	0.37	0.44	0.44	0.12	26.34	14.1	28	1.23	44.2
5126	Soil	0.024	0.12	2.01	68.5	46	0.43	0.47	0.36	0.12	22.51	14.4	27	1.43	45.3
5127	Soil	0.017	0.16	1.87	104.3	46	0.46	0.60	0.25	0.24	24.99	17.8	27	3.14	43.6
5128	Soil	0.041	0.19	1.74	147.8	35	0.48	0.48	0.21	0.31	35.68	16.6	25	1.31	46.3
5129	Soil	0.598	0.12	1.72	450.6	31	0.41	0.68	0.05	0.16	25.55	13.9	26	0.92	35.5
5130	Soil	0.524	0.10	0.92	1198.8	34	0.15	0.71	0.01	0.21	27.82	5.4	11	0.59	17.6
5131	Soil	0.128	0.19	1.48	492.0	37	0.36	0.64	<0.01	0.28	31.96	8.4	19	0.84	23.1
5132	Soil	0.271	0.18	1.03	766.6	35	0.29	0.78	0.01	0.32	25.90	8.9	13	0.79	20.0

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11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
5133	Soil	0.174	0.18	1.04	787.0	35	0.32	0.94	<0.01	0.28	25.86	7.8	14	0.98	27.3
5134	Soil	0.111	0.19	0.98	4037.2	91	0.39	0.48	0.07	0.60	28.02	7.1	13	0.83	21.6
5135	Soil	0.306	0.26	1.49	619.5	34	0.42	0.56	<0.01	0.22	24.93	9.2	20	0.85	28.5
5136	Soil	0.075	0.21	1.42	469.5	36	0.32	0.49	<0.01	0.19	39.84	8.1	19	0.83	21.1
5137	Soil	0.200	0.82	1.54	1865.8	63	0.29	7.34	0.02	1.16	33.81	7.6	17	0.87	26.0
5138	Soil	0.114	0.10	1.53	349.3	40	0.32	0.83	<0.01	0.16	35.39	6.6	17	0.68	19.2
5139	Soil	0.026	0.12	2.11	100.3	34	0.45	0.49	0.34	0.19	34.87	17.9	30	2.52	46.3
5140	Soil	0.039	0.44	1.78	127.1	35	0.48	0.54	0.04	0.14	38.06	14.2	25	1.19	42.5
5141	Soil	0.026	0.33	1.35	84.8	28	0.23	0.48	0.01	0.09	31.96	7.7	20	1.24	23.9
5142	Soil	0.045	0.19	1.90	122.0	37	0.46	0.52	0.28	0.21	30.44	16.5	27	1.02	49.9
5143	Soil	0.042	0.16	1.77	94.2	43	0.47	0.47	0.40	0.19	23.04	14.5	24	1.33	37.4
5144	Soil	0.041	0.22	1.56	107.3	45	0.48	0.43	0.66	0.29	16.76	14.4	30	1.44	37.1
5145	Soil	0.129	0.37	1.74	332.2	50	0.58	0.60	0.76	0.31	21.77	14.0	23	2.43	54.5
5146	Soil	0.095	0.30	1.74	318.5	56	0.65	0.60	0.81	0.21	19.35	13.4	23	2.56	50.7
5147	Soil	0.034	0.22	1.84	133.3	41	0.47	0.54	0.39	0.22	30.76	14.6	25	1.17	47.5
5148	Soil	0.050	0.18	1.88	134.9	47	0.47	0.51	0.50	0.23	22.52	14.4	25	1.91	37.8
5149	Soil	0.035	0.18	1.62	55.2	45	0.22	0.23	0.32	0.09	26.31	5.8	22	0.62	39.7
5150	Soil	0.026	0.12	1.75	63.0	41	0.23	0.26	0.21	0.10	29.99	7.2	24	0.59	45.3
5151	Soil	0.062	0.14	1.80	96.8	54	0.26	0.28	0.31	0.10	23.25	6.8	24	1.00	49.4
5152	Soil	0.156	0.15	1.70	290.5	49	0.25	0.29	0.24	0.13	24.03	6.4	23	1.12	49.6
5153	Soil	0.176	0.15	1.92	315.0	50	0.29	0.34	0.17	0.16	30.82	9.0	27	1.17	52.9
5154	Soil	0.167	0.15	1.77	249.8	48	0.24	0.30	0.27	0.17	22.66	7.6	24	0.97	48.3
8651	Soil	0.010	0.05	0.43	18.5	29	0.08	0.08	0.01	0.21	20.54	1.3	5	0.39	7.9
8652	Soil	0.015	0.27	0.76	279.7	52	0.26	0.16	0.02	1.77	26.82	6.0	9	2.27	26.9
8653	Soil	0.010	0.09	0.49	8.9	25	0.11	0.09	<0.01	0.22	18.28	2.2	8	0.49	14.0
8654	Soil	0.060	0.13	0.43	110.6	32	0.08	0.15	<0.01	0.22	22.52	1.8	7	0.43	11.0
8655	Soil	0.031	0.19	0.35	46.0	36	0.09	0.08	0.01	0.85	12.37	2.6	4	0.54	12.1
8656	Soil	0.051	0.94	0.94	94.7	28	0.14	0.23	<0.01	0.24	29.31	3.9	13	0.31	22.5
8657	Soil	0.015	0.13	0.58	37.7	23	0.09	0.16	<0.01	0.23	21.04	2.8	8	0.48	14.4
8658	Soil	0.014	0.18	0.82	258.6	29	0.24	0.30	<0.01	0.31	39.86	4.6	17	0.57	20.3
8659	Soil	<0.005	0.17	0.77	13.3	28	0.09	0.16	<0.01	0.14	31.81	2.2	18	0.64	7.2
8660	Soil	0.013	0.16	1.20	53.8	45	0.22	0.26	<0.01	0.16	26.08	3.6	15	1.44	19.9
8661	Soil	0.029	0.11	0.87	249.5	28	0.13	0.28	<0.01	0.10	25.69	2.9	12	0.52	21.7
8662	Soil	0.018	0.10	1.08	207.0	37	0.16	0.30	<0.01	0.19	37.29	4.1	14	0.50	15.8
8663	Soil	0.025	0.10	1.58	99.6	36	0.21	0.32	<0.01	0.10	50.64	5.9	21	0.59	21.2
8664	Soil	0.041	0.09	1.66	106.7	34	0.17	0.30	<0.01	0.10	41.23	5.9	23	0.76	25.3
8665	Soil	0.063	0.08	0.58	61.4	24	0.08	0.18	<0.01	0.08	28.72	2.1	9	0.32	10.4
8666	Soil	0.023	0.05	0.43	76.8	31	0.09	0.24	<0.01	0.12	25.31	2.5	7	0.26	11.8
8667	Soil	0.048	0.15	0.91	263.7	37	0.22	0.37	0.01	0.23	31.94	5.1	15	0.44	21.7
8668	Soil	0.007	0.02	0.13	7.3	14	<0.05	0.04	0.04	0.35	9.91	0.7	2	0.17	3.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
8669	Soil	0.036	0.17	1.13	277.3	29	0.23	0.44	<0.01	0.17	45.41	5.9	16	0.79	22.6
8670	Soil	0.097	0.46	1.32	315.9	26	0.24	0.46	<0.01	0.14	53.66	7.0	20	0.61	29.6
8671	Soil	0.066	0.25	0.69	104.3	24	0.13	0.41	<0.01	0.11	39.39	4.1	8	0.42	15.3
8672	Soil	0.032	0.14	0.47	52.8	25	0.07	0.17	<0.01	0.07	24.17	1.7	5	0.42	7.4
8673	Soil	0.035	0.36	1.54	154.8	45	0.23	0.41	<0.01	0.14	46.09	6.6	20	1.02	22.5
8674	Soil	0.035	0.67	1.24	598.5	45	0.37	0.52	0.11	0.10	23.98	7.8	16	1.35	28.6
8675	Soil	0.023	0.38	1.26	93.3	24	0.32	0.37	<0.01	0.14	33.20	6.2	15	0.53	20.6
8676	Soil	0.051	0.47	1.20	208.3	24	0.25	0.45	<0.01	0.15	36.82	6.8	16	0.73	24.6
8677	Soil	0.042	0.17	1.35	208.0	23	0.31	0.50	<0.01	0.14	45.63	8.4	19	0.89	28.0
8678	Soil	0.075	0.14	0.93	424.3	23	0.32	2.40	0.03	0.14	43.18	14.3	14	1.93	41.9
8679	Soil	0.137	0.16	1.55	256.7	33	0.34	0.69	0.13	0.20	29.99	12.3	20	1.29	39.7
2224	Soil	0.078	0.22	1.83	133.0	42	0.41	0.48	0.66	0.19	30.22	16.0	25	1.47	36.2
2225	Soil	0.033	0.29	1.90	126.0	40	0.41	0.49	0.39	0.17	42.13	15.2	45	1.67	30.8
2226	Soil	0.054	0.13	1.90	99.1	43	0.49	0.49	0.27	0.16	43.61	16.2	40	1.60	28.4
2227	Soil	0.048	0.32	1.80	98.4	42	0.40	0.46	0.60	0.25	24.13	15.2	25	1.52	34.5
2228	Soil	0.060	0.21	1.81	126.9	48	0.44	0.46	0.72	0.24	24.29	14.4	24	2.00	39.9
2229	Soil	0.051	0.16	1.90	92.0	44	0.41	0.44	0.43	0.18	33.86	14.6	26	1.46	33.3
8680	Soil	0.024	0.09	1.20	229.1	27	0.25	0.65	0.04	0.20	34.13	10.9	18	1.20	29.7
8681	Soil	0.023	0.17	1.19	236.2	53	0.39	0.47	0.84	0.32	13.60	9.8	16	1.28	27.9
8682	Soil	0.044	0.15	1.53	423.0	37	0.45	0.69	0.77	0.26	21.25	13.8	23	2.04	34.3
8683	Soil	0.024	0.21	1.56	555.6	67	0.48	0.67	0.64	0.22	24.86	13.0	22	1.26	36.4
8684	Soil	0.046	0.17	1.67	522.8	53	0.41	0.57	0.34	0.31	30.07	13.0	23	1.09	31.6
8685	Soil	0.076	0.79	1.05	494.1	49	0.38	0.55	0.91	0.56	8.81	9.6	15	0.82	31.8
8686	Soil	0.030	0.23	1.70	172.8	45	0.43	0.54	0.48	0.25	20.95	14.3	24	0.99	37.6
8687	Soil	0.025	0.13	1.47	79.3	38	0.34	0.41	0.84	0.17	13.90	11.1	22	0.83	28.5
8688	Soil	0.023	0.15	1.85	71.6	40	0.41	0.47	0.67	0.17	26.03	15.3	27	0.92	42.8
8689	Soil	0.018	0.13	1.68	66.3	44	0.44	0.46	0.83	0.24	23.12	14.7	25	1.15	44.5
8690	Soil	0.048	0.10	1.79	102.0	41	0.43	0.45	0.70	0.19	19.78	13.5	24	1.54	34.4
8691	Soil	0.065	0.26	1.53	194.8	45	0.47	0.46	1.07	0.28	18.89	13.0	21	1.84	41.2
8692	Soil	0.018	0.15	1.79	94.6	46	0.42	0.45	0.69	0.16	22.38	14.9	25	1.38	42.2
8693	Soil	0.031	0.20	1.70	115.6	40	0.46	0.47	0.61	0.20	23.42	15.1	39	1.48	32.8
8694	Soil	0.151	0.44	1.79	509.5	64	0.75	0.71	0.54	0.30	26.51	15.4	28	3.98	56.9
8695	Soil	0.319	0.40	1.89	606.7	74	0.79	0.76	0.24	0.33	31.26	17.0	24	3.97	58.7
8696	Soil	0.332	0.29	1.65	444.5	59	0.56	0.62	0.36	0.41	24.19	16.3	22	3.25	46.2

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Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4670	Soil	2.62	11.01	<0.05	<0.02	0.01	0.02	11.0	9.8	0.16	174	0.80	<0.01	0.66	13.0
4671	Soil	3.18	7.19	<0.05	0.05	0.02	0.02	10.4	17.6	0.26	209	0.98	<0.01	1.10	16.1
4672	Soil	2.69	5.80	<0.05	0.05	0.01	0.02	10.5	6.9	0.10	152	0.81	<0.01	1.00	10.1
4673	Soil	3.74	11.94	<0.05	0.11	0.02	0.02	9.4	26.4	0.41	308	0.75	<0.01	0.66	23.9
4674	Soil	3.81	8.43	<0.05	0.09	0.02	0.02	10.4	32.3	0.47	296	0.69	<0.01	0.19	31.8
4675	Soil	3.25	7.51	<0.05	0.05	0.02	0.02	9.5	22.8	0.35	280	0.67	<0.01	0.21	24.7
4676	Soil	1.95	5.58	<0.05	<0.02	<0.01	0.01	9.8	1.2	0.02	114	0.86	<0.01	0.38	8.3
4677	Soil	3.16	8.94	<0.05	0.07	0.02	0.02	9.2	26.4	0.41	308	0.62	<0.01	0.16	24.6
4678	Soil	3.51	4.55	<0.05	0.06	0.02	0.02	9.2	21.0	0.34	224	0.64	<0.01	0.22	21.8
4679	Soil	3.79	14.11	<0.05	0.05	0.02	0.02	13.4	34.6	0.56	348	0.63	<0.01	0.12	29.0
4681	Soil	3.78	11.89	<0.05	0.10	0.02	0.02	7.4	38.5	0.70	527	0.63	<0.01	0.10	33.8
4682	Soil	3.68	6.40	<0.05	0.14	0.03	0.02	9.0	39.3	0.59	488	0.64	<0.01	0.11	32.9
4683	Soil	3.81	9.53	<0.05	0.11	0.02	0.03	7.9	38.7	0.66	562	0.61	<0.01	0.09	34.4
4684	Soil	2.54	9.16	<0.05	0.23	0.02	0.03	4.2	22.3	0.39	578	0.68	0.01	0.31	22.3
4685	Soil	4.45	7.96	<0.05	0.21	0.02	0.04	5.1	33.4	0.55	659	0.58	<0.01	0.21	28.8
4686	Soil	4.44	11.55	<0.05	0.11	0.02	0.02	7.0	38.1	0.56	589	0.66	<0.01	0.12	30.9
4687	Soil	3.34	11.25	<0.05	0.19	0.02	0.03	6.3	39.8	0.63	415	0.69	<0.01	0.24	30.7
4688	Soil	3.52	7.79	<0.05	0.22	0.02	0.03	6.1	49.4	0.78	475	0.70	<0.01	0.24	35.2
4691	Soil	4.15	12.65	<0.05	0.06	0.02	0.02	12.7	37.2	0.62	348	0.83	<0.01	0.64	26.9
4692	Soil	4.14	13.24	<0.05	0.15	0.03	0.02	11.7	50.3	0.76	465	0.78	<0.01	0.23	36.1
4693	Soil	3.57	15.96	<0.05	0.10	0.02	0.02	7.4	47.3	0.74	583	0.71	<0.01	0.30	31.3
4694	Soil	3.36	8.72	<0.05	0.16	0.02	0.03	5.0	43.9	0.65	440	0.61	<0.01	0.24	31.0
4695	Soil	3.67	9.93	<0.05	2.59	0.02	0.02	7.4	46.3	0.74	540	0.73	<0.01	0.38	31.2
4696	Soil	3.64	4.42	<0.05	0.52	0.02	0.02	7.2	46.6	0.71	510	0.73	<0.01	0.32	32.4
4697	Soil	3.54	13.92	<0.05	0.41	0.02	0.02	6.1	45.4	0.69	575	0.71	<0.01	0.33	31.0
4698	Soil	3.63	9.36	<0.05	0.25	0.02	0.02	6.2	47.5	0.72	573	0.74	<0.01	0.32	30.7
4699	Soil	3.91	9.74	<0.05	0.22	0.02	0.03	10.4	51.7	0.78	449	0.77	<0.01	0.34	33.5
4700	Soil	3.87	12.31	<0.05	0.22	0.02	0.02	9.9	56.6	0.82	579	0.81	<0.01	0.29	37.5
4701	Soil	3.60	7.36	<0.05	0.48	0.02	0.03	7.1	49.0	0.71	492	0.79	<0.01	0.26	35.0
4702	Soil	3.76	8.23	<0.05	0.18	0.02	0.02	8.5	50.5	0.75	598	0.96	<0.01	0.29	33.0
4703	Soil	4.82	9.66	<0.05	0.27	0.02	0.02	5.9	48.1	0.65	620	0.66	<0.01	0.26	32.6
5124	Soil	4.80	12.59	<0.05	0.29	0.02	0.03	8.2	55.7	0.83	696	0.76	<0.01	0.25	38.4
5125	Soil	3.65	10.55	<0.05	0.28	0.02	0.03	8.1	56.7	0.92	577	0.62	<0.01	0.24	35.8
5126	Soil	3.82	15.10	<0.05	0.26	0.02	0.04	7.5	55.9	0.89	526	0.63	<0.01	0.21	36.0
5127	Soil	3.96	7.38	<0.05	0.33	0.02	0.03	7.3	52.2	0.77	826	0.97	<0.01	0.14	38.4
5128	Soil	4.09	11.12	<0.05	0.12	0.03	0.03	11.5	47.9	0.69	553	0.73	<0.01	0.17	38.9
5129	Soil	4.11	14.62	<0.05	0.14	0.03	0.02	11.0	42.9	0.66	533	0.76	<0.01	0.24	33.8
5130	Soil	3.08	9.48	<0.05	0.05	0.02	0.02	10.5	13.1	0.19	386	0.71	<0.01	0.51	13.7
5131	Soil	3.58	7.64	<0.05	0.09	0.02	0.02	13.6	33.5	0.38	234	0.81	<0.01	0.40	22.7
5132	Soil	2.45	2.44	<0.05	0.09	0.02	0.02	10.6	21.4	0.27	366	0.59	<0.01	0.43	20.1

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11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
5133	Soil	3.61	7.54	<0.05	0.12	0.03	0.02	10.2	17.6	0.17	222	0.76	<0.01	0.42	18.8
5134	Soil	3.50	9.99	0.09	0.11	0.04	0.03	9.2	19.2	0.25	376	0.76	<0.01	0.19	19.7
5135	Soil	3.42	7.62	<0.05	0.16	0.02	0.02	11.2	36.9	0.49	287	0.62	<0.01	0.18	26.7
5136	Soil	3.11	10.10	0.05	0.06	0.02	0.02	16.2	32.8	0.44	268	0.72	<0.01	0.44	21.5
5137	Soil	3.95	14.50	0.08	0.17	0.03	0.03	12.7	25.6	0.32	255	0.72	<0.01	0.60	19.6
5138	Soil	3.24	3.99	0.05	0.25	0.02	0.02	17.0	26.5	0.28	201	0.69	<0.01	0.56	16.8
5139	Soil	3.93	8.28	0.07	0.26	0.02	0.03	14.3	66.3	0.96	704	0.77	<0.01	0.19	41.4
5140	Soil	3.90	9.94	<0.05	0.20	0.03	0.02	16.4	45.1	0.64	485	0.81	<0.01	0.33	33.2
5141	Soil	3.10	8.76	0.06	0.13	0.02	0.02	16.5	33.2	0.45	251	0.82	<0.01	0.40	23.1
5142	Soil	3.90	8.85	0.07	0.29	0.02	0.03	12.4	56.9	0.78	605	0.68	<0.01	0.17	40.2
5143	Soil	3.50	4.83	<0.05	0.20	0.02	0.02	9.9	53.7	0.70	546	0.72	<0.01	0.34	32.7
5144	Soil	4.27	10.09	<0.05	0.27	0.02	0.03	8.7	49.4	0.64	800	0.67	<0.01	0.34	31.4
5145	Soil	3.35	7.66	<0.05	0.35	0.03	0.03	10.1	54.7	0.66	516	0.63	<0.01	0.31	37.0
5146	Soil	3.35	7.86	<0.05	0.41	0.03	0.03	10.0	52.5	0.63	499	0.69	<0.01	0.33	35.2
5147	Soil	3.75	9.01	<0.05	0.31	0.02	0.03	14.7	54.3	0.74	495	0.61	<0.01	0.21	36.1
5148	Soil	3.52	9.04	<0.05	0.28	0.02	0.02	12.8	59.9	0.73	496	0.58	<0.01	0.27	34.8
5149	Soil	3.27	12.47	<0.05	2.59	<0.01	0.03	5.1	22.0	0.65	375	0.24	<0.01	0.17	14.5
5150	Soil	3.59	12.87	<0.05	0.43	0.01	0.03	7.6	25.1	0.70	514	0.30	<0.01	0.11	16.9
5151	Soil	3.50	10.02	<0.05	0.36	0.01	0.02	5.7	25.1	0.67	520	0.29	<0.01	0.15	16.2
5152	Soil	3.34	9.38	<0.05	0.30	0.01	0.03	5.6	23.6	0.62	554	0.28	<0.01	0.14	17.3
5153	Soil	3.91	6.71	<0.05	0.23	0.01	0.03	7.8	30.6	0.72	730	0.39	<0.01	0.10	22.2
5154	Soil	3.48	7.15	<0.05	0.24	0.01	0.03	6.9	26.7	0.67	592	0.32	<0.01	0.14	18.7
8651	Soil	1.21	5.22	<0.05	0.22	<0.01	0.02	4.8	2.4	0.05	73	0.28	0.01	0.21	3.0
8652	Soil	2.12	6.79	<0.05	0.07	0.01	0.03	7.2	6.5	0.09	748	0.33	<0.01	0.30	7.7
8653	Soil	1.67	2.63	<0.05	0.05	<0.01	0.02	5.2	3.4	0.09	134	0.29	<0.01	0.14	5.5
8654	Soil	1.84	4.20	<0.05	0.02	<0.01	0.02	6.8	2.3	0.06	84	0.35	<0.01	0.13	4.5
8655	Soil	1.06	1.97	<0.05	0.04	<0.01	0.02	3.5	1.0	0.03	119	0.25	0.01	0.13	5.5
8656	Soil	3.16	5.12	<0.05	0.05	<0.01	0.01	7.2	8.3	0.20	161	0.31	<0.01	0.17	9.8
8657	Soil	1.90	2.96	<0.05	0.04	<0.01	0.02	5.7	6.8	0.15	147	0.36	<0.01	0.29	6.5
8658	Soil	4.08	10.54	<0.05	0.03	0.01	0.02	10.5	6.2	0.12	236	0.50	<0.01	0.37	8.7
8659	Soil	3.06	8.43	<0.05	<0.02	<0.01	0.02	9.1	7.8	0.14	271	0.40	<0.01	0.23	5.0
8660	Soil	3.42	13.97	<0.05	0.03	0.01	0.02	10.0	12.5	0.23	319	0.50	<0.01	0.41	8.7
8661	Soil	2.55	7.98	<0.05	0.02	<0.01	0.02	8.6	11.4	0.25	189	0.43	<0.01	0.12	9.7
8662	Soil	3.53	10.82	<0.05	0.02	<0.01	0.02	12.3	12.7	0.23	268	0.65	<0.01	0.42	10.5
8663	Soil	3.95	11.73	<0.05	0.04	0.01	0.02	15.9	22.9	0.42	283	0.52	<0.01	0.39	15.6
8664	Soil	3.99	11.79	<0.05	0.06	0.01	0.02	14.8	27.0	0.52	351	0.44	<0.01	0.26	17.6
8665	Soil	2.11	8.07	<0.05	<0.02	<0.01	0.01	8.4	6.0	0.12	106	0.37	0.01	0.13	5.5
8666	Soil	2.18	8.26	<0.05	<0.02	<0.01	0.01	8.6	2.1	0.04	247	0.46	<0.01	0.26	5.4
8667	Soil	4.01	14.02	<0.05	<0.02	0.01	0.02	11.5	9.5	0.19	220	0.54	<0.01	0.36	12.1
8668	Soil	0.28	0.61	<0.05	0.07	<0.01	0.02	1.5	0.8	0.02	78	0.23	0.02	0.13	1.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
8669	Soil	3.68	9.51	<0.05	0.02	0.02	0.02	16.7	14.2	0.24	236	0.62	<0.01	0.51	15.2
8670	Soil	4.07	11.94	<0.05	0.03	0.02	0.02	17.9	20.9	0.36	295	0.55	<0.01	0.27	19.1
8671	Soil	2.24	8.09	<0.05	<0.02	<0.01	0.02	15.4	6.8	0.11	137	0.45	<0.01	0.23	8.6
8672	Soil	1.24	<0.05	<0.05	<0.02	<0.01	0.01	9.1	4.1	0.07	60	0.41	0.01	0.16	4.4
8673	Soil	3.65	5.46	0.05	<0.02	0.02	0.03	15.3	23.2	0.36	295	0.74	<0.01	0.70	16.2
8674	Soil	3.03	7.58	<0.05	0.07	0.02	0.02	7.0	30.2	0.38	359	0.55	<0.01	0.26	20.4
8675	Soil	3.10	6.76	<0.05	0.08	0.02	0.02	10.0	18.0	0.26	237	0.51	<0.01	0.29	15.6
8676	Soil	3.47	10.04	<0.05	0.03	0.01	0.02	13.5	22.3	0.33	233	0.50	<0.01	0.26	17.5
8677	Soil	4.00	8.85	0.06	0.03	0.02	0.02	17.4	27.9	0.40	280	0.56	<0.01	0.19	22.5
8678	Soil	3.75	7.45	0.07	0.03	0.02	0.02	15.4	22.5	0.34	494	0.57	<0.01	<0.05	34.1
8679	Soil	3.74	11.19	<0.05	0.10	0.02	0.03	9.4	37.5	0.57	375	0.54	<0.01	0.13	30.4
2224	Soil	3.63	8.05	<0.05	0.59	0.02	0.03	8.5	54.4	0.73	575	0.64	<0.01	0.34	35.4
2225	Soil	5.53	13.41	<0.05	0.28	0.02	0.02	12.1	60.9	0.79	732	0.71	<0.01	0.25	38.8
2226	Soil	5.26	9.69	<0.05	0.19	0.02	0.03	13.8	61.3	0.77	779	0.72	<0.01	0.32	37.1
2227	Soil	3.50	10.04	<0.05	0.24	0.02	0.02	6.5	52.1	0.71	561	0.68	<0.01	0.34	33.8
2228	Soil	3.45	11.06	<0.05	0.27	0.02	0.02	6.2	55.2	0.69	490	0.63	<0.01	0.29	36.0
2229	Soil	3.65	11.84	<0.05	0.32	0.02	0.02	8.9	55.5	0.76	565	0.64	<0.01	0.32	33.1
8680	Soil	3.26	7.85	<0.05	0.10	0.02	0.02	10.6	33.7	0.44	327	0.65	<0.01	0.14	28.1
8681	Soil	2.50	7.11	<0.05	0.33	0.02	0.03	4.1	29.9	0.50	418	0.63	<0.01	0.28	26.2
8682	Soil	3.36	7.80	<0.05	0.27	0.02	0.05	7.2	43.5	0.62	471	0.82	<0.01	0.17	34.4
8683	Soil	3.08	11.89	<0.05	0.31	0.02	0.05	6.7	39.8	0.60	553	0.86	<0.01	0.22	32.7
8684	Soil	3.31	10.34	<0.05	0.26	0.02	0.05	9.8	45.4	0.64	486	0.80	0.01	0.21	33.6
8685	Soil	2.21	5.74	<0.05	0.27	0.02	0.03	3.3	28.0	0.42	348	0.76	<0.01	0.27	24.9
8686	Soil	3.42	8.11	<0.05	0.21	0.02	0.03	5.9	49.3	0.71	448	0.58	<0.01	0.30	34.4
8687	Soil	2.87	5.28	<0.05	0.20	0.02	0.03	4.5	41.4	0.63	306	0.62	<0.01	0.31	28.5
8688	Soil	3.57	13.24	<0.05	0.21	0.02	0.04	6.3	56.7	0.82	668	0.71	<0.01	0.19	38.8
8689	Soil	3.34	10.11	<0.05	0.23	0.02	0.04	5.0	48.5	0.74	526	0.73	<0.01	0.20	36.2
8690	Soil	3.49	14.16	<0.05	0.11	0.02	0.05	6.2	54.9	0.72	462	0.65	<0.01	0.35	33.0
8691	Soil	3.01	11.47	<0.05	0.19	0.02	0.02	4.3	46.1	0.61	476	0.64	<0.01	0.27	32.6
8692	Soil	3.60	10.15	<0.05	0.18	0.02	0.03	5.2	52.5	0.75	542	0.68	<0.01	0.21	38.3
8693	Soil	5.07	9.71	<0.05	0.14	0.02	0.02	5.6	58.6	0.73	817	0.75	<0.01	0.26	36.9
8694	Soil	4.72	8.03	<0.05	0.22	0.03	0.03	6.5	55.9	0.57	726	0.71	<0.01	0.32	43.0
8695	Soil	3.75	9.88	<0.05	0.24	0.03	0.03	7.3	51.0	0.56	640	0.82	<0.01	0.29	43.8
8696	Soil	3.40	10.49	<0.05	0.29	0.03	0.03	5.7	47.0	0.55	638	0.74	<0.01	0.31	36.7

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Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4670	Soil	529	23.1	3.8	<0.01	0.01	0.68	0.7	0.8	0.4	3.3	<0.01	0.16	3.5	<0.005
4671	Soil	433	21.8	4.0	<0.01	<0.01	0.70	1.0	0.6	0.4	4.7	<0.01	0.14	5.5	0.007
4672	Soil	353	23.6	4.4	<0.01	0.01	0.63	0.7	0.8	0.4	2.7	<0.01	0.14	4.9	<0.005
4673	Soil	270	25.3	5.0	<0.01	0.01	0.74	1.2	0.8	0.3	2.3	<0.01	0.16	7.4	<0.005
4674	Soil	265	32.8	3.5	<0.01	<0.01	0.89	1.5	1.0	<0.2	2.5	<0.01	0.18	9.3	<0.005
4675	Soil	327	32.5	3.3	<0.01	<0.01	0.91	1.1	0.7	<0.2	3.5	<0.01	0.14	6.5	<0.005
4676	Soil	295	12.3	2.6	<0.01	<0.01	0.56	0.4	0.7	0.4	3.4	<0.01	0.11	1.5	<0.005
4677	Soil	268	31.0	2.7	<0.01	<0.01	0.76	1.1	0.7	<0.2	3.1	<0.01	0.13	6.7	<0.005
4678	Soil	352	31.4	2.9	<0.01	<0.01	0.95	1.0	0.6	<0.2	2.4	<0.01	0.14	5.5	<0.005
4679	Soil	220	31.6	3.1	<0.01	<0.01	0.91	1.4	0.7	<0.2	2.9	<0.01	0.12	9.0	<0.005
4681	Soil	476	38.0	1.8	<0.01	0.01	1.22	1.7	0.7	<0.2	11.9	<0.01	0.15	8.2	<0.005
4682	Soil	375	39.4	2.4	<0.01	<0.01	1.15	1.9	0.7	<0.2	7.3	<0.01	0.15	8.1	<0.005
4683	Soil	452	37.2	2.2	<0.01	<0.01	1.02	1.9	0.8	1.3	9.4	<0.01	0.18	8.8	<0.005
4684	Soil	665	28.3	2.3	<0.01	0.05	0.64	1.1	0.7	<0.2	31.8	<0.01	0.10	3.6	<0.005
4685	Soil	665	32.0	3.2	<0.01	0.03	0.85	1.5	0.7	<0.2	30.2	<0.01	0.12	5.5	<0.005
4686	Soil	454	33.4	1.9	<0.01	<0.01	0.83	1.8	0.5	<0.2	11.3	<0.01	0.13	8.5	<0.005
4687	Soil	528	33.5	2.8	<0.01	0.02	0.83	1.6	0.9	<0.2	16.8	<0.01	0.14	5.8	<0.005
4688	Soil	525	28.3	3.0	<0.01	0.03	0.74	2.0	0.9	<0.2	40.0	<0.01	0.16	6.2	<0.005
4691	Soil	488	24.8	3.7	<0.01	0.01	0.92	1.4	0.7	0.2	3.5	<0.01	0.15	5.4	<0.005
4692	Soil	566	38.0	3.5	<0.01	0.01	1.14	1.9	0.6	<0.2	4.9	<0.01	0.20	7.7	<0.005
4693	Soil	473	30.9	3.1	<0.01	0.02	0.85	1.6	0.7	<0.2	13.5	<0.01	0.15	5.2	<0.005
4694	Soil	523	36.2	3.8	<0.01	0.04	0.79	1.7	0.9	<0.2	43.3	<0.01	0.16	5.3	<0.005
4695	Soil	470	28.0	2.6	<0.01	0.02	0.91	1.9	0.4	0.2	13.4	<0.01	0.15	5.7	<0.005
4696	Soil	422	29.1	3.3	<0.01	0.02	0.95	1.8	0.7	0.2	14.1	<0.01	0.19	5.3	<0.005
4697	Soil	487	30.5	2.5	<0.01	0.02	0.88	1.6	0.8	<0.2	15.7	<0.01	0.15	4.9	<0.005
4698	Soil	461	30.0	3.4	<0.01	0.02	0.90	1.7	0.7	0.2	15.6	<0.01	0.17	4.5	<0.005
4699	Soil	411	30.7	2.8	<0.01	0.03	0.96	2.1	0.6	0.2	10.9	0.01	0.16	6.8	<0.005
4700	Soil	455	31.6	3.7	<0.01	0.02	0.93	2.1	0.7	2.4	21.3	<0.01	0.19	7.1	<0.005
4701	Soil	502	36.7	3.4	<0.01	0.03	0.86	2.3	0.8	<0.2	35.0	<0.01	0.14	7.6	<0.005
4702	Soil	481	29.5	3.4	<0.01	0.02	0.91	2.0	0.8	0.2	15.8	<0.01	0.14	5.7	<0.005
4703	Soil	648	36.9	4.0	<0.01	0.04	0.80	2.0	0.9	<0.2	44.9	<0.01	0.18	6.0	<0.005
5124	Soil	546	30.1	3.4	<0.01	0.02	0.87	2.6	1.1	0.2	29.2	<0.01	0.18	6.9	<0.005
5125	Soil	519	25.5	3.0	<0.01	0.02	0.72	2.5	0.9	<0.2	28.1	<0.01	0.16	7.3	<0.005
5126	Soil	543	29.4	2.9	<0.01	0.03	0.63	2.5	0.8	0.2	25.6	<0.01	0.15	8.7	<0.005
5127	Soil	563	35.3	2.5	<0.01	0.04	0.94	2.9	0.7	<0.2	20.3	<0.01	0.22	9.4	<0.005
5128	Soil	494	39.5	3.1	<0.01	<0.01	1.17	2.7	0.7	0.2	17.9	<0.01	0.17	10.4	<0.005
5129	Soil	398	37.9	2.8	<0.01	0.01	1.24	2.2	0.6	0.2	6.3	<0.01	0.17	8.7	<0.005
5130	Soil	685	29.5	3.5	<0.01	0.02	1.21	0.9	0.4	0.3	4.0	<0.01	0.17	3.7	<0.005
5131	Soil	419	34.4	5.4	<0.01	0.01	0.93	1.6	0.7	0.4	9.1	<0.01	0.21	9.9	<0.005
5132	Soil	262	28.4	3.9	<0.01	0.01	0.97	1.2	0.8	0.3	5.3	<0.01	0.18	4.9	<0.005

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11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
5133	Soil	467	33.9	6.3	<0.01	0.02	1.19	1.7	0.7	0.3	3.4	<0.01	0.21	11.4	<0.005
5134	Soil	817	26.0	5.1	<0.01	0.03	2.38	4.4	1.0	<0.2	28.3	<0.01	0.50	18.8	<0.005
5135	Soil	219	33.1	4.0	<0.01	<0.01	1.51	1.9	0.8	0.2	3.2	<0.01	0.23	11.4	<0.005
5136	Soil	403	28.0	4.6	<0.01	<0.01	0.85	1.7	0.5	0.5	4.0	<0.01	0.17	6.0	<0.005
5137	Soil	602	65.3	4.6	<0.01	0.03	1.64	2.1	0.7	0.4	9.6	<0.01	0.20	9.9	<0.005
5138	Soil	337	28.1	4.6	<0.01	0.01	0.90	1.7	0.8	0.5	3.4	<0.01	0.19	10.1	<0.005
5139	Soil	536	33.6	2.8	<0.01	0.02	1.02	3.7	0.7	0.3	24.8	<0.01	0.26	13.0	<0.005
5140	Soil	492	39.7	3.2	<0.01	0.01	1.15	2.7	0.8	0.3	5.2	<0.01	0.26	9.7	<0.005
5141	Soil	417	24.4	3.8	<0.01	<0.01	0.70	2.0	0.3	0.4	3.5	<0.01	0.23	9.2	<0.005
5142	Soil	491	35.2	2.6	<0.01	<0.01	0.88	4.1	0.6	0.3	22.6	<0.01	0.27	14.2	<0.005
5143	Soil	464	29.9	4.1	<0.01	0.03	0.86	2.8	0.5	0.3	27.2	<0.01	0.21	7.9	<0.005
5144	Soil	472	32.9	4.3	<0.01	0.02	0.80	3.0	0.9	0.3	43.8	<0.01	0.24	7.9	<0.005
5145	Soil	586	34.6	4.4	<0.01	0.05	0.89	3.6	1.4	0.3	55.9	<0.01	0.24	9.6	<0.005
5146	Soil	629	33.9	4.5	<0.01	0.05	0.84	3.6	1.1	0.3	58.0	<0.01	0.22	9.4	<0.005
5147	Soil	514	36.6	3.6	<0.01	0.02	0.81	3.9	0.8	0.3	29.3	<0.01	0.19	13.4	<0.005
5148	Soil	468	31.9	4.7	<0.01	0.03	0.69	3.8	0.9	0.3	35.0	<0.01	0.24	11.9	<0.005
5149	Soil	539	17.7	1.9	<0.01	0.05	0.32	2.0	<0.2	<0.2	22.7	<0.01	0.01	6.2	<0.005
5150	Soil	504	19.7	1.7	<0.01	0.02	0.37	2.2	<0.2	<0.2	14.9	<0.01	0.02	7.4	<0.005
5151	Soil	547	18.8	1.8	<0.01	0.04	0.38	2.0	<0.2	<0.2	22.2	<0.01	0.03	5.6	<0.005
5152	Soil	498	17.0	1.7	<0.01	0.03	0.40	2.0	<0.2	<0.2	18.8	<0.01	0.02	5.5	<0.005
5153	Soil	491	21.6	2.0	<0.01	0.02	0.45	2.8	<0.2	<0.2	13.7	<0.01	0.07	8.4	<0.005
5154	Soil	530	17.6	1.9	<0.01	0.04	0.41	2.3	<0.2	<0.2	19.7	<0.01	0.04	6.6	<0.005
8651	Soil	279	11.2	1.7	<0.01	0.01	0.13	0.3	<0.2	<0.2	2.6	<0.01	<0.01	0.7	0.006
8652	Soil	529	74.1	3.6	<0.01	0.02	0.29	0.6	<0.2	0.4	4.1	<0.01	<0.01	0.9	0.007
8653	Soil	384	19.6	1.5	<0.01	0.02	0.13	0.3	<0.2	<0.2	1.7	<0.01	<0.01	0.4	<0.005
8654	Soil	394	23.3	1.5	<0.01	0.02	0.37	0.2	<0.2	0.3	3.0	<0.01	<0.01	0.3	<0.005
8655	Soil	314	8.2	1.7	<0.01	0.02	0.15	0.1	<0.2	<0.2	3.4	<0.01	<0.01	<0.2	<0.005
8656	Soil	413	19.9	1.3	<0.01	0.01	0.39	0.9	<0.2	<0.2	2.0	<0.01	0.04	5.3	<0.005
8657	Soil	253	10.6	1.4	<0.01	<0.01	0.21	0.5	<0.2	0.3	1.7	<0.01	0.03	1.1	0.008
8658	Soil	596	26.5	2.4	<0.01	0.02	0.45	0.8	<0.2	0.4	2.3	<0.01	0.02	2.9	<0.005
8659	Soil	879	8.2	2.2	<0.01	0.02	0.14	0.3	<0.2	0.3	2.6	<0.01	<0.01	0.7	0.005
8660	Soil	948	17.0	3.2	<0.01	0.02	0.27	0.6	<0.2	0.3	4.0	<0.01	0.04	2.0	0.005
8661	Soil	425	15.6	1.7	<0.01	0.02	0.57	0.6	<0.2	<0.2	2.7	<0.01	0.02	2.1	<0.005
8662	Soil	780	15.2	3.9	<0.01	0.01	0.47	0.9	<0.2	0.3	2.7	<0.01	<0.01	5.2	0.005
8663	Soil	380	17.8	3.2	<0.01	<0.01	0.39	1.4	<0.2	0.3	3.1	<0.01	0.05	8.9	<0.005
8664	Soil	362	20.0	2.8	<0.01	0.01	0.40	1.3	<0.2	<0.2	2.7	<0.01	0.07	7.8	<0.005
8665	Soil	372	9.9	1.5	<0.01	<0.01	0.22	0.3	<0.2	<0.2	1.4	<0.01	<0.01	0.8	<0.005
8666	Soil	410	12.3	1.6	<0.01	0.01	0.33	0.3	<0.2	0.3	1.7	<0.01	<0.01	0.9	0.006
8667	Soil	578	20.8	2.5	<0.01	0.01	0.56	0.8	<0.2	0.3	3.6	<0.01	0.04	3.1	0.005
8668	Soil	163	3.5	0.7	<0.01	<0.01	<0.05	0.2	<0.2	<0.2	5.1	<0.01	<0.01	0.3	0.007

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
8669	Soil	532	27.2	3.9	<0.01	0.01	0.71	1.2	<0.2	0.3	2.7	<0.01	0.06	7.3	<0.005
8670	Soil	555	33.0	3.5	<0.01	0.01	0.68	1.3	<0.2	0.2	2.7	<0.01	0.07	7.6	<0.005
8671	Soil	503	16.3	2.6	<0.01	0.01	0.49	0.6	<0.2	0.3	2.7	<0.01	0.03	2.5	<0.005
8672	Soil	272	10.8	2.2	<0.01	<0.01	0.22	0.2	<0.2	0.2	2.4	<0.01	<0.01	0.4	<0.005
8673	Soil	463	31.0	5.5	<0.01	0.01	0.57	1.4	<0.2	0.5	4.0	<0.01	0.06	5.9	0.006
8674	Soil	394	32.1	3.6	<0.01	0.02	0.62	1.1	<0.2	<0.2	12.8	<0.01	0.04	4.3	<0.005
8675	Soil	372	27.9	2.7	<0.01	0.01	0.55	1.0	<0.2	<0.2	2.9	<0.01	0.02	6.4	<0.005
8676	Soil	335	30.2	3.5	<0.01	0.01	0.66	1.0	<0.2	<0.2	3.2	<0.01	<0.01	6.2	<0.005
8677	Soil	367	34.8	3.7	<0.01	<0.01	0.74	1.3	<0.2	<0.2	2.4	<0.01	0.06	10.3	<0.005
8678	Soil	304	25.0	2.4	<0.01	0.01	1.46	1.9	<0.2	<0.2	9.0	<0.01	0.07	9.9	<0.005
8679	Soil	479	42.2	2.8	<0.01	0.02	0.82	1.7	<0.2	<0.2	14.6	<0.01	0.05	7.7	<0.005
2224	Soil	470	40.4	4.3	<0.01	0.03	0.83	2.0	<0.2	<0.2	42.4	<0.01	0.04	6.7	<0.005
2225	Soil	575	33.7	4.3	<0.01	0.02	0.85	2.1	<0.2	<0.2	26.7	<0.01	0.03	7.2	<0.005
2226	Soil	411	33.7	4.9	<0.01	0.01	0.88	2.1	<0.2	0.2	19.2	<0.01	0.04	7.2	<0.005
2227	Soil	416	31.1	4.6	<0.01	0.03	0.78	1.9	<0.2	<0.2	36.7	<0.01	0.01	5.3	<0.005
2228	Soil	489	33.4	4.6	<0.01	0.04	0.77	1.9	<0.2	<0.2	45.2	<0.01	0.02	5.7	<0.005
2229	Soil	489	29.0	4.3	<0.01	0.03	0.80	1.9	<0.2	<0.2	26.9	<0.01	0.04	5.5	<0.005
8680	Soil	384	32.6	3.2	<0.01	0.01	0.77	1.2	<0.2	<0.2	6.5	<0.01	0.03	5.7	<0.005
8681	Soil	622	27.5	3.4	<0.01	0.08	0.55	1.3	<0.2	<0.2	53.0	<0.01	0.03	4.5	<0.005
8682	Soil	532	33.4	4.2	<0.01	0.04	0.79	2.0	<0.2	<0.2	35.0	<0.01	<0.01	8.0	<0.005
8683	Soil	663	34.2	4.4	<0.01	0.05	0.87	2.0	<0.2	<0.2	42.3	<0.01	0.05	6.9	<0.005
8684	Soil	570	32.8	4.1	<0.01	0.03	0.87	2.0	<0.2	<0.2	27.6	<0.01	0.03	7.6	<0.005
8685	Soil	538	34.6	2.9	<0.01	0.06	1.00	1.0	<0.2	<0.2	52.1	<0.01	<0.01	3.1	<0.005
8686	Soil	562	34.5	3.2	<0.01	0.06	0.78	2.0	<0.2	<0.2	23.1	<0.01	<0.01	6.1	<0.005
8687	Soil	440	24.4	2.3	<0.01	0.05	0.59	1.6	<0.2	<0.2	37.7	<0.01	<0.01	4.5	<0.005
8688	Soil	564	32.2	3.0	<0.01	0.02	0.75	2.2	<0.2	<0.2	37.0	<0.01	0.03	7.5	<0.005
8689	Soil	565	30.1	3.4	<0.01	0.04	0.71	2.0	<0.2	<0.2	48.3	<0.01	0.03	6.6	<0.005
8690	Soil	481	32.2	5.5	<0.01	0.02	0.81	1.8	<0.2	<0.2	34.9	<0.01	0.04	6.1	<0.005
8691	Soil	568	32.2	3.5	<0.01	0.06	0.77	1.7	<0.2	<0.2	67.9	<0.01	<0.01	4.3	<0.005
8692	Soil	571	32.4	3.3	<0.01	0.03	0.74	2.1	<0.2	<0.2	44.7	<0.01	0.07	5.8	<0.005
8693	Soil	582	37.3	3.6	<0.01	0.04	0.86	1.9	<0.2	<0.2	37.1	<0.01	0.01	5.7	<0.005
8694	Soil	470	45.1	5.0	<0.01	0.02	1.06	2.3	<0.2	<0.2	41.5	<0.01	0.05	5.8	<0.005
8695	Soil	588	49.5	4.4	<0.01	0.03	1.05	2.2	<0.2	<0.2	24.3	<0.01	0.04	6.5	<0.005
8696	Soil	567	41.9	4.0	<0.01	0.04	0.92	2.0	<0.2	<0.2	32.6	<0.01	0.03	5.4	<0.005

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11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4670	Soil	<0.05	0.49	23	0.94	1.14	53	<0.5
4671	Soil	<0.05	0.45	30	0.64	1.09	62	1.4
4672	Soil	<0.05	0.42	22	0.54	1.01	46	1.3
4673	Soil	<0.05	0.63	28	0.53	1.34	90	2.7
4674	Soil	<0.05	0.81	25	0.57	1.53	97	2.3
4675	Soil	<0.05	0.75	21	1.05	1.49	79	1.1
4676	Soil	<0.05	0.36	20	0.36	0.94	37	<0.5
4677	Soil	<0.05	0.63	22	0.39	1.31	76	1.5
4678	Soil	<0.05	0.57	22	0.70	1.09	75	1.5
4679	Soil	<0.05	0.85	28	0.73	1.82	93	1.4
4681	Soil	<0.05	0.76	32	0.45	2.06	105	2.2
4682	Soil	<0.05	1.16	28	0.45	2.95	102	2.5
4683	Soil	<0.05	1.04	30	0.34	2.44	106	2.4
4684	Soil	<0.05	2.32	20	0.32	3.86	59	4.1
4685	Soil	<0.05	1.62	34	0.39	3.42	122	4.0
4686	Soil	<0.05	0.88	33	0.32	2.41	102	2.4
4687	Soil	<0.05	1.93	30	0.67	3.57	102	3.5
4688	Soil	<0.05	3.35	34	0.21	3.62	104	4.5
4691	Soil	<0.05	0.49	37	0.40	1.12	86	1.3
4692	Soil	<0.05	0.84	37	0.29	1.83	104	2.7
4693	Soil	<0.05	1.11	35	0.27	2.22	92	1.6
4694	Soil	<0.05	4.17	30	0.21	3.48	101	3.1
4695	Soil	<0.05	0.97	36	0.24	2.22	93	1.7
4696	Soil	<0.05	0.99	34	0.25	2.33	91	1.7
4697	Soil	<0.05	1.39	33	0.25	2.60	92	1.9
4698	Soil	<0.05	1.33	34	0.40	2.42	97	1.7
4699	Soil	<0.05	0.88	37	0.25	2.33	98	2.1
4700	Soil	<0.05	2.68	38	0.27	3.13	113	2.2
4701	Soil	<0.05	3.70	32	0.21	4.30	103	3.2
4702	Soil	<0.05	1.16	36	0.53	2.60	96	1.6
4703	Soil	<0.05	4.15	39	0.22	4.28	126	3.2
5124	Soil	<0.05	3.41	43	0.15	5.29	108	3.7
5125	Soil	<0.05	3.25	39	0.25	5.26	98	4.1
5126	Soil	<0.05	2.45	38	0.17	4.74	102	3.7
5127	Soil	<0.05	4.43	35	0.15	5.41	113	4.0
5128	Soil	<0.05	1.68	34	0.31	4.64	123	1.7
5129	Soil	<0.05	0.88	33	0.74	2.52	102	1.6
5130	Soil	<0.05	0.59	22	0.38	1.28	76	0.5
5131	Soil	<0.05	0.68	27	0.39	1.61	91	1.7
5132	Soil	<0.05	0.58	20	0.38	1.38	65	0.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
5133	Soil	<0.05	0.85	19	0.95	2.09	93	1.7
5134	Soil	<0.05	1.54	15	0.66	6.07	69	1.3
5135	Soil	<0.05	0.67	25	0.61	1.67	86	1.9
5136	Soil	<0.05	0.63	29	0.31	2.12	76	0.7
5137	Soil	0.05	0.82	25	0.86	2.21	86	2.1
5138	Soil	<0.05	0.58	26	0.58	2.02	62	2.3
5139	Soil	<0.05	1.43	41	0.18	6.18	109	2.9
5140	Soil	<0.05	0.76	33	0.35	2.97	95	2.2
5141	Soil	<0.05	0.63	29	0.37	1.91	67	1.3
5142	Soil	<0.05	2.20	36	0.26	6.93	110	3.2
5143	Soil	<0.05	2.27	33	0.23	4.09	93	1.9
5144	Soil	<0.05	3.64	36	0.20	5.27	94	3.1
5145	Soil	<0.05	7.14	30	0.26	11.14	114	3.5
5146	Soil	<0.05	7.86	30	0.18	10.42	112	3.8
5147	Soil	<0.05	3.73	34	0.22	7.22	108	3.0
5148	Soil	<0.05	3.41	33	0.23	6.38	107	2.6
5149	Soil	<0.05	2.29	29	0.11	3.46	100	1.4
5150	Soil	<0.05	1.64	32	0.10	3.83	116	1.4
5151	Soil	<0.05	2.57	32	0.10	5.17	99	1.5
5152	Soil	<0.05	2.88	29	0.46	6.24	118	1.5
5153	Soil	<0.05	2.69	34	0.11	6.61	126	1.6
5154	Soil	<0.05	2.96	31	0.12	5.94	112	1.6
8651	Soil	<0.05	0.19	12	0.16	0.76	30	<0.5
8652	Soil	<0.05	0.89	16	0.19	3.85	155	<0.5
8653	Soil	<0.05	0.37	12	0.14	1.35	46	<0.5
8654	Soil	<0.05	0.21	16	0.19	0.78	47	<0.5
8655	Soil	<0.05	0.20	9	0.08	0.70	38	<0.5
8656	Soil	<0.05	0.32	18	0.79	1.12	81	0.6
8657	Soil	<0.05	0.19	17	0.17	0.72	43	<0.5
8658	Soil	<0.05	0.54	31	0.60	1.91	86	<0.5
8659	Soil	<0.05	0.25	27	0.22	0.79	41	<0.5
8660	Soil	<0.05	0.42	26	0.39	1.05	58	<0.5
8661	Soil	<0.05	0.41	17	0.21	0.87	58	<0.5
8662	Soil	<0.05	0.39	25	0.43	1.21	81	<0.5
8663	Soil	<0.05	0.42	31	0.52	1.54	76	0.9
8664	Soil	<0.05	0.44	30	0.58	1.20	81	0.9
8665	Soil	<0.05	0.21	15	0.55	0.59	33	<0.5
8666	Soil	<0.05	0.25	18	0.50	0.79	39	<0.5
8667	Soil	<0.05	0.46	26	0.87	1.39	74	<0.5
8668	Soil	<0.05	0.11	5	<0.05	0.30	14	<0.5

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11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
8669	Soil	<0.05	0.54	24	1.01	1.69	81	<0.5
8670	Soil	<0.05	0.60	26	1.22	1.56	93	0.6
8671	Soil	<0.05	0.38	17	0.70	1.19	48	<0.5
8672	Soil	<0.05	0.23	11	1.24	0.80	23	<0.5
8673	Soil	<0.05	0.52	34	0.85	1.51	78	<0.5
8674	Soil	<0.05	0.90	23	0.47	2.41	73	0.9
8675	Soil	<0.05	0.49	20	0.35	1.29	66	1.3
8676	Soil	<0.05	0.53	23	0.86	1.21	79	0.8
8677	Soil	<0.05	0.63	26	0.81	1.42	87	1.3
8678	Soil	<0.05	1.11	18	0.31	2.16	92	0.7
8679	Soil	<0.05	1.11	28	0.72	2.67	97	1.5
2224	Soil	<0.05	4.16	34	0.22	3.24	105	2.8
2225	Soil	<0.05	2.23	49	0.20	2.99	130	1.9
2226	Soil	<0.05	1.44	46	0.31	2.58	92	1.5
2227	Soil	<0.05	2.80	33	0.21	2.86	99	2.1
2228	Soil	<0.05	3.78	32	0.23	3.84	111	2.8
2229	Soil	<0.05	1.96	36	0.22	2.51	100	1.8
8680	Soil	<0.05	0.86	23	0.54	1.55	85	1.0
8681	Soil	<0.05	1.10	22	0.31	3.02	66	4.1
8682	Soil	<0.05	2.34	28	0.29	3.54	107	4.0
8683	Soil	<0.05	1.27	28	0.32	4.15	93	4.6
8684	Soil	<0.05	0.86	30	0.32	3.06	100	4.3
8685	Soil	<0.05	0.98	19	0.46	3.08	79	3.3
8686	Soil	<0.05	2.55	32	0.26	4.20	105	3.5
8687	Soil	<0.05	2.90	28	0.17	3.43	80	3.3
8688	Soil	<0.05	2.36	36	0.45	4.24	102	3.8
8689	Soil	<0.05	4.66	32	0.17	3.84	110	4.1
8690	Soil	<0.05	2.19	33	0.21	2.81	112	2.2
8691	Soil	<0.05	6.32	28	0.19	4.56	96	3.2
8692	Soil	<0.05	3.25	34	0.90	3.96	103	3.6
8693	Soil	<0.05	4.71	44	0.21	3.13	126	2.4
8694	Soil	<0.05	8.73	33	0.25	9.91	96	3.6
8695	Soil	<0.05	7.76	29	0.24	10.65	122	3.9
8696	Soil	<0.05	4.88	27	0.21	5.97	111	3.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
4670	Soil		0.37	0.82	121.8	34	0.18	0.48	<0.01	0.12	37.11	5.8	11	0.43	17.5
4670 Dup			0.34	0.81	121.8	34	0.16	0.47	<0.01	0.12	38.67	5.6	11	0.43	17.6
QCV1110-00467-0002-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.43	1.98	7.8	39	0.44	8.11	0.26	0.21	75.34	20.8	34	0.64	>10000
4691	Soil		0.12	1.70	78.4	27	0.19	0.43	0.01	0.13	40.09	9.1	26	1.08	27.6
4691 Dup			0.11	1.67	83.0	27	0.23	0.42	0.01	0.12	40.56	9.2	25	1.12	26.4
QCV1110-00467-0005-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.47	2.08	7.5	40	0.49	8.34	0.27	0.22	68.58	21.7	33	0.64	>10000
5129	Soil		0.12	1.72	450.6	31	0.41	0.68	0.05	0.16	25.55	13.9	26	0.92	35.5
5129 Dup			0.12	1.72	455.0	30	0.45	0.67	0.05	0.16	32.85	14.4	26	0.94	35.9
QCV1110-00467-0008-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-OREAS94-2A expected			3.42					8.77				22.9			11300
STD-OREAS94-2A result			3.51	1.91	7.7	41	0.58	8.74	0.28	0.20	73.53	21.5	51	0.66	>10000
5147	Soil		0.22	1.84	133.3	41	0.47	0.54	0.39	0.22	30.76	14.6	25	1.17	47.5
5147 Dup			0.24	1.82	139.1	40	0.48	0.53	0.43	0.23	30.15	15.3	25	1.24	46.6
QCV1110-00467-0011-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
8661	Soil		0.11	0.87	249.5	28	0.13	0.28	<0.01	0.10	25.69	2.9	12	0.52	21.7
8661 Dup			0.11	0.89	260.3	29	0.13	0.28	<0.01	0.12	27.67	3.0	13	0.54	22.2
QCV1110-00467-0014-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
8679	Soil		0.16	1.55	256.7	33	0.34	0.69	0.13	0.20	29.99	12.3	20	1.29	39.7
8679 Dup			0.17	1.52	259.0	33	0.40	0.75	0.17	0.23	35.16	13.8	20	1.55	38.8
QCV1110-00467-0017-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100	1.20	256.0	39	0.18	5.47	0.54	29.11	21.32	11.6	32	0.31	6295.6
8691	Soil		0.26	1.53	194.8	45	0.47	0.46	1.07	0.28	18.89	13.0	21	1.84	41.2
8691 Dup			0.26	1.56	204.2	46	0.44	0.46	1.16	0.30	17.00	13.4	22	1.96	41.3
QCV1110-00467-0020-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
QCV1110-00467-0021-BLK			<0.01	<0.01	<0.1	<5	<0.05	<0.01	<0.01	<0.01	<0.02	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47		6930.0							9.5			27.1
STD-DS-1 result			0.46		7283.7		0.49	0.07	5.81	1.11	45.44	9.4	20	1.60	27.6
4670	Soil	0.044													
4670 Dup		0.052													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.406													
4691	Soil	0.027													
4691 Dup		0.030													
QCV1110-00468-0004-BLK		<0.005													
5129	Soil	0.598													
5129 Dup		0.649													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-AA g/ton 0.005	Ag 50-AR-UT ppm 0.01	Al 50-AR-UT % 0.01	As 50-AR-UT ppm 0.1	Ba 50-AR-UT ppm 5	Be 50-AR-UT ppm 0.05	Bi 50-AR-UT ppm 0.01	Ca 50-AR-UT % 0.01	Cd 50-AR-UT ppm 0.01	Ce 50-AR-UT ppm 0.02	Co 50-AR-UT ppm 0.1	Cr 50-AR-UT ppm 1	Cs 50-AR-UT ppm 0.05	Cu 50-AR-UT ppm 0.2
STD-OxD87 expected		0.417													
STD-OxD87 result		0.418													
5147	Soil	0.034													
5147 Dup		0.051													
QCV1110-00468-0008-BLK		<0.005													
8661	Soil	0.029													
8661 Dup		0.028													
QCV1110-00468-0012-BLK		<0.005													
QCV1110-00468-0014-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-AR-UT % 0.01	Ga 50-AR-UT ppm 0.05	Ge 50-AR-UT ppm 0.05	Hf 50-AR-UT ppm 0.02	In 50-AR-UT ppm 0.01	K 50-AR-UT % 0.01	La 50-AR-UT ppm 0.2	Li 50-AR-UT ppm 0.1	Mg 50-AR-UT % 0.01	Mn 50-AR-UT ppm 1	Mo 50-AR-UT ppm 0.05	Na 50-AR-UT % 0.01	Nb 50-AR-UT ppm 0.05	Ni 50-AR-UT ppm 0.2
4670	Soil	2.62	11.01	<0.05	<0.02	0.01	0.02	11.0	9.8	0.16	174	0.80	<0.01	0.66	13.0
4670 Dup		2.67	13.25	<0.05	<0.02	0.01	0.02	11.5	9.8	0.16	175	0.84	<0.01	0.61	12.8
QCV1110-00467-0002-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.21	13.16	0.05	0.69	1.08	0.24	21.0	14.2	1.12	574	1.16	0.01	0.17	36.4
4691	Soil	4.15	12.65	<0.05	0.06	0.02	0.02	12.7	37.2	0.62	348	0.83	<0.01	0.64	26.9
4691 Dup		4.09	16.67	<0.05	0.06	0.02	0.02	13.0	38.4	0.61	345	0.91	<0.01	0.70	27.3
QCV1110-00467-0005-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		4.35	13.80	<0.05	0.85	1.11	0.25	26.4	15.5	1.17	614	1.21	0.01	0.18	38.6
5129	Soil	4.11	14.62	<0.05	0.14	0.03	0.02	11.0	42.9	0.66	533	0.76	<0.01	0.24	33.8
5129 Dup		4.00	10.87	<0.05	0.12	0.03	0.02	11.4	44.9	0.66	526	0.77	<0.01	0.25	34.5
QCV1110-00467-0008-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-OREAS94-2A expected															
STD-OREAS94-2A result		5.97	7.91	0.07	1.36	1.13	0.22	37.2	16.7	1.10	841	1.11	0.01	0.18	38.9
5147	Soil	3.75	9.01	<0.05	0.31	0.02	0.03	14.7	54.3	0.74	495	0.61	<0.01	0.21	36.1
5147 Dup		3.66	10.99	<0.05	0.29	0.02	0.03	15.3	57.1	0.73	492	0.64	<0.01	0.22	36.9
QCV1110-00467-0011-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8661	Soil	2.55	7.98	<0.05	0.02	<0.01	0.02	8.6	11.4	0.25	189	0.43	<0.01	0.12	9.7
8661 Dup		2.63	5.12	<0.05	<0.02	<0.01	0.02	8.8	12.3	0.26	194	0.48	<0.01	0.14	9.7
QCV1110-00467-0014-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
8679	Soil	3.74	11.19	<0.05	0.10	0.02	0.03	9.4	37.5	0.57	375	0.54	<0.01	0.13	30.4
8679 Dup		3.69	11.46	0.06	2.32	0.02	0.03	10.7	42.4	0.56	372	0.68	<0.01	0.24	35.6
QCV1110-00467-0017-BLK		<0.01	0.09	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		4.80	10.37	0.08	0.34	0.47	0.08	3.7	8.7	0.78	1693	22.70	0.06	0.15	25.8
8691	Soil	3.01	11.47	<0.05	0.19	0.02	0.02	4.3	46.1	0.61	476	0.64	<0.01	0.27	32.6
8691 Dup		3.02	5.43	<0.05	0.19	0.02	0.02	4.6	46.7	0.62	489	0.75	<0.01	0.30	33.8
QCV1110-00467-0020-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
QCV1110-00467-0021-BLK		<0.01	<0.05	<0.05	<0.02	<0.01	<0.01	<0.2	<0.1	<0.01	<1	<0.05	<0.01	<0.05	<0.2
STD-DS-1 expected										2.76					48.7
STD-DS-1 result		2.64	3.08	<0.05	0.22	0.05	0.11	11.2	1.9	2.66		4.48	<0.01	0.05	45.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-AR-UT ppm 5	Pb 50-AR-UT ppm 0.2	Rb 50-AR-UT ppm 0.1	Re 50-AR-UT ppm 0.01	S 50-AR-UT % 0.01	Sb 50-AR-UT ppm 0.05	Sc 50-AR-UT ppm 0.1	Se 50-AR-UT ppm 0.2	Sn 50-AR-UT ppm 0.2	Sr 50-AR-UT ppm 0.2	Ta 50-AR-UT ppm 0.01	Te 50-AR-UT ppm 0.01	Th 50-AR-UT ppm 0.2	Ti 50-AR-UT % 0.005
4670	Soil	529	23.1	3.8	<0.01	0.01	0.68	0.7	0.8	0.4	3.3	<0.01	0.16	3.5	<0.005
4670 Dup		531	24.8	3.6	<0.01	0.01	0.67	0.7	0.6	0.3	3.2	<0.01	0.13	3.6	<0.005
QCV1110-00467-0002-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		641	29.0	12.5	<0.01	1.33	1.84	1.9	12.9	16.1	11.5	<0.01	0.10	18.1	0.018
4691	Soil	488	24.8	3.7	<0.01	0.01	0.92	1.4	0.7	0.2	3.5	<0.01	0.15	5.4	<0.005
4691 Dup		488	25.4	3.7	<0.01	0.01	0.95	1.4	0.9	0.3	3.5	<0.01	0.17	5.3	<0.005
QCV1110-00467-0005-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		625	28.6	13.0	<0.01	1.33	1.80	2.5	13.7	19.6	11.9	<0.01	0.15	23.2	0.020
5129	Soil	398	37.9	2.8	<0.01	0.01	1.24	2.2	0.6	0.2	6.3	<0.01	0.17	8.7	<0.005
5129 Dup		389	38.2	2.9	<0.01	0.01	1.23	2.3	0.8	0.2	6.6	<0.01	0.23	8.5	<0.005
QCV1110-00467-0008-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-OREAS94-2A expected			30.9				1.64		12.7	16.4					
STD-OREAS94-2A result		768	29.6	12.9	<0.01	1.51	1.78	3.5	13.0	26.4	12.2	<0.01	0.17	33.2	0.024
5147	Soil	514	36.6	3.6	<0.01	0.02	0.81	3.9	0.8	0.3	29.3	<0.01	0.19	13.4	<0.005
5147 Dup		504	38.7	3.8	<0.01	0.02	0.86	4.2	0.7	0.3	30.8	<0.01	0.27	13.8	<0.005
QCV1110-00467-0011-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
8661	Soil	425	15.6	1.7	<0.01	0.02	0.57	0.6	<0.2	<0.2	2.7	<0.01	0.02	2.1	<0.005
8661 Dup		438	17.0	1.8	<0.01	0.02	0.62	0.7	<0.2	<0.2	2.7	<0.01	0.03	2.1	<0.005
QCV1110-00467-0014-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
8679	Soil	479	42.2	2.8	<0.01	0.02	0.82	1.7	<0.2	<0.2	14.6	<0.01	0.05	7.7	<0.005
8679 Dup		480	47.4	3.3	<0.01	0.02	0.97	2.0	<0.2	<0.2	17.1	<0.01	0.07	7.6	<0.005
QCV1110-00467-0017-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		437	>10000	3.2	<0.01	2.35	447.46	4.1	1.5	1.6	26.0	<0.01	<0.01	1.3	0.065
8691	Soil	568	32.2	3.5	<0.01	0.06	0.77	1.7	<0.2	<0.2	67.9	<0.01	<0.01	4.3	<0.005
8691 Dup		564	33.1	3.7	<0.01	0.06	0.83	1.7	<0.2	<0.2	71.4	<0.01	<0.01	4.2	<0.005
QCV1110-00467-0020-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
QCV1110-00467-0021-BLK		<5	<0.2	<0.1	<0.01	<0.01	<0.05	<0.1	<0.2	<0.2	<0.2	<0.01	<0.01	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		317	13.0	5.1	<0.01	2.66	97.06	8.7	<0.2	1.0	66.6	<0.01	0.03	3.6	<0.005

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Certificate of Analysis

11-360-07873-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-AR-UT ppm 0.05	U 50-AR-UT ppm 0.05	V 50-AR-UT ppm 1	W 50-AR-UT ppm 0.05	Y 50-AR-UT ppm 0.05	Zn 50-AR-UT ppm 1	Zr 50-AR-UT ppm 0.5
4670	Soil	<0.05	0.49	23	0.94	1.14	53	<0.5
4670 Dup		<0.05	0.50	23	1.03	1.15	53	<0.5
QCV1110-00467-0002-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.09	1.66	47	0.38	8.28	169	14.9
4691	Soil	<0.05	0.49	37	0.40	1.12	86	1.3
4691 Dup		<0.05	0.49	36	0.42	1.17	85	1.4
QCV1110-00467-0005-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.09	1.77	49	0.41	10.53	172	14.7
5129	Soil	<0.05	0.88	33	0.74	2.52	102	1.6
5129 Dup		<0.05	0.87	33	0.31	2.62	102	1.7
QCV1110-00467-0008-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-OREAS94-2A expected							167	
STD-OREAS94-2A result		0.10	1.91	61	0.42	14.69	197	16.4
5147	Soil	<0.05	3.73	34	0.22	7.22	108	3.0
5147 Dup		<0.05	3.70	33	2.26	7.51	106	3.2
QCV1110-00467-0011-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
8661	Soil	<0.05	0.41	17	0.21	0.87	58	<0.5
8661 Dup		<0.05	0.42	17	0.28	0.91	60	<0.5
QCV1110-00467-0014-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
8679	Soil	<0.05	1.11	28	0.72	2.67	97	1.5
8679 Dup		<0.05	1.15	27	0.74	2.66	99	1.7
QCV1110-00467-0017-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.23	0.69	59	0.23	5.96	4968	5.8
8691	Soil	<0.05	6.32	28	0.19	4.56	96	3.2
8691 Dup		<0.05	6.30	28	0.17	4.84	96	3.4
QCV1110-00467-0020-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
QCV1110-00467-0021-BLK		<0.05	<0.05	<1	<0.05	<0.05	<1	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.19	1.22	110	5.63	10.20	209	3.6

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11-360-09199-01

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#200 - 11620 Horseshoe Way
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Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Client Reference: **Re:11-360-06949-01**
Description: **Van Gogh**

Date Received: 11/04/2011
Date Completed: 12/05/2011
Invoice:

Location	Samples	Type	Preparation Description
Vancouver, BC	15	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	Hg-AR-TR-CVAA	Hg, AQR, CVAA, Trace Levels

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-09199-01

Northern Tiger Resources
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Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
1201	Pulp	0.61
1202	Pulp	0.78
1203	Pulp	0.17
1204	Pulp	0.32
1205	Pulp	0.58
1206	Pulp	<0.01
360	Pulp	0.18
361	Pulp	0.20
362	Pulp	0.43
348	Pulp	2.47
349	Pulp	0.97
350	Pulp	0.45
3501	Pulp	0.14
1291	Pulp	0.02
1300	Pulp	0.04

3Ace Property, Northern Tiger Resources Inc.
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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Hg Hg-AR-TR-CVAA ppm 0.01
1201	Pulp	0.61
1201 Dup		0.65
QCV1111-00444-0002-BLK		<0.01
QCV1111-00444-0003-BLK		<0.01
STD-DS-1 expected		82.00
STD-DS-1 result		77.49

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Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 8: Appendix F (Cont.): Drill Core Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)
Certificates of Analysis
Drill Core

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Certificate of Analysis

11-360-05626-01

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Edmonton, AB T5S 1K7
EMail: mdebnam@firestoneventures.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Jim McFaull**

Project: **3 ACE**
Purchase Order: **Core 1**
Description: **3 ACE**

Date Received: 08/03/2011
Date Completed: 08/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	59	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-05626-01

Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27701	Core	0.181	0.50	0.80	77.5	50	0.24	0.09	<0.01	0.68	8.05	2.1	250	0.62	12.0
27702	Core	0.233	8.55	2.49	206.4	104	0.48	0.11	0.02	0.96	20.90	4.3	198	1.36	16.6
27703	Core	0.179	0.74	2.21	91.2	80	0.44	0.09	0.05	0.75	23.05	7.3	248	1.27	13.1
27704	Core	0.111	0.41	2.49	172.3	101	0.42	0.10	0.05	0.60	24.52	5.9	208	1.31	12.6
27705	Core	0.129	0.47	2.74	143.2	148	0.70	0.24	0.03	0.38	28.09	4.9	231	1.85	12.0
27706	Core	0.087	2.14	2.66	42.0	113	0.60	0.11	0.21	0.13	27.20	6.3	171	1.62	11.9
27707	Core	0.132	0.29	2.85	13.6	116	0.60	0.13	0.11	0.12	31.25	6.1	191	1.54	12.1
27708	Core	0.102	0.26	3.04	42.2	129	0.58	0.13	0.10	0.15	36.17	7.0	196	1.62	14.5
27709	Core	0.098	0.30	3.29	11.9	133	0.74	0.12	0.12	0.10	39.73	7.2	199	1.69	12.7
27710	Core	6.969	0.93	3.02	920.1	157	0.78	0.63	>10	4.31	29.40	6.5	104	6.81	42.7
27711	Core	0.173	0.23	3.25	9.3	134	0.54	0.12	0.14	0.18	34.30	8.0	209	1.65	15.7
27712	Core	0.139	0.25	3.19	121.0	152	0.79	0.12	0.06	0.25	38.54	7.4	200	1.87	14.3
27713	Core	0.145	0.23	2.87	64.9	125	0.74	0.12	0.06	0.17	34.76	6.2	172	1.63	11.5
27714	Core	0.169	0.11	3.72	124.5	198	0.89	0.15	0.06	0.26	43.24	6.1	226	2.04	15.2
27715	Core	0.091	0.12	0.04	2.7	16	<0.05	0.07	>10	0.06	1.11	1.5	7	0.13	4.7
27716	Core	0.222	0.20	4.22	256.5	268	1.14	0.14	0.05	0.54	48.06	5.2	201	2.55	17.5
27717	Core	0.173	0.15	2.58	119.8	104	0.53	0.09	0.06	0.44	26.06	6.7	190	1.58	12.0
27718	Core	0.275	0.39	1.54	1384.7	99	0.48	0.09	0.05	3.73	20.44	13.2	198	1.09	14.8
27719	Core	0.296	0.11	1.59	575.1	99	0.52	0.08	0.03	0.64	22.65	6.5	203	1.19	7.5
27720	Core	0.180	0.07	1.64	248.8	77	0.50	0.09	0.31	0.53	19.70	3.9	225	0.86	7.2
27721	Core	0.216	0.43	0.83	134.3	39	0.26	0.06	0.02	0.49	7.99	1.9	268	0.63	8.4
27722	Core	0.125	0.47	2.74	243.4	112	0.59	0.09	0.06	0.66	26.26	6.6	197	1.38	10.7
27723	Core	0.231	0.15	2.80	73.9	118	0.57	0.09	0.07	0.15	30.06	4.7	195	1.40	9.8
27724	Core	0.163	0.06	2.69	59.4	114	0.50	0.09	0.07	0.19	29.20	5.0	190	1.46	9.9
27725	Core	0.228	0.11	2.44	52.1	114	0.51	0.10	0.05	0.15	26.51	4.6	212	1.42	8.8
27726	Core	0.133	0.06	2.78	12.2	137	0.52	0.10	0.17	0.04	29.66	4.4	179	1.59	8.5
27727	Core	0.226	0.12	2.59	102.7	120	0.61	0.10	0.11	0.14	26.33	4.9	198	1.33	8.3
27728	Core	0.146	0.14	2.48	55.0	113	0.43	0.10	0.06	0.04	29.31	4.9	234	1.50	7.1
27729	Core	0.141	0.09	2.78	110.3	129	0.63	0.09	0.06	0.12	31.25	4.3	214	1.44	6.7
27730	Core	0.113	0.04	2.33	66.8	113	0.49	0.07	0.04	0.09	26.44	4.5	205	1.25	5.5
27731	Core	0.143	0.08	2.55	19.7	107	0.41	0.09	0.24	0.06	30.85	4.9	211	1.38	6.3
27732	Core	0.126	0.13	2.07	13.7	90	0.46	0.08	0.67	0.03	24.95	3.5	242	1.12	5.6
27733	Core	0.015	0.04	2.27	78.9	99	0.57	0.09	0.06	0.09	29.84	5.1	213	1.39	7.1
27734	Core	0.013	0.01	2.22	102.6	95	0.56	0.09	0.06	0.12	25.09	3.6	250	1.11	6.2
27735	Core	0.008	1.22	1.70	156.5	69	0.40	0.11	0.05	0.18	17.85	4.0	259	0.85	7.4
27736	Core	<0.005	0.21	2.40	111.1	102	0.61	0.10	0.07	0.26	24.66	4.8	225	1.31	7.6
27737	Core	0.007	0.03	1.76	39.2	64	0.30	0.08	0.07	0.05	20.36	4.5	209	1.23	6.7
27738	Core	<0.005	0.02	1.88	22.5	57	0.34	0.08	0.31	0.06	20.78	5.2	223	1.02	6.0
27739	Core	<0.005	0.04	2.01	11.4	53	0.29	0.10	0.61	0.03	24.58	6.4	181	0.86	8.7
27740	Core	0.008	0.14	>10	53.9	737	3.30	0.46	0.20	0.07	99.34	17.8	171	6.15	51.2

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Certificate of Analysis

11-360-05626-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27741	Core	<0.005	0.04	2.85	15.2	101	0.62	0.10	0.16	0.04	20.33	5.6	199	1.12	9.0
27742	Core	<0.005	4.67	4.41	51.7	252	1.35	0.15	0.29	0.09	50.12	6.4	220	2.53	24.4
27743	Core	<0.005	0.48	1.36	101.4	54	0.35	0.07	0.04	0.13	14.94	2.3	273	0.67	5.9
27744	Core	<0.005	0.22	2.23	126.7	105	0.45	0.10	0.06	0.36	28.99	4.5	223	1.24	7.2
27745	Core	<0.005	0.03	2.20	107.6	95	0.48	0.07	0.07	0.32	25.99	5.4	227	1.32	5.1
27746	Core	0.081	<0.01	0.74	89.6	19	0.17	0.06	0.05	0.19	21.32	2.9	258	0.33	4.4
27747	Core	<0.005	0.07	2.38	70.9	99	0.52	0.08	0.08	0.10	30.23	4.6	263	1.65	9.8
27748	Core	0.009	<0.01	2.07	107.1	83	0.45	0.08	0.09	0.22	24.93	5.4	263	1.52	6.5
27749	Core	<0.005	0.14	3.28	86.0	156	0.76	0.07	0.08	0.08	36.59	6.3	207	2.43	9.8
27750	Core	0.007	0.06	4.31	296.8	160	0.91	0.06	0.09	0.15	54.14	7.5	208	3.19	6.1
27751	Core	<0.005	<0.01	1.96	159.8	78	0.38	0.12	0.31	0.04	20.10	3.2	284	1.65	6.6
27752	Core	0.019	0.20	2.18	129.9	100	0.60	0.17	0.63	0.08	21.35	5.7	257	2.09	8.0
27753	Core	0.133	0.13	2.86	1306.4	145	0.93	0.09	0.39	0.08	28.27	3.5	226	3.01	10.6
27754	Core	0.627	0.13	2.59	1552.9	134	0.86	0.12	0.53	0.12	29.87	4.5	238	2.48	9.9
27755	Core	0.057	0.09	3.72	890.1	107	0.81	0.06	0.56	0.20	35.98	5.0	224	2.20	12.3
27756	Core	6.677	0.62	3.02	929.4	162	0.91	0.67	>10	4.23	29.56	7.1	106	7.14	37.4
27757	Core	0.047	0.08	3.43	738.2	108	0.72	0.10	0.77	0.33	33.92	6.3	254	2.12	12.2
27758	Core	0.676	0.59	>10	758.5	712	4.75	1.16	0.13	0.26	46.24	31.2	197	10.82	38.5
27759	Core	0.101	0.11	2.73	264.8	154	1.13	0.09	1.80	0.08	24.72	3.7	235	3.94	9.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27701	Core	0.51	2.00	1.58	0.5	0.01	0.27	3.8	3.1	0.02	113	0.96	0.02	0.5	4.8
27702	Core	1.12	6.00	1.18	1.0	0.01	0.58	9.2	10.4	0.12	75	0.70	0.04	0.8	13.1
27703	Core	1.21	5.16	1.09	1.1	0.01	0.43	10.5	14.0	0.18	210	1.12	0.19	0.8	11.2
27704	Core	1.37	5.45	0.91	1.1	0.01	0.54	10.9	13.3	0.14	128	0.65	0.04	0.8	10.9
27705	Core	1.22	6.96	1.02	1.5	0.02	0.77	13.4	14.2	0.10	123	0.88	0.07	0.9	10.5
27706	Core	1.52	6.25	1.01	1.2	0.02	0.54	11.8	19.3	0.25	396	0.53	0.32	0.7	14.1
27707	Core	1.53	6.37	1.03	1.5	0.02	0.59	14.0	23.1	0.30	213	0.73	0.44	1.0	13.3
27708	Core	1.66	6.83	1.03	1.8	0.01	0.64	16.8	24.1	0.33	303	0.52	0.37	1.1	15.8
27709	Core	1.86	7.48	0.91	1.9	0.01	0.65	17.6	27.2	0.37	325	0.73	0.47	1.3	16.5
27710	Core	1.35	6.51	0.22	2.1	0.07	1.18	17.3	8.6	0.77	289	12.01	<0.01	7.4	62.6
27711	Core	1.86	7.47	0.98	1.8	0.02	0.64	15.2	23.1	0.37	331	0.61	0.44	1.0	17.2
27712	Core	1.71	7.98	1.01	1.9	0.02	0.70	17.5	22.1	0.27	194	0.77	0.12	1.2	15.7
27713	Core	1.63	6.77	0.95	1.6	0.02	0.61	15.6	20.1	0.27	181	0.52	0.06	1.0	13.9
27714	Core	1.84	9.65	1.03	2.5	0.02	0.93	20.2	23.8	0.32	167	0.72	0.08	1.4	16.5
27715	Core	0.47	0.19	<0.05	0.2	<0.01	0.01	0.6	0.9	>10	230	0.14	<0.01	0.3	<0.2
27716	Core	1.40	11.06	1.02	2.7	0.03	1.26	22.3	18.5	0.20	145	0.60	0.11	1.7	13.6
27717	Core	1.49	5.96	1.11	1.3	0.02	0.59	11.7	12.4	0.22	139	0.75	0.09	1.0	11.7
27718	Core	4.13	3.62	0.62	0.6	0.02	0.32	7.8	4.8	0.04	983	0.77	0.03	0.5	21.1
27719	Core	1.81	4.04	0.34	1.0	0.01	0.41	9.6	9.5	0.03	426	0.76	0.03	0.8	11.8
27720	Core	1.11	3.68	0.92	0.8	0.01	0.36	8.3	8.8	0.07	126	0.75	0.03	0.5	8.0
27721	Core	0.51	2.07	0.93	0.5	<0.01	0.24	3.7	3.3	0.02	38	0.70	0.02	0.5	6.0
27722	Core	1.44	6.25	0.81	1.3	0.01	0.59	11.8	13.3	0.19	172	0.52	0.04	1.0	12.5
27723	Core	1.42	6.56	0.48	1.5	0.01	0.60	13.4	18.4	0.28	136	0.76	0.23	1.2	12.6
27724	Core	1.34	6.25	0.58	1.5	0.01	0.60	12.9	18.6	0.27	242	0.54	0.24	0.9	12.9
27725	Core	1.22	5.42	0.90	1.3	0.01	0.61	11.7	18.0	0.24	125	0.73	0.18	0.8	10.8
27726	Core	1.34	6.33	0.79	1.4	0.01	0.71	13.1	19.2	0.28	187	0.45	0.21	0.9	10.8
27727	Core	1.35	5.84	0.83	1.3	0.01	0.61	11.5	20.0	0.25	105	0.66	0.07	0.9	11.1
27728	Core	1.39	5.76	1.13	1.2	<0.01	0.59	12.9	20.6	0.26	144	0.55	0.13	0.8	12.3
27729	Core	1.43	6.42	0.48	1.4	0.01	0.65	13.7	21.0	0.28	100	0.61	0.08	1.0	11.1
27730	Core	1.19	5.46	1.08	1.2	0.01	0.60	12.0	18.7	0.22	155	0.52	0.17	0.8	10.9
27731	Core	1.33	5.73	1.01	1.3	0.01	0.56	13.8	21.4	0.26	265	0.48	0.28	0.9	11.7
27732	Core	1.05	4.64	0.95	1.2	0.01	0.49	11.2	16.0	0.20	212	0.72	0.26	0.7	8.7
27733	Core	1.18	5.15	0.94	1.2	0.01	0.50	13.1	16.0	0.22	170	0.51	0.06	0.8	10.2
27734	Core	1.14	4.98	1.00	1.2	0.01	0.50	11.3	15.3	0.20	110	0.74	0.07	0.7	8.7
27735	Core	0.99	3.94	1.17	1.3	<0.01	0.36	8.1	9.8	0.13	134	0.64	0.04	0.8	9.1
27736	Core	1.36	5.46	0.91	1.3	0.01	0.51	11.1	13.7	0.12	197	0.75	0.07	0.7	10.1
27737	Core	1.30	3.92	1.14	0.9	<0.01	0.36	8.9	26.5	0.12	231	0.55	0.17	0.6	10.1
27738	Core	1.70	4.22	1.18	0.9	0.01	0.31	9.5	27.7	0.24	280	0.75	0.29	0.5	11.2
27739	Core	2.16	4.60	0.98	1.0	0.01	0.29	11.5	32.8	0.43	336	0.53	0.37	0.6	14.5
27740	Core	4.69	29.17	1.80	4.0	0.08	3.38	50.1	57.9	0.86	254	0.64	0.19	4.0	46.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27741	Core	2.31	6.15	1.23	0.9	0.01	0.56	9.7	25.8	0.41	236	0.42	0.42	0.6	15.1
27742	Core	1.77	10.91	1.30	2.3	0.02	1.33	24.4	24.8	0.29	231	0.69	0.19	1.2	15.6
27743	Core	0.85	3.00	1.16	0.6	<0.01	0.27	6.7	10.2	0.11	111	0.62	0.03	0.4	8.4
27744	Core	1.17	5.16	1.09	1.2	0.01	0.50	13.1	13.8	0.10	199	0.71	0.04	0.8	10.1
27745	Core	1.24	4.88	1.04	1.1	0.01	0.49	12.0	16.0	0.11	398	0.51	0.05	0.6	10.7
27746	Core	0.52	1.23	1.32	1.1	<0.01	0.09	9.7	8.1	0.02	101	0.70	0.01	0.5	6.1
27747	Core	1.07	5.22	1.05	1.4	0.01	0.54	13.8	11.7	0.09	224	0.72	0.07	0.8	20.8
27748	Core	1.09	4.53	1.10	1.1	0.01	0.45	11.1	10.6	0.04	457	0.84	0.04	0.6	9.3
27749	Core	1.52	8.23	0.86	1.7	0.02	0.81	16.5	16.7	0.11	308	0.53	0.24	0.9	13.9
27750	Core	1.92	9.37	1.12	2.4	0.02	0.85	25.0	19.3	0.15	417	0.68	0.97	1.3	16.5
27751	Core	1.12	4.51	0.95	0.8	0.01	0.43	8.8	14.9	0.09	587	0.64	0.28	0.6	9.1
27752	Core	1.24	5.06	1.00	1.0	<0.01	0.57	9.6	19.2	0.13	353	0.77	0.16	0.7	8.6
27753	Core	1.58	7.83	1.29	1.3	0.02	0.82	13.1	40.1	0.22	439	0.49	0.21	0.7	10.1
27754	Core	1.40	7.52	1.30	1.5	0.01	0.74	13.7	17.4	0.20	355	0.72	0.35	0.8	9.4
27755	Core	1.72	7.11	1.26	1.5	0.02	0.59	16.8	17.0	0.32	503	0.48	1.36	0.7	13.5
27756	Core	1.35	6.48	0.25	2.0	0.06	1.19	17.6	9.0	0.77	299	11.73	<0.01	7.1	65.9
27757	Core	1.71	6.49	1.26	1.5	0.02	0.58	15.4	12.2	0.40	551	0.77	1.25	0.7	13.3
27758	Core	4.45	34.72	1.59	3.1	0.08	4.63	24.0	17.2	0.36	247	1.26	0.36	4.1	44.5
27759	Core	2.78	6.96	1.16	0.9	0.02	0.84	12.3	58.7	0.90	1518	0.82	0.05	0.7	12.3

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27701	Core	12	7.8	14.2	<0.002	0.028	0.55	0.8	3.5	0.7	7.1	<0.05	<0.05	2.3	0.011
27702	Core	49	4.7	31.9	<0.002	<0.01	0.56	2.3	3.6	0.8	10.7	0.11	<0.05	5.5	0.021
27703	Core	63	16.5	24.6	0.004	<0.01	0.68	2.1	3.4	0.7	11.8	0.10	<0.05	5.8	0.021
27704	Core	65	9.3	28.5	<0.002	<0.01	0.54	2.2	2.1	0.7	12.3	0.10	<0.05	7.1	0.020
27705	Core	50	94.9	41.1	<0.002	<0.01	0.50	3.1	1.6	0.8	18.5	0.10	<0.05	8.0	0.028
27706	Core	83	11.6	29.4	<0.002	<0.01	0.37	2.8	2.0	0.6	21.5	0.10	<0.05	6.9	0.022
27707	Core	106	13.3	31.4	<0.002	<0.01	0.32	2.9	2.3	0.7	20.7	0.11	<0.05	8.5	0.027
27708	Core	93	11.7	34.5	0.003	<0.01	0.32	3.1	1.7	0.7	21.2	0.14	<0.05	10.9	0.035
27709	Core	112	10.2	36.0	<0.002	<0.01	0.36	3.5	<1.0	0.7	22.3	0.15	<0.05	10.4	0.037
27710	Core	4128	7.7	104.2	0.042	1.079	20.96	5.7	9.7	1.7	135.0	0.59	0.53	5.7	0.196
27711	Core	96	9.7	34.9	<0.002	<0.01	0.36	3.5	1.6	0.8	21.5	0.11	<0.05	9.6	0.031
27712	Core	84	14.1	42.4	<0.002	<0.01	0.41	3.6	1.9	0.7	20.7	0.13	<0.05	10.7	0.033
27713	Core	84	10.8	34.8	<0.002	<0.01	0.32	2.9	1.8	0.7	16.4	0.11	<0.05	10.4	0.028
27714	Core	86	8.9	52.8	<0.002	<0.01	0.49	4.5	2.2	0.9	23.0	0.22	<0.05	15.5	0.044
27715	Core	165	2.7	0.8	<0.002	<0.01	0.05	0.3	3.2	0.3	45.7	0.39	<0.05	0.2	<0.005
27716	Core	88	8.8	68.8	0.003	<0.01	0.52	5.2	1.9	1.1	27.3	0.20	<0.05	13.5	0.051
27717	Core	84	28.1	33.8	<0.002	<0.01	0.71	2.4	1.4	1.5	11.2	0.10	<0.05	6.9	0.027
27718	Core	114	11.3	18.4	0.003	<0.01	0.78	3.0	<1.0	0.5	9.7	0.06	<0.05	3.9	0.011
27719	Core	43	10.2	24.4	<0.002	<0.01	0.67	1.6	1.0	0.5	10.8	0.08	<0.05	6.1	0.022
27720	Core	1290	8.5	20.1	0.002	<0.01	0.44	1.6	<1.0	0.4	16.2	0.05	<0.05	4.6	0.014
27721	Core	19	14.8	14.2	<0.002	0.010	0.89	0.8	<1.0	0.9	5.2	<0.05	<0.05	2.4	0.010
27722	Core	72	12.9	32.3	<0.002	<0.01	0.77	2.5	<1.0	1.0	11.6	0.09	<0.05	7.0	0.027
27723	Core	86	11.5	32.8	<0.002	<0.01	0.36	2.5	1.6	0.6	15.9	0.11	<0.05	7.4	0.032
27724	Core	88	11.3	32.2	<0.002	<0.01	0.35	2.4	1.4	0.7	16.6	0.10	<0.05	7.2	0.026
27725	Core	66	7.6	31.8	0.002	<0.01	0.28	2.1	1.7	0.6	17.1	0.08	<0.05	6.7	0.025
27726	Core	83	10.6	35.0	<0.002	<0.01	0.26	2.5	1.6	0.6	21.1	0.09	<0.05	7.3	0.028
27727	Core	76	9.9	31.7	0.003	<0.01	0.24	2.4	<1.0	0.6	15.4	0.09	<0.05	7.4	0.027
27728	Core	80	5.7	31.2	<0.002	<0.01	0.27	2.3	1.8	0.6	17.1	0.07	<0.05	6.8	0.023
27729	Core	81	5.1	36.2	<0.002	<0.01	0.30	2.6	<1.0	0.7	17.6	0.10	<0.05	7.7	0.030
27730	Core	76	4.8	31.8	0.002	<0.01	0.27	2.2	<1.0	0.6	16.4	0.07	<0.05	6.7	0.024
27731	Core	81	5.0	29.3	<0.002	<0.01	0.28	2.4	1.3	0.6	24.2	0.09	<0.05	8.3	0.025
27732	Core	59	4.0	25.5	0.003	<0.01	0.30	1.9	<1.0	0.5	38.8	0.06	<0.05	6.8	0.020
27733	Core	72	7.2	28.7	<0.002	<0.01	0.38	2.0	1.3	0.6	14.3	0.08	<0.05	6.8	0.023
27734	Core	79	5.7	28.1	0.002	<0.01	0.41	2.0	<1.0	0.5	13.5	0.08	<0.05	7.8	0.022
27735	Core	61	9.0	20.5	<0.002	<0.01	0.56	1.6	1.2	0.6	9.2	0.14	<0.05	5.3	0.015
27736	Core	70	7.3	29.2	0.004	0.014	0.62	2.3	1.4	0.7	13.6	0.13	<0.05	7.2	0.018
27737	Core	63	4.5	20.1	0.002	0.072	0.79	1.7	<1.0	0.5	13.1	0.07	<0.05	5.7	0.016
27738	Core	83	7.9	18.0	0.003	0.031	0.71	1.9	<1.0	0.4	25.3	0.06	<0.05	6.1	0.013
27739	Core	124	14.4	17.1	<0.002	<0.01	0.59	2.1	1.4	0.5	38.0	0.06	<0.05	6.3	0.015
27740	Core	835	14.8	203.1	0.004	0.010	2.79	16.5	1.5	2.4	63.0	0.57	0.06	23.9	0.125

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11-360-05626-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27741	Core	100	11.3	28.1	0.003	<0.01	0.64	2.2	<1.0	0.5	19.6	0.07	<0.05	4.7	0.017
27742	Core	438	20.6	71.6	0.002	<0.01	1.00	5.6	1.9	1.1	35.0	0.16	<0.05	14.9	0.042
27743	Core	58	5.0	15.0	<0.002	<0.01	0.42	1.3	<1.0	0.4	8.0	<0.05	<0.05	4.2	0.011
27744	Core	89	9.1	27.8	<0.002	<0.01	0.56	2.3	<1.0	0.6	12.1	0.08	<0.05	7.7	0.023
27745	Core	75	9.4	27.0	<0.002	<0.01	0.53	2.3	<1.0	0.6	12.6	0.06	<0.05	7.3	0.018
27746	Core	198	4.6	4.8	<0.002	<0.01	0.47	0.9	1.6	0.3	6.8	<0.05	<0.05	5.6	0.013
27747	Core	78	8.2	30.7	<0.002	<0.01	0.64	2.1	<1.0	0.7	14.8	0.09	<0.05	8.2	0.020
27748	Core	89	8.2	25.9	0.002	<0.01	0.78	1.6	1.3	0.5	18.2	0.07	<0.05	6.8	0.016
27749	Core	88	8.6	45.9	<0.002	<0.01	0.59	3.7	<1.0	0.7	19.2	0.10	<0.05	9.3	0.030
27750	Core	225	5.9	49.3	0.006	<0.01	0.69	4.7	1.7	0.8	47.8	0.15	0.07	14.4	0.039
27751	Core	207	9.7	24.6	<0.002	<0.01	0.60	1.9	1.8	0.6	21.9	0.06	<0.05	4.8	0.014
27752	Core	396	9.7	29.0	<0.002	0.025	0.83	2.1	<1.0	0.7	28.0	0.08	0.09	5.0	0.018
27753	Core	119	8.8	43.7	<0.002	0.069	1.98	3.2	<1.0	0.9	40.7	0.08	<0.05	7.8	0.024
27754	Core	1026	9.1	44.3	<0.002	0.227	2.26	2.7	<1.0	0.9	56.6	0.09	<0.05	8.8	0.023
27755	Core	213	16.1	36.1	<0.002	0.450	1.90	2.6	1.1	1.3	99.6	0.08	<0.05	8.8	0.021
27756	Core	4226	6.2	108.5	0.038	1.095	20.41	6.0	9.1	1.7	143.6	0.59	0.49	6.2	0.196
27757	Core	159	15.9	33.3	0.002	0.322	1.90	2.7	<1.0	1.2	109.1	0.08	<0.05	9.1	0.021
27758	Core	185	38.6	263.7	0.002	3.228	10.24	20.3	1.7	3.4	100.1	0.49	0.42	17.0	0.143
27759	Core	260	8.0	50.8	<0.002	0.211	1.74	3.7	1.2	0.7	106.1	0.06	<0.05	5.8	0.022

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11-360-05626-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27701	Core	0.11	0.5	9	0.7	1.0	45	18.1
27702	Core	0.20	1.1	26	1.6	2.4	62	32.3
27703	Core	0.15	1.1	26	0.5	2.6	82	35.5
27704	Core	0.18	1.3	28	0.8	2.6	89	37.6
27705	Core	0.23	1.4	35	0.6	3.3	67	54.5
27706	Core	0.20	1.1	33	0.3	2.8	55	40.5
27707	Core	0.19	1.3	36	0.2	3.2	47	50.2
27708	Core	0.20	1.4	39	0.2	3.9	52	60.8
27709	Core	0.21	1.5	43	0.3	4.3	40	65.2
27710	Core	12.35	8.3	432	34.8	23.4	269	71.0
27711	Core	0.32	1.5	44	0.3	3.9	43	60.7
27712	Core	0.26	1.7	40	0.5	4.1	58	59.9
27713	Core	0.22	1.4	35	0.4	3.6	43	50.9
27714	Core	0.31	2.1	51	0.4	5.5	57	88.0
27715	Core	<0.02	0.5	281	0.2	0.8	14	1.6
27716	Core	0.41	2.1	55	0.9	6.0	69	91.5
27717	Core	0.20	1.2	30	0.6	3.2	90	46.0
27718	Core	0.12	1.8	15	5.1	5.8	303	25.9
27719	Core	0.13	1.3	16	1.8	4.3	124	37.4
27720	Core	0.11	0.9	18	1.3	4.1	53	30.8
27721	Core	0.08	0.5	8	2.2	1.1	17	17.3
27722	Core	0.19	1.3	31	1.6	3.5	68	46.2
27723	Core	0.18	1.1	34	0.4	3.5	52	50.1
27724	Core	0.19	1.2	32	0.3	3.3	49	48.1
27725	Core	0.19	1.1	29	0.3	2.9	41	48.4
27726	Core	0.19	1.2	34	0.2	3.4	30	54.3
27727	Core	0.17	1.2	32	0.3	3.3	43	49.0
27728	Core	0.18	0.9	31	0.3	3.0	34	44.6
27729	Core	0.19	1.3	34	0.3	3.5	45	53.7
27730	Core	0.16	1.0	29	0.3	3.0	35	45.3
27731	Core	0.15	1.1	31	0.2	3.3	32	50.5
27732	Core	0.14	1.0	24	0.3	3.4	17	41.7
27733	Core	0.16	1.1	27	0.3	3.2	29	42.6
27734	Core	0.14	1.1	25	0.5	2.8	31	42.4
27735	Core	0.12	0.7	19	0.7	2.2	35	30.3
27736	Core	0.14	1.2	25	1.5	2.8	55	39.8
27737	Core	0.12	1.0	19	0.6	2.4	28	33.3
27738	Core	0.09	1.0	23	0.5	2.5	31	29.2
27739	Core	0.08	1.1	28	0.4	3.1	41	34.0
27740	Core	1.14	4.8	150	2.1	10.0	105	131.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27741	Core	0.14	0.9	33	0.5	2.3	45	31.5
27742	Core	0.40	2.3	57	26.9	6.7	60	83.9
27743	Core	0.07	0.7	15	4.3	1.7	23	24.2
27744	Core	0.15	1.2	25	2.0	3.8	65	45.6
27745	Core	0.15	1.1	24	0.8	3.5	96	42.2
27746	Core	<0.02	1.1	6	1.0	3.9	37	40.2
27747	Core	0.17	1.4	24	0.9	3.4	33	47.3
27748	Core	0.13	1.2	20	1.4	3.0	63	37.4
27749	Core	0.23	1.6	39	1.0	4.6	51	61.5
27750	Core	0.27	2.1	48	1.3	6.0	63	84.5
27751	Core	0.13	1.1	21	0.6	3.4	18	29.6
27752	Core	0.16	1.2	24	1.0	3.7	21	39.2
27753	Core	0.24	1.1	34	1.6	3.6	23	46.8
27754	Core	0.24	1.4	32	1.5	4.9	21	51.3
27755	Core	0.18	1.3	37	1.5	4.2	48	53.5
27756	Core	12.77	8.5	437	35.5	24.1	272	75.4
27757	Core	0.28	1.4	36	1.4	4.1	55	53.3
27758	Core	1.51	3.7	164	5.3	6.1	91	103.4
27759	Core	0.30	0.9	44	1.6	3.7	50	28.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27701	Core		0.50	0.80	77.5	50	0.24	0.09	<0.01	0.68	8.05	2.1	250	0.62	12.0
27701 Dup			0.49	0.79	78.2	48	0.25	0.09	0.01	0.66	8.13	2.1	265	0.63	11.9
QCV1108-00326-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.45												937.9
27719	Core		0.11	1.59	575.1	99	0.52	0.08	0.03	0.64	22.65	6.5	203	1.19	7.5
27719 Dup			0.11	1.59	571.2	99	0.51	0.09	0.03	0.63	22.22	6.5	218	1.17	7.4
QCV1108-00326-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.67		7.9	420	2.92	8.25		0.23	81.66	24.5		6.95	>10000
27737	Core		0.03	1.76	39.2	64	0.30	0.08	0.07	0.05	20.36	4.5	209	1.23	6.7
27737 Dup			0.04	1.76	39.9	64	0.31	0.08	0.07	0.05	19.36	4.4	222	1.24	6.6
QCV1108-00326-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.31												1015.7
27755	Core		0.09	3.72	890.1	107	0.81	0.06	0.56	0.20	35.98	5.0	224	2.20	12.3
27755 Dup			0.08	3.79	889.2	107	0.80	0.06	0.57	0.19	36.04	5.0	221	2.17	12.9
QCV1108-00326-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.54		9.0	401	2.61	8.41		0.15	82.98	23.7		6.97	>10000
27701	Core	0.181													
27701 Dup		0.181													
27719	Core	0.296													
27719 Dup		0.336													
QCV1108-01224-0004-BLK		<0.005													
27737	Core	0.007													
27737 Dup		<0.005													
27755	Core	0.057													
27755 Dup		0.062													
QCV1108-01224-0008-BLK		<0.005													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27701	Core	0.51	2.00	1.58	0.5	0.01	0.27	3.8	3.1	0.02	113	0.96	0.02	0.5	4.8
27701 Dup		0.51	2.00	1.50	0.5	0.01	0.27	3.9	2.9	0.02	111	0.94	0.02	0.5	4.8
QCV1108-00326-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27719	Core	1.81	4.04	0.34	1.0	0.01	0.41	9.6	9.5	0.03	426	0.76	0.03	0.8	11.8
27719 Dup		1.78	4.03	0.35	1.0	0.01	0.41	9.5	10.2	0.03	431	0.76	0.03	0.8	11.6
QCV1108-00326-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.97		3.5	1.20		40.5	25.5			0.90		14.2	43.4
27737	Core	1.30	3.92	1.14	0.9	<0.01	0.36	8.9	26.5	0.12	231	0.55	0.17	0.6	10.1
27737 Dup		1.29	3.93	1.20	0.9	<0.01	0.36	8.8	26.7	0.13	235	0.55	0.17	0.6	10.2
QCV1108-00326-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27755	Core	1.72	7.11	1.26	1.5	0.02	0.59	16.8	17.0	0.32	503	0.48	1.36	0.7	13.5
27755 Dup		1.78	7.12	1.31	1.6	0.02	0.59	16.6	16.9	0.33	503	0.48	1.38	0.7	13.4
QCV1108-00326-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.99		3.5	1.17		40.3	24.7			0.84		13.0	44.0

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27701	Core	12	7.8	14.2	<0.002	0.028	0.55	0.8	3.5	0.7	7.1	<0.05	<0.05	2.3	0.011
27701 Dup		12	7.9	14.6	<0.002	0.028	0.55	0.8	3.7	0.7	7.1	<0.05	<0.05	2.3	0.011
QCV1108-00326-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27719	Core	43	10.2	24.4	<0.002	<0.01	0.67	1.6	1.0	0.5	10.8	0.08	<0.05	6.1	0.022
27719 Dup		43	10.1	24.6	<0.002	<0.01	0.66	1.7	1.1	0.5	10.5	0.08	<0.05	6.1	0.021
QCV1108-00326-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.8	191.9	0.003	1.288	2.70	12.4	15.9	21.1	36.7	1.33	<0.05	16.2	
27737	Core	63	4.5	20.1	0.002	0.072	0.79	1.7	<1.0	0.5	13.1	0.07	<0.05	5.7	0.016
27737 Dup		62	4.5	20.4	0.002	0.071	0.77	1.8	1.0	0.5	13.2	0.07	<0.05	5.6	0.016
QCV1108-00326-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27755	Core	213	16.1	36.1	<0.002	0.450	1.90	2.6	1.1	1.3	99.6	0.08	<0.05	8.8	0.021
27755 Dup		213	16.0	35.6	<0.002	0.452	1.90	2.7	1.1	1.3	98.3	0.08	<0.05	8.7	0.021
QCV1108-00326-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.5	188.0	0.003	1.240	2.49	12.3	15.0	21.4	34.6	1.33	<0.05	17.1	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27701	Core	0.11	0.5	9	0.7	1.0	45	18.1
27701 Dup		0.11	0.5	8	0.7	1.0	45	17.5
QCV1108-00326-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27719	Core	0.13	1.3	16	1.8	4.3	124	37.4
27719 Dup		0.12	1.3	15	1.9	4.3	121	36.1
QCV1108-00326-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.83	3.4			24.0	188	119.6
27737	Core	0.12	1.0	19	0.6	2.4	28	33.3
27737 Dup		0.11	1.0	19	0.6	2.4	28	31.4
QCV1108-00326-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27755	Core	0.18	1.3	37	1.5	4.2	48	53.5
27755 Dup		0.18	1.3	37	1.4	4.1	49	56.5
QCV1108-00326-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.91	3.4			23.5	182	116.0

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11-360-05627-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Melanie Debnam
EMail: mdebnam@firestoneventures.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 2**
Description: **3 ACE**

Date Received: 08/03/2011
Date Completed: 08/26/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	51	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27760	Core	1.018	3.68	4.58	416.0	295	2.21	0.20	1.08	0.05	38.18	8.1	183	6.85	33.1
27761	Core	0.169	0.23	1.86	842.0	60	0.66	0.07	0.24	0.10	20.09	4.8	202	2.07	10.8
27762	Core	0.898	0.29	2.03	3616.8	60	0.52	0.17	0.25	0.06	26.72	3.8	164	2.03	10.3
27763	Core	0.475	0.51	2.10	5117.4	84	0.76	0.12	0.52	0.06	25.28	4.7	179	2.88	9.8
27764	Core	0.101	0.32	9.38	382.8	632	3.61	0.34	0.18	0.19	85.19	13.9	154	15.01	41.7
27765	Core	0.269	0.18	2.02	3195.7	71	0.62	0.09	0.07	0.11	25.30	3.7	149	1.87	7.1
27766	Core	0.008	0.18	2.13	143.7	92	0.60	0.05	0.31	0.06	28.08	4.1	157	1.67	8.5
27767	Core	0.030	0.10	2.96	338.3	154	0.74	0.08	0.07	0.09	32.97	4.0	142	2.33	15.3
27768	Core	0.112	0.24	2.76	1542.2	127	0.92	0.08	0.47	0.34	30.57	4.1	151	2.03	8.4
27769	Core	0.582	0.38	4.49	3316.3	248	1.49	0.38	0.75	0.53	46.04	12.6	208	4.73	20.1
27770	Core	0.084	0.21	4.82	224.4	249	2.13	0.35	0.24	0.80	51.14	8.9	214	3.33	38.2
27771	Core	0.061	0.23	9.88	66.1	795	3.85	0.53	0.11	0.14	81.39	24.1	193	11.02	43.5
27772	Core	0.013	0.17	7.97	31.4	605	2.86	0.35	0.17	0.05	74.23	14.6	159	6.23	39.3
27773	Core	0.066	0.23	>10	41.3	894	3.97	0.53	0.13	0.10	73.38	24.1	175	10.91	47.6
27774	Core	<0.005	0.18	>10	35.5	937	4.51	0.54	0.10	0.07	81.34	26.8	120	16.00	51.0
27775	Core	0.013	0.22	9.66	143.7	720	3.25	0.42	0.16	0.07	92.21	16.4	175	7.24	46.4
27776	Core	0.008	0.22	>10	36.1	779	3.77	0.50	0.13	0.03	90.49	19.2	160	6.70	47.0
27777	Core	0.012	0.45	>10	38.0	876	4.46	0.46	0.16	0.14	112.64	19.6	172	8.22	55.4
27778	Core	<0.005	0.17	>10	27.7	828	3.59	0.45	0.13	0.07	82.49	19.7	104	7.28	47.2
27779	Core	0.006	0.20	>10	6.9	769	4.08	0.44	0.16	0.05	126.99	20.7	122	8.47	52.5
27780	Core	0.006	0.19	>10	30.4	723	4.16	0.45	0.12	0.05	154.94	19.8	134	8.39	51.3
27781	Core	0.005	0.38	2.79	39.3	122	0.69	0.08	0.76	0.04	29.00	6.1	177	1.59	9.4
27782	Core	0.023	0.24	2.64	162.3	122	0.55	0.09	0.36	0.10	31.82	5.3	172	1.73	8.9
27783	Core	0.069	0.09	3.22	315.2	225	0.86	0.08	0.37	0.07	31.91	5.2	169	2.29	10.6
27784	Core	<0.005	0.15	2.43	110.9	106	0.55	0.07	0.09	0.08	30.93	4.5	158	1.82	9.1
27785	Core	0.015	0.16	2.61	115.8	135	0.77	0.08	0.15	0.25	27.86	4.6	185	1.33	11.2
27786	Core	0.018	0.13	2.05	163.6	94	0.62	0.08	0.26	0.07	23.84	8.6	194	1.40	11.0
27787	Core	0.161	0.27	2.54	682.9	116	0.67	0.09	0.43	0.16	27.46	7.7	224	1.44	18.8
27788	Core	0.023	0.33	2.43	485.7	88	0.71	0.10	0.77	1.13	27.53	6.3	197	1.48	18.9
27789	Core	0.070	0.13	1.91	620.9	57	0.40	0.08	0.38	0.18	21.87	4.5	177	0.78	8.4
27790	Core	0.278	0.23	6.90	545.4	455	2.33	0.24	0.27	0.23	52.81	12.5	195	4.24	28.8
27791	Core	0.035	0.17	2.08	458.6	81	0.65	0.11	0.10	0.10	22.85	5.2	197	0.92	10.1
27792	Core	0.040	0.08	1.97	831.3	75	0.60	0.05	0.12	0.14	22.21	5.7	211	0.87	11.7
27793	Core	<0.005	0.11	0.06	9.5	17	0.06	0.03	>10	0.04	1.25	0.9	8	0.13	10.5
27794	Core	0.005	0.32	2.31	127.5	107	0.38	0.14	0.13	0.03	26.07	4.2	272	0.97	8.7
27795	Core	0.024	0.12	2.09	124.0	362	0.50	0.12	0.22	0.04	28.05	4.1	199	1.04	6.6
27796	Core	0.042	0.10	2.26	276.2	107	0.56	0.12	0.53	0.06	23.07	3.3	238	1.23	8.3
27797	Core	0.278	0.29	2.04	19.7	92	0.48	0.14	0.51	0.05	24.63	3.5	224	0.97	7.0
27798	Core	0.146	16.37	3.63	947.1	143	0.79	0.11	0.80	0.09	31.66	5.0	180	1.47	14.8
27799	Core	0.248	0.91	>10	531.8	809	4.56	0.52	0.48	0.04	48.03	21.8	168	8.89	51.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27800	Core	0.240	0.22	>10	30.8	734	4.05	0.45	0.21	0.05	71.93	18.8	122	6.57	50.3
27801	Core	0.134	0.31	>10	93.5	810	4.24	0.40	0.24	0.07	56.93	19.8	182	7.46	69.9
27802	Core	0.336	1.21	1.76	302.5	76	0.59	0.09	0.03	0.20	21.29	3.5	215	1.01	8.4
27803	Core	0.200	0.26	2.31	143.5	116	0.56	0.10	0.08	0.82	25.47	5.1	202	0.91	8.5
27804	Core	0.193	0.34	2.76	114.6	117	0.72	0.13	0.04	1.44	31.92	3.5	167	1.15	14.3
27805	Core	0.168	36.87	2.84	77.6	132	0.75	0.13	0.13	1.82	18.83	7.1	218	1.10	13.2
27806	Core	0.043	0.35	4.29	123.0	246	1.09	0.12	0.25	0.62	28.51	9.6	191	1.96	20.6
27807	Core	0.175	0.29	8.46	35.0	522	2.46	0.29	0.16	0.16	41.75	15.1	155	4.37	32.3
27808	Core	0.134	0.33	>10	34.6	873	4.17	0.46	0.12	0.30	50.81	21.3	141	7.48	49.5
27809	Core	0.101	0.17	4.11	22.1	234	1.01	0.16	1.24	0.29	29.55	8.7	200	1.85	17.1
27810	Core	0.099	0.27	>10	46.4	1042	4.33	0.48	0.69	0.14	76.67	19.2	157	8.33	57.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27760	Core	3.07	13.14	<0.05	1.4	0.04	1.46	19.9	14.6	0.80	649	0.57	0.06	1.0	25.5
27761	Core	1.01	3.92	<0.05	0.5	0.01	0.30	9.3	21.7	0.04	387	0.57	0.02	0.6	9.3
27762	Core	1.06	4.87	0.29	1.3	0.02	0.37	12.2	8.6	0.09	248	0.67	0.02	0.7	8.3
27763	Core	1.49	5.50	0.12	1.0	0.02	0.50	11.7	10.3	0.21	535	0.55	0.03	0.6	10.4
27764	Core	4.54	24.79	0.08	2.7	0.06	2.93	44.3	13.1	0.88	737	0.42	0.18	2.1	30.5
27765	Core	1.03	5.20	<0.05	1.0	0.01	0.42	11.5	7.6	0.07	236	0.49	0.02	0.6	9.9
27766	Core	1.08	5.60	<0.05	1.2	0.01	0.47	13.3	17.0	0.19	447	0.45	0.03	0.7	9.2
27767	Core	1.14	7.57	<0.05	1.6	0.01	0.73	15.5	22.9	0.13	233	0.43	0.26	1.0	11.0
27768	Core	1.06	7.96	<0.05	1.4	0.02	0.72	14.2	6.9	0.26	423	0.51	0.47	0.9	11.5
27769	Core	2.60	10.94	<0.05	1.5	0.04	1.26	23.3	12.3	0.53	748	0.84	0.25	1.3	22.7
27770	Core	4.33	10.78	<0.05	1.5	0.06	1.14	25.5	230.2	0.63	857	0.57	0.07	1.2	28.4
27771	Core	4.09	25.83	0.47	2.0	0.07	3.12	43.7	49.4	0.88	487	0.59	0.25	2.1	42.6
27772	Core	3.90	20.16	<0.05	2.0	0.06	2.36	38.5	39.2	0.72	492	0.53	0.21	1.9	32.3
27773	Core	4.44	28.99	<0.05	2.1	0.09	2.84	40.5	44.6	0.75	511	0.81	0.43	1.8	46.0
27774	Core	3.51	32.39	0.06	2.3	0.08	2.99	43.4	59.6	0.50	321	0.98	0.59	3.0	39.2
27775	Core	4.70	25.52	1.39	2.5	0.07	2.63	49.7	78.5	0.98	538	0.48	0.50	2.4	44.9
27776	Core	5.47	27.58	0.17	2.9	0.07	2.67	47.1	99.4	1.10	619	0.56	0.44	3.2	50.7
27777	Core	5.96	31.54	1.37	3.2	0.08	3.29	56.9	104.3	1.22	671	0.51	0.46	3.0	54.3
27778	Core	5.32	30.40	0.07	2.9	0.08	3.05	41.0	97.1	1.13	508	0.35	0.34	3.6	47.9
27779	Core	5.64	32.68	0.12	3.1	0.08	2.91	67.4	110.5	1.17	518	0.41	0.36	4.0	50.8
27780	Core	5.41	30.15	0.13	3.0	0.08	2.78	83.0	89.8	1.03	501	0.46	0.29	3.6	52.2
27781	Core	2.00	6.70	<0.05	1.4	0.01	0.57	13.1	18.2	0.41	949	0.42	0.24	0.9	11.8
27782	Core	1.27	6.08	<0.05	1.7	0.02	0.54	14.5	8.9	0.27	445	0.52	0.37	1.0	11.5
27783	Core	1.22	8.00	<0.05	1.6	0.02	0.80	14.6	7.0	0.22	405	0.47	0.25	1.0	10.5
27784	Core	1.29	5.46	<0.05	1.2	0.01	0.46	13.6	6.9	0.13	406	0.44	0.09	0.9	9.9
27785	Core	0.98	6.31	<0.05	1.2	0.01	0.65	12.7	3.8	0.12	281	0.56	0.04	0.9	9.5
27786	Core	1.21	4.92	<0.05	0.9	0.01	0.46	10.8	9.4	0.16	213	0.58	0.03	0.6	9.9
27787	Core	1.29	5.97	<0.05	1.1	0.02	0.63	12.2	4.8	0.22	393	0.59	0.03	0.7	11.2
27788	Core	1.57	5.60	1.14	1.1	0.03	0.47	12.5	7.0	0.35	747	0.52	0.02	0.8	10.1
27789	Core	1.08	3.81	0.05	0.9	0.01	0.30	9.5	10.3	0.18	375	0.55	0.02	0.6	7.5
27790	Core	2.72	19.09	0.72	2.7	0.05	2.22	26.1	23.4	0.31	407	0.60	0.12	1.8	29.0
27791	Core	1.46	4.96	0.99	0.9	0.01	0.44	10.2	10.1	0.13	339	0.49	0.02	0.7	9.9
27792	Core	1.62	4.72	<0.05	0.9	0.01	0.38	10.0	9.8	0.13	371	0.47	0.02	0.6	10.8
27793	Core	0.47	0.23	<0.05	<0.1	<0.01	0.02	0.6	<0.2	>10	212	<0.05	<0.01	0.1	3.2
27794	Core	0.90	5.00	0.86	1.4	0.01	0.48	11.5	4.1	0.16	193	0.59	0.03	0.9	12.9
27795	Core	0.93	4.95	0.75	1.2	0.02	0.41	12.4	7.8	0.17	182	0.50	0.35	1.0	6.5
27796	Core	0.95	5.67	0.55	1.0	0.01	0.56	10.1	15.9	0.23	271	0.51	0.35	0.6	8.6
27797	Core	0.94	4.68	0.67	0.9	0.01	0.45	10.6	15.1	0.20	335	0.64	0.29	0.9	8.1
27798	Core	1.59	8.46	0.91	1.5	0.02	0.72	14.4	8.8	0.40	518	0.53	0.16	1.2	12.5
27799	Core	4.68	31.58	1.42	2.3	0.09	3.86	26.9	44.9	0.73	405	0.65	0.28	3.2	50.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27800	Core	4.97	28.37	1.13	2.7	0.08	3.39	38.8	64.0	0.90	339	0.34	0.24	2.4	50.1
27801	Core	5.78	30.65	1.39	3.2	0.09	3.64	30.4	47.3	0.77	626	0.52	0.20	2.7	45.6
27802	Core	1.02	4.30	1.00	0.8	0.02	0.42	9.9	4.9	0.04	98	0.44	0.02	0.8	9.3
27803	Core	0.99	5.46	0.64	1.2	0.02	0.53	11.8	7.6	0.13	289	0.45	0.05	0.9	8.3
27804	Core	1.12	6.54	0.78	1.4	0.04	0.74	14.8	7.3	0.10	116	0.47	0.04	1.3	9.0
27805	Core	2.01	6.90	<0.05	0.9	0.03	0.67	9.0	7.9	0.20	699	0.48	0.04	0.9	15.7
27806	Core	2.38	10.94	<0.05	1.6	0.03	1.16	14.1	18.2	0.37	515	0.48	0.35	1.3	19.7
27807	Core	4.44	21.96	0.07	2.9	0.06	2.37	21.7	54.4	0.90	515	0.49	0.16	2.6	36.1
27808	Core	5.01	29.45	1.05	3.1	0.09	3.54	28.2	73.5	1.11	408	0.62	0.31	3.8	49.5
27809	Core	2.99	10.19	0.06	1.7	0.03	0.88	14.6	37.8	0.76	1056	0.44	0.42	1.6	21.5
27810	Core	4.97	30.99	1.47	2.9	0.08	3.53	42.1	83.2	1.19	534	0.55	0.33	4.4	51.6

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11-360-05627-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27760	Core	177	15.4	80.7	0.003	0.679	3.33	7.1	1.1	1.5	103.2	0.36	<0.05	7.6	0.031
27761	Core	521	21.6	18.3	0.004	0.083	1.97	1.8	<1.0	0.9	33.0	0.07	<0.05	5.3	0.015
27762	Core	100	20.4	22.7	<0.002	0.298	3.66	2.0	1.0	1.0	29.4	0.08	<0.05	7.3	0.016
27763	Core	178	12.7	31.0	0.003	0.473	5.62	2.3	1.4	1.1	35.8	0.06	<0.05	6.6	0.017
27764	Core	519	20.2	181.0	0.003	0.219	2.06	14.3	1.2	2.7	62.9	0.27	<0.05	17.0	0.079
27765	Core	63	9.2	25.9	0.002	0.268	3.96	1.7	1.2	0.7	14.2	0.07	<0.05	5.5	0.017
27766	Core	89	10.5	25.8	0.003	0.042	0.66	1.8	1.0	0.7	25.9	0.08	0.05	7.1	0.020
27767	Core	88	9.1	41.0	<0.002	0.036	0.76	2.9	1.1	0.8	21.1	0.11	<0.05	8.7	0.032
27768	Core	87	23.2	41.1	0.003	0.320	2.03	2.9	1.0	1.4	51.9	0.09	<0.05	7.8	0.028
27769	Core	368	84.6	75.3	0.004	1.059	6.02	5.8	1.8	2.0	94.0	0.16	0.17	9.3	0.042
27770	Core	166	43.9	67.2	<0.002	0.704	2.39	7.0	1.1	1.2	45.9	0.13	0.08	8.7	0.041
27771	Core	159	26.6	197.0	0.004	0.914	5.67	15.6	1.6	2.8	97.7	0.30	0.28	14.5	0.083
27772	Core	278	18.8	138.4	0.003	0.414	3.14	12.0	<1.0	2.1	82.2	0.23	0.12	14.2	0.071
27773	Core	186	26.5	190.6	0.003	1.242	5.69	17.0	2.2	2.9	164.1	0.21	0.20	14.1	0.075
27774	Core	195	31.0	205.0	0.004	2.008	6.17	17.7	1.2	2.8	226.2	0.30	0.21	15.9	0.119
27775	Core	459	31.8	149.3	<0.002	0.110	0.93	15.5	1.3	2.5	159.7	0.37	0.20	15.5	0.090
27776	Core	538	20.9	145.9	0.003	0.118	0.92	15.8	<1.0	2.7	162.6	0.37	0.18	16.8	0.119
27777	Core	508	23.5	176.6	0.003	0.099	0.95	17.8	1.3	3.1	170.3	0.42	0.12	19.9	0.105
27778	Core	595	21.9	169.9	0.005	0.125	1.21	16.6	1.3	2.7	140.6	0.50	0.07	17.0	0.132
27779	Core	662	24.3	206.4	<0.002	0.111	1.24	19.6	2.3	2.8	140.4	0.40	0.07	21.6	0.140
27780	Core	466	23.3	185.1	0.002	0.098	1.26	20.3	1.3	2.9	114.4	0.38	0.19	24.9	0.136
27781	Core	91	14.9	30.9	0.003	0.010	0.57	3.0	<1.0	0.7	32.9	0.10	<0.05	7.2	0.028
27782	Core	64	16.1	29.4	<0.002	0.035	0.71	2.5	1.9	0.7	26.8	0.09	<0.05	8.5	0.028
27783	Core	71	14.6	43.1	<0.002	0.070	0.71	3.1	<1.0	0.9	33.1	0.10	<0.05	8.4	0.034
27784	Core	133	10.5	24.1	<0.002	0.018	0.40	2.2	1.9	0.9	14.8	0.08	<0.05	7.2	0.026
27785	Core	186	14.4	34.1	<0.002	0.101	0.61	2.4	<1.0	1.0	16.6	0.09	<0.05	7.3	0.027
27786	Core	81	12.6	24.6	<0.002	0.049	0.53	1.9	2.2	1.4	19.4	0.06	<0.05	5.8	0.017
27787	Core	96	14.7	33.9	0.002	0.373	1.25	2.4	<1.0	1.6	22.8	0.07	<0.05	7.2	0.020
27788	Core	46	81.9	24.0	0.002	0.456	1.56	2.7	<1.0	1.5	31.9	0.07	<0.05	7.7	0.021
27789	Core	52	18.7	15.7	<0.002	0.223	1.22	1.5	<1.0	0.8	19.8	0.06	<0.05	6.4	0.015
27790	Core	717	9.2	123.0	0.005	0.234	2.11	9.0	1.2	1.7	49.5	0.20	0.11	15.2	0.065
27791	Core	81	10.0	23.3	<0.002	0.155	0.88	2.0	1.2	0.8	10.5	0.07	<0.05	5.9	0.019
27792	Core	99	8.5	20.4	0.002	0.194	1.11	1.8	1.0	0.6	11.0	0.05	<0.05	5.9	0.018
27793	Core	163	3.4	1.0	0.003	<0.01	<0.05	0.2	2.3	0.3	44.8	<0.05	<0.05	0.2	<0.005
27794	Core	68	7.4	23.5	0.003	0.069	0.65	1.7	1.6	1.0	12.4	0.17	0.06	7.8	0.021
27795	Core	59	7.7	22.5	0.006	0.052	0.63	1.6	1.7	0.7	21.9	0.13	<0.05	8.8	0.026
27796	Core	191	14.9	29.6	0.003	0.185	0.90	1.8	<1.0	0.8	46.4	0.09	<0.05	7.2	0.020
27797	Core	195	9.3	23.4	<0.002	0.032	0.56	1.4	<1.0	0.7	41.0	0.10	<0.05	6.8	0.022
27798	Core	97	8.7	38.1	<0.002	0.345	1.53	3.0	1.2	1.0	47.5	0.17	0.08	10.6	0.036
27799	Core	468	14.1	207.1	<0.002	0.441	3.10	17.1	1.7	2.9	110.7	0.54	0.10	16.4	0.127

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11-360-05627-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27800	Core	614	22.5	186.1	0.003	0.147	1.46	16.3	1.2	2.6	88.4	0.44	<0.05	18.7	0.104
27801	Core	386	16.0	200.0	0.003	0.168	1.70	17.7	1.7	2.9	79.1	0.43	0.13	20.3	0.114
27802	Core	61	20.5	23.0	0.004	0.064	1.15	1.7	<1.0	1.0	8.1	0.08	<0.05	5.4	0.024
27803	Core	115	29.2	27.1	0.002	0.163	0.75	2.2	<1.0	1.3	11.2	0.11	<0.05	8.3	0.029
27804	Core	93	75.5	36.5	<0.002	0.126	0.73	2.7	<1.0	3.1	13.2	0.14	<0.05	10.2	0.041
27805	Core	98	31.0	33.9	<0.002	0.283	0.68	3.0	1.4	1.3	16.7	0.10	<0.05	6.7	0.028
27806	Core	118	19.6	58.9	0.002	0.385	1.11	5.4	1.2	1.2	39.6	0.15	<0.05	10.2	0.044
27807	Core	277	20.9	126.5	0.005	0.182	1.31	11.9	1.3	2.0	60.8	0.32	0.16	14.8	0.091
27808	Core	372	30.3	199.2	0.004	0.439	2.11	17.4	<1.0	2.7	118.2	0.53	0.12	18.7	0.138
27809	Core	110	16.8	48.7	<0.002	0.282	0.55	5.2	1.3	1.1	72.2	0.19	<0.05	10.1	0.054
27810	Core	425	32.3	202.7	0.002	0.118	1.57	18.5	2.0	3.0	180.5	0.63	0.16	20.0	0.151

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27760	Core	0.45	1.4	65	22.9	4.1	70	33.5
27761	Core	0.11	1.0	18	127.8	3.1	44	25.8
27762	Core	0.15	1.1	22	2.9	3.1	20	37.6
27763	Core	0.20	0.9	26	2.2	3.3	25	31.5
27764	Core	1.14	3.7	132	5.9	8.5	107	83.2
27765	Core	0.15	1.1	20	1.7	2.9	39	32.4
27766	Core	0.14	1.4	24	1.1	3.4	33	39.5
27767	Core	0.25	1.6	36	1.0	4.3	48	49.6
27768	Core	0.25	1.4	35	1.6	4.1	50	43.2
27769	Core	0.44	1.8	58	3.9	5.1	102	45.1
27770	Core	0.40	1.6	62	3.6	4.1	249	42.4
27771	Core	1.07	3.0	131	3.3	5.3	101	63.0
27772	Core	0.81	3.0	105	1.2	5.8	96	58.5
27773	Core	1.09	3.5	140	2.0	5.3	115	62.8
27774	Core	1.11	4.0	151	1.9	5.1	108	69.2
27775	Core	0.84	4.2	134	1.2	6.9	106	72.5
27776	Core	0.93	4.5	154	1.4	7.4	120	88.7
27777	Core	1.10	4.8	165	2.0	8.7	134	93.5
27778	Core	0.99	4.5	154	0.8	7.5	124	89.2
27779	Core	1.03	4.7	160	0.7	12.2	124	90.9
27780	Core	1.07	4.7	161	1.0	12.6	121	91.8
27781	Core	0.19	1.2	36	1.4	4.0	36	45.8
27782	Core	0.16	1.3	32	1.3	3.8	41	50.4
27783	Core	0.23	1.4	38	1.5	4.1	31	53.7
27784	Core	0.14	1.1	26	2.1	3.4	26	40.3
27785	Core	0.21	1.1	27	2.1	3.5	41	39.5
27786	Core	0.13	1.0	23	1.7	2.7	24	31.0
27787	Core	0.20	1.1	29	6.9	3.4	31	35.6
27788	Core	0.14	1.0	27	2.6	4.2	110	39.5
27789	Core	0.09	0.9	18	2.3	2.7	23	28.4
27790	Core	0.65	2.8	84	6.1	8.1	79	86.9
27791	Core	0.14	0.9	22	3.5	2.7	34	30.9
27792	Core	0.12	0.9	22	3.8	2.8	37	31.1
27793	Core	<0.02	0.4	276	0.1	0.8	15	2.0
27794	Core	0.14	1.0	24	1.3	2.7	17	31.3
27795	Core	0.13	1.2	24	1.0	3.1	14	37.4
27796	Core	0.16	1.1	26	1.0	3.3	18	32.8
27797	Core	0.12	1.3	21	1.2	3.3	14	29.5
27798	Core	0.23	1.7	40	2.4	5.0	24	51.8
27799	Core	1.17	4.0	152	3.4	6.5	112	74.8

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11-360-05627-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27800	Core	1.05	4.5	152	2.1	8.5	125	82.9
27801	Core	1.17	4.7	163	5.6	8.7	112	100.0
27802	Core	0.12	0.7	19	5.1	2.6	33	29.1
27803	Core	0.13	1.1	25	1.5	3.4	42	39.1
27804	Core	0.20	1.4	30	2.2	3.8	75	47.4
27805	Core	0.18	1.0	33	4.3	3.3	72	31.6
27806	Core	0.32	1.7	56	1.3	4.7	65	50.9
27807	Core	0.69	3.2	119	1.3	7.1	108	86.2
27808	Core	1.08	4.3	160	1.0	7.8	131	91.5
27809	Core	0.30	1.9	63	0.5	4.7	69	51.2
27810	Core	1.14	4.6	166	1.5	8.5	136	91.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27760	Core		3.68	4.58	416.0	295	2.21	0.20	1.08	0.05	38.18	8.1	183	6.85	33.1
27760 Dup			3.61	4.56	381.6	300	2.09	0.19	1.10	0.05	38.78	8.1	191	6.68	32.6
QCV1108-00329-0002-BLK			<0.01	<0.01	0.3	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.59												927.9
27778	Core		0.17	>10	27.7	828	3.59	0.45	0.13	0.07	82.49	19.7	104	7.28	47.2
27778 Dup			0.17	>10	31.2	736	3.55	0.43	0.12	0.07	82.16	19.9	113	7.25	47.5
QCV1108-00329-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			65.00												946.6
27796	Core		0.10	2.26	276.2	107	0.56	0.12	0.53	0.06	23.07	3.3	238	1.23	8.3
27796 Dup			0.10	2.24	279.4	104	0.56	0.11	0.51	0.06	23.23	3.4	232	1.23	8.2
QCV1108-00329-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.68		9.0	417	2.68	8.82		0.23	84.27	22.8		6.99	>10000
QCV1108-00329-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
27760	Core	1.018													
27760 Dup		1.084													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.400													
27778	Core	<0.005													
27778 Dup		0.005													
QCV1108-01225-0004-BLK		<0.005													
27796	Core	0.042													
27796 Dup		0.046													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27760	Core	3.07	13.14	<0.05	1.4	0.04	1.46	19.9	14.6	0.80	649	0.57	0.06	1.0	25.5
27760 Dup		3.10	12.48	<0.05	1.2	0.04	1.46	19.8	14.3	0.80	654	0.56	0.06	1.0	26.1
QCV1108-00329-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27778	Core	5.32	30.40	0.07	2.9	0.08	3.05	41.0	97.1	1.13	508	0.35	0.34	3.6	47.9
27778 Dup		5.24	30.31	0.06	2.9	0.08	2.87	38.8	96.6	1.06	507	0.35	0.36	3.6	48.4
QCV1108-00329-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27796	Core	0.95	5.67	0.55	1.0	0.01	0.56	10.1	15.9	0.23	271	0.51	0.35	0.6	8.6
27796 Dup		0.95	5.78	0.53	1.0	0.01	0.56	11.0	16.1	0.22	266	0.51	0.35	0.6	7.5
QCV1108-00329-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.40		3.9	1.10		41.4	26.1			1.06		14.5	43.6
QCV1108-00329-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27760	Core	177	15.4	80.7	0.003	0.679	3.33	7.1	1.1	1.5	103.2	0.36	<0.05	7.6	0.031
27760 Dup		180	14.3	79.7	0.002	0.684	3.27	7.1	1.1	1.5	104.4	0.17	<0.05	7.5	0.031
QCV1108-00329-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27778	Core	595	21.9	169.9	0.005	0.125	1.21	16.6	1.3	2.7	140.6	0.50	0.07	17.0	0.132
27778 Dup		602	21.2	164.5	0.003	0.124	1.15	17.1	1.2	2.7	130.5	0.35	0.07	17.0	0.131
QCV1108-00329-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27796	Core	191	14.9	29.6	0.003	0.185	0.90	1.8	<1.0	0.8	46.4	0.09	<0.05	7.2	0.020
27796 Dup		188	14.8	28.9	0.002	0.185	0.89	1.7	<1.0	0.8	45.0	0.08	<0.05	7.2	0.020
QCV1108-00329-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.6	183.2	0.007	1.251	2.67	12.5	12.1	21.9	33.8	1.41	0.11	17.6	
QCV1108-00329-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005

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11-360-05627-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27760	Core	0.45	1.4	65	22.9	4.1	70	33.5
27760 Dup		0.47	1.5	66	23.1	4.2	72	37.2
QCV1108-00329-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27778	Core	0.99	4.5	154	0.8	7.5	124	89.2
27778 Dup		1.01	4.6	151	0.8	7.4	118	88.3
QCV1108-00329-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27796	Core	0.16	1.1	26	1.0	3.3	18	32.8
27796 Dup		0.15	1.1	25	1.0	3.3	17	33.2
QCV1108-00329-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.1			24.9	170	111.6
QCV1108-00329-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Bonnie Pollries
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Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 3**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/23/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	62	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
27811	Core		0.005	0.42	>10	12.6	583	3.80	0.48	0.12	0.07	78.29	18.7	106	7.43
27812	Core		<0.005	0.26	>10	11.2	575	3.67	0.48	0.72	0.12	92.65	20.1	107	8.17
27813	Core		<0.005	0.27	>10	13.0	555	3.58	0.42	1.09	0.08	53.48	21.3	104	7.65
27814	Core		<0.005	0.21	>10	11.2	574	4.06	0.46	0.39	0.08	93.07	19.7	106	8.65
27815	Core		<0.005	0.18	>10	10.4	572	3.73	0.46	1.13	0.10	95.93	18.8	123	8.56
27816	Core		<0.005	0.31	>10	16.7	731	4.71	0.54	0.14	0.07	106.78	16.5	110	10.08
27817	Core		<0.005	0.22	>10	10.3	684	4.26	0.46	0.31	0.08	82.65	18.2	111	10.05
27818	Core		<0.005	0.57	>10	10.9	677	3.74	0.48	0.21	0.08	99.65	18.9	110	9.25
27819	Core		<0.005	0.21	>10	8.6	652	3.73	0.39	0.35	0.09	104.01	18.9	110	9.03
27820	Core		<0.005	0.17	>10	9.6	636	3.46	0.46	0.70	0.08	96.27	18.3	104	7.59
27821	Core		0.005	3.90	>10	12.4	658	4.03	0.47	0.14	0.09	66.58	17.4	110	9.03
27822	Core		<0.005	0.17	>10	10.1	717	3.97	0.42	0.16	0.09	95.72	16.8	106	8.97
27823	Core		<0.005	0.20	>10	15.2	715	4.28	0.41	0.12	0.09	102.51	19.4	105	9.41
27824	Core		<0.005	8.01	>10	11.3	722	3.97	0.43	0.17	0.09	83.88	18.0	109	9.13
27825	Core		0.006	0.28	>10	16.4	719	3.85	0.54	0.16	0.08	97.29	16.0	107	8.72
27826	Core		0.005	0.21	>10	24.6	713	3.55	0.37	0.08	0.15	100.00	15.1	143	8.05
27827	Core		<0.005	0.20	>10	12.7	697	4.19	0.42	0.18	0.11	81.31	18.1	145	7.91
27828	Core		<0.005	0.46	>10	13.8	738	4.20	0.39	0.21	0.21	100.52	17.4	144	8.12
27829	Core		7.325	0.59	2.88	929.1	157	0.80	0.61	>10	4.29	27.75	7.4	102	7.50
27830	Core		<0.005	0.09	0.06	5.1	16	0.07	0.04	>10	0.06	1.34	1.2	7	0.31
27831	Core		<0.005	0.15	>10	16.4	693	3.86	0.40	0.29	0.11	74.02	18.9	146	7.79
27832	Core		<0.005	0.15	>10	22.0	886	4.68	0.53	0.20	0.11	112.53	17.7	122	9.92
27833	Core		<0.005	0.10	6.32	25.4	375	2.20	0.25	0.43	0.19	64.48	14.7	180	4.52
27834	Core		0.006	0.04	1.84	65.3	81	0.58	0.06	0.46	0.24	26.35	4.5	219	1.27
27835	Core		<0.005	0.05	2.17	40.6	91	0.44	0.09	0.68	0.13	25.31	5.0	262	1.38
27836	Core		<0.005	0.15	>10	230.1	1232	5.60	0.56	0.10	0.28	144.51	10.0	162	12.25
27837	Core		<0.005	0.04	3.82	215.4	211	1.22	0.10	0.05	0.71	43.05	7.4	171	2.37
27838	Core		0.019	0.03	1.97	180.9	90	0.42	0.06	0.07	0.67	25.92	4.1	213	1.29
27839	Core		0.005	0.04	2.69	88.6	134	0.58	0.06	0.09	0.34	33.96	4.3	215	1.86
27840	Core		0.010	0.04	2.04	173.7	102	0.72	0.06	0.07	0.79	25.63	3.8	214	1.45
27841	Core		0.354	0.07	2.70	591.6	136	0.96	0.05	0.09	0.94	32.83	5.0	212	1.98
27842	Core		0.311	0.88	2.71	719.4	137	1.02	0.06	0.14	1.10	28.97	6.6	229	1.94
27843	Core		0.194	1.18	2.06	1572.5	96	0.74	0.05	0.38	0.51	26.70	4.2	241	1.48
27844	Core		0.209	0.54	2.14	1251.4	100	0.80	0.06	0.16	0.61	25.61	3.8	237	1.43
27845	Core		0.535	0.28	2.36	3733.0	135	1.03	0.05	0.13	0.29	27.06	5.8	227	1.97
27846	Core	10.496	>10	1.70	2.50	3898.6	147	1.08	0.07	0.04	0.80	26.52	2.5	202	2.37
27847	Core		4.491	0.71	3.19	5680.1	196	1.25	0.09	0.30	1.96	21.36	6.0	238	3.48
27848	Core		3.922	2.87	9.13	>10000	664	3.76	0.42	0.05	0.88	40.90	12.6	218	17.18
27849	Core		1.381	0.21	3.01	3287.1	129	1.28	0.07	0.29	0.31	27.25	7.7	252	4.84
27850	Core		1.170	0.39	>10	3705.5	841	5.15	0.53	0.51	0.09	43.33	25.6	166	19.45

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
27851	Core		0.026	0.39	>10	69.0	875	3.28	0.41	0.18	0.08	57.84	23.6	130	11.99
27852	Core		0.014	0.46	>10	58.1	848	4.14	0.48	0.21	0.13	98.24	23.4	156	12.55
27853	Core		0.008	0.17	>10	1047.1	883	3.81	0.44	0.23	0.12	93.96	21.6	139	9.98
27854	Core		0.005	0.19	>10	56.7	834	3.35	0.38	0.62	0.09	89.26	21.0	122	9.10
27855	Core		<0.005	0.25	>10	44.5	892	3.91	0.38	0.12	0.08	90.05	19.9	122	9.66
27856	Core		<0.005	0.35	>10	43.5	868	3.88	0.41	0.12	0.10	68.07	20.3	119	8.56
27857	Core		<0.005	0.63	>10	23.2	834	3.39	0.44	0.13	0.59	60.11	20.4	119	8.23
27858	Core		<0.005	0.43	>10	21.4	837	3.90	0.41	0.15	0.08	69.22	21.7	114	8.68
27859	Core		<0.005	0.25	>10	26.2	837	4.00	0.43	0.17	0.09	77.56	22.0	115	8.43
27860	Core		<0.005	0.26	>10	23.0	829	3.66	0.42	0.26	0.11	72.16	18.1	120	8.35
27861	Core		<0.005	0.29	>10	19.9	886	3.90	0.43	0.16	0.07	96.62	20.0	112	8.30
27862	Core		<0.005	0.64	>10	19.3	845	3.64	0.44	0.15	0.14	68.15	21.6	115	8.86
27863	Core		<0.005	0.88	>10	41.5	822	3.55	0.42	0.12	0.10	78.30	20.9	115	8.42
27864	Core		<0.005	0.35	>10	28.6	762	3.60	0.37	0.32	0.56	64.04	23.3	123	7.90
27865	Core		0.006	0.24	>10	27.8	559	3.59	0.44	0.15	0.07	54.43	19.6	116	7.57
27866	Core		0.005	0.33	>10	28.7	771	3.78	0.47	0.16	0.06	76.58	23.8	111	8.32
27867	Core		<0.005	0.18	0.14	13.9	34	0.10	0.03	>10	0.10	1.52	1.7	6	4.72
27868	Core		0.010	0.33	>10	39.5	884	4.15	0.41	0.27	0.11	65.69	19.8	148	9.47
27869	Core		0.010	0.19	2.52	62.7	103	0.66	0.07	0.31	0.97	28.18	4.5	202	1.29
27870	Core		0.095	0.55	3.26	186.0	190	0.90	0.22	0.04	3.17	31.25	4.6	250	2.23
27871	Core		0.139	0.36	1.96	233.4	84	0.44	0.29	0.25	2.60	22.27	3.8	240	1.02
27872	Core		0.134	0.69	2.53	129.9	148	0.68	0.11	0.05	3.77	23.85	2.9	223	1.49

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
27811	Core	44.1	5.47	27.77	1.64	3.1	0.08	2.10	42.3	144.0	1.24	619	0.37	0.75	3.3
27812	Core	49.8	6.11	30.59	1.63	3.2	0.09	2.15	51.8	154.9	1.35	1326	0.35	0.75	3.7
27813	Core	45.0	6.36	29.97	1.90	2.8	0.09	2.07	27.5	156.3	1.39	1216	0.27	0.71	2.9
27814	Core	49.6	5.68	30.16	1.72	3.0	0.08	2.12	47.5	157.7	1.30	688	0.36	0.76	3.4
27815	Core	47.8	5.43	30.00	1.86	2.7	0.08	2.13	49.2	150.1	1.27	794	0.36	0.80	2.4
27816	Core	54.8	5.16	33.73	1.77	2.5	0.09	2.57	54.4	140.6	1.21	471	0.30	0.86	3.3
27817	Core	50.4	5.62	33.20	1.83	2.7	0.08	2.38	45.1	148.1	1.27	493	0.33	0.80	2.9
27818	Core	48.3	6.03	31.80	1.84	2.9	0.09	2.33	53.0	155.7	1.37	492	0.31	0.81	3.6
27819	Core	46.6	5.62	30.07	1.62	3.1	0.09	2.27	53.9	148.2	1.24	711	0.36	0.71	3.5
27820	Core	47.2	5.57	27.56	1.59	3.2	0.08	2.18	49.5	141.6	1.18	1013	0.34	0.67	2.6
27821	Core	47.2	5.48	30.24	1.67	2.6	0.08	2.44	30.9	141.0	1.20	498	0.30	0.73	2.3
27822	Core	45.8	5.72	30.34	1.58	2.7	0.08	2.46	50.6	141.2	1.29	511	0.31	0.71	3.5
27823	Core	64.9	5.80	31.86	1.77	2.6	0.09	2.47	51.3	146.6	1.29	517	0.23	0.72	4.0
27824	Core	47.7	5.72	29.55	1.67	2.8	0.08	2.47	44.6	144.5	1.27	699	0.27	0.69	3.5
27825	Core	42.7	5.86	29.59	1.56	2.9	0.08	2.40	52.4	134.2	1.25	538	0.31	0.62	3.2
27826	Core	36.6	5.52	29.77	1.72	3.2	0.07	2.74	48.1	100.6	1.17	553	0.36	0.32	2.8
27827	Core	48.2	5.15	28.90	1.57	3.1	0.08	2.85	39.5	92.5	1.09	423	0.43	0.33	2.9
27828	Core	46.8	5.07	29.30	1.63	2.9	0.08	2.85	53.0	86.6	1.08	442	0.44	0.32	2.2
27829	Core	33.8	1.36	6.67	0.44	2.0	0.07	1.05	17.3	9.1	0.73	284	11.70	<0.01	6.3
27830	Core	1.3	0.46	0.31	<0.05	<0.1	<0.01	0.02	0.8	1.1	>10	207	0.08	<0.01	0.2
27831	Core	46.0	5.55	28.86	1.73	2.9	0.08	2.63	38.7	94.4	1.14	462	0.50	0.28	2.1
27832	Core	56.4	5.26	33.04	1.54	3.1	0.09	3.31	55.5	90.3	1.14	346	0.48	0.37	2.2
27833	Core	27.6	4.46	17.54	1.38	2.2	0.04	1.55	32.3	75.3	0.86	473	0.47	0.22	1.2
27834	Core	6.2	1.19	4.15	0.88	1.0	<0.01	0.37	11.9	26.8	0.13	355	0.75	0.08	0.8
27835	Core	7.6	1.32	4.53	0.86	1.1	0.01	0.43	11.6	16.1	0.15	475	0.53	0.21	0.8
27836	Core	50.9	3.10	45.60	1.35	4.7	0.12	4.58	70.8	40.9	0.61	208	0.46	0.38	4.3
27837	Core	14.0	1.70	9.40	0.84	2.1	0.02	0.93	20.7	17.3	0.09	503	0.43	0.07	1.2
27838	Core	5.9	1.02	4.29	0.88	1.0	<0.01	0.42	10.6	17.8	0.09	151	0.66	0.07	0.7
27839	Core	6.8	1.30	6.19	0.91	1.6	0.01	0.59	14.6	14.2	0.17	148	0.53	0.29	0.8
27840	Core	6.5	1.08	4.81	0.98	1.1	<0.01	0.48	11.4	31.0	0.09	221	0.49	0.04	0.8
27841	Core	11.0	1.25	7.59	1.20	1.5	0.01	0.73	14.7	24.6	0.09	203	0.64	0.05	0.9
27842	Core	13.1	1.61	7.70	1.17	1.4	0.02	0.69	13.2	22.9	0.13	371	0.52	0.06	1.0
27843	Core	7.6	1.18	6.38	1.09	1.1	0.01	0.53	12.0	11.6	0.14	324	0.68	0.14	0.8
27844	Core	7.3	1.17	5.84	1.20	1.1	<0.01	0.57	11.3	9.2	0.10	167	0.79	0.15	0.7
27845	Core	11.5	1.21	8.62	1.63	1.8	0.01	0.72	12.3	11.1	0.16	184	0.56	0.11	1.0
27846	Core	9.8	0.92	9.07	1.72	1.7	0.06	0.97	11.8	7.6	0.12	52	0.65	0.03	1.1
27847	Core	13.2	1.42	11.28	1.72	1.8	0.05	1.27	9.5	9.2	0.23	440	0.50	0.04	1.1
27848	Core	92.0	3.90	30.48	2.19	2.2	0.08	3.05	23.2	20.6	0.55	214	0.85	0.13	1.8
27849	Core	14.0	1.66	8.10	1.76	1.6	0.02	0.70	12.5	76.2	0.17	429	0.51	0.04	0.9
27850	Core	43.9	5.01	34.27	1.98	2.2	0.09	3.46	23.4	76.1	1.00	729	0.93	0.18	1.7

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
27851	Core	48.1	6.03	29.89	1.42	2.4	0.09	3.08	30.2	90.5	1.22	822	0.51	0.32	2.7
27852	Core	56.7	4.86	33.46	1.49	2.5	0.09	2.99	52.9	103.4	0.88	650	0.59	0.47	2.9
27853	Core	55.7	6.13	31.87	1.63	2.4	0.08	2.80	51.8	103.7	1.02	580	0.41	0.52	3.0
27854	Core	49.6	6.05	31.15	1.64	2.5	0.07	2.67	47.6	111.9	1.32	672	0.42	0.52	2.6
27855	Core	52.8	5.39	33.41	1.65	2.5	0.09	2.83	47.4	108.1	1.16	542	0.40	0.66	3.3
27856	Core	56.7	5.76	31.26	1.46	2.6	0.08	2.78	34.8	108.5	1.18	615	0.42	0.62	2.6
27857	Core	54.9	5.92	29.64	1.66	2.9	0.09	2.66	25.0	117.6	1.25	605	0.33	0.59	2.8
27858	Core	48.8	5.82	33.16	1.71	2.8	0.08	2.67	27.4	116.5	1.20	607	0.41	0.57	3.2
27859	Core	51.9	5.24	31.67	1.44	2.7	0.09	2.84	34.1	98.5	0.91	559	0.50	0.56	2.7
27860	Core	51.8	5.72	30.72	1.30	2.5	0.08	2.65	38.8	66.6	0.49	708	0.39	0.51	2.5
27861	Core	48.2	5.53	31.18	1.41	2.7	0.08	2.83	49.7	83.8	0.73	620	0.46	0.53	3.1
27862	Core	49.8	5.50	33.47	1.70	2.8	0.09	2.91	33.9	107.1	1.11	589	0.44	0.47	4.6
27863	Core	50.3	5.78	32.31	1.69	2.7	0.08	2.91	39.7	98.2	1.16	641	0.49	0.39	3.6
27864	Core	48.7	6.54	28.72	1.49	2.8	0.08	2.74	32.9	79.1	1.21	786	0.41	0.32	2.8
27865	Core	50.2	5.28	30.40	1.45	2.8	0.07	2.92	25.2	76.6	0.91	472	0.42	0.32	3.4
27866	Core	53.1	5.50	30.85	1.56	2.8	0.08	3.11	37.9	80.4	0.97	505	0.43	0.33	3.2
27867	Core	5.0	0.51	0.61	<0.05	<0.1	<0.01	0.09	0.9	2.3	>10	235	0.06	<0.01	0.8
27868	Core	51.3	4.57	30.13	1.38	3.0	0.08	3.42	35.7	55.7	0.79	503	0.49	0.29	3.3
27869	Core	14.2	1.54	6.06	0.99	1.2	0.02	0.55	12.9	10.4	0.18	604	0.47	0.03	1.1
27870	Core	24.2	1.23	8.04	1.05	1.7	0.09	1.03	13.4	6.0	0.12	208	0.61	0.05	1.3
27871	Core	16.8	1.08	4.31	0.97	1.0	0.03	0.50	10.1	5.7	0.15	429	0.55	0.02	0.7
27872	Core	19.8	1.16	6.01	1.02	1.2	0.07	0.83	10.6	5.8	0.11	135	0.52	0.04	1.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
27811	Core	52.0	441	18.9	150.5	0.004	<0.01	1.27	18.4	<1.0	3.0	221.1	0.49	0.13	46.1
27812	Core	55.3	390	21.6	156.0	0.003	<0.01	1.05	19.6	<1.0	2.7	215.5	0.44	0.09	51.8
27813	Core	57.3	705	16.0	154.6	0.006	<0.01	0.96	20.4	<1.0	2.6	206.6	0.32	0.21	53.9
27814	Core	54.1	493	25.9	159.4	0.005	<0.01	0.97	19.3	<1.0	2.6	220.1	0.35	0.14	48.5
27815	Core	52.7	458	27.4	155.6	0.004	<0.01	0.81	18.4	<1.0	2.5	241.5	0.23	0.11	46.8
27816	Core	53.2	514	41.4	187.2	0.004	<0.01	0.82	20.6	<1.0	3.0	237.2	0.33	0.10	49.0
27817	Core	55.5	856	24.8	176.3	<0.002	<0.01	0.72	19.5	1.1	2.9	223.0	0.29	0.23	50.6
27818	Core	56.3	890	20.5	170.3	0.002	<0.01	0.77	19.4	<1.0	2.6	223.6	0.37	0.09	56.0
27819	Core	53.2	592	24.0	166.9	0.004	<0.01	0.83	18.9	<1.0	2.6	198.4	0.36	0.14	53.4
27820	Core	50.9	715	41.4	147.0	0.004	<0.01	0.87	17.9	<1.0	2.4	192.9	0.28	0.17	51.7
27821	Core	54.2	658	31.9	130.5	<0.002	0.033	0.85	18.2	<1.0	2.6	191.0	0.26	0.15	45.8
27822	Core	55.3	754	22.2	169.1	<0.002	0.023	0.88	18.8	<1.0	2.6	201.5	0.33	0.15	53.7
27823	Core	54.5	568	30.1	175.5	0.002	0.064	1.01	19.6	<1.0	2.8	202.2	0.36	0.05	50.4
27824	Core	54.0	482	29.7	178.2	0.002	0.022	0.76	18.8	<1.0	2.7	196.9	0.34	0.09	49.8
27825	Core	54.9	735	29.2	178.4	0.003	0.011	0.82	18.4	<1.0	2.7	185.1	0.31	0.07	55.6
27826	Core	49.8	386	15.0	183.5	0.004	<0.01	0.70	17.9	<1.0	2.7	92.2	0.28	0.16	53.1
27827	Core	49.6	551	30.1	178.5	0.003	0.024	0.86	18.1	<1.0	2.7	93.0	0.31	0.20	48.7
27828	Core	48.2	584	25.8	203.7	0.004	0.020	0.85	18.4	1.0	2.7	95.4	0.22	0.21	52.2
27829	Core	65.2	4033	6.4	112.9	0.040	1.224	20.49	6.0	7.8	1.9	132.8	0.46	0.72	11.6
27830	Core	2.5	193	3.0	2.0	0.004	<0.01	<0.05	0.3	<1.0	0.3	42.2	0.12	0.06	9.3
27831	Core	53.6	457	31.3	182.3	0.004	0.017	0.83	17.1	<1.0	2.5	94.3	0.19	0.13	50.2
27832	Core	53.5	863	28.4	218.5	0.002	0.037	1.14	20.1	<1.0	3.0	115.8	0.25	0.17	53.8
27833	Core	39.2	353	25.3	101.4	0.003	0.019	0.69	10.4	<1.0	1.6	50.5	0.11	0.13	37.8
27834	Core	9.5	78	12.0	21.9	<0.002	<0.01	0.48	1.7	<1.0	0.6	13.8	0.09	<0.05	19.2
27835	Core	10.7	105	12.8	25.6	<0.002	<0.01	0.58	1.9	<1.0	0.6	19.5	0.09	<0.05	11.9
27836	Core	33.5	344	14.7	308.8	<0.002	<0.01	2.44	26.4	1.1	4.1	119.5	0.46	0.19	48.4
27837	Core	16.1	99	18.6	56.9	<0.002	<0.01	0.61	5.1	<1.0	1.0	20.7	0.12	<0.05	27.8
27838	Core	8.2	77	11.8	23.4	<0.002	<0.01	0.62	1.9	<1.0	0.6	11.5	0.08	<0.05	14.1
27839	Core	11.3	66	10.3	34.5	<0.002	<0.01	0.60	2.6	<1.0	0.6	19.6	0.10	<0.05	15.9
27840	Core	8.5	90	13.1	29.1	<0.002	0.021	0.82	1.8	<1.0	0.6	12.9	0.08	<0.05	12.6
27841	Core	10.7	188	10.8	42.4	<0.002	0.020	1.40	2.8	<1.0	0.8	16.6	0.10	<0.05	15.3
27842	Core	14.2	109	10.6	40.0	<0.002	0.019	1.66	3.1	<1.0	0.9	22.3	0.11	<0.05	16.9
27843	Core	11.7	190	12.4	31.8	0.004	0.105	2.60	2.0	<1.0	0.8	30.2	0.07	<0.05	16.0
27844	Core	9.4	120	12.4	32.7	<0.002	0.105	2.36	2.1	<1.0	0.8	20.1	0.07	<0.05	14.5
27845	Core	10.7	117	9.1	45.7	<0.002	0.247	4.50	2.5	1.0	1.2	20.0	0.13	<0.05	17.4
27846	Core	6.2	48	73.2	59.5	0.003	0.201	5.00	3.0	1.6	3.8	16.9	0.14	0.07	14.2
27847	Core	14.9	49	128.1	76.6	0.002	0.547	5.36	4.0	<1.0	5.6	31.0	0.12	<0.05	18.2
27848	Core	32.3	188	38.7	221.7	0.004	1.453	44.47	13.6	2.1	3.5	84.1	0.23	0.26	36.7
27849	Core	20.5	114	9.1	41.4	0.003	0.249	4.27	3.0	1.7	1.1	48.0	0.09	<0.05	21.3
27850	Core	49.7	218	31.9	263.4	<0.002	2.252	9.88	18.4	1.1	3.2	136.7	0.21	0.19	43.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
27851	Core	57.4	461	22.9	211.3	0.004	0.471	4.02	16.7	1.3	2.8	175.1	0.31	0.11	56.1
27852	Core	51.1	481	21.8	213.2	0.003	0.117	2.22	19.8	<1.0	3.0	206.9	0.31	0.16	47.8
27853	Core	56.9	981	39.4	193.7	0.003	0.057	1.62	18.6	<1.0	2.8	220.1	0.30	0.16	51.9
27854	Core	58.6	2425	25.3	186.2	0.003	0.044	1.25	18.5	<1.0	2.7	214.2	0.26	0.19	54.6
27855	Core	53.8	478	20.2	200.7	0.004	0.070	1.01	19.2	<1.0	2.9	244.3	0.36	<0.05	47.6
27856	Core	55.3	406	27.3	187.3	0.004	0.070	0.93	18.3	<1.0	2.7	231.4	0.31	0.06	50.6
27857	Core	54.7	503	29.3	175.3	<0.002	0.072	0.75	17.8	<1.0	2.6	214.7	0.35	0.09	56.4
27858	Core	53.2	470	29.9	191.1	0.002	0.065	0.78	19.4	<1.0	2.8	221.2	0.31	0.21	53.5
27859	Core	52.0	564	21.2	199.0	0.004	0.089	1.03	20.0	<1.0	2.7	232.1	0.27	0.16	49.7
27860	Core	45.4	617	42.2	184.4	<0.002	0.069	0.87	17.9	<1.0	2.6	217.2	0.26	0.16	49.6
27861	Core	49.3	632	24.9	197.5	0.003	0.095	1.16	18.0	<1.0	2.8	230.0	0.30	0.11	51.1
27862	Core	51.9	648	29.6	196.5	0.002	0.158	1.37	19.0	1.3	3.0	184.2	0.43	0.19	50.6
27863	Core	50.8	453	27.3	203.7	0.004	0.092	1.31	17.3	1.4	2.8	159.6	0.31	0.18	52.4
27864	Core	57.4	839	23.4	171.8	0.002	0.166	1.40	15.8	<1.0	2.5	149.6	0.32	0.14	54.5
27865	Core	50.6	576	23.6	141.9	0.002	0.113	1.40	14.9	<1.0	2.7	119.9	0.35	<0.05	44.2
27866	Core	49.7	574	24.8	185.1	0.003	0.129	1.55	18.0	<1.0	2.8	142.3	0.33	0.11	47.8
27867	Core	1.4	181	5.3	12.8	<0.002	<0.01	0.12	0.3	1.5	0.4	43.3	0.14	0.06	5.3
27868	Core	48.8	632	18.3	226.1	0.002	0.107	1.58	17.5	<1.0	2.9	144.5	0.35	0.08	46.4
27869	Core	9.7	85	31.8	31.0	0.002	0.082	0.76	2.5	<1.0	1.8	17.6	0.11	<0.05	21.3
27870	Core	12.6	83	203.7	56.8	0.002	0.149	1.38	3.1	<1.0	7.5	16.1	0.13	<0.05	17.7
27871	Core	8.2	276	108.8	27.2	<0.002	0.258	1.20	1.6	<1.0	2.2	21.7	0.08	0.08	15.1
27872	Core	8.2	69	155.1	47.3	<0.002	0.096	1.41	2.3	1.2	7.7	11.4	0.10	<0.05	14.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27811	Core	0.082	0.82	4.1	155	0.4	8.2	128	99.2
27812	Core	0.101	0.81	4.7	158	0.5	9.3	138	108.8
27813	Core	0.077	0.76	4.0	156	0.4	8.7	141	104.3
27814	Core	0.105	0.75	4.2	158	0.5	9.0	131	106.9
27815	Core	0.060	0.77	3.7	155	0.3	9.6	127	93.7
27816	Core	0.096	0.95	4.0	161	0.4	7.1	121	88.5
27817	Core	0.080	0.89	3.9	161	0.4	7.9	128	94.9
27818	Core	0.097	0.90	4.6	167	0.5	8.2	127	92.1
27819	Core	0.102	0.84	4.1	154	0.5	9.0	129	106.8
27820	Core	0.082	0.77	4.1	150	0.4	9.3	124	108.3
27821	Core	0.081	0.94	4.2	158	0.4	5.5	128	88.9
27822	Core	0.097	0.88	4.2	161	0.4	7.8	123	91.7
27823	Core	0.112	0.86	4.3	164	0.4	7.5	124	97.6
27824	Core	0.097	0.93	4.2	163	0.5	7.5	128	94.2
27825	Core	0.094	0.91	4.6	161	0.5	8.1	129	97.2
27826	Core	0.100	0.94	4.2	156	0.8	8.1	115	109.5
27827	Core	0.106	1.00	4.2	154	0.5	7.6	121	106.9
27828	Core	0.080	0.96	4.0	154	0.4	8.9	123	103.2
27829	Core	0.185	12.02	8.0	433	32.2	25.2	255	73.5
27830	Core	<0.005	0.13	0.6	282	0.2	0.9	14	0.5
27831	Core	0.069	1.02	4.0	149	0.5	8.1	123	100.3
27832	Core	0.086	1.29	4.8	176	0.5	8.9	122	99.3
27833	Core	0.042	0.55	2.5	96	0.3	6.6	105	76.1
27834	Core	0.020	0.15	1.1	22	0.6	2.9	65	34.8
27835	Core	0.021	0.17	1.2	23	0.6	3.1	52	35.9
27836	Core	0.160	1.62	5.7	212	1.9	10.8	120	171.2
27837	Core	0.039	0.33	1.8	47	1.5	5.3	78	70.9
27838	Core	0.020	0.15	1.0	20	0.8	2.5	54	36.0
27839	Core	0.029	0.20	1.3	32	0.6	3.5	46	56.2
27840	Core	0.022	0.18	1.2	21	1.0	2.7	50	36.3
27841	Core	0.030	0.23	1.5	31	1.8	4.1	83	49.7
27842	Core	0.028	0.24	1.8	31	6.5	4.2	89	46.5
27843	Core	0.023	0.18	1.2	26	2.0	3.4	52	45.0
27844	Core	0.022	0.18	1.2	23	1.7	3.0	48	38.8
27845	Core	0.026	0.23	1.4	31	1.9	3.3	46	55.7
27846	Core	0.035	0.30	1.3	34	2.8	4.2	29	55.7
27847	Core	0.044	0.39	1.5	45	5.2	4.1	150	57.6
27848	Core	0.074	1.20	3.4	126	12.1	4.5	98	74.3
27849	Core	0.024	0.23	1.6	35	3.0	3.9	100	55.7
27850	Core	0.069	1.21	3.4	147	8.2	5.7	113	81.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27851	Core	0.083	1.10	4.1	158	2.7	6.3	129	86.0
27852	Core	0.088	1.09	4.4	153	5.6	7.1	126	93.6
27853	Core	0.094	0.98	3.8	157	1.6	7.3	139	83.8
27854	Core	0.076	0.92	4.6	157	1.4	9.4	148	90.0
27855	Core	0.103	1.01	4.3	163	1.0	6.5	129	86.4
27856	Core	0.084	0.99	4.3	161	1.1	6.0	135	90.5
27857	Core	0.095	0.97	4.4	162	0.9	6.7	130	93.4
27858	Core	0.099	0.91	4.4	158	1.1	7.4	128	101.0
27859	Core	0.094	0.96	4.8	154	1.7	7.8	127	96.7
27860	Core	0.086	0.91	4.2	140	2.0	7.1	123	89.8
27861	Core	0.098	0.96	5.2	150	1.8	8.3	126	105.3
27862	Core	0.136	0.93	4.7	159	1.2	7.9	125	107.1
27863	Core	0.104	0.96	4.7	156	1.0	8.2	127	104.2
27864	Core	0.102	0.95	4.5	153	1.9	8.2	128	96.8
27865	Core	0.124	1.07	4.8	152	1.7	4.9	113	96.7
27866	Core	0.119	1.08	5.2	157	1.7	7.7	122	99.0
27867	Core	<0.005	0.09	0.8	290	0.1	0.9	21	0.5
27868	Core	0.110	1.19	4.7	157	2.7	8.9	115	101.3
27869	Core	0.025	0.18	1.1	29	3.2	3.4	63	49.8
27870	Core	0.039	0.31	1.5	37	2.3	3.7	153	54.2
27871	Core	0.019	0.15	0.9	19	1.8	3.6	149	33.6
27872	Core	0.030	0.23	1.1	28	2.2	3.0	175	43.7

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
27811	Core			0.42	>10	12.6	583	3.80	0.48	0.12	0.07	78.29	18.7	106	7.43
27811 Dup				0.42	>10	13.1	586	3.80	0.49	0.12	0.07	78.51	19.0	109	7.46
QCV1108-00803-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				61.82											
27829	Core			0.59	2.88	929.1	157	0.80	0.61	>10	4.29	27.75	7.4	102	7.50
27829 Dup				0.59	2.89	920.9	157	0.81	0.60	>10	4.28	27.65	7.3	104	7.51
QCV1108-00803-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				62.21											
27847	Core			0.71	3.19	5680.1	196	1.25	0.09	0.30	1.96	21.36	6.0	238	3.48
27847 Dup				0.71	3.24	5668.6	198	1.25	0.09	0.29	1.90	20.46	5.9	230	3.47
QCV1108-00803-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				63.51											
27865	Core			0.24	>10	27.8	559	3.59	0.44	0.15	0.07	54.43	19.6	116	7.57
27865 Dup				0.24	>10	28.0	565	3.60	0.44	0.17	0.07	54.91	20.3	115	7.59
QCV1108-00803-0011-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.68		9.1	415	2.68	8.33		0.26	82.36	22.4		6.81
27811	Core		0.005												
27811 Dup			<0.005												
STD-OxD87 expected			0.417												
STD-OxD87 result			0.383												
27829	Core		7.325												
27829 Dup			7.532												
QCV1108-01223-0004-BLK			<0.005												
STD-OxJ80 expected			2.331												
STD-OxJ80 result			2.526												
27865	Core		0.006												
27865 Dup			0.006												
QCV1108-01223-0008-BLK			<0.005												
STD-OxJ80 expected			2.331												
STD-OxJ80 result			2.436												

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
27811	Core	44.1	5.47	27.77	1.64	3.1	0.08	2.10	42.3	144.0	1.24	619	0.37	0.75	3.3
27811 Dup		44.7	5.54	27.97	1.65	3.0	0.08	2.21	42.4	149.0	1.27	638	0.37	0.79	3.3
QCV1108-00803-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1008.5													
27829	Core	33.8	1.36	6.67	0.44	2.0	0.07	1.05	17.3	9.1	0.73	284	11.70	<0.01	6.3
27829 Dup		33.8	1.37	6.65	0.43	2.0	0.07	1.05	17.7	9.1	0.74	286	11.61	<0.01	6.3
QCV1108-00803-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1027.4													
27847	Core	13.2	1.42	11.28	1.72	1.8	0.05	1.27	9.5	9.2	0.23	440	0.50	0.04	1.1
27847 Dup		13.7	1.43	10.81	1.73	1.8	0.05	1.29	9.3	9.2	0.23	440	0.50	0.04	1.1
QCV1108-00803-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1024.8													
27865	Core	50.2	5.28	30.40	1.45	2.8	0.07	2.92	25.2	76.6	0.91	472	0.42	0.32	3.4
27865 Dup		52.0	5.64	30.71	1.48	2.8	0.08	3.19	25.9	77.4	1.03	523	0.41	0.33	3.4
QCV1108-00803-0011-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		17.77		3.3	1.17		40.5	25.1			0.79		13.9

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
27811	Core	52.0	441	18.9	150.5	0.004	<0.01	1.27	18.4	<1.0	3.0	221.1	0.49	0.13	46.1
27811 Dup		52.2	437	19.6	155.7	0.004	<0.01	1.26	18.6	<1.0	3.0	222.8	0.51	0.14	53.8
QCV1108-00803-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
27829	Core	65.2	4033	6.4	112.9	0.040	1.224	20.49	6.0	7.8	1.9	132.8	0.46	0.72	11.6
27829 Dup		66.1	4099	6.4	110.8	0.039	1.246	19.80	5.9	7.8	1.9	131.7	0.45	0.71	16.4
QCV1108-00803-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
27847	Core	14.9	49	128.1	76.6	0.002	0.547	5.36	4.0	<1.0	5.6	31.0	0.12	<0.05	18.2
27847 Dup		15.3	39	124.3	76.2	0.002	0.546	5.33	4.0	<1.0	5.6	31.0	0.11	<0.05	19.6
QCV1108-00803-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
27865	Core	50.6	576	23.6	141.9	0.002	0.113	1.40	14.9	<1.0	2.7	119.9	0.35	<0.05	44.2
27865 Dup		50.1	581	23.8	142.1	0.002	0.116	1.45	15.0	<1.0	2.8	149.1	0.34	0.05	55.5
QCV1108-00803-0011-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		45.3		29.7	188.5	0.004	1.289	2.62	12.0	13.4	21.8	35.7	1.19	<0.05	

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11-360-05629-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27811	Core	0.082	0.82	4.1	155	0.4	8.2	128	99.2
27811 Dup		0.096	0.83	4.1	156	0.4	8.3	131	101.4
QCV1108-00803-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
27829	Core	0.185	12.02	8.0	433	32.2	25.2	255	73.5
27829 Dup		0.164	11.73	7.9	435	31.3	25.0	258	73.5
QCV1108-00803-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
27847	Core	0.044	0.39	1.5	45	5.2	4.1	150	57.6
27847 Dup		0.037	0.38	1.5	44	5.1	4.1	151	56.9
QCV1108-00803-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
27865	Core	0.124	1.07	4.8	152	1.7	4.9	113	96.7
27865 Dup		0.123	1.02	4.8	162	1.8	5.0	127	96.7
QCV1108-00803-0011-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.84	3.2			23.6	184	122.8

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11-360-05905-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 1**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 08/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	61	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27873	Core	<0.005	0.25	2.28	41.7	107	0.63	0.09	0.10	3.11	26.59	4.4	221	1.14	10.5
27874	Core	0.011	0.21	2.18	246.2	97	0.78	0.09	0.10	0.95	24.69	5.7	176	1.15	10.3
27875	Core	0.016	0.44	>10	137.1	1224	5.08	0.48	0.05	0.23	72.93	18.9	157	9.09	54.5
27876	Core	<0.005	0.15	2.81	58.8	150	0.82	0.09	0.09	0.39	29.13	5.0	195	1.49	10.9
27877	Core	0.016	0.68	2.59	128.2	140	0.82	0.12	0.03	2.58	25.41	3.0	163	1.74	18.7
27878	Core	0.050	0.34	2.10	81.8	104	0.64	0.10	0.02	1.47	19.93	2.7	195	1.15	10.3
27879	Core	0.011	0.34	3.62	148.7	213	0.98	0.13	0.04	3.37	17.25	4.7	166	1.76	16.1
27880	Core	0.039	0.35	2.10	142.9	85	0.53	0.07	0.19	1.38	23.99	5.7	172	0.97	17.9
27881	Core	0.008	0.31	>10	30.1	895	4.66	0.54	0.30	0.20	53.71	20.5	114	7.69	58.3
27882	Core	<0.005	0.29	>10	33.4	775	4.26	0.47	0.18	0.36	64.03	19.6	118	6.83	55.6
27883	Core	0.022	0.19	>10	65.6	698	3.48	0.38	0.18	0.16	64.48	20.3	131	5.90	48.0
27884	Core	0.054	0.11	1.73	423.1	88	0.55	0.07	0.29	0.80	20.36	5.0	189	0.85	10.0
27885	Core	0.019	0.12	2.22	174.9	86	0.59	0.07	0.10	1.30	26.38	5.2	163	1.00	7.8
27886	Core	0.058	0.14	2.61	499.1	118	0.72	0.09	0.03	0.68	26.06	5.6	176	1.23	12.8
27887	Core	0.018	0.17	2.51	213.9	111	0.65	0.07	0.02	0.38	27.08	3.9	177	1.40	9.2
27888	Core	0.050	0.36	2.35	253.8	102	0.54	0.10	0.20	1.74	27.09	6.0	177	1.02	13.8
27889	Core	0.010	0.31	>10	36.9	766	3.40	0.42	0.15	0.15	60.14	17.7	157	6.14	45.2
27890	Core	0.021	0.50	8.39	70.3	565	2.86	0.29	0.45	1.40	37.92	18.8	154	4.62	38.3
27891	Core	0.021	0.37	6.26	59.3	440	1.79	0.27	0.55	1.96	39.57	11.3	162	3.64	35.7
27892	Core	<0.005	0.16	7.18	19.1	524	2.06	0.26	0.41	0.48	50.75	13.6	172	4.24	34.8
27893	Core	<0.005	0.10	3.92	8.9	228	0.80	0.10	1.06	0.20	31.57	7.0	181	1.92	14.5
27894	Core	<0.005	0.13	8.45	8.1	613	2.09	0.27	0.43	0.23	56.25	15.3	140	5.22	38.4
27895	Core	<0.005	0.31	>10	12.6	894	2.90	0.51	0.21	0.21	73.31	20.3	104	7.56	56.5
27896	Core	<0.005	0.43	>10	30.8	945	3.85	0.66	0.26	0.23	76.02	26.5	96	8.53	57.4
27897	Core	0.015	0.32	>10	41.6	887	3.62	0.58	0.29	0.23	64.54	22.7	114	8.94	65.0
27898	Core	0.014	0.42	9.07	40.2	789	3.06	0.49	1.25	0.13	52.74	19.3	162	8.02	52.5
27899	Core	0.007	0.18	9.90	24.1	808	3.17	0.45	0.55	0.11	30.48	19.7	133	7.92	49.7
27900	Core	7.705	0.67	3.11	1012.0	191	0.92	0.63	>10	4.73	31.32	6.7	102	7.08	39.6
27901	Core	0.010	0.22	9.57	25.1	767	2.72	0.44	0.70	0.10	23.33	19.2	144	7.66	48.0
27902	Core	0.006	0.16	>10	26.7	870	3.25	0.51	0.83	0.09	33.85	22.5	99	8.80	50.0
27903	Core	<0.005	0.14	3.81	6.4	257	0.67	0.12	1.81	0.04	36.27	3.4	155	2.71	17.6
27904	Core	0.008	0.28	6.53	22.2	505	1.90	0.38	2.11	0.04	21.65	18.3	179	5.05	36.5
27905	Core	<0.005	0.11	4.35	8.6	272	0.96	0.18	2.20	0.04	23.33	8.3	167	3.20	19.3
27906	Core	0.012	0.18	>10	24.8	931	4.23	0.41	0.46	0.08	22.49	20.4	209	9.89	53.9
27907	Core	0.025	0.48	>10	36.7	929	3.96	0.52	0.36	0.19	18.55	29.8	192	9.23	53.7
27908	Core	0.012	0.22	>10	26.9	837	3.29	0.34	0.17	0.12	35.36	19.6	183	8.03	70.9
27909	Core	0.063	0.22	8.90	49.0	704	3.41	0.27	0.08	0.11	29.33	15.2	219	8.04	58.6
27910	Core	0.080	0.28	1.05	533.4	41	0.31	0.09	0.03	0.11	14.12	3.0	225	1.13	11.7
27911	Core	0.012	0.21	1.53	491.9	54	0.45	0.06	0.03	0.08	25.50	3.2	198	1.31	6.9
27912	Core	0.073	0.11	1.58	248.4	58	0.41	0.06	0.03	0.26	28.22	3.3	222	1.30	8.0

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27913	Core	0.040	0.51	1.69	431.2	53	0.52	0.09	0.03	1.88	25.91	4.0	213	1.14	9.4
27914	Core	0.026	0.10	1.44	242.9	49	0.45	0.06	0.03	0.27	26.80	2.8	182	0.74	7.5
27915	Core	0.019	0.20	5.45	71.2	440	1.86	0.13	0.10	0.05	26.92	7.2	217	4.11	10.0
27916	Core	0.013	0.17	1.82	277.3	64	0.48	0.05	0.05	0.05	22.22	3.7	188	0.79	7.7
27917	Core	0.018	0.21	2.36	654.8	111	0.69	0.07	0.04	0.54	24.66	3.7	184	1.27	11.3
27918	Core	0.043	0.14	1.78	331.4	64	0.36	0.06	0.05	0.17	21.65	3.4	188	0.66	13.5
27919	Core	0.030	0.14	4.13	211.5	291	1.44	0.09	0.06	0.05	28.62	6.8	234	2.55	23.1
27920	Core	0.027	0.38	4.90	212.0	401	1.68	0.24	0.12	0.05	33.53	15.6	247	2.96	41.5
27921	Core	0.063	0.15	1.54	58.4	68	0.42	0.07	0.04	0.12	26.07	3.6	199	0.77	9.8
27922	Core	0.098	0.21	3.23	1085.9	253	1.35	0.10	0.04	0.36	29.56	7.7	254	2.37	21.8
27923	Core	0.545	0.33	>10	299.9	850	4.53	0.36	0.16	0.82	28.56	19.0	172	9.46	128.2
27924	Core	0.032	0.42	>10	42.3	905	3.59	0.35	0.17	0.11	46.14	18.8	127	8.96	52.9
27925	Core	0.036	0.34	>10	64.0	778	3.28	0.41	0.35	0.17	42.67	19.4	151	11.90	44.8
27926	Core	0.011	0.18	>10	36.1	832	3.45	0.40	0.56	0.14	28.78	18.7	130	9.24	49.6
27927	Core	0.007	0.19	>10	23.9	832	4.04	0.48	0.38	0.09	31.63	19.8	107	8.41	54.6
27928	Core	0.022	1.82	>10	37.5	877	4.12	0.42	0.25	0.14	14.28	21.0	111	8.29	50.1
27929	Core	0.065	0.29	>10	46.7	874	4.03	0.54	0.38	0.15	28.84	19.6	178	7.92	46.7
27930	Core	0.185	0.67	9.58	63.0	728	3.36	0.32	0.43	0.13	43.68	16.2	151	7.59	46.0
27931	Core	0.054	0.19	7.43	48.4	505	2.39	0.17	0.11	0.16	32.11	11.9	150	5.29	26.5
27932	Core	0.056	0.13	1.87	124.2	94	0.49	0.05	0.17	<0.02	22.68	2.7	201	1.38	5.9
27933	Core	0.041	0.10	1.47	198.4	82	0.38	0.03	0.14	<0.02	23.61	2.7	219	1.44	5.7

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27873	Core	1.07	5.07	0.28	2.3	0.02	0.51	11.3	8.0	0.14	209	0.90	0.11	3.4	9.4
27874	Core	1.16	4.53	<0.05	1.5	0.02	0.47	10.5	9.9	0.06	217	0.44	0.03	1.5	10.0
27875	Core	3.22	37.13	1.17	6.7	0.11	4.86	37.7	26.3	0.36	320	0.47	0.29	7.9	42.6
27876	Core	1.30	6.26	<0.05	1.6	0.03	0.71	12.7	11.6	0.11	211	0.55	0.04	1.6	10.1
27877	Core	0.92	5.71	<0.05	1.5	0.07	0.89	11.1	11.9	0.08	230	0.38	0.04	1.5	7.0
27878	Core	0.74	4.34	0.79	1.2	0.03	0.62	8.5	6.5	0.06	74	0.68	0.03	1.2	5.8
27879	Core	1.33	8.49	0.62	1.8	0.12	0.96	7.5	13.6	0.06	224	0.48	0.07	1.8	10.2
27880	Core	1.57	4.46	0.18	1.2	0.05	0.52	9.7	11.8	0.15	400	0.62	0.03	0.9	10.9
27881	Core	4.70	29.84	1.21	3.2	0.10	3.72	29.2	50.0	0.78	366	0.53	0.28	4.2	46.5
27882	Core	5.11	28.28	1.34	3.6	0.08	3.46	34.1	57.4	0.97	360	0.45	0.27	4.0	46.0
27883	Core	4.84	26.02	1.23	3.8	0.07	3.25	33.0	50.6	0.83	418	0.48	0.21	3.4	42.8
27884	Core	1.07	4.23	<0.05	1.0	0.02	0.41	9.1	12.0	0.11	384	0.52	0.02	0.9	9.9
27885	Core	0.90	4.81	0.78	1.4	0.02	0.42	11.5	9.6	0.06	452	0.61	0.02	1.0	8.0
27886	Core	1.23	5.82	0.10	1.5	0.02	0.63	11.8	8.1	0.05	171	0.46	0.03	1.0	12.1
27887	Core	1.08	5.41	0.57	1.2	0.02	0.61	11.7	7.6	0.04	75	0.70	0.03	0.9	6.4
27888	Core	1.45	5.10	0.85	1.3	0.04	0.64	12.1	7.9	0.12	451	0.50	0.03	1.0	11.5
27889	Core	4.53	24.50	1.38	3.3	0.07	3.19	30.6	54.2	0.84	383	0.72	0.23	3.9	38.1
27890	Core	4.74	21.25	0.94	3.0	0.08	2.44	19.7	53.8	1.03	755	0.60	0.19	3.2	38.6
27891	Core	3.15	14.93	0.17	2.2	0.07	1.88	19.3	35.9	0.76	651	0.46	0.27	2.0	28.9
27892	Core	3.63	17.55	0.70	2.2	0.06	1.96	25.3	49.0	0.82	551	0.51	0.18	2.3	30.2
27893	Core	1.96	8.79	0.06	1.8	0.03	0.85	14.5	28.8	0.64	945	0.54	0.08	1.2	12.9
27894	Core	3.92	20.43	1.18	2.8	0.06	2.20	27.7	61.1	1.00	616	0.46	0.27	2.8	32.6
27895	Core	4.74	27.25	1.01	4.4	0.08	2.92	36.8	82.5	1.25	528	0.64	0.40	4.9	43.5
27896	Core	5.02	26.43	0.95	3.0	0.08	3.16	37.5	65.6	1.02	700	1.58	0.47	3.9	47.7
27897	Core	5.05	26.44	0.88	2.8	0.08	2.97	32.7	67.3	0.97	721	2.87	0.44	3.8	44.7
27898	Core	4.57	22.29	0.89	2.6	0.07	2.66	26.4	50.1	1.13	1084	1.35	0.42	2.8	40.8
27899	Core	4.50	24.29	0.11	2.3	0.09	2.60	15.5	55.4	1.02	641	0.96	0.45	2.8	39.7
27900	Core	1.36	6.52	<0.05	2.2	0.07	1.20	17.5	8.6	0.77	283	11.92	<0.01	7.9	61.7
27901	Core	4.67	22.98	0.11	2.2	0.08	2.54	12.4	62.5	1.06	674	0.90	0.42	2.2	39.1
27902	Core	4.80	25.64	1.31	2.4	0.08	2.95	17.6	79.4	1.12	716	1.06	0.48	2.5	42.9
27903	Core	3.06	9.63	1.01	1.6	0.03	0.83	16.6	36.7	1.02	1141	0.48	0.10	1.0	14.8
27904	Core	3.81	15.92	0.31	1.7	0.05	1.72	10.9	26.8	1.15	1331	0.60	0.25	1.4	28.2
27905	Core	3.29	10.60	<0.05	1.6	0.03	1.07	11.1	46.5	1.00	1466	0.57	0.13	1.1	17.2
27906	Core	4.34	27.08	<0.05	2.5	0.09	3.09	11.2	50.0	0.81	353	0.83	0.48	1.9	43.3
27907	Core	5.21	29.70	0.31	2.7	0.08	3.14	8.8	48.5	0.73	299	0.80	0.40	2.1	51.1
27908	Core	5.19	28.04	0.89	3.1	0.09	3.24	17.6	34.4	0.76	432	0.86	0.25	2.5	45.6
27909	Core	2.93	24.94	0.20	3.3	0.07	2.72	14.1	42.0	0.47	390	0.95	0.24	2.3	28.5
27910	Core	0.70	2.15	0.26	0.7	0.01	0.16	5.7	12.7	0.03	88	0.65	0.01	0.6	8.1
27911	Core	0.80	3.37	<0.05	1.3	0.01	0.26	10.5	9.9	0.08	158	0.70	0.02	0.9	6.9
27912	Core	0.72	3.58	0.87	1.6	0.02	0.31	12.0	6.2	0.04	129	0.57	0.02	1.0	8.8

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27913	Core	0.92	3.62	0.60	1.0	0.05	0.27	10.6	9.7	0.06	178	0.74	0.02	0.7	7.4
27914	Core	0.85	3.19	0.55	1.3	0.02	0.21	11.3	8.5	0.06	177	0.61	0.01	0.8	6.5
27915	Core	1.31	16.43	0.49	2.5	0.04	1.82	12.7	12.6	0.19	250	0.80	0.12	1.9	12.2
27916	Core	1.13	4.03	<0.05	1.2	0.02	0.30	9.6	11.9	0.10	271	0.49	0.02	0.7	6.9
27917	Core	1.00	5.47	0.53	1.3	0.03	0.53	10.5	9.5	0.09	219	1.08	0.03	0.9	8.1
27918	Core	1.12	3.53	0.54	1.0	0.02	0.25	9.1	8.1	0.08	266	0.54	0.02	0.8	8.4
27919	Core	1.50	10.89	<0.05	2.1	0.03	1.31	12.2	13.1	0.17	266	0.60	0.10	1.8	11.5
27920	Core	1.85	13.60	<0.05	2.8	0.04	1.55	15.1	11.6	0.18	328	0.99	0.10	2.5	17.1
27921	Core	0.86	3.68	0.46	1.2	0.01	0.30	10.6	17.8	0.09	160	0.61	0.02	1.0	7.8
27922	Core	1.34	9.45	1.01	1.9	0.03	1.07	13.5	74.6	0.17	191	0.62	0.06	1.4	15.1
27923	Core	5.21	30.34	0.98	3.1	0.11	3.82	14.9	79.7	0.91	376	0.77	0.19	2.3	45.4
27924	Core	5.12	28.67	1.58	2.9	0.08	3.49	23.7	48.6	0.94	288	0.79	0.26	3.5	42.4
27925	Core	4.64	24.39	1.20	2.4	0.08	3.15	22.1	71.7	0.98	320	0.87	0.37	3.2	42.3
27926	Core	4.61	26.47	0.07	2.5	0.08	3.04	14.5	114.6	0.99	537	0.75	0.45	3.1	40.6
27927	Core	4.70	26.00	0.14	2.7	0.08	3.00	15.8	53.3	0.87	347	0.79	0.50	3.1	39.3
27928	Core	4.42	27.10	1.21	2.0	0.09	2.96	7.8	48.7	0.65	268	0.78	0.55	1.8	46.1
27929	Core	4.81	26.47	1.02	2.1	0.08	2.95	14.7	46.7	0.83	318	0.68	0.46	2.3	46.0
27930	Core	5.30	25.53	1.13	3.0	0.07	2.76	22.2	54.1	1.16	541	0.91	0.26	2.9	42.5
27931	Core	3.72	18.93	0.90	3.2	0.05	2.11	15.6	27.5	0.65	368	0.50	0.14	2.6	28.5
27932	Core	0.71	3.97	0.99	0.9	0.02	0.72	9.3	36.6	0.21	268	0.54	0.03	0.9	8.3
27933	Core	0.55	3.08	1.06	0.9	0.02	0.61	10.1	33.1	0.16	130	0.64	0.03	0.7	8.6

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27873	Core	<10	15.0	26.8	0.003	0.075	0.75	1.8	<1.0	0.8	13.5	0.22	<0.05	9.4	0.019
27874	Core	<10	25.4	23.7	0.003	0.072	0.78	1.7	<1.0	0.9	11.7	0.12	<0.05	7.7	0.018
27875	Core	<10	12.4	260.3	0.003	0.026	2.40	21.9	<1.0	3.5	100.3	1.17	0.16	28.9	0.138
27876	Core	<10	14.4	36.1	0.003	0.018	0.77	2.8	<1.0	0.8	15.9	0.15	<0.05	8.3	0.024
27877	Core	<10	164.8	43.2	0.003	0.077	1.27	2.2	<1.0	4.3	12.6	0.12	<0.05	6.7	0.026
27878	Core	<10	79.0	31.8	<0.002	0.104	0.92	1.5	<1.0	3.8	10.0	0.12	<0.05	6.5	0.018
27879	Core	<10	29.5	49.1	<0.002	0.069	0.76	4.2	<1.0	1.3	23.0	0.16	<0.05	9.4	0.024
27880	Core	<10	91.7	27.6	<0.002	0.324	1.15	2.0	<1.0	3.0	11.1	0.11	<0.05	7.4	0.015
27881	Core	<10	20.0	207.5	0.004	0.334	2.08	19.1	1.1	2.9	114.7	0.72	0.10	18.1	0.093
27882	Core	<10	29.8	196.7	0.004	0.149	1.43	17.2	<1.0	2.6	107.0	0.67	0.14	18.7	0.100
27883	Core	<10	17.6	177.3	0.003	0.110	1.25	15.8	<1.0	2.4	81.4	0.56	0.09	19.0	0.094
27884	Core	<10	8.6	21.7	<0.002	0.115	0.76	2.0	<1.0	0.7	17.3	0.08	<0.05	5.9	0.017
27885	Core	<10	10.3	22.3	<0.002	0.063	0.60	1.9	<1.0	0.6	11.2	0.11	<0.05	8.7	0.020
27886	Core	<10	14.2	33.4	<0.002	0.101	1.27	2.4	<1.0	0.6	11.8	0.11	<0.05	10.4	0.023
27887	Core	<10	34.0	30.6	<0.002	0.014	1.03	2.3	<1.0	1.7	9.9	0.09	<0.05	6.0	0.023
27888	Core	<10	107.2	31.2	0.003	0.375	1.08	2.3	<1.0	2.9	13.4	0.11	<0.05	8.3	0.023
27889	Core	<10	19.9	170.6	0.003	0.407	3.32	15.4	1.2	2.5	85.8	0.62	0.22	17.3	0.100
27890	Core	<10	47.1	137.9	0.003	0.559	1.46	13.0	<1.0	3.1	78.4	0.40	0.09	15.0	0.078
27891	Core	<10	83.2	100.9	0.002	0.422	0.97	9.1	<1.0	2.4	76.1	0.25	<0.05	12.4	0.053
27892	Core	<10	17.6	109.1	<0.002	0.089	0.59	10.7	<1.0	1.7	86.1	0.27	0.09	13.1	0.057
27893	Core	<10	9.9	44.5	<0.002	<0.01	0.24	4.3	<1.0	1.0	81.6	0.15	<0.05	8.5	0.030
27894	Core	<10	8.8	120.3	0.002	0.073	0.47	13.1	<1.0	1.9	131.7	0.39	0.09	15.1	0.075
27895	Core	<10	10.2	169.9	0.006	0.407	1.08	18.6	<1.0	2.5	172.7	0.98	0.17	18.8	0.106
27896	Core	<10	40.6	175.5	0.006	2.552	4.30	17.4	1.2	2.6	180.9	0.65	0.20	17.0	0.114
27897	Core	<10	49.5	187.7	0.006	3.020	6.10	17.7	1.8	2.6	178.5	0.54	0.28	14.9	0.110
27898	Core	<10	33.7	153.5	0.004	2.411	5.49	14.8	<1.0	2.3	184.6	0.38	0.22	13.8	0.081
27899	Core	<10	21.1	159.7	0.003	1.558	4.04	15.9	<1.0	2.2	206.6	0.35	0.14	12.9	0.086
27900	Core	>10000	6.1	111.4	0.044	1.123	20.27	6.4	8.7	2.0	140.6	0.57	0.58	6.3	0.191
27901	Core	<10	20.4	153.4	0.004	1.642	4.06	14.4	<1.0	2.2	205.2	0.30	<0.05	12.6	0.067
27902	Core	<10	28.5	178.3	0.002	1.896	6.05	17.4	1.1	2.4	218.9	0.44	0.17	13.8	0.070
27903	Core	<10	4.8	54.2	0.004	0.018	0.40	5.4	<1.0	1.0	92.6	0.15	<0.05	9.2	0.028
27904	Core	<10	21.0	104.0	0.004	1.151	3.84	10.5	<1.0	1.6	149.9	0.20	0.11	9.8	0.044
27905	Core	<10	10.5	61.7	0.003	0.337	1.35	6.2	<1.0	1.0	108.3	0.13	<0.05	8.3	0.034
27906	Core	<10	29.2	196.7	0.003	1.447	5.57	18.6	<1.0	2.6	228.7	0.24	0.18	14.1	0.071
27907	Core	<10	24.8	199.0	0.003	1.884	4.75	18.5	1.0	2.6	233.7	0.33	0.12	13.2	0.071
27908	Core	<10	16.5	200.5	0.004	0.367	1.58	17.4	1.5	2.5	112.6	0.39	0.07	15.3	0.087
27909	Core	<10	14.5	171.8	0.002	0.463	1.63	14.4	1.3	2.2	94.3	0.33	0.06	18.4	0.066
27910	Core	<10	52.3	9.9	0.003	0.315	0.93	0.9	<1.0	0.6	19.0	0.06	<0.05	4.4	0.013
27911	Core	<10	11.1	16.1	0.004	0.124	0.61	1.5	<1.0	0.5	11.2	0.09	<0.05	8.6	0.021
27912	Core	<10	12.5	18.8	0.003	0.281	0.63	1.6	<1.0	0.9	11.0	0.12	<0.05	9.8	0.026

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27913	Core	<10	209.2	17.8	<0.002	0.272	1.01	1.5	<1.0	1.4	9.4	0.08	<0.05	7.4	0.016
27914	Core	<10	9.6	13.0	0.003	0.188	0.63	1.5	<1.0	0.6	8.2	0.09	<0.05	9.1	0.019
27915	Core	<10	6.8	97.3	0.003	0.233	1.01	8.3	<1.0	1.6	55.9	0.25	<0.05	15.9	0.057
27916	Core	<10	9.6	15.7	0.003	0.105	0.59	2.0	<1.0	0.8	10.9	0.08	<0.05	7.7	0.020
27917	Core	<10	65.6	27.5	0.002	0.240	1.00	2.3	<1.0	1.9	12.2	0.09	<0.05	8.7	0.022
27918	Core	<10	14.8	13.0	0.003	0.270	0.64	1.5	<1.0	0.6	8.9	0.11	<0.05	6.9	0.018
27919	Core	<10	6.7	68.0	0.003	0.215	0.91	5.3	<1.0	1.3	50.0	0.19	<0.05	11.3	0.048
27920	Core	<10	13.9	89.5	0.003	0.619	2.33	7.6	<1.0	1.5	50.5	0.26	<0.05	14.5	0.069
27921	Core	<10	20.1	15.9	<0.002	0.149	0.49	1.9	<1.0	0.7	10.5	0.10	<0.05	6.7	0.022
27922	Core	<10	26.6	57.7	<0.002	0.420	1.47	4.5	<1.0	2.4	33.7	0.15	<0.05	10.3	0.037
27923	Core	<10	20.5	229.3	0.004	0.936	2.55	17.4	<1.0	2.8	75.8	0.35	0.06	15.6	0.095
27924	Core	<10	15.4	213.7	0.004	0.876	3.35	18.4	1.1	2.7	112.6	0.56	<0.05	15.8	0.113
27925	Core	<10	29.3	194.8	<0.002	1.148	6.07	16.4	<1.0	2.5	174.5	0.44	0.07	12.6	0.107
27926	Core	<10	23.9	180.2	0.002	1.144	4.92	17.3	<1.0	2.3	262.8	0.37	<0.05	13.6	0.110
27927	Core	<10	19.8	165.2	0.003	0.950	4.25	16.7	<1.0	2.4	244.7	0.42	0.15	13.0	0.102
27928	Core	<10	31.8	192.0	0.004	1.412	6.99	18.7	<1.0	2.7	235.9	0.30	0.07	11.3	0.070
27929	Core	<10	39.3	191.8	0.002	1.335	5.89	17.1	<1.0	2.6	231.2	0.31	0.10	11.0	0.080
27930	Core	<10	16.6	175.9	0.005	0.573	2.00	15.2	1.2	2.5	179.2	0.42	<0.05	13.3	0.092
27931	Core	<10	8.2	126.7	0.003	0.656	1.45	10.4	<1.0	2.3	62.7	0.36	<0.05	15.1	0.080
27932	Core	<10	9.0	39.2	0.002	0.169	0.57	1.7	<1.0	10.4	25.9	0.11	<0.05	6.2	0.027
27933	Core	<10	3.8	31.1	<0.002	0.186	0.59	1.6	<1.0	7.5	17.1	0.08	<0.05	5.6	0.019

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27873	Core	0.14	1.3	23	1.1	3.4	206	41.4
27874	Core	0.12	1.2	21	2.4	3.8	105	34.7
27875	Core	1.49	5.7	180	7.6	11.1	150	146.0
27876	Core	0.20	1.3	30	1.5	3.5	56	40.6
27877	Core	0.23	1.1	25	1.6	3.1	155	40.0
27878	Core	0.19	1.1	18	1.9	2.3	68	29.4
27879	Core	0.28	1.6	38	4.7	3.8	260	48.3
27880	Core	0.16	1.2	22	2.3	3.3	145	34.1
27881	Core	1.17	4.1	143	2.0	7.5	136	76.6
27882	Core	1.09	4.2	150	1.7	8.3	137	92.5
27883	Core	0.99	4.1	141	2.5	8.7	138	95.9
27884	Core	0.12	0.8	20	6.3	3.1	81	27.4
27885	Core	0.13	1.1	21	3.1	3.3	50	36.4
27886	Core	0.19	1.2	27	3.5	3.7	49	41.1
27887	Core	0.19	1.1	25	3.7	2.6	45	32.9
27888	Core	0.18	1.2	24	3.8	3.8	143	34.2
27889	Core	0.96	3.6	130	1.2	6.5	113	85.1
27890	Core	0.71	3.3	113	1.2	7.5	178	83.5
27891	Core	0.58	2.4	81	1.3	5.6	165	60.2
27892	Core	0.59	2.6	95	1.0	5.4	114	62.2
27893	Core	0.27	1.4	54	0.6	3.9	47	45.7
27894	Core	0.68	3.2	114	1.3	7.1	102	72.4
27895	Core	0.96	4.1	145	1.2	7.6	123	79.8
27896	Core	1.12	4.1	148	1.0	6.0	129	76.4
27897	Core	1.01	3.8	145	1.2	5.7	123	75.4
27898	Core	0.92	3.3	128	1.4	5.9	97	67.4
27899	Core	0.90	3.4	129	1.6	4.8	113	64.7
27900	Core	11.79	8.0	433	35.9	26.2	263	70.7
27901	Core	0.90	3.2	127	1.5	4.8	113	57.7
27902	Core	0.99	3.5	140	1.4	5.4	111	63.3
27903	Core	0.32	1.6	61	0.7	4.9	57	43.3
27904	Core	0.60	2.0	101	1.3	6.1	68	54.2
27905	Core	0.36	1.5	69	0.6	5.2	59	40.5
27906	Core	1.13	3.3	151	1.3	5.1	98	69.2
27907	Core	1.15	3.8	154	1.9	6.0	122	73.0
27908	Core	1.08	4.0	160	3.1	6.3	112	87.3
27909	Core	0.97	3.6	125	4.0	6.8	65	101.9
27910	Core	0.07	0.6	10	1.3	1.4	19	17.9
27911	Core	0.10	1.0	17	1.0	2.4	16	36.8
27912	Core	0.14	1.1	19	1.5	2.7	49	39.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27913	Core	0.11	0.8	17	1.0	2.2	168	28.5
27914	Core	0.09	1.1	16	1.1	2.5	36	39.3
27915	Core	0.55	2.2	77	2.7	5.2	30	79.4
27916	Core	0.09	0.9	20	0.9	2.5	26	33.4
27917	Core	0.15	1.0	25	1.2	2.6	60	35.8
27918	Core	0.10	0.9	18	1.0	2.1	37	25.9
27919	Core	0.37	1.7	53	1.8	4.4	36	60.3
27920	Core	0.49	2.9	70	2.6	8.0	29	103.3
27921	Core	0.10	1.0	18	1.1	2.3	27	31.2
27922	Core	0.31	1.6	47	2.3	3.7	60	52.3
27923	Core	1.21	3.9	166	6.4	6.5	221	85.3
27924	Core	1.15	3.8	165	3.4	5.7	141	78.7
27925	Core	1.07	3.0	143	3.3	4.9	118	64.2
27926	Core	1.02	3.6	152	2.9	5.1	127	69.1
27927	Core	1.01	3.8	157	3.0	4.9	121	75.7
27928	Core	1.03	3.0	154	9.5	3.8	110	56.3
27929	Core	1.00	2.9	145	2.4	4.1	107	59.1
27930	Core	0.98	3.6	149	4.3	6.3	114	81.5
27931	Core	0.68	2.6	100	4.0	6.2	93	90.5
27932	Core	0.19	0.9	19	2.3	2.1	11	27.4
27933	Core	0.14	0.7	16	1.3	1.7	8	23.3

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27873	Core		0.25	2.28	41.7	107	0.63	0.09	0.10	3.11	26.59	4.4	221	1.14	10.5
27873 Dup			0.23	2.30	39.7	107	0.64	0.09	0.10	3.08	27.44	3.9	227	1.19	8.7
QCV1108-00867-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.63												1032.0
27891	Core		0.37	6.26	59.3	440	1.79	0.27	0.55	1.96	39.57	11.3	162	3.64	35.7
27891 Dup			0.35	6.25	57.2	418	1.64	0.26	0.56	1.94	36.11	12.1	167	3.45	35.1
QCV1108-00867-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.97												1080.4
27909	Core		0.22	8.90	49.0	704	3.41	0.27	0.08	0.11	29.33	15.2	219	8.04	58.6
27909 Dup			0.21	8.87	47.0	689	3.09	0.26	0.08	0.06	30.42	14.8	211	8.33	54.9
QCV1108-00867-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.69												1056.0
27927	Core		0.19	>10	23.9	832	4.04	0.48	0.38	0.09	31.63	19.8	107	8.41	54.6
27927 Dup			0.20	>10	24.4	917	3.91	0.48	0.39	0.08	27.83	20.6	107	9.06	56.6
QCV1108-00867-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.75		8.9	464	3.66	8.02		0.17	92.95	24.3		7.30	>10000
27873	Core	<0.005													
27873 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.721													
27891	Core	0.021													
27891 Dup		0.019													
QCV1108-01221-0004-BLK		<0.005													
27909	Core	0.063													
27909 Dup		0.069													
27927	Core	0.007													
27927 Dup		0.011													
QCV1108-01221-0008-BLK		0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.413													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27873	Core	1.07	5.07	0.28	2.3	0.02	0.51	11.3	8.0	0.14	209	0.90	0.11	3.4	9.4
27873 Dup		1.06	4.95	0.32	2.1	0.03	0.52	11.7	7.8	0.15	208	0.77	0.12	2.1	8.3
QCV1108-00867-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27891	Core	3.15	14.93	0.17	2.2	0.07	1.88	19.3	35.9	0.76	651	0.46	0.27	2.0	28.9
27891 Dup		3.18	14.83	0.12	2.2	0.07	1.79	17.7	34.2	0.77	662	0.47	0.26	2.0	27.4
QCV1108-00867-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27909	Core	2.93	24.94	0.20	3.3	0.07	2.72	14.1	42.0	0.47	390	0.95	0.24	2.3	28.5
27909 Dup		2.88	23.30	0.23	3.2	0.07	2.79	14.6	40.7	0.47	386	0.87	0.25	2.2	27.2
QCV1108-00867-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27927	Core	4.70	26.00	0.14	2.7	0.08	3.00	15.8	53.3	0.87	347	0.79	0.50	3.1	39.3
27927 Dup		4.67	28.72	0.20	2.6	0.09	3.00	14.3	56.8	0.89	345	0.66	0.51	2.9	41.9
QCV1108-00867-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.96		3.9	1.27		44.3	26.9			0.94		14.8	45.6

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27873	Core	<10	15.0	26.8	0.003	0.075	0.75	1.8	<1.0	0.8	13.5	0.22	<0.05	9.4	0.019
27873 Dup		<10	12.3	25.3	0.003	0.071	0.69	1.9	<1.0	0.7	12.4	0.18	<0.05	9.0	0.020
QCV1108-00867-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27891	Core	<10	83.2	100.9	0.002	0.422	0.97	9.1	<1.0	2.4	76.1	0.25	<0.05	12.4	0.053
27891 Dup		<10	79.6	96.5	<0.002	0.418	0.98	9.1	<1.0	2.3	72.5	0.25	<0.05	12.7	0.053
QCV1108-00867-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27909	Core	<10	14.5	171.8	0.002	0.463	1.63	14.4	1.3	2.2	94.3	0.33	0.06	18.4	0.066
27909 Dup		<10	13.2	165.2	0.003	0.451	1.75	13.7	<1.0	2.2	93.1	0.34	<0.05	17.4	0.065
QCV1108-00867-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27927	Core	<10	19.8	165.2	0.003	0.950	4.25	16.7	<1.0	2.4	244.7	0.42	0.15	13.0	0.102
27927 Dup		<10	21.6	194.8	0.003	0.949	4.63	19.4	<1.0	2.6	264.1	0.50	0.11	13.6	0.089
QCV1108-00867-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.5	207.3	0.005	1.306	2.57	14.3	13.9	24.0	36.4	1.40	0.10	17.8	

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11-360-05905-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27873	Core	0.14	1.3	23	1.1	3.4	206	41.4
27873 Dup		0.14	1.3	24	1.0	3.4	207	46.8
QCV1108-00867-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27891	Core	0.58	2.4	81	1.3	5.6	165	60.2
27891 Dup		0.56	2.4	81	1.3	5.3	162	57.4
QCV1108-00867-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27909	Core	0.97	3.6	125	4.0	6.8	65	101.9
27909 Dup		0.95	3.6	123	3.6	7.0	63	98.2
QCV1108-00867-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27927	Core	1.01	3.8	157	3.0	4.9	121	75.7
27927 Dup		1.00	3.7	157	2.9	5.2	119	72.5
QCV1108-00867-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.2			26.0	185	112.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Chris Buchanan
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Attention: Jim McFaull
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Attention: Melanie Debnam

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 1**
Description: **3 ACE**

Date Received: 08/09/2011
Date Completed: 09/13/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	24	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27934	Core	0.008	0.26	>10	25.0	758	3.31	0.41	0.76	0.09	25.67	24.0	125	17.78	55.3
27935	Core	0.008	0.21	>10	26.8	753	3.21	0.43	0.74	0.10	28.32	23.5	127	19.05	53.2
27936	Core	<0.005	0.09	0.05	<0.2	17	0.06	0.01	>10	0.06	1.13	1.3	5	0.22	2.2
27937	Core	<0.005	0.19	>10	14.8	915	3.33	0.41	0.27	0.06	23.80	24.5	123	9.58	55.7
27938	Core	<0.005	0.08	3.87	2.6	218	0.77	0.09	1.52	0.03	38.26	3.6	324	2.61	18.6
27939	Core	<0.005	0.15	9.86	22.4	802	3.03	0.43	0.98	0.06	13.28	20.6	83	10.67	60.2
27940	Core	0.025	0.22	>10	42.2	869	3.39	0.53	0.28	0.14	35.67	21.4	104	11.67	55.7
27941	Core	0.010	0.22	>10	41.1	874	3.51	0.55	0.27	0.15	65.66	21.5	113	10.74	59.0
27942	Core	<0.005	0.20	>10	36.2	889	3.25	0.51	0.30	0.10	44.96	21.6	117	10.61	55.0
27943	Core	<0.005	0.15	>10	28.6	854	3.25	0.51	0.24	0.10	12.28	20.4	82	11.00	47.6
27944	Core	<0.005	0.16	>10	25.7	854	3.15	0.46	0.22	0.05	19.26	20.2	89	11.22	46.8
27945	Core	<0.005	0.19	>10	26.0	839	3.47	0.46	0.20	0.09	38.47	21.0	105	11.06	54.8
27946	Core	<0.005	0.18	>10	30.9	824	3.36	0.49	0.17	0.06	33.66	20.7	103	11.77	51.7
27947	Core	0.016	0.17	8.39	42.8	582	1.97	0.31	1.62	0.06	40.03	16.6	180	15.64	44.9
27948	Core	0.047	0.24	>10	58.0	798	3.08	0.47	0.31	0.09	57.96	20.6	130	17.62	49.1
27949	Core	<0.005	0.05	3.44	10.4	242	0.88	0.07	2.74	0.03	29.99	3.1	175	5.27	13.6
27950	Core	0.011	0.13	>10	27.6	762	2.49	0.37	1.42	0.07	21.72	13.8	165	13.45	38.5
27951	Core	<0.005	0.50	>10	24.4	962	3.68	0.45	0.43	0.08	35.16	24.2	119	12.66	51.8
27952	Core	<0.005	0.24	>10	16.0	884	3.23	0.37	0.57	0.08	28.58	22.1	170	9.59	49.5
27953	Core	<0.005	0.09	4.32	3.0	222	0.76	0.10	0.76	<0.02	33.43	8.0	197	2.52	14.8
27954	Core	<0.005	0.12	5.88	4.3	321	1.24	0.12	1.94	0.03	36.33	10.4	150	3.64	21.7
27955	Core	<0.005	0.13	6.24	8.3	383	1.50	0.17	0.67	0.03	27.36	12.5	198	4.08	24.9
27956	Core	<0.005	0.08	1.82	3.7	75	0.25	0.05	0.53	0.02	28.40	3.6	223	1.13	6.1
27957	Core	0.006	0.14	5.26	11.0	368	1.37	0.16	0.95	0.07	37.07	11.0	345	4.44	26.1

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11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27934	Core	4.99	27.84	1.84	4.0	0.07	2.71	16.2	68.7	0.95	781	0.84	0.38	6.4	46.5
27935	Core	4.82	27.50	2.01	3.0	0.07	2.61	15.2	66.7	0.89	759	0.83	0.37	3.8	44.3
27936	Core	0.44	0.19	<0.05	0.7	<0.01	0.02	0.6	0.9	>10	216	<0.05	<0.01	1.2	<0.2
27937	Core	4.82	31.77	1.67	3.1	0.08	3.19	12.5	50.2	0.86	384	0.68	0.50	4.3	48.0
27938	Core	3.66	10.23	1.19	2.1	0.02	0.77	18.8	42.1	0.98	1367	0.76	0.08	2.0	15.8
27939	Core	4.73	27.06	1.64	2.6	0.07	2.62	7.7	47.4	0.98	879	0.85	0.42	2.0	41.1
27940	Core	5.10	26.64	1.56	3.1	0.07	2.96	19.7	66.0	0.84	510	3.20	0.46	3.6	45.7
27941	Core	5.17	26.73	1.56	3.4	0.07	3.01	35.2	47.8	0.88	479	2.12	0.48	4.3	44.6
27942	Core	4.46	26.56	1.53	3.2	0.07	2.94	24.6	45.3	0.77	512	2.54	0.48	3.6	42.9
27943	Core	5.31	26.21	1.42	2.9	0.07	2.87	7.5	46.9	1.09	556	1.71	0.47	2.0	44.0
27944	Core	5.60	27.27	1.52	3.0	0.07	2.81	11.9	48.1	1.18	524	1.01	0.48	3.6	43.3
27945	Core	5.03	26.47	1.52	3.1	0.07	2.93	22.3	49.3	1.05	471	1.48	0.51	3.7	45.1
27946	Core	5.12	25.86	1.58	2.9	0.08	2.83	18.9	45.1	0.96	446	1.06	0.50	3.9	42.1
27947	Core	4.33	20.76	1.46	2.9	0.05	2.23	21.9	178.4	1.25	851	0.72	0.38	3.1	33.7
27948	Core	4.86	26.95	1.55	3.4	0.07	2.96	32.3	101.4	0.99	502	1.45	0.46	4.6	43.1
27949	Core	3.62	9.32	1.19	1.8	0.02	0.89	15.0	130.0	1.38	1734	0.45	0.13	1.6	16.1
27950	Core	3.73	26.78	1.68	3.0	0.06	2.85	12.1	101.3	1.08	771	0.58	0.59	3.5	30.9
27951	Core	4.64	30.16	1.56	3.3	0.07	3.31	19.1	61.8	1.00	398	0.75	0.57	4.5	46.9
27952	Core	4.27	28.58	1.54	3.2	0.07	3.26	15.3	65.3	0.95	293	0.60	0.46	3.4	42.2
27953	Core	2.29	11.62	1.08	2.5	0.02	0.82	15.7	22.3	0.54	404	0.49	0.32	2.2	16.0
27954	Core	2.95	15.68	1.37	2.8	0.03	1.20	18.0	33.5	0.84	690	0.44	0.84	2.9	22.8
27955	Core	3.00	16.49	1.30	3.1	0.03	1.69	13.4	30.4	0.67	293	0.55	0.19	2.7	26.1
27956	Core	1.02	4.64	0.88	1.8	0.01	0.31	12.5	15.5	0.24	303	0.49	0.07	1.0	8.5
27957	Core	2.78	14.67	1.24	2.8	0.03	1.57	19.2	23.5	0.63	400	0.88	0.14	2.9	23.6

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11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27934	Core	161	32.8	166.2	<0.002	1.608	4.19	19.7	1.2	2.5	161.7	0.96	0.21	19.6	0.075
27935	Core	152	31.8	168.8	<0.002	1.614	4.21	17.5	<1.0	2.5	159.8	0.54	0.19	16.6	0.077
27936	Core	120	2.6	1.0	<0.002	0.207	<0.05	0.6	<1.0	0.2	43.1	1.00	<0.05	0.7	<0.005
27937	Core	207	28.0	187.7	<0.002	1.355	3.25	19.5	1.2	2.7	227.9	0.63	0.11	16.4	0.098
27938	Core	107	4.5	44.0	<0.002	0.125	0.33	5.3	<1.0	0.9	63.1	0.22	0.09	11.7	0.039
27939	Core	165	45.8	162.7	0.004	1.979	2.71	17.2	1.3	2.2	215.0	0.30	0.24	14.0	0.050
27940	Core	104	48.1	178.1	0.005	2.915	6.10	17.6	1.6	2.5	192.6	0.47	0.31	16.2	0.091
27941	Core	166	51.0	177.5	0.003	2.837	5.80	17.9	1.7	2.6	193.2	0.49	0.22	18.3	0.102
27942	Core	154	45.4	176.8	0.005	2.580	4.43	17.6	1.2	2.5	194.9	0.42	0.24	16.5	0.089
27943	Core	120	41.5	171.3	0.003	2.353	2.77	17.0	<1.0	2.3	185.1	0.32	0.28	14.4	0.058
27944	Core	142	39.5	170.4	0.003	2.295	2.18	17.4	1.4	2.3	183.1	0.41	0.23	14.5	0.073
27945	Core	139	40.5	176.7	0.003	2.349	1.92	17.6	1.1	2.4	186.5	0.51	0.21	15.7	0.069
27946	Core	131	40.4	172.4	0.004	2.444	3.01	17.0	1.5	2.3	178.5	0.51	0.28	15.6	0.071
27947	Core	106	18.0	128.4	0.003	1.247	4.50	12.2	<1.0	2.2	242.2	0.36	0.09	15.1	0.061
27948	Core	152	35.3	173.4	0.004	2.380	9.37	16.8	<1.0	2.6	192.1	0.49	0.31	17.1	0.087
27949	Core	76	2.5	54.9	0.003	0.104	0.75	4.9	<1.0	0.7	156.9	0.16	0.07	9.4	0.029
27950	Core	127	18.2	160.9	0.002	0.987	4.68	15.5	<1.0	2.1	244.2	0.42	0.12	17.1	0.068
27951	Core	149	29.6	189.5	<0.002	1.564	5.03	18.8	1.1	2.5	228.1	0.52	0.15	17.9	0.096
27952	Core	936	22.7	185.8	<0.002	0.959	3.27	17.4	<1.0	2.5	216.5	0.41	0.14	18.1	0.074
27953	Core	60	14.5	48.7	<0.002	0.113	0.43	5.3	<1.0	1.0	50.4	0.22	<0.05	13.1	0.045
27954	Core	81	22.9	70.3	<0.002	0.148	0.56	7.8	<1.0	1.2	112.0	0.28	<0.05	14.2	0.053
27955	Core	261	14.0	88.2	<0.002	0.212	1.10	8.7	<1.0	1.4	70.4	0.25	<0.05	16.5	0.053
27956	Core	53	7.8	17.7	0.002	0.048	0.46	2.0	<1.0	0.5	21.2	0.11	<0.05	10.0	0.021
27957	Core	123	24.7	86.5	<0.002	0.230	1.22	7.4	<1.0	1.6	88.4	0.25	<0.05	15.5	0.052

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Certificate of Analysis

11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27934	Core	0.85	3.7	158	4.5	6.0	106	73.5
27935	Core	0.91	3.9	157	4.6	5.6	101	74.0
27936	Core	<0.02	0.5	317	0.2	0.7	17	11.3
27937	Core	1.01	3.7	182	2.5	5.4	111	77.3
27938	Core	0.24	1.4	69	1.3	4.5	69	44.6
27939	Core	0.83	3.1	149	1.4	4.9	103	62.4
27940	Core	1.00	3.9	164	2.2	5.0	114	73.3
27941	Core	0.96	3.9	162	2.2	6.0	116	79.3
27942	Core	0.95	3.7	157	1.8	5.3	106	78.5
27943	Core	0.95	3.7	161	1.6	4.3	106	65.1
27944	Core	0.90	3.6	160	1.5	4.5	115	68.8
27945	Core	0.93	3.6	161	1.5	4.9	108	74.1
27946	Core	0.96	3.7	159	1.5	4.5	105	69.7
27947	Core	0.70	2.6	127	2.3	5.8	98	64.5
27948	Core	0.95	3.6	154	2.9	7.7	115	78.7
27949	Core	0.31	1.2	69	1.0	4.5	60	34.8
27950	Core	0.86	3.3	152	2.1	5.6	101	68.7
27951	Core	1.05	3.9	173	1.6	5.2	112	76.3
27952	Core	0.99	3.8	170	0.7	7.7	100	85.5
27953	Core	0.24	1.7	66	0.4	4.6	45	65.3
27954	Core	0.34	2.1	89	0.4	6.7	61	73.3
27955	Core	0.46	2.6	98	0.5	5.5	67	80.2
27956	Core	0.10	1.2	26	0.4	3.4	23	49.5
27957	Core	0.45	2.0	86	1.0	5.4	62	74.2

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Certificate of Analysis

11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27934	Core		0.26	>10	25.0	758	3.31	0.41	0.76	0.09	25.67	24.0	125	17.78	55.3
27934 Dup			0.24	>10	24.4	739	3.01	0.44	0.76	0.09	32.05	23.1	129	17.21	52.1
QCV1108-00881-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.18												1005.1
27952	Core		0.24	>10	16.0	884	3.23	0.37	0.57	0.08	28.58	22.1	170	9.59	49.5
27952 Dup			0.23	>10	17.1	912	3.45	0.36	0.57	0.12	32.53	23.5	171	9.85	65.1
QCV1108-00881-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.46		7.2	413	2.72	8.15		0.16	84.16	23.2		6.92	>10000
27934	Core	0.008													
27934 Dup		0.009													
27952	Core	<0.005													
27952 Dup		0.006													
QCV1108-01233-0004-BLK		0.006													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.876													

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11-360-05906-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27934	Core	4.99	27.84	1.84	4.0	0.07	2.71	16.2	68.7	0.95	781	0.84	0.38	6.4	46.5
27934 Dup		4.97	27.09	1.90	3.6	0.06	2.73	17.3	66.0	0.94	776	0.80	0.38	5.4	45.2
QCV1108-00881-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27952	Core	4.27	28.58	1.54	3.2	0.07	3.26	15.3	65.3	0.95	293	0.60	0.46	3.4	42.2
27952 Dup		4.31	29.87	1.64	3.3	0.07	3.24	16.2	67.9	0.97	295	0.67	0.47	3.9	44.7
QCV1108-00881-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.90		5.0	1.06		41.9	25.5			0.81		14.9	40.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27934	Core	161	32.8	166.2	<0.002	1.608	4.19	19.7	1.2	2.5	161.7	0.96	0.21	19.6	0.075
27934 Dup		164	33.1	165.2	0.004	1.625	4.18	18.0	<1.0	2.5	157.2	0.77	0.13	17.4	0.095
QCV1108-00881-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27952	Core	936	22.7	185.8	<0.002	0.959	3.27	17.4	<1.0	2.5	216.5	0.41	0.14	18.1	0.074
27952 Dup		927	23.7	193.9	<0.002	0.971	3.34	17.8	<1.0	2.6	224.0	0.49	0.13	17.9	0.092
QCV1108-00881-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.5	176.7	<0.002	1.231	2.79	13.1	13.5	21.0	32.9	1.39	0.08	22.7	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27934	Core	0.85	3.7	158	4.5	6.0	106	73.5
27934 Dup		0.94	3.9	159	4.7	5.7	107	74.0
QCV1108-00881-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27952	Core	0.99	3.8	170	0.7	7.7	100	85.5
27952 Dup		0.95	3.8	171	0.9	9.7	113	84.5
QCV1108-00881-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.85	3.2			23.9	177	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Vol 8-63
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Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 1**
Description: **3 ACE**

Date Received: 08/10/2011
Date Completed: 08/23/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	55	Core	

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-05907-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27958	Core	<0.005	0.20	>10	19.5	695	3.91	0.49	0.15	0.07	119.69	17.0	115	7.42	36.1
27959	Core	<0.005	0.15	>10	10.5	663	4.27	0.43	0.12	0.06	104.99	15.6	100	8.38	37.6
27960	Core	<0.005	0.17	>10	11.6	708	4.11	0.42	0.32	0.04	131.72	18.8	99	8.84	40.4
27961	Core	0.006	0.18	>10	13.4	658	4.04	0.47	0.53	0.09	126.92	19.0	109	8.25	40.5
27962	Core	0.084	0.14	>10	13.6	685	4.29	0.35	0.32	0.08	127.83	21.4	104	8.81	42.3
27963	Core	0.005	0.16	>10	12.3	646	3.33	0.52	1.59	0.10	112.58	21.9	103	8.36	42.3
27964	Core	0.005	0.15	>10	10.8	664	3.86	0.50	0.28	0.08	99.39	19.2	108	8.50	50.0
27965	Core	0.006	0.16	>10	9.2	677	4.41	0.49	0.21	0.05	113.48	17.7	103	8.91	42.5
27966	Core	0.006	0.17	>10	16.0	727	4.43	0.57	0.21	0.09	129.93	21.6	115	9.74	50.8
27967	Core	0.008	0.20	>10	13.4	805	4.33	0.59	0.24	0.08	146.03	21.5	122	10.57	47.4
27968	Core	0.006	0.17	>10	11.6	747	4.21	0.44	0.34	0.06	146.98	20.4	101	9.29	46.5
27969	Core	0.008	0.14	>10	11.4	644	3.51	0.43	0.87	0.08	120.21	19.2	98	7.97	41.8
27970	Core	7.670	0.67	3.03	1019.9	192	0.82	0.63	>10	4.56	35.43	6.7	99	7.31	33.3
27971	Core	0.015	0.13	>10	11.8	622	3.08	0.43	0.65	0.07	121.99	20.7	108	8.01	45.4
27972	Core	0.012	0.15	>10	14.5	772	3.16	0.42	1.02	0.07	106.07	17.3	111	10.33	42.8
27973	Core	0.015	0.16	>10	12.8	818	3.85	0.36	0.18	0.07	116.76	19.7	119	9.73	41.0
27974	Core	0.009	0.20	>10	26.8	806	3.96	0.49	0.14	0.10	118.98	15.0	102	8.90	53.4
27975	Core	0.011	0.26	>10	17.5	812	3.74	0.46	0.14	0.11	111.92	18.1	104	8.49	41.7
27976	Core	0.008	0.18	>10	17.6	934	4.60	0.50	0.14	0.09	126.53	18.4	101	10.00	41.3
27977	Core	0.010	0.18	>10	17.7	782	3.73	0.45	0.39	0.08	91.03	18.5	101	8.48	42.2
27978	Core	0.008	0.21	>10	13.5	936	4.17	0.52	0.13	0.10	106.98	23.4	104	10.09	51.3
27979	Core	0.007	0.24	>10	14.6	882	3.94	0.45	0.21	0.06	109.31	19.6	104	9.65	48.3
27980	Core	0.009	0.21	>10	21.0	954	4.22	0.46	0.22	0.09	118.42	23.5	100	10.07	44.8
27981	Core	0.007	0.26	>10	17.6	829	3.90	0.45	0.17	0.10	101.63	20.1	102	9.47	44.9
27982	Core	0.006	0.16	>10	21.9	966	3.99	0.46	0.24	0.07	103.37	20.4	107	11.93	46.1
27983	Core	0.010	0.18	>10	60.7	908	4.52	0.46	0.10	0.10	91.25	20.9	103	16.33	48.7
27984	Core	0.035	0.16	9.58	107.8	754	3.66	0.34	0.16	0.16	80.55	13.7	150	19.40	38.8
27985	Core	0.092	0.10	1.96	56.3	80	0.51	0.11	0.04	0.29	22.18	7.7	183	6.03	28.9
27986	Core	1.261	0.40	>10	601.6	844	4.11	0.42	0.10	0.53	96.32	11.2	127	20.34	84.9
27987	Core	0.013	0.14	>10	87.0	959	3.69	0.49	0.13	0.08	102.11	22.1	114	9.37	41.8
27988	Core	0.010	0.13	8.43	64.4	728	2.99	0.35	0.08	0.13	84.72	19.2	173	7.02	28.9
27989	Core	0.006	0.17	>10	64.6	1015	3.91	0.48	0.10	0.12	118.65	22.0	111	9.63	49.3
27990	Core	0.009	0.15	>10	32.6	997	4.39	0.45	0.10	0.09	106.69	24.9	106	8.85	47.6
27991	Core	0.007	0.15	>10	23.8	1003	4.65	0.42	0.10	0.09	109.88	21.9	104	9.07	44.1
27992	Core	0.006	0.33	>10	18.2	925	3.76	0.41	0.11	0.03	82.03	18.3	118	7.86	37.7
27993	Core	<0.005	0.18	>10	25.8	1007	3.82	0.47	0.08	0.09	99.52	21.2	101	8.47	50.3
27994	Core	0.008	0.15	>10	7.6	947	3.75	0.45	0.13	0.13	102.38	17.8	110	8.22	39.3
27995	Core	0.007	0.28	>10	44.7	1102	4.41	0.39	0.15	0.10	109.75	19.7	106	9.51	41.2
27996	Core	0.009	0.16	9.97	8.3	952	3.38	0.45	0.15	0.13	107.11	18.9	112	7.58	44.5
27997	Core	0.010	0.12	>10	9.9	1267	4.41	0.43	0.14	0.06	143.83	21.6	100	8.63	45.7

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Certificate of Analysis

11-360-05907-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27998	Core	0.008	0.18	>10	13.8	1019	4.42	0.43	0.11	0.09	111.94	20.4	100	8.76	45.5
27999	Core	0.006	0.29	>10	12.0	972	4.23	0.48	0.13	0.07	106.50	22.1	98	8.49	46.2
28000	Core	0.008	0.23	>10	13.7	1021	4.74	0.43	0.12	0.08	108.71	21.6	100	8.81	44.6
28001	Core	<0.005	0.16	>10	13.6	1008	3.89	0.45	0.12	0.16	108.08	20.6	115	8.91	44.0
28002	Core	0.007	0.16	>10	23.7	1026	4.14	0.43	0.10	0.10	83.79	20.1	100	8.84	44.0
28003	Core	0.028	0.54	>10	63.8	894	3.41	0.47	0.08	0.15	60.65	16.3	116	10.48	31.1
28004	Core	0.017	0.27	9.67	22.7	969	3.62	0.41	0.10	0.07	81.91	18.9	111	7.80	44.8
28005	Core	0.008	0.18	>10	24.7	973	3.79	0.42	0.12	0.08	101.03	18.2	106	8.42	37.3
28006	Core	0.015	0.24	>10	41.3	904	4.27	0.48	0.13	0.11	93.92	21.6	127	8.69	45.0
28007	Core	0.010	0.24	>10	33.6	1032	4.56	0.47	0.16	0.10	128.80	20.7	104	9.42	45.8
28008	Core	0.014	0.20	>10	44.3	903	4.19	0.40	0.18	0.06	81.39	16.3	106	9.20	42.4
28009	Core	0.046	0.31	>10	123.9	909	3.96	0.40	0.14	1.22	57.32	16.4	287	9.33	51.2
28010	Core	0.029	0.20	>10	98.7	951	4.50	0.40	0.12	1.15	71.27	15.5	125	9.41	50.9
28011	Core	0.005	0.15	0.10	1.3	28	0.11	0.05	>10	0.07	1.32	2.0	8	0.54	4.5
28012	Core	0.038	0.12	3.14	89.4	177	0.96	0.11	0.13	1.28	33.01	6.3	179	2.00	11.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27958	Core	5.45	28.62	1.73	3.1	0.09	2.34	58.9	134.4	1.33	523	0.35	0.90	3.4	53.5
27959	Core	5.30	29.72	1.60	2.5	0.09	2.25	55.8	160.0	1.29	398	0.30	0.93	3.8	52.6
27960	Core	5.41	31.10	1.72	2.6	0.09	2.27	69.1	170.6	1.31	551	0.35	0.93	4.1	51.8
27961	Core	5.51	29.27	1.75	2.9	0.09	2.20	65.1	148.8	1.34	511	0.38	0.86	4.3	51.3
27962	Core	5.74	30.87	1.80	2.8	0.09	2.17	67.4	170.4	1.36	458	0.44	0.84	3.5	53.8
27963	Core	5.58	29.83	1.50	2.9	0.09	2.18	59.3	150.2	1.31	920	0.42	0.80	2.8	52.0
27964	Core	5.31	29.86	1.61	2.7	0.09	2.31	50.5	146.0	1.26	506	0.35	0.90	2.9	50.5
27965	Core	5.38	29.89	1.57	2.7	0.10	2.33	59.8	158.5	1.27	447	0.32	0.94	2.8	50.5
27966	Core	5.55	31.71	1.75	2.4	0.09	2.65	65.1	161.9	1.34	393	0.21	1.06	3.3	56.3
27967	Core	5.98	35.90	1.62	3.0	0.10	2.67	73.5	177.0	1.46	463	0.35	1.04	5.2	57.9
27968	Core	5.34	31.77	1.59	2.8	0.09	2.33	75.1	175.3	1.30	613	0.35	0.97	4.5	50.4
27969	Core	5.31	27.38	1.45	2.8	0.08	2.21	61.6	144.8	1.26	769	0.33	0.88	3.4	50.4
27970	Core	1.33	6.79	0.18	1.8	0.07	1.19	19.1	8.0	0.75	278	11.60	<0.01	7.4	63.1
27971	Core	5.32	28.64	1.39	2.7	0.09	2.28	59.4	121.8	1.27	774	0.37	0.90	3.5	52.2
27972	Core	5.11	30.31	1.36	2.4	0.09	2.61	56.1	131.8	1.20	627	0.25	0.90	3.2	51.9
27973	Core	5.03	31.52	1.62	2.6	0.08	2.63	61.9	133.0	1.10	710	0.45	0.77	4.0	48.1
27974	Core	5.18	28.95	1.60	2.7	0.08	2.88	61.0	127.3	1.21	450	0.26	0.77	3.9	49.9
27975	Core	5.48	29.46	1.54	2.6	0.08	2.74	58.6	122.8	1.25	592	0.29	0.71	3.3	52.1
27976	Core	5.50	32.47	1.65	2.7	0.10	2.77	67.0	144.9	1.25	474	0.42	0.68	3.8	52.1
27977	Core	5.55	27.91	1.25	2.7	0.08	2.69	48.1	118.1	1.19	874	0.34	0.61	2.9	51.0
27978	Core	5.54	30.72	1.63	2.8	0.09	2.93	55.3	127.7	1.25	488	0.37	0.64	3.0	55.1
27979	Core	5.37	28.96	1.64	2.9	0.09	2.80	58.2	116.5	1.15	816	0.41	0.54	3.3	52.2
27980	Core	5.38	32.14	1.71	2.8	0.09	2.74	61.0	120.6	1.14	668	0.40	0.49	4.4	51.5
27981	Core	5.28	29.19	1.49	3.3	0.08	2.87	51.8	112.1	1.08	757	0.32	0.47	3.6	50.5
27982	Core	5.15	29.32	1.42	2.8	0.09	3.07	55.5	125.4	0.90	677	0.34	0.43	3.3	47.9
27983	Core	5.05	28.34	1.26	3.2	0.08	3.36	47.4	225.5	0.69	683	0.37	0.42	3.9	49.1
27984	Core	4.67	24.95	1.07	2.5	0.08	3.23	41.7	142.9	0.85	469	0.43	0.28	2.9	33.7
27985	Core	2.47	4.53	1.31	0.8	0.02	0.57	10.3	103.0	0.37	588	0.43	0.03	0.6	14.8
27986	Core	4.90	29.34	1.29	2.8	0.09	3.71	50.7	32.3	0.79	542	0.43	0.24	2.6	29.0
27987	Core	5.25	29.94	1.35	2.7	0.09	3.07	55.2	145.6	0.68	761	0.37	0.47	2.6	50.5
27988	Core	4.52	23.97	1.55	2.1	0.06	2.19	47.0	105.8	0.83	683	0.54	0.38	2.5	44.1
27989	Core	4.79	33.78	1.73	2.8	0.09	3.03	62.7	126.4	1.01	599	0.47	0.61	3.4	49.1
27990	Core	5.38	32.18	1.77	2.9	0.09	2.77	55.1	140.3	1.11	669	0.36	0.56	3.0	51.5
27991	Core	5.06	33.23	1.78	2.8	0.09	2.90	55.4	135.6	1.12	575	0.41	0.61	3.3	49.2
27992	Core	4.73	30.25	1.40	2.8	0.08	2.88	43.7	111.7	1.03	529	0.39	0.59	2.1	47.8
27993	Core	5.26	30.75	1.45	2.8	0.09	2.85	49.3	127.2	1.01	526	0.35	0.56	2.5	51.8
27994	Core	4.87	29.77	1.28	2.6	0.09	2.86	50.5	110.4	0.94	534	0.35	0.59	1.6	46.1
27995	Core	5.11	33.75	1.45	2.4	0.10	2.99	57.2	127.7	1.03	632	0.37	0.66	2.1	47.3
27996	Core	5.37	27.37	0.10	2.4	0.07	1.98	57.5	106.9	1.08	605	0.37	0.54	2.2	50.3
27997	Core	5.00	31.74	0.12	2.6	0.09	2.13	81.2	127.9	1.05	573	0.51	0.59	2.2	49.4

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11-360-05907-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27998	Core	4.94	33.63	1.55	2.8	0.09	2.82	58.9	129.7	1.07	571	0.40	0.59	3.1	46.8
27999	Core	5.34	32.20	1.54	3.0	0.09	2.75	58.0	131.6	1.18	632	0.42	0.53	3.4	49.0
28000	Core	4.75	31.45	1.47	2.6	0.10	2.96	56.9	119.6	1.03	581	0.43	0.57	3.3	44.6
28001	Core	4.76	32.49	1.36	2.5	0.09	3.11	57.0	111.1	1.00	603	0.45	0.60	2.6	45.5
28002	Core	4.54	32.11	<0.05	2.4	0.10	1.72	44.9	107.2	0.88	556	0.40	0.51	2.3	46.6
28003	Core	4.49	28.70	1.11	2.6	0.08	3.02	32.3	77.6	0.67	434	0.68	0.38	2.9	41.1
28004	Core	5.11	28.56	0.86	2.9	0.07	2.89	40.8	96.1	1.05	555	0.42	0.34	4.0	44.9
28005	Core	5.05	29.85	1.51	2.8	0.10	3.18	52.1	96.3	1.10	493	0.37	0.37	3.5	47.9
28006	Core	5.81	28.80	1.30	2.8	0.09	3.29	49.3	84.2	0.81	533	0.50	0.30	3.0	53.0
28007	Core	4.69	33.63	1.46	3.0	0.10	3.31	66.3	78.4	0.81	445	0.43	0.34	7.5	44.9
28008	Core	4.09	29.61	1.19	2.7	0.09	2.96	43.5	50.5	0.36	534	0.43	0.28	3.9	38.1
28009	Core	3.21	30.06	1.25	2.1	0.08	3.18	30.2	38.6	0.26	400	0.90	0.28	3.2	41.0
28010	Core	2.85	30.77	1.32	2.1	0.08	3.19	37.8	40.2	0.25	330	0.45	0.28	4.4	35.8
28011	Core	0.50	0.47	<0.05	<0.1	0.01	0.04	0.8	1.2	>10	223	0.09	<0.01	0.2	2.6
28012	Core	1.56	7.55	<0.05	1.6	0.02	0.71	15.2	13.2	0.21	361	0.50	0.30	1.2	11.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27958	Core	636	14.2	144.4	0.002	<0.01	1.57	17.4	1.7	4.7	214.0	0.61	<0.05	17.3	0.104
27959	Core	501	18.0	153.8	0.004	<0.01	0.57	18.9	<1.0	2.6	231.5	0.46	0.07	16.9	0.118
27960	Core	821	17.4	160.8	0.004	<0.01	0.64	20.3	2.3	2.6	228.0	0.48	0.12	18.0	0.124
27961	Core	674	17.8	144.7	0.003	<0.01	0.67	18.4	1.5	2.4	213.4	0.50	0.06	18.8	0.129
27962	Core	638	17.5	154.2	<0.002	<0.01	0.64	19.9	1.8	2.4	218.6	0.38	0.12	18.6	0.105
27963	Core	454	32.6	153.4	<0.002	0.018	0.83	18.8	2.0	2.5	226.3	0.35	0.21	18.0	0.087
27964	Core	543	36.7	156.3	<0.002	<0.01	0.88	18.9	<1.0	2.4	230.2	0.37	0.13	16.4	0.097
27965	Core	617	19.4	153.3	0.002	<0.01	0.64	19.4	<1.0	2.4	241.8	0.38	0.10	17.7	0.096
27966	Core	831	37.4	163.0	0.004	0.014	0.81	19.7	<1.0	2.7	254.4	0.38	0.10	18.2	0.113
27967	Core	649	24.0	177.6	<0.002	0.013	1.21	21.8	1.7	3.0	247.9	0.51	0.15	20.7	0.141
27968	Core	562	22.0	162.0	<0.002	0.016	1.04	20.0	1.5	2.8	239.7	0.43	0.13	18.9	0.132
27969	Core	897	17.8	134.8	0.002	0.015	0.86	17.4	1.1	2.2	231.6	0.41	<0.05	18.1	0.109
27970	Core	4047	6.9	113.9	0.037	1.334	20.23	6.0	12.4	1.8	132.4	0.47	0.71	5.6	0.194
27971	Core	648	18.9	146.3	0.006	0.011	0.93	17.7	1.4	2.2	228.4	0.38	0.10	17.8	0.109
27972	Core	592	20.7	168.2	0.002	0.016	1.19	18.8	1.4	2.7	230.2	0.37	<0.05	16.9	0.105
27973	Core	620	21.9	180.7	0.003	<0.01	0.62	19.7	2.1	2.7	190.9	0.41	0.10	17.9	0.124
27974	Core	616	25.0	163.7	0.003	0.030	0.77	18.2	<1.0	2.8	195.2	0.43	0.10	19.4	0.137
27975	Core	580	24.8	163.4	<0.002	<0.01	0.72	17.6	<1.0	2.5	190.3	0.38	0.07	18.9	0.116
27976	Core	608	25.9	192.4	<0.002	0.012	0.91	21.2	3.0	2.7	181.0	0.38	0.13	19.2	0.118
27977	Core	720	37.5	166.0	<0.002	<0.01	0.77	17.7	<1.0	2.3	166.5	0.35	<0.05	17.8	0.104
27978	Core	589	25.6	189.5	<0.002	0.063	0.95	19.3	1.8	2.7	171.2	0.34	0.05	19.4	0.104
27979	Core	623	23.8	185.3	0.002	0.018	0.85	18.6	<1.0	2.5	150.1	0.36	0.06	19.5	0.113
27980	Core	892	30.0	196.7	<0.002	0.043	1.48	20.5	1.2	2.7	141.1	0.38	0.08	19.7	0.125
27981	Core	386	27.7	176.6	<0.002	0.061	1.32	18.1	<1.0	2.5	120.1	0.38	0.07	19.8	0.118
27982	Core	879	29.2	193.6	<0.002	0.039	1.30	19.0	1.0	2.6	116.3	0.35	0.07	18.7	0.111
27983	Core	468	26.2	202.7	<0.002	0.052	1.49	19.0	1.1	2.7	99.1	0.41	0.09	19.6	0.129
27984	Core	657	21.6	202.2	<0.002	0.061	1.10	15.8	1.2	2.4	88.8	0.28	0.08	16.1	0.091
27985	Core	69	22.0	37.5	<0.002	0.024	0.69	2.5	<1.0	0.8	15.4	0.05	<0.05	5.0	0.018
27986	Core	449	52.9	229.3	<0.002	0.110	3.67	16.9	<1.0	2.9	101.7	0.34	<0.05	19.0	0.100
27987	Core	524	21.5	189.2	<0.002	0.055	1.66	18.6	<1.0	2.6	168.5	0.30	0.08	18.3	0.095
27988	Core	376	55.7	139.3	0.002	0.026	1.16	13.2	1.8	2.2	125.0	0.25	0.09	14.5	0.077
27989	Core	451	24.4	198.4	0.004	0.040	1.45	20.6	2.5	2.7	203.6	0.34	0.19	19.4	0.109
27990	Core	424	22.7	185.3	0.002	0.090	1.63	20.1	2.4	2.7	192.5	0.32	0.24	18.8	0.099
27991	Core	450	24.9	194.6	0.003	0.068	1.34	20.4	1.6	3.0	208.3	0.32	0.13	19.2	0.101
27992	Core	473	25.6	178.3	<0.002	0.049	1.27	18.8	1.6	14.3	198.3	0.47	0.25	17.1	0.066
27993	Core	397	22.5	181.5	<0.002	0.037	0.98	18.5	1.8	5.1	183.0	0.34	0.24	18.5	0.082
27994	Core	536	38.4	166.0	0.005	0.024	0.75	17.7	<1.0	3.7	197.4	0.37	0.11	18.2	0.087
27995	Core	636	24.3	196.0	<0.002	0.030	0.79	20.7	1.2	6.6	224.7	0.27	0.21	18.3	0.077
27996	Core	485	38.0	139.8	<0.002	0.076	0.79	18.8	1.2	2.2	186.5	0.27	0.06	19.9	0.085
27997	Core	596	20.4	163.5	0.006	0.068	0.79	22.7	1.1	2.9	197.3	0.24	0.20	23.0	0.076

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11-360-05907-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27998	Core	491	22.2	187.4	0.004	0.083	0.82	19.5	1.4	2.8	212.4	0.36	0.24	20.2	0.099
27999	Core	549	33.3	186.3	<0.002	0.129	0.90	19.6	1.2	2.8	190.5	0.40	0.13	20.6	0.105
28000	Core	456	30.6	188.8	0.002	0.122	1.10	20.3	1.8	3.0	194.4	0.34	0.24	18.5	0.105
28001	Core	448	33.6	194.2	0.004	0.111	0.95	20.0	1.4	3.3	207.3	0.30	0.12	19.1	0.091
28002	Core	430	21.8	112.2	<0.002	0.118	1.05	19.2	1.2	3.6	191.8	0.22	0.22	18.2	0.084
28003	Core	426	19.4	180.5	0.003	0.354	1.31	16.3	1.2	3.1	160.8	0.32	0.08	16.4	0.092
28004	Core	390	42.5	194.1	0.003	0.369	1.15	18.7	1.2	2.7	128.9	0.40	0.07	20.6	0.122
28005	Core	601	14.3	196.6	<0.002	0.121	1.27	18.4	1.5	2.9	147.6	0.35	<0.05	19.2	0.113
28006	Core	634	35.5	192.6	0.005	0.185	2.11	17.3	1.6	2.8	134.5	0.37	0.06	19.6	0.106
28007	Core	613	22.0	222.6	<0.002	0.066	1.71	19.7	1.9	3.4	141.3	0.69	0.22	21.2	0.201
28008	Core	312	19.2	191.1	0.003	0.055	1.48	17.5	1.0	2.7	112.1	0.38	0.12	18.5	0.122
28009	Core	393	19.5	209.7	0.005	0.090	1.53	16.7	<1.0	2.6	108.6	0.33	0.13	17.3	0.100
28010	Core	340	28.6	215.3	<0.002	0.080	1.48	17.5	1.5	3.1	111.2	0.38	0.19	18.0	0.130
28011	Core	158	4.6	3.1	0.004	0.143	0.08	0.4	2.1	0.3	42.0	0.07	0.16	<0.2	<0.005
28012	Core	100	33.6	40.8	0.003	0.168	0.85	3.1	<1.0	1.0	22.0	0.11	<0.05	9.2	0.035

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27958	Core	0.76	3.9	151	0.5	8.6	125	77.4
27959	Core	0.75	4.1	155	0.5	7.9	113	76.0
27960	Core	0.74	4.0	156	0.5	9.8	125	87.5
27961	Core	0.74	4.1	150	0.7	9.7	129	91.0
27962	Core	0.73	4.0	156	0.5	9.0	132	90.6
27963	Core	0.77	4.1	150	0.5	9.7	128	90.5
27964	Core	0.74	4.1	156	0.5	8.6	124	83.6
27965	Core	0.75	4.0	157	0.6	8.4	120	81.3
27966	Core	0.85	4.2	162	1.1	8.2	136	72.9
27967	Core	0.88	4.6	173	0.6	9.7	142	96.6
27968	Core	0.72	4.1	159	0.5	10.2	126	99.2
27969	Core	0.71	4.2	153	0.6	9.7	125	84.0
27970	Core	11.77	7.8	429	31.1	25.7	270	66.2
27971	Core	0.85	4.0	153	0.6	9.4	129	86.6
27972	Core	0.88	4.0	154	0.5	7.9	128	74.0
27973	Core	0.92	4.2	151	0.7	8.9	115	88.2
27974	Core	0.89	4.4	158	0.8	7.8	120	80.3
27975	Core	0.93	4.2	159	0.6	8.0	129	77.5
27976	Core	0.94	4.8	161	0.6	9.0	124	92.7
27977	Core	0.92	4.2	154	0.7	8.4	137	82.0
27978	Core	0.97	5.1	162	0.5	8.4	141	86.6
27979	Core	0.92	4.5	154	0.7	9.3	127	92.5
27980	Core	0.96	4.8	152	0.8	10.9	129	102.4
27981	Core	0.95	4.7	147	0.9	9.0	126	93.7
27982	Core	1.03	4.4	148	1.1	9.2	126	88.1
27983	Core	1.07	5.0	140	2.1	9.3	133	102.3
27984	Core	1.07	3.5	126	2.7	8.6	95	81.9
27985	Core	0.24	1.0	27	1.1	2.6	56	24.9
27986	Core	1.36	5.2	145	4.2	8.0	129	84.1
27987	Core	0.99	4.3	140	1.6	7.8	126	86.4
27988	Core	0.69	3.3	112	1.0	6.1	114	72.9
27989	Core	0.99	4.4	151	1.1	8.2	120	96.8
27990	Core	0.90	4.6	150	1.1	8.1	130	94.0
27991	Core	0.96	4.4	152	1.1	7.9	126	91.7
27992	Core	0.90	4.2	144	1.0	6.7	115	79.7
27993	Core	0.89	4.4	145	1.1	7.5	131	91.1
27994	Core	0.91	4.1	143	1.2	7.3	117	80.0
27995	Core	0.92	4.3	154	1.1	7.5	122	80.8
27996	Core	0.89	4.1	141	1.2	8.4	125	73.9
27997	Core	0.87	4.3	144	1.1	11.1	123	88.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27998	Core	0.98	4.6	151	1.2	8.2	121	92.4
27999	Core	1.00	5.4	149	1.2	8.9	127	94.9
28000	Core	0.92	4.8	142	1.2	8.6	121	92.4
28001	Core	0.94	4.6	146	1.0	8.0	117	81.8
28002	Core	0.97	4.4	144	1.0	7.5	117	81.1
28003	Core	0.99	4.2	134	2.3	7.6	104	80.3
28004	Core	0.93	4.4	135	1.1	9.9	111	93.4
28005	Core	0.99	4.7	148	0.9	9.2	115	86.8
28006	Core	1.07	5.4	142	2.0	10.1	136	88.3
28007	Core	1.10	5.0	146	2.3	10.9	121	97.4
28008	Core	1.03	4.2	125	4.5	8.7	101	89.8
28009	Core	1.04	4.3	126	7.9	8.3	257	75.1
28010	Core	1.06	4.4	129	7.5	8.8	337	78.3
28011	Core	0.03	0.7	258	0.2	1.0	20	0.7
28012	Core	0.23	1.6	36	2.5	4.1	90	52.0

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
27958	Core		0.20	>10	19.5	695	3.91	0.49	0.15	0.07	119.69	17.0	115	7.42	36.1
27958 Dup			0.17	>10	21.2	702	4.00	0.49	0.16	0.06	128.96	19.6	117	7.85	35.1
QCV1108-01009-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.60												1010.6
27976	Core		0.18	>10	17.6	934	4.60	0.50	0.14	0.09	126.53	18.4	101	10.00	41.3
27976 Dup			0.16	>10	17.6	894	4.35	0.45	0.14	0.09	130.43	17.7	103	9.84	41.2
QCV1108-01009-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.58												1010.0
27994	Core		0.15	>10	7.6	947	3.75	0.45	0.13	0.13	102.38	17.8	110	8.22	39.3
27994 Dup			0.14	>10	6.9	887	3.67	0.44	0.12	0.12	97.90	17.1	108	7.54	39.9
QCV1108-01009-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.34												985.3
28012	Core		0.12	3.14	89.4	177	0.96	0.11	0.13	1.28	33.01	6.3	179	2.00	11.1
28012 Dup			0.12	3.07	92.6	168	1.03	0.09	0.13	1.25	33.65	6.2	173	1.98	10.7
QCV1108-01009-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.46		10.7	470	2.74	7.97		0.23	90.17	23.4		7.08	>10000
27958	Core	<0.005													
27958 Dup		0.005													
27976	Core	0.008													
27976 Dup		0.007													
QCV1108-01220-0004-BLK		0.005													
27994	Core	0.008													
27994 Dup		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.317													
28012	Core	0.038													
28012 Dup		0.048													
QCV1108-01220-0008-BLK		<0.005													

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11-360-05907-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
27958	Core	5.45	28.62	1.73	3.1	0.09	2.34	58.9	134.4	1.33	523	0.35	0.90	3.4	53.5
27958 Dup		5.47	32.10	1.75	2.6	0.09	2.30	65.8	162.5	1.31	528	0.35	0.89	4.9	52.6
QCV1108-01009-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27976	Core	5.50	32.47	1.65	2.7	0.10	2.77	67.0	144.9	1.25	474	0.42	0.68	3.8	52.1
27976 Dup		5.50	32.66	1.67	2.7	0.09	2.70	65.8	145.9	1.24	476	0.35	0.67	3.7	53.1
QCV1108-01009-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
27994	Core	4.87	29.77	1.28	2.6	0.09	2.86	50.5	110.4	0.94	534	0.35	0.59	1.6	46.1
27994 Dup		4.84	28.10	1.18	2.5	0.09	2.83	49.6	107.0	0.94	533	0.35	0.59	1.8	45.8
QCV1108-01009-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28012	Core	1.56	7.55	<0.05	1.6	0.02	0.71	15.2	13.2	0.21	361	0.50	0.30	1.2	11.9
28012 Dup		1.56	8.03	<0.05	1.6	0.02	0.68	15.0	13.4	0.20	357	0.49	0.30	1.2	12.8
QCV1108-01009-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.85		3.5	1.20		45.4	24.6			0.80		14.0	42.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
27958	Core	636	14.2	144.4	0.002	<0.01	1.57	17.4	1.7	4.7	214.0	0.61	<0.05	17.3	0.104
27958 Dup		634	16.8	166.5	0.006	<0.01	0.81	20.7	2.3	2.8	215.0	0.55	0.10	17.8	0.140
QCV1108-01009-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27976	Core	608	25.9	192.4	<0.002	0.012	0.91	21.2	3.0	2.7	181.0	0.38	0.13	19.2	0.118
27976 Dup		604	25.4	186.0	<0.002	0.011	0.94	20.7	1.8	2.7	181.9	0.36	0.15	18.4	0.119
QCV1108-01009-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
27994	Core	536	38.4	166.0	0.005	0.024	0.75	17.7	<1.0	3.7	197.4	0.37	0.11	18.2	0.087
27994 Dup		532	39.2	165.3	0.002	0.023	0.72	16.8	1.2	3.3	197.2	0.28	<0.05	17.5	0.072
QCV1108-01009-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28012	Core	100	33.6	40.8	0.003	0.168	0.85	3.1	<1.0	1.0	22.0	0.11	<0.05	9.2	0.035
28012 Dup		95	31.4	40.8	0.003	0.168	0.85	3.3	<1.0	1.0	21.8	0.11	<0.05	9.3	0.035
QCV1108-01009-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			32.6	189.1	0.008	1.280	2.81	12.8	14.0	23.0	33.2	1.10	<0.05	16.8	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
27958	Core	0.76	3.9	151	0.5	8.6	125	77.4
27958 Dup		0.77	4.1	155	0.6	9.8	125	90.0
QCV1108-01009-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27976	Core	0.94	4.8	161	0.6	9.0	124	92.7
27976 Dup		0.88	4.4	160	0.6	8.7	123	89.6
QCV1108-01009-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
27994	Core	0.91	4.1	143	1.2	7.3	117	80.0
27994 Dup		0.89	4.1	141	1.1	6.6	115	73.5
QCV1108-01009-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28012	Core	0.23	1.6	36	2.5	4.1	90	52.0
28012 Dup		0.23	1.5	36	2.5	4.1	89	53.5
QCV1108-01009-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.87	3.2			25.5	175	112.2

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
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Attention: Melanie Debnam

Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 7**
Description: **3 ACE**

Date Received: 08/29/2011
Date Completed: 09/16/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	56	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28071	Core		0.014	0.28	9.31	17.5	529	2.31	0.29	0.26	0.07	25.32	17.8	118	6.39
28072	Core		0.013	0.20	8.93	18.5	578	2.47	0.28	0.27	0.06	27.94	14.4	117	6.37
28073	Core		0.011	0.23	6.99	20.0	386	2.08	0.34	0.24	0.08	18.03	26.2	114	4.26
28074	Core		0.011	71.43	7.67	73.9	448	2.09	0.26	0.21	0.12	30.01	36.9	98	4.93
28075	Core		0.012	0.65	>10	19.2	852	3.95	0.42	0.19	0.12	24.19	18.0	117	8.91
28076	Core		0.019	0.25	>10	27.8	785	3.44	0.34	0.32	0.06	27.63	16.6	116	9.43
28077	Core		0.139	1.43	>10	1001.8	842	4.12	0.39	0.31	0.09	28.04	17.7	131	12.42
28078	Core		0.108	0.23	5.44	449.5	315	1.89	0.11	0.94	0.04	23.81	9.6	140	4.28
28079	Core		0.045	0.16	2.83	456.8	110	0.70	0.05	1.10	0.02	25.05	5.2	134	1.76
28080	Core		0.307	0.61	6.99	2310.8	478	2.42	0.11	0.84	0.09	25.38	9.8	132	6.62
28081	Core		0.140	0.39	8.72	207.3	663	3.10	0.39	0.91	0.14	53.85	16.6	157	16.19
28082	Core		0.007	0.22	>10	38.7	916	3.59	0.60	0.27	0.23	38.38	21.8	121	13.32
28083	Core		0.006	0.23	>10	18.0	1092	4.00	0.59	0.37	0.07	19.47	23.4	171	12.06
28084	Core		0.006	0.21	9.11	7.7	570	2.54	0.24	0.63	0.08	28.84	13.7	148	11.33
28085	Core		<0.005	0.10	2.05	3.8	69	0.46	0.05	1.27	0.03	22.89	5.4	113	1.22
28086	Core		<0.005	0.10	2.42	3.9	106	0.40	0.06	1.44	0.02	24.04	4.6	113	1.71
28087	Core		<0.005	0.07	2.01	3.9	83	0.47	0.06	1.49	0.03	23.01	3.9	114	1.46
28088	Reject		<0.005	0.41	2.02	3.9	85	0.42	0.08	1.43	<0.02	24.41	5.5	118	1.45
28089	Core		<0.005	0.18	0.20	1.0	32	0.07	0.02	>10	0.08	10.34	1.8	12	0.43
28090	Core		<0.005	0.09	2.56	4.8	107	0.57	0.06	1.23	<0.02	28.13	5.0	106	1.74
28091	Core		0.005	0.09	2.10	3.5	84	0.40	0.05	1.17	0.02	27.59	5.3	111	1.44
28198	Core		<0.005	0.17	>10	2.0	535	3.60	0.27	0.13	0.03	127.93	17.1	113	7.06
28199	Core		<0.005	0.21	>10	9.5	558	3.36	0.69	0.50	0.05	81.32	15.4	165	7.34
28200	Core		0.005	0.19	>10	12.8	544	3.03	0.34	0.18	0.07	83.74	18.6	113	7.14
28201	Core		<0.005	0.18	>10	11.0	600	3.68	0.34	0.15	0.06	93.31	14.8	102	8.57
28202	Core		<0.005	0.29	>10	12.8	604	3.55	0.55	0.31	0.06	74.30	18.9	110	8.39
28203	Pulp		7.887	0.70	3.09	871.5	170	0.92	0.61	>10	4.18	32.31	6.6	177	6.79
28204	Core		0.008	0.22	>10	9.2	558	3.32	0.37	0.36	0.05	105.44	16.3	104	7.99
28205	Core		<0.005	0.28	>10	20.0	602	3.33	0.80	1.15	0.08	61.80	23.3	132	8.09
28206	Core		0.005	0.23	>10	9.7	662	4.01	0.45	0.21	0.05	99.75	16.5	107	9.15
28207	Core		<0.005	0.18	>10	5.7	702	3.68	0.15	0.66	0.05	72.13	12.5	186	10.03
28208	Core		0.005	0.22	>10	13.3	627	3.74	0.27	0.32	0.09	63.53	15.7	119	8.78
28209	Core		0.007	0.17	>10	14.9	536	3.25	0.31	2.07	0.11	72.90	13.0	103	6.98
28210	Core		0.007	0.26	>10	32.3	598	3.78	0.58	0.34	0.08	43.79	31.6	112	7.10
28211	Core		0.005	0.26	>10	14.1	696	3.99	0.37	0.33	0.09	46.73	16.1	141	9.33
28212	Core		0.009	0.24	>10	24.1	562	3.45	0.54	0.57	0.07	41.27	30.4	109	7.72
28213	Core		0.006	0.19	>10	12.3	584	3.50	0.48	0.35	0.08	92.97	17.7	126	8.31
28214	Core		<0.005	0.19	>10	6.4	481	2.95	0.39	0.42	0.07	74.12	16.0	141	6.73
28215	Core		0.008	0.21	>10	9.6	559	3.67	0.45	0.41	0.08	68.15	17.6	123	7.67
28216	Core		0.006	0.13	>10	14.6	570	3.28	0.44	1.20	0.07	23.94	22.5	110	7.46

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28217	Core		0.005	0.15	>10	6.8	616	3.63	0.39	0.34	0.07	62.07	16.0	113	7.66
28218	Core		<0.005	0.16	>10	8.6	580	3.52	0.46	0.30	0.06	68.95	20.2	109	8.01
28219	Core		<0.005	0.19	>10	7.5	579	3.51	0.41	0.39	0.08	83.45	19.6	114	7.29
28220	Core		0.022	0.16	>10	6.4	590	3.30	0.40	0.34	0.05	94.98	18.1	117	7.77
28221	Core		0.016	0.15	>10	8.8	605	3.73	0.37	0.34	0.07	77.33	17.2	122	10.28
28222	Core		0.006	0.16	>10	42.7	736	3.74	0.48	0.20	0.05	63.85	19.0	107	14.05
28223	Core		0.594	0.11	2.55	2796.2	116	1.00	0.06	0.08	0.11	19.99	5.6	184	3.50
28224	Core		0.389	0.12	2.34	1148.1	99	0.78	0.05	0.03	0.08	31.19	4.1	194	2.34
28225	Core	13.809	>10	0.46	>10	>10000	884	4.81	0.35	0.10	0.28	26.25	12.8	191	13.31
28226	Core		0.044	0.11	2.35	929.1	109	0.75	0.05	0.04	0.13	22.19	3.4	150	2.60
28227	Core		0.162	0.12	2.06	873.3	80	0.48	0.05	0.05	0.48	22.21	3.1	174	1.80
28228	Core		0.117	0.74	3.35	1134.0	172	0.98	0.06	0.06	0.76	25.50	5.8	159	3.25
28229	Core		0.207	0.24	3.88	1992.8	218	1.22	0.08	0.03	0.89	21.18	6.3	171	4.10
28230	Core		0.229	0.29	2.04	2694.7	76	0.42	0.06	0.16	1.68	15.62	2.8	214	2.04
28231	Core		0.089	0.48	2.33	749.9	101	0.53	0.05	0.47	2.89	19.91	3.5	202	2.43
28232	Core		0.098	0.32	2.71	1264.6	117	0.68	0.07	0.03	1.93	23.54	4.1	157	2.71
28233	Core		0.185	0.27	>10	340.9	717	3.62	0.26	0.15	3.32	19.99	16.7	183	7.26
28234	Core		0.063	0.23	>10	79.2	911	4.07	0.32	0.15	1.69	23.38	17.3	173	9.93

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11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28071	Core	49.3	5.18	24.19	1.48	7.6	0.06	2.54	13.7	44.9	0.92	388	0.43	0.20	3.6
28072	Core	41.6	4.58	24.16	1.40	3.2	0.06	2.63	15.0	37.1	0.79	365	0.37	0.23	2.8
28073	Core	38.4	4.84	18.63	1.30	3.1	0.04	1.78	9.3	32.7	0.65	395	0.59	0.15	3.4
28074	Core	132.0	4.27	19.19	1.36	0.3	0.05	2.00	15.7	41.1	0.55	289	0.46	0.15	4.2
28075	Core	55.8	4.55	31.69	1.44	3.5	0.08	3.81	13.5	42.9	0.72	292	0.51	0.33	2.8
28076	Core	53.2	5.68	30.19	1.35	3.4	0.07	3.73	13.0	40.1	0.90	437	0.49	0.30	3.2
28077	Core	60.1	4.40	29.23	1.52	3.2	0.07	3.85	15.4	29.7	0.90	464	0.47	0.26	3.6
28078	Core	28.0	2.95	14.53	1.19	2.4	0.03	1.54	11.2	13.1	0.67	765	0.30	0.10	1.5
28079	Core	13.9	1.74	6.73	0.96	1.7	0.01	0.54	11.2	13.1	0.60	852	0.34	0.03	0.9
28080	Core	22.7	2.93	20.15	1.44	2.6	0.04	2.17	12.9	32.1	0.75	653	0.38	0.15	2.7
28081	Core	49.6	4.36	22.57	1.58	2.7	0.07	2.55	28.6	28.1	0.84	777	1.00	0.25	2.8
28082	Core	59.6	5.91	28.55	1.50	3.6	0.07	3.37	20.3	49.7	1.01	575	2.21	0.43	3.6
28083	Core	52.9	5.68	35.39	1.47	4.1	0.08	3.98	10.6	68.7	0.94	457	1.04	0.50	4.2
28084	Core	37.6	4.54	24.35	1.22	3.7	0.05	2.57	14.6	39.8	0.66	694	0.42	0.22	3.6
28085	Core	10.0	2.19	4.98	0.86	1.3	0.01	0.31	10.5	19.3	0.42	796	0.30	0.03	0.8
28086	Core	8.7	1.59	5.99	0.77	1.4	0.01	0.46	11.1	10.1	0.43	1070	0.30	0.04	0.6
28087	Core	6.6	1.48	4.74	0.76	1.3	<0.01	0.38	10.5	12.6	0.43	961	0.37	0.03	0.6
28088	Reject	8.8	1.47	4.83	0.83	1.3	0.01	0.38	10.9	11.7	0.43	914	0.31	0.04	0.8
28089	Core	4.0	0.52	0.70	<0.05	0.3	<0.01	0.05	5.6	2.4	>10	226	0.07	0.01	1.3
28090	Core	9.4	1.64	6.26	0.74	1.7	0.01	0.46	12.8	15.6	0.44	922	0.29	0.04	0.8
28091	Core	8.5	1.51	5.19	0.72	1.5	0.01	0.35	12.3	8.6	0.43	808	0.30	0.03	0.9
28198	Core	49.9	5.29	29.60	1.54	3.6	0.07	2.47	65.4	125.5	1.44	499	0.47	0.88	4.8
28199	Core	52.9	5.16	29.62	1.59	3.4	0.07	2.51	40.4	118.6	1.37	712	0.46	0.78	4.1
28200	Core	47.6	5.50	28.55	1.50	3.9	0.07	2.43	40.9	119.2	1.43	610	0.33	0.74	4.4
28201	Core	53.6	4.85	30.15	1.55	3.6	0.07	2.62	48.6	116.7	1.24	453	0.29	0.90	4.3
28202	Core	54.9	5.30	29.43	1.45	3.8	0.08	2.54	39.4	120.5	1.39	547	0.30	0.84	4.8
28203	Pulp	37.5	1.37	6.91	0.37	2.7	0.06	1.21	19.2	10.2	0.79	296	12.75	<0.01	8.1
28204	Core	53.7	5.24	29.10	1.63	4.1	0.08	2.57	54.2	119.0	1.42	557	0.29	0.84	5.0
28205	Core	73.4	5.35	29.11	1.60	3.6	0.08	2.68	31.8	111.8	1.48	960	0.68	0.82	5.4
28206	Core	53.6	5.01	31.42	1.63	3.7	0.08	3.03	52.9	116.3	1.40	418	0.27	0.85	5.1
28207	Core	35.0	5.28	32.02	1.62	4.1	0.06	3.14	38.6	118.9	1.54	552	0.52	0.79	4.6
28208	Core	46.3	5.62	30.57	1.58	4.1	0.07	2.84	32.9	118.8	1.53	611	0.53	0.76	4.7
28209	Core	43.6	5.94	26.51	1.44	3.6	0.07	2.40	36.3	104.2	1.65	2074	0.22	0.67	3.6
28210	Core	71.7	5.77	30.08	1.30	4.3	0.07	2.85	19.7	102.2	1.31	562	0.59	0.74	5.0
28211	Core	54.3	5.38	32.18	1.70	8.1	0.08	2.90	24.2	121.1	1.45	607	0.63	0.82	4.2
28212	Core	51.0	5.45	27.67	1.49	4.0	0.08	2.43	23.9	109.9	1.43	902	0.56	0.74	3.2
28213	Core	55.2	5.32	31.31	1.80	4.2	0.08	2.62	47.3	127.5	1.48	535	0.40	0.85	4.5
28214	Core	51.1	5.18	26.12	1.69	3.8	0.07	2.11	37.7	120.2	1.34	675	0.47	0.69	3.6
28215	Core	55.4	5.58	29.71	1.70	3.7	0.09	2.50	35.6	130.5	1.50	622	0.37	0.90	4.1
28216	Core	51.2	5.77	28.15	1.65	3.4	0.07	2.46	12.1	114.1	1.59	1239	0.50	0.87	2.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28217	Core	47.2	5.28	30.26	1.54	3.6	0.07	2.47	31.8	124.6	1.41	579	0.32	0.93	2.7
28218	Core	52.5	5.61	30.69	1.56	3.8	0.08	2.43	36.0	130.2	1.45	521	0.38	0.97	3.2
28219	Core	51.4	5.63	30.44	1.65	4.0	0.08	2.34	44.0	129.1	1.42	772	0.46	0.94	3.4
28220	Core	51.4	5.48	30.98	1.60	3.7	0.08	2.51	50.1	126.9	1.39	554	0.38	1.05	3.8
28221	Core	52.3	5.29	30.78	1.55	3.3	0.09	2.62	41.2	138.0	1.23	651	0.39	1.01	3.1
28222	Core	53.6	5.30	30.09	1.38	3.7	0.08	3.20	34.3	131.3	1.10	639	0.36	0.68	2.3
28223	Core	25.2	1.17	8.20	2.16	2.0	0.02	0.66	9.4	21.4	0.09	237	0.61	0.03	0.8
28224	Core	11.6	1.30	6.73	1.71	2.2	0.01	0.64	13.4	11.7	0.11	317	0.47	0.02	1.0
28225	Core	29.3	3.50	42.69	2.31	3.1	0.07	4.18	14.3	25.6	0.59	219	0.80	0.17	2.8
28226	Core	8.6	1.39	6.16	1.28	1.6	0.02	0.58	10.0	10.3	0.10	449	0.55	0.02	0.9
28227	Core	10.4	1.10	4.87	1.12	1.6	0.02	0.43	10.3	7.9	0.06	338	0.47	0.02	0.7
28228	Core	15.9	1.45	9.00	1.43	2.7	0.03	0.92	11.8	8.9	0.11	444	0.40	0.04	1.2
28229	Core	18.8	1.45	11.43	1.59	2.9	0.04	1.23	9.8	13.6	0.11	171	0.67	0.05	1.2
28230	Core	10.4	1.01	4.45	1.35	1.4	0.04	0.52	7.1	9.5	0.09	181	0.60	0.04	0.6
28231	Core	12.5	1.16	5.61	1.24	1.4	0.05	0.71	9.1	8.5	0.21	465	0.45	0.06	0.7
28232	Core	14.4	1.44	7.09	1.26	2.3	0.03	0.74	10.3	14.5	0.11	287	0.38	0.03	1.0
28233	Core	45.7	4.37	27.58	1.68	3.4	0.07	3.58	10.9	71.5	0.79	465	0.60	0.17	2.8
28234	Core	56.7	4.66	31.77	1.70	3.8	0.07	4.24	12.7	60.4	0.89	552	0.55	0.22	3.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28071	Core	40.8	226	20.1	133.3	<0.002	0.197	1.30	15.4	<1.0	2.5	68.4	0.52	0.16	17.2
28072	Core	36.8	293	18.0	141.9	<0.002	0.174	1.13	14.2	<1.0	2.1	77.7	0.33	0.05	17.6
28073	Core	40.1	92	32.7	99.1	0.002	0.344	2.93	10.9	<1.0	1.6	52.2	0.32	0.23	15.2
28074	Core	46.6	175	24.2	106.4	0.009	0.181	1.49	11.5	<1.0	1.8	50.9	0.39	0.14	14.4
28075	Core	39.8	175	32.0	200.0	0.002	0.305	2.95	19.3	<1.0	2.6	109.3	0.49	0.16	20.8
28076	Core	44.3	425	20.4	192.0	<0.002	0.279	2.05	18.3	<1.0	2.5	107.8	0.43	0.08	20.1
28077	Core	43.0	214	18.2	216.3	<0.002	0.309	3.27	16.5	<1.0	3.4	105.6	0.44	0.15	17.3
28078	Core	20.9	69	17.2	84.6	<0.002	0.163	1.57	6.9	<1.0	1.5	63.8	0.22	<0.05	13.0
28079	Core	9.8	37	13.1	32.3	<0.002	0.072	1.14	3.0	<1.0	0.9	49.5	0.10	<0.05	8.5
28080	Core	24.3	29	17.6	129.2	<0.002	0.280	4.11	9.5	<1.0	1.9	88.5	0.31	0.09	13.8
28081	Core	37.2	220	37.0	166.9	0.003	2.550	5.26	14.2	<1.0	2.9	178.6	0.37	0.13	15.3
28082	Core	49.9	143	51.2	191.9	0.004	2.918	5.76	18.5	1.7	2.6	168.3	0.51	0.26	15.6
28083	Core	51.1	283	24.3	217.8	<0.002	1.329	1.92	21.3	<1.0	3.0	185.8	0.62	0.26	18.6
28084	Core	33.8	255	24.8	136.4	<0.002	0.102	0.62	13.2	<1.0	2.1	99.2	0.40	0.08	20.4
28085	Core	10.8	84	17.4	17.4	<0.002	0.030	0.20	2.2	<1.0	0.5	43.3	0.06	<0.05	7.5
28086	Core	7.7	81	13.4	26.5	<0.002	0.031	0.21	2.6	<1.0	0.6	43.1	0.06	<0.05	8.0
28087	Core	7.3	52	14.9	21.4	<0.002	0.031	0.23	2.4	<1.0	0.8	42.2	0.06	<0.05	7.2
28088	Reject	7.5	68	51.9	21.0	<0.002	0.031	0.22	2.5	<1.0	0.6	40.2	0.08	<0.05	6.7
28089	Core	<0.2	119	6.1	2.5	<0.002	0.213	0.13	0.7	<1.0	0.3	42.8	0.53	0.08	1.2
28090	Core	9.3	57	13.1	26.0	<0.002	0.031	0.25	2.7	<1.0	0.6	41.0	0.11	<0.05	8.5
28091	Core	8.4	79	12.1	20.5	<0.002	0.029	0.24	2.6	<1.0	0.5	29.7	0.09	<0.05	7.6
28198	Core	45.8	228	13.0	138.2	<0.002	<0.01	0.40	18.3	<1.0	2.4	180.7	0.56	0.07	18.8
28199	Core	46.1	297	28.1	138.4	<0.002	<0.01	0.68	18.2	<1.0	2.4	181.3	0.54	0.13	17.8
28200	Core	47.0	391	18.8	126.8	0.002	0.016	0.79	17.2	<1.0	2.2	160.7	0.56	<0.05	18.1
28201	Core	44.5	369	26.8	144.6	<0.002	0.092	0.97	18.4	<1.0	2.6	195.2	0.52	0.06	19.4
28202	Core	50.6	413	36.4	150.3	<0.002	0.051	0.74	19.2	<1.0	2.6	184.7	0.57	0.10	18.6
28203	Pulp	76.6	2971	8.5	105.6	0.039	1.327	22.43	6.4	8.4	2.0	137.3	0.58	0.64	7.9
28204	Core	49.6	381	26.3	147.8	<0.002	0.017	0.62	19.4	<1.0	2.5	183.4	0.64	<0.05	22.2
28205	Core	53.8	260	64.1	152.1	<0.002	0.171	0.86	19.0	1.0	2.5	184.3	0.63	0.20	16.5
28206	Core	48.4	335	37.3	171.0	<0.002	0.035	0.49	20.1	<1.0	2.6	186.3	0.55	0.14	21.6
28207	Core	48.8	311	12.9	177.0	<0.002	0.053	0.41	19.4	<1.0	2.9	182.0	0.59	<0.05	20.5
28208	Core	49.6	297	23.6	161.6	<0.002	0.281	0.69	18.8	<1.0	2.6	166.9	0.56	0.06	19.4
28209	Core	39.7	189	16.6	126.3	0.002	0.130	0.97	16.6	<1.0	2.2	162.3	0.43	<0.05	17.9
28210	Core	55.4	228	19.6	149.9	<0.002	1.245	1.62	18.7	<1.0	2.3	154.2	0.67	0.12	17.0
28211	Core	49.0	286	17.0	178.0	<0.002	0.340	0.90	21.5	<1.0	2.6	187.7	0.65	0.18	18.9
28212	Core	47.4	373	20.6	145.0	<0.002	0.367	2.22	17.9	<1.0	2.3	171.3	0.48	0.16	17.0
28213	Core	49.9	422	27.9	151.0	0.002	0.115	0.98	19.9	<1.0	2.4	190.7	0.58	0.13	22.4
28214	Core	45.1	381	35.1	124.7	<0.002	0.033	0.60	17.1	<1.0	2.3	159.4	0.43	0.08	19.4
28215	Core	47.0	479	29.4	145.3	<0.002	0.072	0.67	19.4	<1.0	2.4	200.7	0.43	0.16	19.2
28216	Core	46.4	428	21.3	144.7	0.003	0.619	1.10	17.7	<1.0	2.2	196.3	0.30	0.17	14.5

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Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28217	Core	47.3	407	20.2	142.9	<0.002	0.042	0.52	18.6	<1.0	2.4	203.0	0.41	0.12	18.4
28218	Core	48.7	455	28.3	140.7	<0.002	0.096	0.67	18.4	<1.0	2.4	217.4	0.45	0.17	19.2
28219	Core	48.2	362	26.3	136.8	<0.002	0.070	0.63	18.5	<1.0	2.5	214.5	0.40	0.10	21.3
28220	Core	47.4	689	20.6	139.5	<0.002	0.057	0.51	18.8	<1.0	2.5	222.8	0.45	0.13	22.1
28221	Core	46.3	467	23.8	142.2	<0.002	0.108	0.73	18.6	<1.0	2.5	204.0	0.45	0.16	19.8
28222	Core	44.1	464	27.2	190.3	<0.002	0.107	1.38	19.3	<1.0	2.5	157.0	0.39	0.11	19.5
28223	Core	11.0	177	7.3	41.0	<0.002	0.326	4.28	2.9	<1.0	1.7	17.6	0.10	<0.05	9.7
28224	Core	8.4	41	9.3	36.4	<0.002	0.316	2.09	2.7	<1.0	0.8	22.2	0.09	<0.05	10.3
28225	Core	34.9	243	41.3	240.4	<0.002	1.244	13.53	16.0	1.2	4.2	58.6	0.36	0.17	15.6
28226	Core	8.3	57	8.6	34.5	<0.002	0.323	1.52	2.8	<1.0	0.8	11.6	0.12	<0.05	9.4
28227	Core	6.8	61	26.1	24.7	<0.002	0.369	1.42	2.1	<1.0	1.0	10.9	0.09	<0.05	9.4
28228	Core	11.4	77	45.2	55.3	<0.002	0.526	1.82	3.6	<1.0	1.8	15.5	0.14	<0.05	15.5
28229	Core	11.6	45	35.6	71.8	<0.002	0.687	2.52	4.3	1.8	2.5	23.0	0.14	<0.05	16.1
28230	Core	7.3	44	111.6	28.5	0.002	0.417	2.89	1.9	1.1	3.1	19.9	0.06	<0.05	8.0
28231	Core	8.1	81	165.3	38.3	0.002	0.444	1.55	2.2	<1.0	4.6	36.5	0.07	<0.05	9.3
28232	Core	9.1	55	107.1	40.8	<0.002	0.471	1.98	2.7	<1.0	2.1	20.7	0.11	0.08	11.6
28233	Core	42.0	337	47.4	191.8	<0.002	0.848	2.35	15.2	<1.0	2.9	51.8	0.29	<0.05	18.3
28234	Core	43.2	287	24.7	232.9	0.002	0.695	2.55	18.9	<1.0	3.4	66.1	0.38	0.08	20.1

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Certificate of Analysis

11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28071	Core	0.048	0.66	2.6	138	3.9	5.4	123	70.5
28072	Core	0.053	0.76	2.9	141	3.3	5.7	104	74.2
28073	Core	0.048	0.54	2.4	110	3.4	4.9	100	71.0
28074	Core	0.053	0.57	2.5	111	539.2	5.3	117	63.9
28075	Core	0.076	1.12	4.3	171	5.8	5.5	127	77.4
28076	Core	0.071	1.05	4.1	170	5.7	6.1	133	77.1
28077	Core	0.088	1.18	3.3	159	11.7	5.6	112	75.4
28078	Core	0.034	0.48	1.7	84	5.1	4.2	65	52.0
28079	Core	0.020	0.17	1.0	42	2.1	3.4	33	42.2
28080	Core	0.052	0.66	2.0	108	4.6	4.7	66	65.5
28081	Core	0.063	0.89	3.0	129	5.5	5.7	95	63.0
28082	Core	0.078	1.07	4.0	174	2.5	5.7	137	81.7
28083	Core	0.093	1.26	4.7	197	2.4	5.9	153	93.1
28084	Core	0.062	0.72	3.1	138	3.0	7.0	96	101.2
28085	Core	0.012	0.10	0.7	31	0.6	3.3	43	29.8
28086	Core	0.013	0.14	0.8	36	0.7	3.4	28	35.2
28087	Core	0.013	0.11	0.7	31	0.6	3.6	28	28.6
28088	Reject	0.017	0.11	0.7	31	0.7	3.8	26	35.0
28089	Core	<0.005	<0.02	1.1	316	0.2	2.1	23	2.6
28090	Core	0.018	0.14	1.0	38	0.6	3.9	29	47.4
28091	Core	0.018	0.11	0.8	32	1.5	3.8	27	36.2
28198	Core	0.106	0.77	2.9	176	0.7	9.8	120	89.5
28199	Core	0.097	0.76	3.1	169	1.6	7.2	123	85.8
28200	Core	0.099	0.78	3.4	171	0.6	7.3	134	93.7
28201	Core	0.110	0.82	3.2	176	0.6	7.9	126	89.3
28202	Core	0.095	0.84	3.5	175	0.6	8.5	136	92.5
28203	Pulp	0.195	12.36	7.6	439	34.1	25.9	250	73.8
28204	Core	0.104	0.86	3.5	173	0.8	8.7	136	92.2
28205	Core	0.104	0.81	3.6	169	0.6	7.7	131	89.7
28206	Core	0.109	0.96	3.4	184	0.6	7.9	134	95.6
28207	Core	0.098	0.96	3.5	193	0.7	7.9	132	103.5
28208	Core	0.099	0.93	3.9	184	0.7	7.7	139	102.9
28209	Core	0.085	0.76	3.3	167	0.7	8.1	126	94.0
28210	Core	0.128	0.88	4.2	179	0.7	5.8	130	108.0
28211	Core	0.082	0.95	3.9	184	0.5	8.0	133	97.7
28212	Core	0.083	0.82	3.7	172	0.6	7.6	125	92.7
28213	Core	0.103	0.82	4.3	181	0.7	8.7	137	100.1
28214	Core	0.078	0.66	3.6	155	0.6	8.6	129	93.2
28215	Core	0.078	0.76	3.9	186	0.7	8.2	134	105.0
28216	Core	0.055	0.77	3.6	178	0.5	7.3	130	84.8

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11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28217	Core	0.075	0.79	3.7	181	0.6	7.8	132	88.4
28218	Core	0.081	0.77	4.4	184	0.7	7.9	143	92.5
28219	Core	0.086	0.71	3.9	177	0.6	8.4	137	101.0
28220	Core	0.097	0.78	4.6	182	0.7	8.4	137	86.5
28221	Core	0.084	0.80	5.3	177	0.6	7.1	136	77.1
28222	Core	0.062	1.06	4.3	174	1.1	7.1	134	86.3
28223	Core	0.023	0.22	1.2	34	4.6	4.0	35	56.5
28224	Core	0.025	0.20	1.1	30	3.7	3.7	32	52.4
28225	Core	0.108	1.30	3.4	184	8.8	6.0	90	72.9
28226	Core	0.024	0.19	1.0	28	2.2	3.3	27	42.5
28227	Core	0.020	0.14	1.1	22	1.9	3.1	55	42.3
28228	Core	0.031	0.31	1.6	43	2.7	4.9	70	68.6
28229	Core	0.032	0.40	1.8	52	2.6	5.3	51	76.0
28230	Core	0.016	0.17	0.9	21	1.5	2.2	106	32.9
28231	Core	0.019	0.20	1.1	28	1.5	3.2	151	36.1
28232	Core	0.028	0.23	1.4	32	2.3	3.8	79	54.8
28233	Core	0.093	1.03	3.5	145	4.2	5.8	156	76.6
28234	Core	0.110	1.28	4.1	175	3.7	6.0	127	87.6

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11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28071	Core			0.28	9.31	17.5	529	2.31	0.29	0.26	0.07	25.32	17.8	118	6.39
28071 Dup				0.30	9.22	18.9	547	2.22	0.29	0.26	0.06	35.38	18.0	118	6.68
QCV1108-02596-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				62.20											
28089	Core			0.18	0.20	1.0	32	0.07	0.02	>10	0.08	10.34	1.8	12	0.43
28089 Dup				0.16	0.19	0.8	30	0.06	0.03	>10	0.09	9.91	1.7	14	0.44
QCV1108-02596-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				62.69											
28213	Core			0.19	>10	12.3	584	3.50	0.48	0.35	0.08	92.97	17.7	126	8.31
28213 Dup				0.21	>10	12.4	576	3.56	0.44	0.35	0.07	75.44	17.3	121	8.43
QCV1108-02596-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				62.91											
28231	Core			0.48	2.33	749.9	101	0.53	0.05	0.47	2.89	19.91	3.5	202	2.43
28231 Dup				0.41	2.36	825.1	109	0.55	0.04	0.45	2.81	23.43	3.6	193	2.51
QCV1108-02596-0011-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.66		10.5	428	2.95	8.07		0.20	90.02	23.1		7.26
28071	Core		0.014												
28071 Dup			0.016												
STD-OxJ80 expected			2.331												
STD-OxJ80 result			2.264												
28089	Core		<0.005												
28089 Dup			0.006												
QCV1108-02597-0004-BLK			<0.005												
28213	Core		0.006												
28213 Dup			0.006												
STD-SK52 expected			4.107												
STD-SK52 result			4.309												
28231	Core		0.089												
28231 Dup			0.099												
QCV1108-02597-0008-BLK			<0.005												
STD-SK52 expected			4.107												
STD-SK52 result			4.222												

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11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28071	Core	49.3	5.18	24.19	1.48	7.6	0.06	2.54	13.7	44.9	0.92	388	0.43	0.20	3.6
28071 Dup		51.1	5.13	24.74	1.55	3.6	0.06	2.44	20.6	45.1	0.91	381	0.42	0.20	4.6
QCV1108-02596-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1004.8													
28089	Core	4.0	0.52	0.70	<0.05	0.3	<0.01	0.05	5.6	2.4	>10	226	0.07	0.01	1.3
28089 Dup		4.0	0.52	0.66	<0.05	0.4	<0.01	0.04	5.4	2.2	>10	229	0.06	0.01	1.4
QCV1108-02596-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1020.8													
28213	Core	55.2	5.32	31.31	1.80	4.2	0.08	2.62	47.3	127.5	1.48	535	0.40	0.85	4.5
28213 Dup		56.0	5.37	29.77	1.52	3.7	0.07	2.44	39.4	120.6	1.43	550	0.41	0.79	3.4
QCV1108-02596-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1003.3													
28231	Core	12.5	1.16	5.61	1.24	1.4	0.05	0.71	9.1	8.5	0.21	465	0.45	0.06	0.7
28231 Dup		12.3	1.15	5.62	1.19	1.6	0.05	0.70	10.6	8.3	0.21	462	0.47	0.06	0.7
QCV1108-02596-0011-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		20.04		4.8	1.23		44.1	27.4			0.87		15.5

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11-360-06439-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28071	Core	40.8	226	20.1	133.3	<0.002	0.197	1.30	15.4	<1.0	2.5	68.4	0.52	0.16	17.2
28071 Dup		41.7	226	21.4	132.2	<0.002	0.194	1.40	14.6	<1.0	2.5	68.3	0.49	0.15	16.3
QCV1108-02596-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28089	Core	<0.2	119	6.1	2.5	<0.002	0.213	0.13	0.7	<1.0	0.3	42.8	0.53	0.08	1.2
28089 Dup		<0.2	122	4.9	2.5	<0.002	0.211	0.11	0.6	<1.0	0.3	43.4	0.74	0.08	1.1
QCV1108-02596-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28213	Core	49.9	422	27.9	151.0	0.002	0.115	0.98	19.9	<1.0	2.4	190.7	0.58	0.13	22.4
28213 Dup		49.1	421	28.9	154.7	0.002	0.114	1.04	19.0	<1.0	2.5	193.4	0.40	0.16	18.8
QCV1108-02596-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28231	Core	8.1	81	165.3	38.3	0.002	0.444	1.55	2.2	<1.0	4.6	36.5	0.07	<0.05	9.3
28231 Dup		8.1	85	167.9	38.1	<0.002	0.452	1.54	2.2	<1.0	4.7	37.4	0.07	<0.05	9.8
QCV1108-02596-0011-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		43.4		32.0	192.0	0.004	1.281	2.58	13.1	13.3	22.5	33.7	1.35	0.07	21.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28071	Core	0.048	0.66	2.6	138	3.9	5.4	123	70.5
28071 Dup		0.061	0.67	2.8	137	4.4	6.2	125	81.3
QCV1108-02596-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28089	Core	<0.005	<0.02	1.1	316	0.2	2.1	23	2.6
28089 Dup		<0.005	<0.02	1.2	319	0.2	2.1	21	7.7
QCV1108-02596-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28213	Core	0.103	0.82	4.3	181	0.7	8.7	137	100.1
28213 Dup		0.085	0.80	3.9	180	0.6	8.4	136	96.5
QCV1108-02596-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28231	Core	0.019	0.20	1.1	28	1.5	3.2	151	36.1
28231 Dup		0.019	0.21	1.1	28	1.4	3.1	161	34.3
QCV1108-02596-0011-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.85	3.2			24.8	177	117.7

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11-360-06441-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 8**
Description: **3 ACE**

Date Received: 08/29/2011
Date Completed: 09/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	57	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28013	Core	0.013	0.36	2.42	51.7	122	0.59	0.05	0.19	3.22	16.61	4.4	194	1.43	15.5
28014	Core	0.042	0.61	2.45	233.9	129	0.56	0.05	0.23	4.11	21.38	3.4	216	1.53	18.7
28015	Core	0.052	0.15	1.96	242.1	95	0.44	0.05	0.13	1.76	19.70	3.5	212	1.20	10.3
28016	Core	0.013	0.13	2.02	54.3	89	0.44	0.06	0.23	1.08	17.06	3.9	253	1.20	12.0
28017	Core	0.070	0.57	>10	152.3	1222	3.86	0.50	0.22	2.06	22.70	21.9	206	10.79	58.7
28018	Core	0.006	0.16	3.58	50.0	190	0.76	0.08	0.14	0.48	17.51	6.0	192	1.99	16.5
28019	Core	<0.005	0.55	2.02	261.8	111	0.50	0.04	0.09	2.60	13.70	4.2	159	1.30	16.5
28020	Core	0.023	0.75	2.29	312.8	120	0.63	0.05	0.02	1.19	24.59	3.2	172	2.26	11.6
28021	Core	0.008	0.23	1.98	144.3	88	0.40	0.04	0.04	1.76	17.30	3.2	200	1.12	14.7
28022	Core	<0.005	0.13	2.66	200.9	133	0.65	0.05	0.02	1.06	34.24	2.7	178	1.65	11.6
28023	Core	0.019	0.37	1.78	146.8	102	0.33	0.05	0.01	0.74	22.13	2.1	182	1.50	12.2
28024	Core	0.006	0.08	1.76	89.7	74	0.41	0.05	0.17	2.87	22.73	5.3	180	0.95	12.9
28025	Core	0.076	0.21	3.79	509.5	231	0.96	0.10	0.05	3.27	27.46	4.1	175	2.30	13.7
28026	Core	0.015	0.34	2.46	95.9	140	0.55	0.09	0.09	3.99	21.39	3.9	169	1.53	14.9
28027	Core	0.028	0.23	3.73	108.7	235	0.82	0.10	0.06	2.08	25.48	3.6	141	2.37	15.7
28028	Core	0.006	0.08	1.68	30.7	64	0.35	0.04	1.30	0.18	23.63	3.8	116	0.87	10.0
28029	Core	<0.005	0.27	>10	54.8	798	4.14	0.46	0.18	0.20	67.45	18.2	168	7.36	54.4
28030	Core	<0.005	0.65	>10	23.0	779	4.00	0.41	0.18	0.18	58.90	20.4	127	7.41	55.6
28031	Core	<0.005	0.27	>10	47.4	769	3.93	0.41	0.16	0.37	81.71	18.8	139	7.38	55.0
28032	Core	0.032	0.13	4.72	97.8	245	1.13	0.16	0.38	0.25	33.64	9.4	183	2.46	21.6
28033	Core	<0.005	0.05	1.94	5.7	71	0.37	0.04	0.76	<0.02	28.60	2.9	178	0.97	7.0
28034	Core	0.009	0.07	1.89	9.5	60	0.29	0.05	0.85	0.03	25.33	2.9	180	0.82	6.1
28035	Core	0.008	0.07	2.43	9.6	104	0.43	0.05	0.27	0.03	29.23	3.6	175	1.27	7.8
28036	Core	0.007	0.07	2.05	25.6	73	0.28	0.04	1.11	0.17	27.78	3.9	175	1.04	6.7
28037	Core	0.044	0.20	4.08	583.5	250	0.86	0.05	0.79	3.49	22.79	6.7	253	2.15	16.3
28038	Core	0.029	0.16	2.58	357.7	136	0.62	0.05	0.53	1.30	24.79	5.8	225	1.54	11.2
28039	Core	0.043	0.12	2.21	334.2	67	0.35	0.04	0.18	0.38	19.97	5.0	221	0.97	9.3
28040	Core	0.043	0.14	2.15	139.7	90	0.36	0.05	0.65	1.26	25.91	4.8	198	1.14	9.7
28041	Core	<0.005	0.08	1.75	11.1	89	0.37	0.05	1.90	0.05	22.83	3.5	185	0.88	8.1
28042	Core	<0.005	0.14	8.16	29.5	479	1.81	0.19	0.46	0.37	40.99	13.5	168	4.07	34.5
28043	Core	0.006	0.22	9.13	43.5	594	2.72	0.31	0.16	0.19	48.30	16.3	162	5.11	39.2
28044	Core	<0.005	0.23	>10	72.2	819	3.48	0.46	0.18	0.15	56.57	18.9	134	6.98	53.5
28045	Core	<0.005	0.08	3.29	28.3	136	0.70	0.06	1.00	0.04	32.86	7.9	165	1.27	11.8
28046	Core	0.008	0.16	8.19	87.4	534	2.23	0.29	0.37	0.17	46.68	14.7	159	4.73	35.3
28047	Core	<0.005	0.38	2.60	44.9	80	0.47	0.06	0.68	0.27	26.54	7.8	127	0.92	10.1
28048	Core	<0.005	0.22	5.71	11.8	337	1.22	0.15	0.79	0.07	28.94	10.6	130	3.12	22.0
28049	Pulp	7.819	0.64	3.28	940.4	170	0.90	0.63	>10	4.30	29.61	7.0	113	7.03	37.8
28050	Core	<0.005	0.12	6.26	15.4	363	1.38	0.16	0.71	0.09	29.48	10.8	135	3.32	23.7
28051	Core	<0.005	0.11	8.00	17.3	669	1.80	0.22	1.10	0.14	28.85	13.2	148	5.56	36.5
28052	Core	<0.005	0.14	>10	8.7	754	3.06	0.39	0.35	0.04	29.19	18.8	113	7.21	52.8

3Ace Property, Northern Tiger Resources Inc.
Vol 8-90
Buchanan et al., 2011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28053	Core	<0.005	0.22	>10	19.2	883	3.23	0.45	0.35	0.17	28.39	24.6	111	8.39	56.3
28054	Core	<0.005	0.22	>10	22.5	850	3.13	0.56	0.53	0.16	29.21	21.6	101	8.81	51.5
28055	Core	<0.005	0.18	>10	23.5	741	2.98	0.53	0.53	0.08	39.72	18.9	125	8.02	47.4
28056	Core	<0.005	0.14	9.07	26.2	644	2.99	0.39	1.13	0.05	20.27	14.4	133	8.42	46.7
28057	Core	0.014	0.14	6.93	18.8	485	1.62	0.24	2.44	0.09	22.82	7.9	132	6.59	34.8
28058	Core	0.036	0.16	9.07	29.0	615	2.61	0.36	0.97	0.08	24.26	17.0	131	14.21	45.0
28059	Core	0.013	0.17	>10	21.8	704	2.93	0.47	1.56	0.08	16.70	20.8	129	10.63	55.4
28060	Core	0.008	0.17	>10	24.0	822	3.43	0.50	0.61	0.08	14.84	22.7	112	11.13	64.0
28061	Core	<0.005	0.19	8.69	21.4	652	2.58	0.42	0.64	0.10	25.02	16.8	163	8.02	43.3
28062	Core	<0.005	0.21	>10	24.6	870	3.33	0.58	0.38	0.11	24.32	21.3	107	9.02	52.1
28063	Core	<0.005	0.16	8.91	18.6	692	2.80	0.37	1.35	0.06	16.82	16.4	90	7.62	49.1
28064	Core	<0.005	0.53	>10	25.5	831	3.12	0.57	0.27	0.10	21.18	22.9	101	8.60	53.0
28065	Core	0.021	0.23	>10	30.9	781	3.01	0.56	0.26	0.12	30.20	21.0	98	9.43	54.7
28066	Core	<0.005	0.16	5.86	9.1	484	1.51	0.20	0.42	0.03	24.73	11.9	91	7.76	58.8
28067	Core	<0.005	0.11	6.23	8.9	370	1.45	0.18	0.46	0.05	25.95	13.1	110	5.98	36.0
28068	Core	0.010	0.27	>10	39.3	739	2.90	0.52	0.28	0.07	44.01	21.4	125	18.86	55.4
28069	Core	<0.005	0.17	>10	14.7	755	3.45	0.29	0.19	0.10	29.62	10.3	132	9.44	51.1
28070	Core	0.017	0.27	>10	30.3	654	3.32	0.60	0.43	0.07	22.42	31.4	113	7.92	51.1

3Ace Property, Northern Tiger Resources Inc.
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28013	Core	1.08	5.97	0.95	3.3	0.04	0.68	6.5	8.9	0.16	471	0.54	0.04	2.9	9.3
28014	Core	1.15	5.82	1.09	2.7	0.09	1.00	9.5	5.2	0.17	521	0.51	0.04	1.5	9.1
28015	Core	1.06	4.56	0.88	1.9	0.02	0.53	8.1	10.2	0.08	399	0.55	0.03	1.2	8.3
28016	Core	1.11	4.63	1.10	2.0	0.01	0.51	7.8	12.3	0.18	311	0.56	0.03	1.2	8.8
28017	Core	4.24	40.91	1.37	10.4	0.11	5.04	12.2	21.6	0.61	878	0.64	0.36	7.7	48.2
28018	Core	1.72	9.25	1.05	2.3	0.01	1.00	8.2	10.5	0.22	347	0.51	0.06	1.7	14.2
28019	Core	1.20	4.64	1.24	1.4	0.05	0.73	6.3	7.5	0.07	152	0.46	0.03	0.9	8.8
28020	Core	1.01	5.29	1.10	1.7	0.08	0.73	10.8	12.9	0.06	61	0.41	0.03	1.1	5.9
28021	Core	1.00	4.35	0.98	1.5	0.03	0.52	7.5	7.9	0.04	99	0.65	0.03	1.1	7.2
28022	Core	1.07	6.26	0.83	2.1	0.04	0.67	14.6	12.2	0.04	39	0.46	0.04	1.3	7.5
28023	Core	0.77	4.29	1.08	1.3	0.06	0.67	9.9	9.6	0.06	40	0.53	0.03	0.8	5.3
28024	Core	1.15	4.19	1.05	1.5	0.02	0.45	10.0	16.6	0.09	496	0.50	0.03	0.8	10.5
28025	Core	1.61	10.10	1.24	2.5	0.07	1.37	13.0	8.0	0.12	205	0.50	0.06	1.6	10.5
28026	Core	1.19	6.02	0.96	1.6	0.07	0.87	9.9	6.1	0.12	210	0.42	0.05	1.0	9.6
28027	Core	1.24	9.81	1.22	2.6	0.12	1.36	11.4	9.2	0.18	117	0.44	0.14	1.7	8.5
28028	Core	0.96	3.74	0.86	1.2	<0.01	0.41	10.0	8.2	0.21	536	0.35	0.29	0.6	6.0
28029	Core	5.07	30.37	1.62	4.5	0.07	4.05	37.9	65.7	1.15	384	0.52	0.33	5.2	46.7
28030	Core	5.48	31.53	1.62	4.3	0.08	3.76	33.3	72.8	1.24	375	0.48	0.31	5.1	47.0
28031	Core	5.18	30.66	1.68	4.6	0.07	3.78	41.9	64.1	1.17	364	0.47	0.27	4.7	45.3
28032	Core	2.79	12.46	1.17	2.6	0.02	1.22	16.3	29.7	0.50	406	0.43	0.15	1.5	21.4
28033	Core	1.06	4.31	0.80	1.4	<0.01	0.36	12.8	9.9	0.23	390	0.56	0.35	0.7	6.0
28034	Core	1.00	4.08	0.89	1.4	0.01	0.32	11.3	8.1	0.20	369	0.50	0.53	0.8	6.6
28035	Core	1.21	5.70	0.92	1.6	<0.01	0.52	13.1	12.1	0.24	211	0.38	0.39	0.9	8.2
28036	Core	1.14	4.58	0.88	1.6	0.01	0.39	12.8	7.2	0.24	418	0.69	0.16	0.9	7.7
28037	Core	1.68	10.05	1.14	2.5	0.07	1.37	11.0	7.2	0.35	563	0.59	0.10	1.5	14.1
28038	Core	1.17	6.23	1.05	1.4	0.02	0.75	11.4	6.2	0.22	529	0.47	0.11	1.1	11.1
28039	Core	1.21	4.49	1.01	1.3	0.01	0.40	9.3	7.0	0.22	353	0.86	0.07	0.8	9.8
28040	Core	1.22	5.12	0.99	1.6	0.02	0.52	11.9	14.4	0.23	463	0.43	0.17	0.8	9.2
28041	Core	1.25	4.27	0.83	1.1	0.01	0.36	10.9	14.6	0.27	673	0.45	0.25	0.5	8.5
28042	Core	3.88	19.22	1.21	3.8	0.05	2.20	21.1	39.0	0.89	645	0.60	0.22	3.0	28.8
28043	Core	4.38	22.31	1.60	3.6	0.06	2.64	25.9	56.8	0.93	404	0.53	0.22	3.8	36.5
28044	Core	5.29	29.46	1.63	4.4	0.08	3.94	30.3	72.3	1.24	461	0.50	0.33	4.6	45.2
28045	Core	2.94	7.97	1.10	1.7	0.02	0.59	15.2	31.0	0.74	1062	0.34	0.07	1.3	15.9
28046	Core	3.97	19.67	1.33	3.3	0.05	2.32	24.0	43.7	0.74	811	0.45	0.22	3.0	29.4
28047	Core	2.60	6.12	1.00	8.1	0.02	0.34	12.4	25.1	0.57	1037	0.43	0.03	2.2	15.0
28048	Core	3.14	14.07	1.16	3.7	0.03	1.32	14.0	24.5	0.59	1095	0.37	0.14	2.4	21.2
28049	Pulp	1.38	7.14	0.46	3.0	0.06	1.29	16.9	9.4	0.83	301	12.16	<0.01	8.1	60.4
28050	Core	3.10	14.84	1.04	3.1	0.04	1.46	14.4	23.7	0.57	1032	0.50	0.16	1.9	20.2
28051	Core	4.63	19.48	1.30	2.9	0.05	1.96	15.1	33.7	0.91	741	0.40	0.26	2.0	30.0
28052	Core	5.43	27.43	1.51	3.5	0.06	2.78	16.2	58.2	1.00	483	0.59	0.44	3.0	42.6

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28053	Core	5.16	29.17	1.65	3.5	0.08	3.12	15.8	65.6	1.02	578	1.63	0.50	4.6	49.4
28054	Core	5.16	26.63	1.60	3.3	0.07	3.02	15.8	51.8	1.00	744	1.66	0.49	3.1	43.5
28055	Core	4.99	23.98	1.57	3.5	0.07	2.81	21.8	51.6	1.04	777	1.87	0.48	3.2	38.3
28056	Core	4.57	22.37	1.50	3.1	0.05	2.38	11.2	56.9	1.08	972	1.01	0.46	3.0	34.4
28057	Core	3.65	17.30	1.30	2.3	0.04	1.90	11.9	44.0	1.21	1468	0.50	0.27	2.1	22.8
28058	Core	4.47	23.25	1.73	3.0	0.06	2.37	12.9	93.9	1.10	585	0.73	0.41	2.5	36.6
28059	Core	5.31	25.58	1.55	3.2	0.07	2.49	9.1	47.4	0.93	1395	1.17	0.39	2.5	45.1
28060	Core	5.40	27.85	1.62	3.0	0.07	2.98	7.8	52.6	0.96	682	0.95	0.48	2.9	46.3
28061	Core	4.91	22.35	1.80	3.2	0.05	2.32	11.9	59.9	1.02	1106	1.78	0.37	3.0	35.5
28062	Core	5.01	28.46	1.72	3.5	0.08	3.22	14.0	57.7	0.91	774	1.46	0.50	3.9	40.6
28063	Core	5.12	23.28	1.62	3.2	0.07	2.43	8.6	58.8	1.21	1864	0.97	0.35	2.6	34.1
28064	Core	5.05	27.47	1.74	3.3	0.08	3.09	12.1	59.2	0.94	674	1.40	0.43	3.5	43.9
28065	Core	4.79	27.09	1.62	3.2	0.08	3.06	16.2	48.2	0.84	638	1.04	0.38	2.9	40.7
28066	Core	3.54	15.26	1.42	2.4	0.04	1.34	12.7	46.5	0.68	555	0.33	0.13	1.5	26.0
28067	Core	3.43	15.53	1.38	2.5	0.04	1.54	13.2	38.2	0.70	560	0.33	0.14	1.7	26.7
28068	Core	4.90	28.05	2.00	4.1	0.07	3.07	23.2	63.8	1.19	430	0.70	0.30	3.5	43.3
28069	Core	4.62	29.29	1.48	3.6	0.07	3.69	17.1	49.0	0.71	430	0.69	0.33	3.1	34.4
28070	Core	5.14	27.92	1.50	3.6	0.07	3.64	11.8	39.4	0.80	382	0.89	0.33	2.5	48.1

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11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28013	Core	26	92.6	35.7	<0.002	0.265	0.72	2.3	<1.0	3.3	15.1	0.41	<0.05	8.2	0.022
28014	Core	29	306.0	49.0	<0.002	0.596	1.22	2.2	<1.0	10.6	13.4	0.22	0.05	8.4	0.026
28015	Core	97	51.4	27.4	<0.002	0.113	0.83	1.8	<1.0	1.2	13.6	0.16	0.10	6.3	0.018
28016	Core	50	33.3	27.0	<0.002	0.166	0.88	1.8	<1.0	1.1	14.2	0.16	<0.05	7.4	0.019
28017	Core	110	183.2	268.3	<0.002	1.667	3.46	22.1	<1.0	5.5	118.7	1.49	0.28	30.9	0.136
28018	Core	63	21.1	50.9	<0.002	0.223	0.73	3.9	<1.0	1.5	18.5	0.22	0.09	9.2	0.033
28019	Core	227	261.8	37.5	<0.002	0.281	1.26	2.5	<1.0	5.6	17.1	0.11	<0.05	6.8	0.019
28020	Core	34	341.4	37.2	<0.002	0.028	1.25	2.3	<1.0	5.9	10.9	0.11	<0.05	7.2	0.023
28021	Core	56	92.9	26.0	<0.002	0.070	0.65	1.8	<1.0	2.2	10.5	0.12	<0.05	7.4	0.021
28022	Core	36	55.1	33.6	<0.002	0.012	0.75	2.4	<1.0	1.3	13.8	0.14	<0.05	8.9	0.031
28023	Core	21	175.4	32.8	<0.002	0.015	1.27	1.5	<1.0	6.5	10.1	0.08	<0.05	5.3	0.020
28024	Core	64	10.1	23.9	<0.002	0.134	0.83	1.5	<1.0	0.7	11.3	0.09	0.08	6.9	0.017
28025	Core	56	65.1	69.0	<0.002	0.310	2.11	4.6	<1.0	3.3	19.5	0.19	<0.05	9.8	0.042
28026	Core	60	159.7	44.2	<0.002	0.392	0.98	2.5	<1.0	4.5	15.9	0.13	<0.05	7.4	0.024
28027	Core	22	85.0	71.0	<0.002	0.486	1.32	4.1	<1.0	5.5	24.3	0.21	<0.05	8.5	0.040
28028	Core	23	18.3	19.4	<0.002	0.182	0.50	1.5	<1.0	0.9	47.4	0.07	<0.05	6.7	0.018
28029	Core	434	22.8	192.7	<0.002	0.238	2.16	19.7	<1.0	2.6	109.7	0.76	0.16	20.7	0.139
28030	Core	424	28.7	197.2	0.003	0.250	2.49	19.7	<1.0	2.6	108.2	0.72	0.16	18.9	0.143
28031	Core	348	23.1	202.5	<0.002	0.120	1.31	20.0	<1.0	2.7	96.7	0.72	0.12	21.8	0.144
28032	Core	73	19.7	63.1	<0.002	0.070	0.62	6.8	<1.0	1.2	34.2	0.19	0.06	12.1	0.046
28033	Core	32	6.1	19.5	<0.002	0.029	0.31	1.8	<1.0	0.6	35.9	0.09	<0.05	7.9	0.021
28034	Core	25	16.3	17.0	<0.002	0.062	0.35	1.7	<1.0	0.5	49.9	0.10	<0.05	7.6	0.021
28035	Core	64	9.5	27.1	<0.002	0.021	0.27	2.4	<1.0	0.7	23.0	0.10	<0.05	7.9	0.027
28036	Core	32	11.6	19.2	<0.002	0.121	0.36	2.1	<1.0	0.7	40.9	0.10	<0.05	8.3	0.025
28037	Core	53	70.5	61.9	<0.002	0.409	1.21	4.7	<1.0	2.8	33.1	0.17	<0.05	10.8	0.044
28038	Core	79	33.7	36.9	0.002	0.256	0.96	2.8	<1.0	1.5	26.4	0.12	<0.05	9.4	0.030
28039	Core	28	16.5	20.2	<0.002	0.242	0.86	2.0	<1.0	1.1	11.6	0.08	<0.05	5.6	0.023
28040	Core	37	25.4	26.9	<0.002	0.303	0.72	2.3	<1.0	1.0	31.7	0.10	<0.05	7.9	0.025
28041	Core	41	10.6	19.7	<0.002	0.121	0.40	2.0	<1.0	0.6	81.5	0.05	<0.05	6.8	0.019
28042	Core	290	18.4	112.5	<0.002	0.119	1.05	11.8	<1.0	2.0	62.6	0.38	0.05	16.2	0.085
28043	Core	242	24.2	138.5	<0.002	0.273	1.89	14.0	<1.0	2.1	78.7	0.48	0.09	16.4	0.109
28044	Core	328	34.1	189.8	<0.002	0.195	1.28	19.3	<1.0	2.7	106.9	0.64	0.16	20.9	0.135
28045	Core	63	15.9	30.9	<0.002	0.025	0.26	4.3	<1.0	0.8	36.4	0.15	0.14	8.4	0.038
28046	Core	248	26.9	120.7	<0.002	0.214	0.89	11.9	<1.0	1.9	84.2	0.35	0.17	15.2	0.090
28047	Core	60	15.2	18.1	<0.002	0.017	0.36	4.2	<1.0	0.6	23.0	0.32	0.05	10.2	0.024
28048	Core	82	17.1	74.8	<0.002	0.044	0.34	8.3	<1.0	1.3	66.6	0.39	0.12	12.5	0.046
28049	Pulp	3096	6.1	105.7	0.034	1.334	19.37	6.9	8.4	1.8	134.1	0.66	0.60	7.0	0.213
28050	Core	80	17.8	80.8	<0.002	0.054	0.39	8.7	<1.0	1.4	67.4	0.31	0.11	13.0	0.046
28051	Core	1783	8.4	107.4	<0.002	0.081	0.44	11.8	<1.0	1.7	648.9	0.36	0.13	14.7	0.059
28052	Core	200	8.2	158.4	<0.002	0.232	0.63	18.0	<1.0	2.3	158.4	0.51	0.24	17.7	0.090

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11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28053	Core	198	31.5	188.0	0.004	1.394	1.23	19.2	<1.0	2.6	183.9	0.61	0.25	14.7	0.132
28054	Core	121	47.6	176.6	0.003	2.455	1.67	17.8	<1.0	2.4	185.7	0.47	0.32	14.2	0.100
28055	Core	174	45.5	162.5	0.003	2.596	2.26	16.0	1.2	2.3	168.4	0.49	0.26	14.8	0.104
28056	Core	190	28.1	145.8	0.003	1.667	4.93	15.2	<1.0	2.3	202.8	0.40	0.21	13.1	0.091
28057	Core	91	9.3	109.7	0.002	0.510	2.08	10.7	<1.0	1.8	198.9	0.27	0.10	11.7	0.062
28058	Core	108	24.0	140.3	<0.002	1.287	4.99	14.3	<1.0	1.9	212.7	0.37	0.13	13.2	0.077
28059	Core	126	42.4	159.9	<0.002	2.116	6.65	17.5	1.2	2.2	172.6	0.40	0.28	14.2	0.085
28060	Core	240	39.5	178.8	<0.002	0.541	6.24	18.6	<1.0	3.1	195.5	0.38	0.21	13.0	0.103
28061	Core	88	41.9	138.1	0.003	1.857	3.88	13.7	<1.0	2.0	151.3	0.37	0.23	13.1	0.096
28062	Core	209	51.5	188.9	<0.002	2.472	3.85	19.4	<1.0	2.5	186.6	0.49	0.30	14.4	0.133
28063	Core	88	34.0	150.6	0.003	1.571	2.96	16.3	<1.0	2.4	157.9	0.41	0.24	13.9	0.091
28064	Core	122	49.4	183.2	0.003	2.480	3.76	17.9	<1.0	3.0	159.0	0.46	0.35	12.9	0.116
28065	Core	152	30.7	175.3	0.002	1.802	4.10	17.6	<1.0	2.9	146.7	0.44	0.36	13.6	0.107
28066	Core	98	15.6	80.8	<0.002	0.137	0.66	8.6	<1.0	5.0	67.8	0.21	0.12	10.8	0.052
28067	Core	187	21.1	85.6	<0.002	0.129	0.92	8.9	<1.0	2.4	69.4	0.21	0.08	11.2	0.056
28068	Core	290	32.9	175.2	0.002	0.486	2.40	17.5	<1.0	2.5	112.0	0.52	0.21	17.4	0.116
28069	Core	111	19.7	192.7	<0.002	0.215	1.38	18.1	<1.0	3.2	105.4	0.43	0.10	17.4	0.102
28070	Core	788	30.6	167.1	0.004	0.965	3.92	17.8	<1.0	2.5	105.9	0.40	0.21	16.8	0.088

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11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28013	Core	0.20	1.0	29	2.0	3.0	161	44.1
28014	Core	0.28	1.1	30	1.7	3.0	240	40.2
28015	Core	0.16	1.1	22	7.0	3.3	159	33.0
28016	Core	0.14	1.1	24	1.4	2.6	65	35.5
28017	Core	1.58	6.2	218	3.4	12.3	196	191.8
28018	Core	0.31	1.4	45	1.6	3.5	56	51.4
28019	Core	0.21	0.9	23	1.8	6.4	164	32.0
28020	Core	0.19	1.0	26	2.3	2.8	137	40.1
28021	Core	0.14	0.9	21	1.6	2.5	130	35.3
28022	Core	0.18	1.3	30	1.6	3.4	165	53.6
28023	Core	0.19	0.8	19	1.4	2.2	120	31.6
28024	Core	0.13	1.0	20	1.5	2.9	140	38.5
28025	Core	0.40	1.5	49	1.9	4.2	142	56.1
28026	Core	0.24	1.4	28	1.4	2.9	163	36.2
28027	Core	0.38	1.6	47	1.2	3.6	59	61.4
28028	Core	0.12	0.9	22	0.6	3.1	24	29.6
28029	Core	1.14	4.3	178	1.0	7.2	113	87.3
28030	Core	1.10	4.3	181	0.9	8.0	119	95.5
28031	Core	1.14	4.5	184	1.3	9.5	123	109.5
28032	Core	0.39	2.2	72	1.1	4.9	66	64.0
28033	Core	0.11	1.0	26	0.4	2.9	15	36.4
28034	Core	0.09	1.0	25	0.7	3.1	17	35.9
28035	Core	0.15	1.0	32	0.6	2.8	18	41.9
28036	Core	0.10	1.0	28	1.8	3.9	28	40.2
28037	Core	0.36	1.5	56	2.7	4.5	212	63.9
28038	Core	0.21	1.1	36	77.1	3.8	82	43.6
28039	Core	0.12	1.1	28	2.3	2.2	53	30.6
28040	Core	0.16	1.0	28	1.4	3.5	64	41.0
28041	Core	0.11	0.9	25	0.4	3.5	20	31.1
28042	Core	0.65	2.8	122	1.2	7.3	87	89.4
28043	Core	0.80	3.2	136	1.2	6.7	97	87.2
28044	Core	1.14	4.4	191	1.6	8.6	119	104.6
28045	Core	0.18	1.5	53	0.8	4.0	50	42.7
28046	Core	0.68	2.9	119	1.7	6.3	80	78.2
28047	Core	0.10	1.0	42	0.9	3.6	58	38.1
28048	Core	0.43	1.9	83	2.5	5.1	59	63.2
28049	Pulp	14.00	7.9	451	35.6	26.5	232	74.7
28050	Core	0.53	2.1	91	2.9	5.5	60	67.3
28051	Core	0.66	2.9	122	3.3	8.4	83	65.3
28052	Core	0.92	4.0	164	2.4	6.5	103	83.3

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11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28053	Core	1.04	3.9	174	1.7	6.4	119	82.9
28054	Core	1.05	3.7	162	1.0	5.4	104	76.9
28055	Core	0.98	3.5	158	0.8	5.6	99	77.9
28056	Core	0.88	3.2	141	1.6	6.2	90	77.9
28057	Core	0.68	2.4	110	1.8	5.6	77	56.3
28058	Core	0.79	3.3	140	3.4	5.6	92	68.3
28059	Core	0.96	3.7	152	2.8	6.7	96	71.7
28060	Core	1.06	3.8	170	2.8	5.6	99	73.1
28061	Core	0.80	3.4	141	1.8	6.0	86	76.8
28062	Core	1.16	4.3	173	2.3	6.1	101	82.2
28063	Core	0.90	3.2	139	2.1	5.8	100	72.8
28064	Core	1.09	3.9	161	2.2	5.4	97	76.3
28065	Core	1.10	4.3	160	3.6	5.7	112	75.1
28066	Core	0.44	2.3	86	2.6	4.6	71	58.8
28067	Core	0.49	2.5	91	2.5	4.8	67	59.6
28068	Core	1.01	7.5	173	4.0	7.1	124	91.2
28069	Core	1.11	3.8	163	3.8	5.9	105	85.3
28070	Core	1.02	4.0	161	4.9	8.9	106	86.8

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11-360-06441-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28013	Core		0.36	2.42	51.7	122	0.59	0.05	0.19	3.22	16.61	4.4	194	1.43	15.5
28013 Dup			0.27	2.41	53.4	125	0.50	0.05	0.19	3.33	23.26	4.3	206	1.46	15.6
QCV1108-02622-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.43												1032.7
28031	Core		0.27	>10	47.4	769	3.93	0.41	0.16	0.37	81.71	18.8	139	7.38	55.0
28031 Dup			0.24	>10	46.9	746	3.57	0.39	0.14	0.36	77.24	17.9	141	7.16	53.9
QCV1108-02622-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.64		8.3	433	2.96	8.11		0.20	88.66	22.9		6.74	>10000
28049	Pulp		0.64	3.28	940.4	170	0.90	0.63	>10	4.30	29.61	7.0	113	7.03	37.8
28049 Dup			0.59	3.17	923.7	163	0.91	0.58	>10	4.04	32.59	6.8	100	6.87	36.5
QCV1108-02622-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.78												1022.7
28067	Core		0.11	6.23	8.9	370	1.45	0.18	0.46	0.05	25.95	13.1	110	5.98	36.0
28067 Dup			0.12	6.43	9.1	369	1.50	0.19	0.46	0.05	21.03	13.1	109	5.99	38.7
QCV1108-02622-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.50		8.4	393	2.72	8.12		0.16	88.98	22.3		6.62	>10000
28013	Core	0.013													
28013 Dup		0.014													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.275													
28031	Core	<0.005													
28031 Dup		<0.005													
QCV1108-02623-0004-BLK		<0.005													
28049	Pulp	7.819													
28049 Dup		7.877													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.176													
28067	Core	<0.005													
28067 Dup		<0.005													
QCV1108-02623-0008-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.396													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28013	Core	1.08	5.97	0.95	3.3	0.04	0.68	6.5	8.9	0.16	471	0.54	0.04	2.9	9.3
28013 Dup		1.10	6.31	1.01	3.4	0.05	0.67	10.3	9.0	0.16	478	0.54	0.04	2.1	9.5
QCV1108-02622-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28031	Core	5.18	30.66	1.68	4.6	0.07	3.78	41.9	64.1	1.17	364	0.47	0.27	4.7	45.3
28031 Dup		5.28	31.20	1.63	4.6	0.07	3.82	41.5	62.8	1.18	370	0.44	0.27	4.6	44.4
QCV1108-02622-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.71		4.9	1.11		43.2	26.4			0.96		15.3	41.5
28049	Pulp	1.38	7.14	0.46	3.0	0.06	1.29	16.9	9.4	0.83	301	12.16	<0.01	8.1	60.4
28049 Dup		1.35	6.70	0.40	2.7	0.06	1.25	17.7	8.8	0.80	292	11.84	<0.01	7.9	59.2
QCV1108-02622-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28067	Core	3.43	15.53	1.38	2.5	0.04	1.54	13.2	38.2	0.70	560	0.33	0.14	1.7	26.7
28067 Dup		3.47	15.58	1.45	2.5	0.04	1.59	11.0	37.4	0.72	562	0.36	0.14	1.9	26.5
QCV1108-02622-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.71		4.7	1.06		42.8	25.0			0.81		14.3	40.7

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28013	Core	26	92.6	35.7	<0.002	0.265	0.72	2.3	<1.0	3.3	15.1	0.41	<0.05	8.2	0.022
28013 Dup		36	93.5	38.1	<0.002	0.264	0.68	2.4	<1.0	3.5	15.6	0.29	0.10	7.7	0.027
QCV1108-02622-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28031	Core	348	23.1	202.5	<0.002	0.120	1.31	20.0	<1.0	2.7	96.7	0.72	0.12	21.8	0.144
28031 Dup		346	21.4	197.9	0.002	0.119	1.22	19.4	<1.0	2.6	93.7	0.67	0.16	21.4	0.142
QCV1108-02622-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.4	185.9	0.003	1.235	2.45	14.4	13.6	22.1	33.7	1.37	0.06	18.8	
28049	Pulp	3096	6.1	105.7	0.034	1.334	19.37	6.9	8.4	1.8	134.1	0.66	0.60	7.0	0.213
28049 Dup		3042	6.2	103.0	0.048	1.304	18.91	6.6	7.6	1.7	129.5	0.60	0.68	6.7	0.212
QCV1108-02622-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28067	Core	187	21.1	85.6	<0.002	0.129	0.92	8.9	<1.0	2.4	69.4	0.21	0.08	11.2	0.056
28067 Dup		186	20.8	85.5	<0.002	0.137	0.97	8.9	<1.0	2.4	69.4	0.21	0.11	11.6	0.050
QCV1108-02622-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			32.0	180.6	0.005	1.340	2.48	13.3	14.2	21.4	32.6	1.32	<0.05	18.7	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28013	Core	0.20	1.0	29	2.0	3.0	161	44.1
28013 Dup		0.19	1.1	30	1.9	3.3	163	43.1
QCV1108-02622-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28031	Core	1.14	4.5	184	1.3	9.5	123	109.5
28031 Dup		1.12	4.4	187	1.2	9.7	124	106.8
QCV1108-02622-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.2			24.9	176	122.6
28049	Pulp	14.00	7.9	451	35.6	26.5	232	74.7
28049 Dup		13.46	7.8	442	33.8	25.5	226	73.5
QCV1108-02622-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28067	Core	0.49	2.5	91	2.5	4.8	67	59.6
28067 Dup		0.49	2.5	92	2.5	4.5	68	59.1
QCV1108-02622-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.90	3.3			25.2	181	115.5

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 9**
Description: **3 ACE**

Date Received: 08/26/2011
Date Completed: 09/20/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	65	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28235	Core	0.016	0.34	>10	60.3	788	3.70	0.28	0.13	0.56	38.77	17.0	174	8.30	58.2
28236	Core	0.526	0.59	>10	4954.6	771	4.06	0.23	0.60	2.19	36.20	15.2	172	11.04	48.1
28237	Core	0.611	0.40	8.82	1707.7	493	2.77	0.24	0.29	0.47	66.00	13.6	165	14.40	44.0
28238	Core	0.731	2.80	2.49	4856.7	99	0.69	0.07	0.49	0.96	56.84	4.0	156	2.58	9.8
28239	Reject	0.749	0.34	3.19	3808.2	176	0.88	0.09	0.48	1.31	34.08	4.0	164	3.30	13.1
28240	Core	0.007	0.16	0.08	4.8	71	0.11	0.04	>10	0.07	<0.01	1.7	12	0.33	2.6
28241	Core	0.420	0.12	2.30	841.6	108	0.83	0.06	0.40	0.13	42.41	5.9	182	3.09	12.0
28242	Core	0.038	0.23	>10	97.8	818	3.97	0.33	0.13	0.09	64.66	14.1	121	10.67	54.9
28243	Core	0.023	0.32	>10	194.8	782	4.14	0.53	0.14	0.09	71.03	21.6	145	10.43	59.1
28244	Core	0.339	0.26	9.96	3780.6	644	3.50	0.32	0.29	0.11	69.47	17.3	167	7.85	44.2
28245	Core	0.570	0.29	3.01	5506.5	154	0.96	0.08	0.39	1.28	51.60	6.5	231	2.49	14.2
28246	Core	0.081	0.24	1.70	1658.9	53	0.46	0.05	0.28	0.58	59.74	3.9	194	1.59	9.3
28247	Core	0.473	0.37	1.84	1877.2	81	0.58	0.03	0.07	3.61	55.24	4.0	178	3.96	9.7
28248	Core	5.206	0.74	1.76	4773.7	67	0.45	0.04	0.16	1.02	26.87	3.7	213	1.55	7.9
28249	Core	0.843	0.44	>10	982.4	795	3.83	0.28	0.32	0.47	72.42	20.6	154	11.12	50.5
28250	Core	0.092	0.35	9.45	190.7	596	3.20	0.31	0.47	0.32	43.31	17.2	208	7.65	40.7
28251	Core	0.116	0.21	3.49	124.0	196	0.93	0.17	0.31	0.19	60.34	8.2	209	3.04	14.7
28252	Core	0.050	0.54	3.88	283.9	181	1.01	0.08	0.39	0.09	74.90	5.6	249	3.54	20.4
28253	Core	0.044	0.19	3.02	169.5	144	0.70	0.07	0.35	0.05	79.93	5.1	184	1.88	11.1
28254	Core	0.150	0.10	2.76	414.4	140	0.82	0.04	0.14	0.05	59.86	4.7	258	1.75	8.6
28255	Core	0.033	0.10	2.31	11.7	89	0.62	0.05	0.08	0.02	62.40	4.0	225	1.04	8.7
28256	Core	0.034	0.08	2.41	666.7	104	0.51	0.06	0.50	<0.02	43.19	4.0	216	1.46	9.3
28257	Core	<0.005	0.05	2.16	10.0	91	0.40	0.04	0.14	0.02	33.99	3.4	173	1.17	9.4
28258	Core	<0.005	0.07	1.89	28.0	77	0.44	0.04	0.11	0.05	40.58	3.5	231	1.07	9.5
28259	Core	0.007	0.09	1.86	16.5	94	0.45	0.04	0.11	0.06	47.28	3.7	202	1.28	9.2
28260	Core	0.009	0.11	1.75	35.1	83	0.47	0.04	0.19	0.08	60.90	3.5	169	1.11	9.7
28261	Core	0.042	0.73	3.96	304.5	95	1.19	0.06	0.35	0.35	99.40	24.9	217	1.74	31.2
28262	Core	0.010	0.13	2.40	276.8	150	0.76	0.07	0.30	0.10	45.82	4.4	219	1.53	12.3
28263	Core	0.018	0.23	2.65	235.9	128	0.62	0.06	0.55	0.05	45.83	4.5	259	2.08	31.5
28264	Core	0.038	0.35	3.83	399.6	100	0.71	0.04	0.83	0.21	66.24	4.9	330	1.60	12.8
28265	Core	0.034	0.43	5.57	547.5	78	0.81	0.06	1.42	2.67	47.12	5.5	295	1.74	18.6
28266	Core	0.044	0.32	8.00	217.0	508	2.62	0.24	0.31	0.31	73.66	15.1	205	17.38	47.8
28267	Core	1.488	0.40	4.85	4011.5	317	1.82	0.20	0.51	0.13	66.15	11.5	169	15.90	71.1
28268	Core	0.013	0.27	>10	49.0	943	3.91	0.56	0.29	0.08	69.64	23.3	129	8.73	56.6
28269	Core	0.008	0.35	>10	30.8	744	3.34	0.38	0.42	0.08	56.82	22.0	140	7.15	50.0
28270	Core	0.031	0.22	>10	33.2	698	2.68	0.31	0.46	0.12	42.94	18.3	144	7.31	54.1
28271	Core	0.005	0.10	2.63	7.1	123	0.60	0.06	0.36	<0.02	32.47	5.1	138	1.27	12.8
28272	Core	<0.005	0.09	1.94	4.0	80	0.38	0.05	0.19	<0.02	43.51	3.3	161	1.00	8.6
28273	Core	0.009	0.08	2.96	6.3	160	0.68	0.07	0.32	<0.02	61.74	4.3	161	1.77	11.8
28274	Core	<0.005	0.08	1.71	4.5	91	0.51	0.09	3.26	0.17	17.93	5.5	226	1.38	14.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28275	Pulp	7.626	0.66	3.03	949.0	182	0.86	0.63	>10	4.20	54.85	6.5	106	7.65	37.3
28276	Reject	0.005	0.17	4.20	7.6	221	1.25	0.20	1.14	0.11	62.37	7.4	231	2.95	25.7
28277	Core	<0.005	0.18	>10	17.2	610	3.60	0.40	0.16	0.04	177.26	14.7	160	7.85	49.5
28278	Core	<0.005	0.23	>10	14.5	549	3.35	0.27	0.15	0.03	163.73	17.7	174	7.03	52.5
28279	Core	<0.005	0.17	>10	15.8	529	3.07	0.32	0.75	0.04	148.15	18.9	112	7.04	51.4
28280	Core	<0.005	0.17	>10	11.7	568	3.26	0.37	0.16	0.08	170.81	17.6	135	7.56	52.9
28281	Core	<0.005	0.16	>10	14.5	587	3.56	0.51	0.16	0.07	174.14	17.8	115	7.97	47.3
28282	Core	<0.005	0.22	>10	17.6	704	4.23	0.58	0.17	0.07	120.74	18.0	133	9.15	53.7
28283	Core	<0.005	0.14	2.86	4.5	141	0.85	0.29	0.26	0.04	51.75	5.7	155	2.16	14.7
28284	Core	<0.005	0.19	>10	11.8	663	4.28	0.30	0.17	0.04	189.02	16.6	121	9.39	48.5
28285	Core	<0.005	0.14	>10	10.4	588	3.71	0.35	0.14	0.05	175.28	15.8	132	8.78	47.6
28286	Core	0.033	0.69	>10	47.9	624	3.20	0.58	0.46	0.14	180.14	17.0	136	9.70	48.4
28287	Core	<0.005	0.31	>10	19.6	607	3.39	0.50	1.60	0.09	146.17	20.6	107	8.70	54.8
28288	Core	<0.005	0.22	>10	11.9	755	3.90	0.32	0.63	0.05	141.20	16.7	110	9.82	51.7
28289	Core	<0.005	0.19	>10	10.2	731	3.63	0.48	0.14	0.03	146.28	15.4	121	9.61	55.3
28290	Core	<0.005	0.19	>10	10.1	712	3.76	0.41	0.23	0.04	161.66	17.7	117	9.69	51.7
28291	Core	<0.005	0.19	>10	10.6	534	2.96	0.45	1.10	0.10	118.30	19.7	113	6.16	50.2
28292	Core	0.008	0.16	>10	10.8	631	3.58	0.41	0.18	0.08	150.66	21.0	111	9.12	57.5
28293	Core	<0.005	0.18	>10	7.5	685	3.14	0.43	0.34	0.07	155.13	18.0	114	9.03	53.9
28294	Core	<0.005	0.17	>10	7.3	659	3.21	0.42	0.45	0.07	159.87	18.5	106	8.58	51.6
28295	Core	<0.005	0.16	>10	7.1	655	3.06	0.42	0.27	0.05	154.49	18.1	109	8.78	56.0
28296	Core	0.005	0.21	>10	9.3	702	3.30	0.38	0.29	0.07	121.92	18.1	111	9.66	52.9
28297	Core	<0.005	0.21	>10	13.6	679	3.31	0.46	0.38	0.08	166.95	20.6	123	8.75	56.0
28298	Core	<0.005	0.19	>10	10.9	734	3.78	0.45	0.15	0.05	166.19	18.7	116	9.28	54.8
28299	Core	<0.005	0.21	>10	10.3	703	3.47	0.45	0.18	0.08	152.35	17.5	112	8.83	55.3
28300	Core	<0.005	0.21	>10	13.2	760	3.56	0.52	0.16	0.09	179.17	18.3	123	9.27	58.3
28301	Core	0.013	0.18	>10	12.6	746	3.56	0.49	0.20	0.10	183.25	17.8	108	9.09	55.7
28302	Core	<0.005	0.20	>10	23.2	780	3.72	0.43	0.12	0.07	167.21	17.0	111	9.75	54.3

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28235	Core	4.74	32.06	1.59	4.5	0.07	3.77	10.7	66.8	0.88	548	0.51	0.19	5.8	46.1
28236	Core	4.80	35.86	1.67	3.7	0.09	4.03	13.6	24.3	0.92	772	0.46	0.19	4.0	47.3
28237	Core	3.49	24.06	1.45	3.3	0.06	2.69	18.4	42.8	0.67	682	0.43	0.15	2.6	32.4
28238	Core	1.24	6.80	1.46	1.4	0.03	0.57	8.8	8.8	0.17	344	0.54	0.03	1.0	11.1
28239	Reject	1.23	8.86	1.58	1.9	0.04	0.87	10.8	9.1	0.18	352	0.42	0.05	1.2	12.1
28240	Core	0.51	0.34	<0.05	0.5	<0.01	0.03	0.8	1.3	>10	259	0.11	<0.01	0.8	<0.2
28241	Core	2.97	6.75	1.33	1.2	0.01	0.65	9.0	25.7	0.56	569	0.64	0.03	1.2	15.2
28242	Core	5.03	31.62	1.22	3.7	0.08	4.04	22.0	32.2	1.02	446	0.41	0.25	6.4	47.3
28243	Core	4.68	31.35	1.25	3.7	0.07	3.89	21.2	36.4	0.90	391	0.53	0.24	7.0	48.8
28244	Core	4.91	28.74	1.36	4.1	0.07	3.19	19.5	23.8	0.70	597	0.48	0.19	6.4	41.7
28245	Core	1.84	9.45	1.36	1.9	0.04	0.87	14.0	20.9	0.23	487	0.87	0.05	1.6	16.4
28246	Core	0.91	4.13	1.08	1.5	0.02	0.30	11.5	8.9	0.11	468	0.49	0.02	0.7	8.2
28247	Core	1.00	4.95	1.38	1.4	0.04	0.47	11.8	13.0	0.06	174	0.62	0.02	0.9	8.6
28248	Core	0.95	4.84	1.62	1.4	0.02	0.39	10.7	12.4	0.07	318	0.72	0.02	0.8	9.5
28249	Core	4.81	33.82	1.50	4.2	0.10	3.72	17.2	47.8	0.94	543	0.50	0.26	5.2	45.9
28250	Core	4.11	24.86	1.39	3.2	0.07	3.13	13.8	34.9	0.87	857	0.61	0.18	5.4	37.1
28251	Core	2.05	9.87	1.13	2.4	0.02	1.00	16.1	16.3	0.37	328	0.74	0.36	2.2	13.4
28252	Core	1.65	10.58	1.21	3.2	0.02	0.98	15.0	13.2	0.27	603	0.84	0.06	1.9	13.5
28253	Core	1.28	7.83	0.97	1.9	0.02	0.76	12.1	9.9	0.16	534	0.44	0.04	1.4	10.7
28254	Core	1.12	8.43	1.13	2.1	0.01	0.67	15.9	9.4	0.14	419	0.65	0.03	1.3	10.3
28255	Core	1.24	5.86	0.84	1.8	<0.01	0.43	12.1	11.7	0.17	439	0.72	0.02	1.0	10.3
28256	Core	1.29	6.48	0.92	1.1	0.01	0.48	12.6	11.4	0.27	294	0.50	0.06	1.0	9.9
28257	Core	1.00	5.45	0.84	1.6	<0.01	0.44	11.7	10.5	0.18	192	0.51	0.03	1.0	8.9
28258	Core	0.97	4.85	0.86	1.5	<0.01	0.37	11.9	16.9	0.13	238	0.55	0.03	0.9	8.8
28259	Core	1.04	5.13	0.92	1.4	<0.01	0.41	11.8	10.4	0.15	260	0.58	0.03	1.1	9.1
28260	Core	0.89	4.64	0.80	1.4	<0.01	0.37	11.5	10.7	0.12	226	0.63	0.02	1.0	8.6
28261	Core	2.56	11.38	1.01	3.1	0.04	0.34	22.8	39.6	0.29	1067	1.07	0.02	34.5	57.2
28262	Core	1.17	6.39	1.00	1.5	0.01	0.55	10.8	26.8	0.22	259	0.54	0.08	1.5	13.6
28263	Core	1.06	6.26	0.97	1.9	0.01	0.51	9.8	10.6	0.29	321	0.58	0.03	1.3	10.4
28264	Core	1.61	7.66	0.85	2.4	0.02	0.49	13.8	7.6	0.55	541	0.88	0.02	1.6	14.1
28265	Core	2.09	8.99	0.73	2.1	0.06	0.33	14.1	15.9	0.85	826	0.83	0.02	1.3	15.8
28266	Core	3.88	21.73	1.36	3.7	0.06	2.29	20.3	33.9	0.55	413	0.54	0.14	5.3	37.7
28267	Core	2.15	15.42	1.37	3.2	0.03	1.46	17.8	26.5	0.33	405	0.52	0.08	3.4	22.7
28268	Core	5.14	32.75	1.39	4.3	0.08	3.85	17.9	43.6	0.88	376	0.54	0.26	5.5	48.3
28269	Core	4.85	27.90	1.35	7.8	0.07	3.03	12.7	50.3	0.96	495	0.58	0.23	4.7	45.0
28270	Core	5.15	28.88	1.32	4.3	0.07	3.08	12.9	51.0	1.02	496	0.45	0.24	2.5	43.7
28271	Core	1.74	6.71	0.74	1.5	0.02	0.55	8.2	17.1	0.26	459	0.35	0.04	0.7	11.9
28272	Core	0.99	5.10	0.80	1.6	<0.01	0.33	12.7	13.3	0.16	268	0.35	0.03	0.9	7.5
28273	Core	1.18	8.07	0.86	2.1	0.01	0.72	12.1	10.6	0.19	341	0.40	0.05	1.0	8.9
28274	Core	1.41	5.12	1.05	0.5	0.03	0.38	9.1	26.4	0.26	1312	0.48	0.10	0.6	13.3

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28275	Pulp	1.34	7.14	0.43	2.7	0.07	1.22	16.5	9.1	0.76	295	11.63	<0.01	7.6	61.3
28276	Reject	2.36	11.76	1.28	1.4	0.03	0.96	19.1	50.0	0.53	699	0.53	0.27	1.6	24.0
28277	Core	5.68	32.77	1.86	4.3	0.07	2.79	55.3	118.2	1.43	471	0.49	0.78	4.3	51.9
28278	Core	5.20	29.42	1.77	3.4	0.07	2.44	51.6	121.3	1.25	506	0.45	0.78	3.5	48.2
28279	Core	6.13	29.92	1.57	4.0	0.07	2.40	49.2	130.1	1.46	635	0.40	0.78	3.2	53.6
28280	Core	5.31	28.81	1.69	3.6	0.08	2.29	49.1	114.3	1.21	567	0.38	0.76	2.9	46.5
28281	Core	5.93	31.01	1.77	4.2	0.08	2.57	49.2	128.3	1.46	602	0.33	0.85	3.1	52.9
28282	Core	6.85	37.06	1.75	4.3	0.09	2.93	47.8	160.3	1.71	481	0.56	0.99	4.1	62.6
28283	Core	1.90	8.10	1.31	0.8	0.02	0.57	12.1	46.4	0.41	261	0.37	0.21	1.0	16.5
28284	Core	5.43	34.58	1.84	3.7	0.08	2.88	47.6	135.3	1.34	410	0.24	1.03	4.6	53.5
28285	Core	5.50	31.61	1.66	3.4	0.07	2.48	49.0	133.8	1.37	451	0.33	0.98	4.0	52.2
28286	Core	5.50	30.54	1.54	3.9	0.07	2.62	51.2	127.1	1.38	845	0.38	0.83	3.4	52.8
28287	Core	5.21	30.18	1.56	3.7	0.08	2.68	43.7	111.3	1.32	1017	0.57	0.92	3.0	49.5
28288	Core	5.01	32.55	1.51	3.3	0.08	3.09	44.1	106.1	1.25	1009	0.36	0.96	3.1	50.5
28289	Core	5.18	33.84	1.69	3.6	0.08	2.98	42.0	120.1	1.32	450	0.27	0.94	3.2	51.4
28290	Core	5.30	33.30	1.71	3.5	0.08	2.89	45.7	127.0	1.34	496	0.25	1.00	3.7	52.0
28291	Core	6.27	29.93	1.60	3.3	0.07	2.28	37.6	131.1	1.46	803	0.29	0.74	3.4	52.6
28292	Core	5.79	32.19	1.68	3.6	0.08	2.59	42.1	131.7	1.41	481	0.29	0.88	3.4	53.9
28293	Core	5.42	30.45	1.63	4.2	0.08	2.62	47.4	125.2	1.35	568	0.36	0.86	3.8	48.9
28294	Core	5.42	30.01	1.52	4.3	0.07	2.42	46.3	127.4	1.30	778	0.39	0.79	3.7	48.7
28295	Core	5.34	30.74	1.66	4.0	0.07	2.48	47.6	125.7	1.28	604	0.40	0.82	3.6	48.2
28296	Core	5.48	30.39	1.55	3.8	0.08	2.47	43.6	128.5	1.31	685	0.40	0.78	2.9	48.5
28297	Core	5.65	29.97	1.61	4.1	0.07	2.59	49.9	126.0	1.37	857	0.31	0.78	3.8	51.3
28298	Core	5.63	30.93	1.68	3.5	0.08	2.78	50.8	125.5	1.37	527	0.32	0.84	3.7	50.7
28299	Core	5.81	32.52	1.74	4.0	0.07	2.71	48.9	126.8	1.40	589	0.30	0.78	3.9	50.2
28300	Core	5.71	32.34	1.74	4.1	0.08	2.55	55.1	123.1	1.33	517	0.33	0.72	4.0	51.1
28301	Core	5.70	31.83	1.64	4.0	0.08	2.53	56.0	107.2	1.29	693	0.35	0.69	3.7	50.5
28302	Core	5.79	32.34	1.65	3.7	0.08	2.70	58.4	103.2	1.30	547	0.39	0.70	3.7	50.3

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28235	Core	199	15.3	210.4	<0.002	0.698	2.44	17.8	<1.0	3.3	60.4	1.22	<0.05	18.0	0.130
28236	Core	259	107.6	244.2	<0.002	2.538	6.73	17.6	<1.0	3.9	98.9	0.79	<0.05	15.9	0.139
28237	Core	301	64.1	163.1	<0.002	0.882	3.91	13.2	<1.0	3.4	79.5	0.46	<0.05	15.2	0.085
28238	Core	490	112.8	36.2	<0.002	0.610	4.80	2.5	<1.0	2.3	42.5	0.14	<0.05	6.7	0.025
28239	Reject	552	86.3	53.5	<0.002	0.542	4.16	3.6	<1.0	2.2	47.4	0.18	<0.05	8.3	0.031
28240	Core	128	2.7	1.8	<0.002	0.228	<0.05	0.6	1.4	<0.2	45.5	0.90	<0.05	0.6	<0.005
28241	Core	75	16.3	42.4	<0.002	0.157	1.79	2.5	<1.0	0.7	43.2	0.11	<0.05	4.9	0.033
28242	Core	212	15.2	232.3	<0.002	0.097	2.42	18.6	<1.0	2.6	72.0	0.89	0.08	18.5	0.175
28243	Core	202	38.8	218.4	0.004	0.326	4.62	18.7	<1.0	2.8	75.5	0.88	0.11	17.5	0.206
28244	Core	246	28.8	181.0	0.003	0.375	5.24	15.4	<1.0	2.4	73.8	0.74	0.10	18.0	0.187
28245	Core	50	63.5	49.8	<0.002	0.584	6.02	3.8	<1.0	2.2	34.6	0.16	<0.05	9.2	0.047
28246	Core	112	87.6	16.6	<0.002	0.352	2.61	1.8	<1.0	1.3	18.3	0.10	<0.05	7.8	0.021
28247	Core	62	108.3	27.0	<0.002	0.319	3.90	2.0	<1.0	3.1	19.1	0.11	<0.05	7.5	0.028
28248	Core	143	14.2	23.5	<0.002	0.318	5.11	1.8	<1.0	0.7	24.4	0.09	<0.05	6.7	0.020
28249	Core	867	34.2	228.7	<0.002	0.828	2.52	19.6	<1.0	3.4	107.5	0.71	0.10	18.3	0.149
28250	Core	248	45.5	170.0	0.003	1.074	3.57	14.1	<1.0	4.6	72.9	0.63	0.05	15.3	0.143
28251	Core	135	31.5	56.3	<0.002	0.564	2.07	4.4	<1.0	1.2	39.4	0.25	<0.05	11.2	0.052
28252	Core	102	21.8	53.9	0.002	0.247	1.24	3.9	<1.0	1.8	38.7	0.23	<0.05	12.7	0.057
28253	Core	897	10.7	42.6	<0.002	0.175	0.85	3.1	<1.0	0.7	25.0	0.15	<0.05	8.2	0.034
28254	Core	50	9.9	40.2	<0.002	0.124	1.04	2.7	<1.0	0.8	17.1	0.15	<0.05	9.3	0.034
28255	Core	58	22.8	24.5	<0.002	0.020	0.48	2.2	<1.0	0.7	10.2	0.13	<0.05	8.5	0.026
28256	Core	67	13.6	28.5	0.002	0.108	1.18	2.3	<1.0	0.6	31.0	0.14	<0.05	7.8	0.030
28257	Core	54	10.2	24.9	<0.002	0.018	0.45	2.0	<1.0	0.6	14.6	0.12	<0.05	7.5	0.025
28258	Core	39	11.6	21.0	<0.002	0.042	0.51	1.9	<1.0	0.7	14.7	0.10	<0.05	7.2	0.022
28259	Core	42	10.9	24.7	<0.002	0.076	0.43	1.9	<1.0	0.7	16.3	0.11	<0.05	6.9	0.030
28260	Core	50	13.6	21.4	<0.002	0.062	0.43	1.8	<1.0	0.6	16.5	0.10	<0.05	7.2	0.031
28261	Core	252	17.5	19.8	0.003	0.457	3.23	6.2	<1.0	1.1	89.2	2.42	<0.05	8.9	0.748
28262	Core	123	14.6	32.5	<0.002	0.071	0.85	2.8	<1.0	0.8	34.8	0.15	<0.05	6.8	0.034
28263	Core	67	9.0	29.4	<0.002	0.117	0.98	2.2	<1.0	3.4	32.8	0.15	<0.05	9.6	0.030
28264	Core	146	22.8	27.5	<0.002	0.350	1.45	3.2	<1.0	0.8	38.0	0.18	<0.05	11.6	0.040
28265	Core	274	51.0	19.2	<0.002	0.419	1.37	3.0	<1.0	1.3	61.7	0.18	<0.05	11.4	0.033
28266	Core	232	47.4	132.1	<0.002	0.286	1.55	12.6	<1.0	3.3	61.1	0.52	<0.05	16.1	0.154
28267	Core	243	19.1	87.3	<0.002	1.083	6.56	7.0	<1.0	9.4	53.4	0.41	<0.05	15.2	0.089
28268	Core	510	25.8	217.0	0.002	0.466	2.97	20.2	<1.0	2.8	100.6	0.72	0.17	17.0	0.185
28269	Core	301	36.8	171.7	<0.002	0.372	3.38	18.3	<1.0	2.5	90.4	1.00	0.20	17.4	0.079
28270	Core	295	13.3	170.7	<0.002	0.210	1.31	17.5	<1.0	2.4	96.8	0.66	0.06	17.6	0.080
28271	Core	67	9.8	29.2	<0.002	0.062	0.46	3.3	<1.0	0.9	20.3	0.13	<0.05	8.0	0.019
28272	Core	49	9.7	19.4	<0.002	0.029	0.37	2.2	<1.0	0.7	13.5	0.11	<0.05	9.3	0.023
28273	Core	239	10.5	39.7	<0.002	0.113	0.57	3.6	<1.0	1.0	24.7	0.14	<0.05	9.9	0.027
28274	Core	194	29.7	23.6	0.003	0.032	0.25	5.2	<1.0	0.8	84.3	<0.05	<0.05	2.7	0.015

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28275	Pulp	2996	6.6	107.6	0.047	1.346	23.59	6.5	7.8	1.9	131.4	0.58	0.67	6.5	0.190
28276	Reject	179	42.0	58.0	<0.002	0.013	0.35	8.2	<1.0	1.6	87.8	0.20	<0.05	6.6	0.046
28277	Core	455	10.5	165.5	<0.002	<0.01	0.68	20.3	<1.0	2.4	191.9	0.72	0.10	20.0	0.116
28278	Core	389	15.5	147.6	0.002	<0.01	0.58	18.4	<1.0	2.4	192.5	0.52	0.10	17.0	0.103
28279	Core	366	24.4	140.0	<0.002	<0.01	0.84	18.8	<1.0	2.4	192.2	0.65	0.07	18.5	0.096
28280	Core	354	29.1	144.1	<0.002	<0.01	0.70	17.8	<1.0	2.1	200.9	0.58	0.06	18.7	0.086
28281	Core	425	26.0	153.0	<0.002	<0.01	0.78	19.3	<1.0	2.3	199.0	0.63	0.10	19.8	0.091
28282	Core	455	10.9	173.9	<0.002	<0.01	0.86	23.3	<1.0	2.7	245.8	0.82	0.15	20.0	0.123
28283	Core	394	26.6	35.5	<0.002	<0.01	0.26	4.3	<1.0	0.7	58.6	0.13	<0.05	4.3	0.028
28284	Core	440	15.2	149.9	<0.002	<0.01	0.90	20.1	<1.0	2.8	242.8	0.74	<0.05	17.2	0.132
28285	Core	335	11.0	142.3	<0.002	<0.01	0.83	18.9	<1.0	2.4	226.0	0.61	<0.05	17.1	0.114
28286	Core	562	17.9	152.6	0.002	0.027	1.77	19.3	<1.0	2.3	199.8	0.66	<0.05	18.9	0.103
28287	Core	361	56.1	147.2	0.002	0.023	2.01	18.3	<1.0	2.4	234.8	0.57	0.06	17.5	0.093
28288	Core	257	20.4	167.3	0.002	0.059	1.90	20.4	<1.0	2.6	232.1	0.61	0.11	16.3	0.101
28289	Core	368	20.5	170.3	0.003	0.020	0.82	20.8	<1.0	2.6	219.8	0.60	0.06	18.3	0.099
28290	Core	434	26.8	159.2	<0.002	0.026	0.63	20.2	<1.0	2.5	225.2	0.61	0.08	17.3	0.114
28291	Core	344	36.3	113.1	<0.002	0.033	0.76	16.5	<1.0	2.3	181.6	0.55	0.12	15.1	0.106
28292	Core	450	22.5	148.3	<0.002	0.053	0.74	19.3	<1.0	2.5	212.2	0.57	0.11	17.4	0.099
28293	Core	642	18.4	154.6	<0.002	0.049	0.82	19.1	<1.0	2.4	216.1	0.59	<0.05	20.7	0.112
28294	Core	365	23.9	147.9	0.003	0.050	0.97	18.7	<1.0	2.3	205.3	0.57	<0.05	19.5	0.111
28295	Core	361	26.4	154.7	<0.002	0.037	0.83	18.4	<1.0	2.4	207.4	0.52	0.09	19.8	0.109
28296	Core	414	23.6	161.5	0.003	0.036	1.05	19.2	<1.0	2.3	197.9	0.46	<0.05	18.3	0.101
28297	Core	488	30.6	157.8	0.002	0.062	1.37	18.5	<1.0	2.4	192.8	0.71	0.25	20.2	0.113
28298	Core	434	30.7	163.9	<0.002	0.073	1.07	19.3	<1.0	2.5	192.5	0.58	0.07	18.5	0.113
28299	Core	525	23.5	159.1	<0.002	0.042	0.99	19.3	<1.0	2.5	185.5	0.58	0.11	19.6	0.120
28300	Core	389	51.8	172.3	<0.002	0.053	0.97	20.0	1.1	2.5	185.7	0.62	0.08	20.3	0.125
28301	Core	439	26.2	174.5	0.003	0.027	1.04	20.4	<1.0	2.5	182.5	0.60	0.06	21.5	0.116
28302	Core	357	36.2	176.2	0.004	<0.01	1.01	19.7	<1.0	2.6	182.8	0.52	0.07	20.2	0.119

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28235	Core	1.06	3.5	154	3.1	6.5	131	80.4
28236	Core	1.31	3.6	168	6.1	7.1	222	86.0
28237	Core	0.83	4.1	125	5.9	7.0	150	74.2
28238	Core	0.19	1.0	27	2.1	5.4	117	37.2
28239	Reject	0.28	1.3	38	2.7	4.6	144	49.5
28240	Core	<0.02	0.5	319	0.3	1.0	19	1.0
28241	Core	0.22	0.8	35	3.4	3.0	69	27.4
28242	Core	1.32	4.2	173	3.5	6.0	127	77.5
28243	Core	1.20	4.2	163	4.5	6.4	126	85.3
28244	Core	1.00	3.8	146	5.7	8.3	116	97.8
28245	Core	0.27	1.4	42	4.4	4.2	111	45.4
28246	Core	0.09	0.9	20	3.0	3.2	89	35.6
28247	Core	0.14	1.1	21	3.1	3.7	171	35.6
28248	Core	0.12	0.9	19	2.7	3.0	72	42.9
28249	Core	1.20	3.9	171	5.4	10.0	141	106.5
28250	Core	0.92	3.2	132	4.3	7.5	110	73.5
28251	Core	0.32	1.7	51	2.5	5.9	51	56.9
28252	Core	0.32	1.7	49	3.9	5.7	44	70.3
28253	Core	0.23	1.3	35	1.9	5.1	44	51.5
28254	Core	0.20	1.1	33	2.1	4.0	40	57.5
28255	Core	0.13	1.0	28	1.4	3.1	38	42.4
28256	Core	0.15	1.1	31	121.3	3.6	24	41.9
28257	Core	0.13	0.9	25	1.4	2.8	25	37.9
28258	Core	0.11	0.9	23	1.5	2.6	32	34.8
28259	Core	0.12	0.9	22	1.2	2.8	29	36.8
28260	Core	0.11	0.8	20	1.4	2.7	25	39.0
28261	Core	0.15	15.3	104	251.5	7.6	141	102.9
28262	Core	0.17	1.1	30	2.4	2.8	34	33.1
28263	Core	0.15	1.3	32	4.0	3.5	32	44.8
28264	Core	0.15	1.8	44	4.9	4.6	41	60.3
28265	Core	0.10	1.9	51	4.1	5.1	231	53.7
28266	Core	0.66	4.9	115	9.0	7.4	111	96.1
28267	Core	0.44	2.7	69	7.6	6.4	52	83.1
28268	Core	1.18	4.9	173	3.8	7.0	128	101.9
28269	Core	0.87	3.4	150	1.7	6.2	118	79.1
28270	Core	0.94	4.2	165	2.4	7.2	132	88.1
28271	Core	0.16	1.3	35	2.6	3.2	38	35.0
28272	Core	0.10	1.1	26	1.3	3.3	19	44.3
28273	Core	0.22	1.3	39	1.8	4.1	24	49.4
28274	Core	0.12	0.6	26	0.2	13.5	44	14.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28275	Pulp	12.97	7.7	439	32.7	26.2	260	70.1
28276	Reject	0.32	1.2	61	0.4	6.0	65	30.8
28277	Core	0.87	3.8	180	0.7	8.6	138	98.4
28278	Core	0.75	3.4	168	0.6	8.0	123	82.7
28279	Core	0.78	3.8	176	0.6	7.9	151	84.1
28280	Core	0.75	3.7	167	0.5	7.6	136	81.2
28281	Core	0.81	4.3	179	0.6	8.6	142	90.9
28282	Core	0.91	4.4	208	1.4	9.6	175	95.5
28283	Core	0.20	0.9	44	0.3	3.8	50	17.8
28284	Core	0.86	3.5	183	0.6	7.2	132	83.8
28285	Core	0.75	3.5	174	0.6	6.7	135	76.6
28286	Core	0.85	4.5	172	0.7	10.0	141	85.0
28287	Core	0.83	4.0	163	0.5	7.6	130	77.2
28288	Core	0.91	3.6	170	0.5	6.8	132	74.5
28289	Core	0.99	4.1	183	0.6	6.9	127	82.3
28290	Core	0.86	3.7	181	0.4	6.6	128	80.7
28291	Core	0.72	3.9	163	0.5	5.7	139	72.4
28292	Core	0.84	4.1	180	0.4	6.6	137	79.4
28293	Core	0.87	4.4	175	0.5	8.4	131	85.6
28294	Core	0.83	4.1	170	0.5	8.4	127	95.9
28295	Core	0.81	4.6	173	0.5	7.9	123	90.7
28296	Core	0.76	4.3	171	0.4	8.0	123	90.7
28297	Core	0.82	4.6	174	0.5	8.3	135	90.1
28298	Core	0.84	3.9	180	0.5	7.4	123	81.7
28299	Core	0.90	4.6	182	0.5	7.9	128	88.6
28300	Core	0.90	4.5	182	0.7	8.1	132	88.1
28301	Core	0.94	4.6	179	0.9	8.2	128	86.8
28302	Core	0.91	4.3	183	0.9	7.8	133	84.4

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28235	Core		0.34	>10	60.3	788	3.70	0.28	0.13	0.56	38.77	17.0	174	8.30	58.2
28235 Dup			0.33	>10	58.4	781	3.66	0.30	0.14	0.54	43.78	16.4	183	8.28	55.4
QCV1108-02401-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.14												1036.1
28253	Core		0.19	3.02	169.5	144	0.70	0.07	0.35	0.05	79.93	5.1	184	1.88	11.1
28253 Dup			0.15	2.98	163.6	149	0.70	0.07	0.34	0.05	64.00	5.1	192	1.82	11.4
QCV1108-02401-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.66												990.7
28271	Core		0.10	2.63	7.1	123	0.60	0.06	0.36	<0.02	32.47	5.1	138	1.27	12.8
28271 Dup			0.09	2.54	6.8	123	0.59	0.07	0.36	<0.02	32.09	5.0	137	1.25	13.4
QCV1108-02401-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.24												971.6
28289	Core		0.19	>10	10.2	731	3.63	0.48	0.14	0.03	146.28	15.4	121	9.61	55.3
28289 Dup			0.22	>10	10.2	736	3.68	0.46	0.16	0.03	172.10	15.4	126	9.84	56.9
QCV1108-02401-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.84		8.0	435	2.90	8.18		0.17		23.1		7.22	>10000
28235	Core	0.016													
28235 Dup		0.019													
28253	Core	0.044													
28253 Dup		0.064													
QCV1108-02402-0004-BLK		0.005													
28271	Core	0.005													
28271 Dup		<0.005													
28289	Core	<0.005													
28289 Dup		0.013													
QCV1108-02402-0008-BLK		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.290													

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11-360-06442-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28235	Core	4.74	32.06	1.59	4.5	0.07	3.77	10.7	66.8	0.88	548	0.51	0.19	5.8	46.1
28235 Dup		4.79	31.24	1.50	4.1	0.07	3.70	11.2	66.6	0.90	558	0.51	0.19	5.8	46.0
QCV1108-02401-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28253	Core	1.28	7.83	0.97	1.9	0.02	0.76	12.1	9.9	0.16	534	0.44	0.04	1.4	10.7
28253 Dup		1.24	8.04	0.98	2.0	0.02	0.78	12.1	10.1	0.16	512	0.44	0.04	1.4	11.0
QCV1108-02401-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28271	Core	1.74	6.71	0.74	1.5	0.02	0.55	8.2	17.1	0.26	459	0.35	0.04	0.7	11.9
28271 Dup		1.70	6.69	0.74	1.6	0.02	0.53	8.2	17.8	0.25	453	0.34	0.04	0.7	11.8
QCV1108-02401-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28289	Core	5.18	33.84	1.69	3.6	0.08	2.98	42.0	120.1	1.32	450	0.27	0.94	3.2	51.4
28289 Dup		5.35	34.01	1.70	3.8	0.08	3.04	42.6	117.7	1.35	468	0.26	0.96	3.2	51.9
QCV1108-02401-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			20.59		4.7	1.19		43.6	25.6			0.84		15.0	42.4

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28235	Core	199	15.3	210.4	<0.002	0.698	2.44	17.8	<1.0	3.3	60.4	1.22	<0.05	18.0	0.130
28235 Dup		204	15.5	206.5	<0.002	0.710	2.44	17.6	<1.0	3.3	60.3	1.07	<0.05	17.5	0.160
QCV1108-02401-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28253	Core	897	10.7	42.6	<0.002	0.175	0.85	3.1	<1.0	0.7	25.0	0.15	<0.05	8.2	0.034
28253 Dup		873	10.9	43.3	<0.002	0.169	0.85	3.1	<1.0	0.7	25.7	0.18	<0.05	8.5	0.044
QCV1108-02401-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28271	Core	67	9.8	29.2	<0.002	0.062	0.46	3.3	<1.0	0.9	20.3	0.13	<0.05	8.0	0.019
28271 Dup		56	9.8	29.0	<0.002	0.059	0.45	3.2	<1.0	0.9	20.0	0.12	<0.05	8.3	0.021
QCV1108-02401-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28289	Core	368	20.5	170.3	0.003	0.020	0.82	20.8	<1.0	2.6	219.8	0.60	0.06	18.3	0.099
28289 Dup		401	20.4	169.8	<0.002	0.021	0.81	21.1	<1.0	2.6	220.1	0.65	0.06	17.8	0.123
QCV1108-02401-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			32.3	185.4	0.003	1.177	2.94	14.0	15.2	22.7	34.1	1.35	<0.05	19.0	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28235	Core	1.06	3.5	154	3.1	6.5	131	80.4
28235 Dup		1.11	4.0	157	3.8	6.4	133	80.7
QCV1108-02401-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28253	Core	0.23	1.3	35	1.9	5.1	44	51.5
28253 Dup		0.24	1.2	35	1.8	5.2	42	52.0
QCV1108-02401-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28271	Core	0.16	1.3	35	2.6	3.2	38	35.0
28271 Dup		0.16	1.4	33	2.4	3.3	36	35.8
QCV1108-02401-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28289	Core	0.99	4.1	183	0.6	6.9	127	82.3
28289 Dup		0.94	4.0	186	0.6	7.0	129	83.0
QCV1108-02401-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.82	3.2			24.7	175	112.4

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
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Attention: Dennis Ouellette
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Attention: Melanie Debnam

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 10**
Description: **3 ACE**

Date Received: 08/31/2011
Date Completed: 09/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	54	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28147	Core	<0.005	0.18	2.63	15.1	136	0.44	0.08	0.20	<0.02	25.48	3.7	133	1.90	10.5
28148	Core	0.009	0.08	2.42	31.8	113	0.56	0.05	0.10	0.30	24.76	4.2	154	1.55	8.1
28149	Core	0.017	0.09	2.65	69.2	153	0.64	0.05	0.10	1.99	16.14	5.4	143	1.86	12.1
28150	Core	0.007	0.08	2.15	68.5	105	0.49	0.05	0.29	0.20	24.13	4.2	160	1.37	10.9
28151	Core	0.051	0.09	2.46	289.7	118	0.57	0.06	0.28	0.12	24.19	4.8	145	1.47	11.6
28152	Core	<0.005	0.43	3.49	50.5	219	0.87	0.13	0.14	1.55	23.37	7.3	155	2.19	22.6
28153	Core	0.019	0.20	3.04	29.4	172	0.79	0.10	0.25	0.16	31.61	5.3	160	2.01	16.0
28154	Core	<0.005	0.10	2.11	36.5	112	0.42	0.05	0.19	0.25	23.00	4.8	147	1.56	11.2
28155	Core	0.035	0.08	1.85	131.7	74	0.38	0.06	0.44	0.58	23.95	3.7	94	0.97	8.1
28156	Core	0.045	0.10	3.29	2304.9	122	0.70	0.04	0.50	0.84	33.14	6.7	128	1.64	12.3
28157	Core	<0.005	0.19	>10	23.6	784	3.45	0.39	0.37	0.23	55.81	18.1	125	8.43	57.5
28158	Core	0.008	0.21	>10	25.3	753	3.54	0.50	0.24	0.16	26.44	23.8	147	7.32	59.4
28159	Core	<0.005	0.22	>10	19.0	720	3.30	0.39	0.34	0.20	33.29	19.3	115	6.88	55.4
28160	Core	<0.005	0.20	>10	36.2	722	3.20	0.36	0.30	0.09	40.32	17.8	131	6.71	49.5
28161	Core	0.048	0.22	3.37	398.6	172	0.80	0.09	0.60	0.44	22.16	8.1	142	1.71	17.9
28162	Core	0.039	0.99	1.84	1046.4	90	0.41	0.04	0.43	6.82	25.76	3.4	105	1.07	11.8
28163	Core	0.051	2.26	1.63	1316.3	81	0.41	0.05	0.47	2.47	26.77	2.7	121	0.88	18.4
28164	Core	0.112	1.55	1.58	1800.3	74	0.40	0.04	0.38	4.42	17.75	3.2	148	0.79	19.5
28165	Core	0.099	0.34	3.51	2397.5	228	0.99	0.06	0.49	0.84	29.52	7.5	122	1.56	13.7
28166	Core	0.019	0.24	1.55	169.0	47	0.42	0.03	0.44	0.83	23.10	3.9	123	0.64	11.0
28167	Reject	0.023	0.16	1.63	101.1	47	0.37	0.03	0.46	0.37	23.11	4.3	115	0.64	8.9
28168	Core	0.006	0.14	0.04	2.8	14	0.06	0.07	>10	0.05	1.02	1.5	11	0.37	3.6
28169	Core	0.008	0.20	1.70	166.1	52	0.41	0.03	1.07	0.44	24.60	2.8	117	0.72	13.4
28170	Core	0.012	0.13	1.86	324.1	52	0.44	0.03	0.84	0.41	21.65	3.2	102	0.94	11.8
28171	Core	0.421	0.37	>10	1277.4	693	2.94	0.34	0.79	0.26	30.68	27.5	169	18.09	35.2
28172	Core	0.014	0.27	>10	54.2	775	2.97	0.38	0.27	0.17	38.34	18.7	144	7.06	48.2
28173	Core	0.073	0.25	4.98	104.1	239	1.34	0.16	0.70	0.72	28.82	13.3	146	2.00	45.9
28174	Core	0.043	0.30	>10	24.3	1022	3.53	0.53	0.41	0.09	43.08	20.2	136	8.39	63.6
28175	Core	0.066	0.22	>10	26.0	941	3.37	0.49	0.23	0.08	49.30	20.6	129	7.93	58.5
28176	Core	<0.005	0.56	>10	33.3	691	3.37	0.37	1.84	0.10	51.63	29.6	145	19.91	62.8
28177	Core	<0.005	0.18	>10	32.1	802	3.41	0.55	0.41	0.09	24.10	20.7	130	10.06	57.7
28178	Core	<0.005	0.20	>10	69.1	877	3.32	0.35	0.35	0.06	33.98	20.0	170	9.92	49.5
28179	Core	0.012	0.22	>10	79.5	750	2.62	0.32	0.22	0.03	40.77	16.8	173	8.11	49.3
28180	Core	0.054	0.48	9.52	190.4	604	2.79	0.32	0.48	0.05	28.57	16.1	158	20.39	50.8
28181	Core	0.116	0.17	1.95	7.9	83	0.49	0.06	0.09	<0.02	27.43	4.2	189	7.02	25.3
28182	Core	<0.005	0.10	2.33	6.4	103	0.41	0.06	0.31	0.02	31.86	4.5	163	2.41	13.5
28183	Core	<0.005	0.10	3.01	8.2	147	0.53	0.06	0.40	<0.02	32.81	5.0	195	2.33	15.2
28184	Core	<0.005	0.05	2.31	10.0	100	0.48	0.12	0.06	0.06	30.37	3.8	223	2.51	16.8
28185	Core	0.006	0.15	2.80	18.9	205	0.76	0.14	0.10	0.06	16.03	5.8	209	2.37	20.3
28186	Core	0.010	0.14	>10	22.1	738	2.86	0.34	0.58	0.02	20.14	18.5	169	9.04	34.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28187	Core	0.009	0.16	>10	66.2	753	3.30	0.32	0.23	0.05	33.99	19.9	137	9.50	71.5
28188	Core	0.424	0.76	>10	678.8	504	3.10	0.59	0.48	0.17	76.18	23.3	173	23.42	63.8
28189	Core	0.068	0.32	9.54	87.4	728	3.45	0.65	0.19	0.15	41.74	21.7	144	17.30	80.1
28190	Core	<0.005	0.16	>10	15.4	868	2.95	0.21	0.49	0.07	23.59	9.9	141	11.84	59.3
28191	Core	0.006	0.18	>10	24.6	898	3.47	0.61	0.43	0.04	28.26	28.4	180	13.40	57.9
28192	Core	<0.005	0.08	6.37	4.7	399	1.44	0.15	0.69	0.04	32.42	10.5	170	4.14	35.2
28193	Core	0.008	0.08	7.14	6.1	489	1.75	0.19	0.66	0.05	35.22	12.3	182	5.58	35.8
28194	Core	<0.005	0.05	2.59	3.9	90	0.33	0.08	0.92	0.02	29.21	5.3	158	1.44	12.3
28195	Core	<0.005	0.09	7.75	8.0	511	1.44	0.22	0.57	0.09	36.35	13.5	165	5.46	37.7
28196	Core	<0.005	0.11	9.62	5.5	673	2.12	0.30	0.38	0.07	43.55	15.4	177	6.97	48.2
28197	Core	<0.005	0.05	3.17	3.7	123	0.58	0.10	0.65	0.07	32.05	9.7	105	1.79	15.3
28303	Core	<0.005	0.62	>10	21.6	619	3.48	0.34	0.43	0.18	100.43	22.4	174	8.56	54.5
28304	Core	<0.005	0.24	9.09	14.7	449	2.63	0.45	0.27	0.14	73.76	20.5	180	5.84	48.9
28305	Core	0.007	0.19	>10	18.7	596	3.43	0.36	0.35	0.10	104.55	21.7	132	8.52	55.8
28306	Core	<0.005	0.19	>10	14.5	588	3.42	0.39	0.14	0.03	113.97	15.6	120	7.90	49.9

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28147	Core	1.00	6.70	0.66	9.2	0.01	0.54	11.1	6.6	0.16	295	0.35	0.06	1.6	8.5
28148	Core	0.98	6.35	0.77	1.9	<0.01	0.50	11.1	13.6	0.11	347	0.37	0.06	1.4	8.3
28149	Core	0.97	7.18	0.80	1.9	0.01	0.67	7.7	13.0	0.09	383	0.36	0.06	1.4	8.5
28150	Core	1.00	5.78	0.71	1.7	<0.01	0.43	12.2	8.2	0.13	266	0.36	0.04	1.2	9.3
28151	Core	1.13	6.12	0.85	1.8	<0.01	0.52	10.4	19.1	0.16	296	0.36	0.05	1.2	10.5
28152	Core	1.77	9.68	0.83	2.2	0.02	0.93	11.6	7.6	0.17	539	0.46	0.07	2.7	13.7
28153	Core	1.57	7.62	0.76	1.9	0.02	0.74	14.3	12.7	0.22	422	0.99	0.07	1.4	11.9
28154	Core	1.08	5.18	0.64	1.3	<0.01	0.52	10.3	10.4	0.12	364	0.33	0.04	1.2	9.3
28155	Core	0.88	4.47	0.69	1.3	0.02	0.38	10.4	37.9	0.15	347	0.34	0.03	0.8	7.4
28156	Core	1.47	7.62	0.77	1.9	0.02	0.61	14.6	30.5	0.26	589	0.35	0.04	1.2	11.5
28157	Core	4.31	31.74	1.11	3.6	0.08	3.91	30.2	38.6	0.51	434	0.42	0.30	4.1	49.2
28158	Core	4.70	29.42	1.11	3.2	0.07	3.64	14.8	31.9	0.65	357	0.56	0.32	3.5	44.5
28159	Core	4.94	29.55	1.15	3.8	0.07	3.42	18.7	38.0	0.81	396	0.35	0.25	3.5	43.9
28160	Core	3.91	29.17	1.24	4.5	0.07	3.46	21.2	34.9	0.56	315	0.40	0.21	4.1	39.8
28161	Core	2.15	9.11	0.89	2.1	0.03	0.96	10.4	11.7	0.32	633	0.32	0.05	1.8	14.2
28162	Core	0.99	4.86	0.95	1.4	0.12	0.63	11.4	4.2	0.20	514	0.35	0.03	0.9	7.3
28163	Core	0.96	3.99	1.09	1.2	0.06	0.65	11.8	3.2	0.23	533	0.38	0.03	0.7	6.2
28164	Core	1.15	3.75	1.14	1.0	0.09	0.60	8.4	3.4	0.19	435	0.34	0.02	0.7	7.2
28165	Core	1.41	10.95	1.06	2.5	0.03	1.18	13.8	5.8	0.25	536	0.41	0.05	1.6	16.4
28166	Core	1.15	3.56	0.74	1.1	0.02	0.25	10.2	7.1	0.18	493	0.40	0.02	0.8	7.8
28167	Reject	1.21	3.69	0.70	1.2	<0.01	0.22	10.5	6.2	0.20	512	0.35	0.01	0.8	7.6
28168	Core	0.49	0.22	<0.05	0.2	<0.01	0.02	0.6	0.8	>10	241	0.06	<0.01	0.5	<0.2
28169	Core	1.26	3.62	0.82	1.2	0.01	0.24	11.8	8.2	0.32	696	0.36	0.01	0.8	7.1
28170	Core	1.00	3.91	0.86	1.0	<0.01	0.22	9.9	12.3	0.22	464	0.29	0.01	0.8	7.5
28171	Core	6.56	31.60	1.57	3.9	0.08	3.49	15.8	31.3	0.80	1517	0.65	0.22	3.3	56.4
28172	Core	3.36	30.74	1.26	4.4	0.07	3.44	20.1	37.7	0.51	430	0.45	0.26	4.2	37.5
28173	Core	4.27	13.05	1.08	2.4	0.04	1.08	14.1	37.0	0.76	837	0.37	0.07	2.3	32.4
28174	Core	5.36	35.00	1.32	3.9	0.08	3.94	22.6	50.8	0.94	509	0.58	0.42	4.9	49.9
28175	Core	4.98	33.85	1.34	3.9	0.08	3.61	26.2	62.5	0.95	389	0.60	0.41	5.3	49.1
28176	Core	5.90	29.77	1.63	4.7	0.08	2.25	26.2	68.0	1.36	812	1.10	0.33	24.5	64.1
28177	Core	4.62	29.17	1.47	3.3	0.09	3.03	12.9	56.6	0.87	496	0.95	0.46	4.5	41.9
28178	Core	4.33	32.47	1.46	3.8	0.07	3.35	19.0	42.9	0.85	475	0.46	0.25	4.9	42.9
28179	Core	4.23	30.33	1.26	4.2	0.07	2.94	21.4	47.8	0.98	441	0.46	0.21	4.4	39.5
28180	Core	4.89	26.46	1.49	3.4	0.06	2.47	14.8	42.0	1.02	505	0.49	0.20	3.8	37.6
28181	Core	1.10	5.46	0.94	9.5	<0.01	0.35	12.5	12.0	0.10	273	0.39	0.03	2.5	9.7
28182	Core	1.10	6.22	0.75	2.7	0.01	0.50	14.1	9.0	0.15	358	0.35	0.05	1.4	8.2
28183	Core	1.30	8.28	0.88	2.3	0.01	0.68	15.1	12.1	0.19	332	0.58	0.07	1.3	10.7
28184	Core	1.19	6.06	0.82	2.0	0.05	0.46	13.7	13.1	0.09	377	0.50	0.05	1.1	8.2
28185	Core	1.75	9.34	0.70	2.3	0.06	0.94	7.1	10.8	0.15	528	0.45	0.08	1.5	12.9
28186	Core	4.82	33.43	1.10	4.6	0.06	3.54	10.4	26.2	0.83	618	0.49	0.36	2.7	43.1

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28187	Core	4.92	33.44	1.10	4.6	0.08	3.33	17.6	40.2	0.94	495	0.40	0.31	3.4	44.9
28188	Core	5.46	30.28	1.60	3.4	0.08	3.11	39.6	36.5	0.70	465	1.45	0.30	2.9	53.6
28189	Core	5.05	28.77	1.41	3.6	0.09	3.14	19.3	22.6	0.78	703	1.29	0.32	3.0	48.4
28190	Core	4.32	28.28	1.32	2.9	0.07	3.23	12.9	58.7	0.97	479	0.49	0.36	2.4	31.2
28191	Core	5.37	34.30	1.50	3.6	0.09	3.22	14.8	100.2	1.07	453	0.90	0.41	4.2	45.4
28192	Core	3.85	17.16	1.01	2.5	0.04	1.50	15.3	37.4	0.95	650	0.52	0.16	2.0	26.9
28193	Core	3.47	20.40	1.20	3.0	0.05	1.82	17.4	38.6	0.86	745	0.47	0.42	2.2	27.0
28194	Core	2.23	6.15	0.87	1.8	0.03	0.34	13.5	28.1	0.59	795	0.34	0.28	1.0	11.2
28195	Core	3.62	20.46	1.17	3.1	0.06	1.88	19.4	39.8	0.86	504	0.53	0.24	2.3	34.6
28196	Core	4.09	26.54	1.20	3.5	0.06	2.52	23.3	43.8	1.00	419	0.44	0.31	2.3	38.7
28197	Core	3.20	8.23	1.16	1.4	0.02	0.47	14.9	34.9	0.74	515	0.24	0.17	1.0	22.6
28303	Core	5.97	32.70	1.74	3.9	0.07	2.91	54.2	108.7	1.57	760	0.47	0.84	3.8	56.1
28304	Core	5.17	26.23	1.62	3.1	0.06	1.92	37.4	109.1	1.25	1148	0.44	0.54	2.8	50.5
28305	Core	6.03	32.41	1.68	4.3	0.08	2.63	52.0	125.0	1.44	1056	0.41	0.91	4.0	53.9
28306	Core	5.27	32.16	1.70	4.1	0.08	2.65	53.8	125.3	1.29	422	0.35	0.99	4.8	50.3

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28147	Core	49	10.5	30.5	<0.002	0.021	0.32	2.5	<1.0	0.6	20.3	0.37	<0.05	12.5	0.021
28148	Core	41	6.7	28.0	<0.002	0.026	0.42	2.1	<1.0	0.5	18.4	0.20	<0.05	9.1	0.025
28149	Core	81	7.5	37.3	<0.002	0.102	0.61	2.5	<1.0	0.7	22.3	0.20	<0.05	9.3	0.021
28150	Core	44	10.4	24.4	<0.002	0.022	0.39	1.9	<1.0	0.6	17.8	0.13	<0.05	8.9	0.017
28151	Core	50	12.1	27.7	<0.002	0.047	0.69	2.2	<1.0	0.6	21.7	0.14	<0.05	9.4	0.021
28152	Core	102	12.9	51.4	<0.002	0.042	0.63	4.1	<1.0	1.0	28.1	0.25	<0.05	11.3	0.031
28153	Core	82	13.4	38.5	<0.002	0.074	0.53	3.2	<1.0	0.7	25.3	0.20	<0.05	11.0	0.025
28154	Core	81	11.0	27.6	<0.002	0.048	0.42	1.9	<1.0	0.6	16.6	0.13	<0.05	7.8	0.018
28155	Core	52	11.4	19.5	<0.002	0.058	0.46	1.6	<1.0	0.4	19.2	0.11	<0.05	7.7	0.018
28156	Core	48	15.0	32.4	<0.002	0.348	2.34	2.8	<1.0	0.9	31.2	0.14	<0.05	11.8	0.024
28157	Core	749	19.9	194.1	<0.002	0.092	1.26	17.6	<1.0	2.6	114.5	0.70	0.10	21.8	0.109
28158	Core	251	30.0	190.3	<0.002	0.443	4.25	16.2	<1.0	2.5	115.0	0.65	0.17	17.0	0.085
28159	Core	405	32.3	181.6	<0.002	0.125	1.33	16.2	<1.0	2.4	98.4	0.57	0.09	20.6	0.089
28160	Core	525	19.9	177.2	<0.002	0.134	1.21	16.1	<1.0	2.5	75.6	0.63	0.09	23.4	0.099
28161	Core	104	44.1	53.2	<0.002	0.544	1.21	4.0	<1.0	3.1	34.1	0.21	<0.05	11.6	0.033
28162	Core	71	405.1	34.2	<0.002	0.376	2.28	1.7	<1.0	5.9	19.3	0.10	<0.05	8.8	0.021
28163	Core	67	1025.4	34.1	<0.002	0.425	4.27	1.4	<1.0	11.3	18.5	0.09	<0.05	9.0	0.018
28164	Core	52	467.0	29.0	<0.002	0.528	3.05	1.4	<1.0	7.8	15.2	0.08	<0.05	5.6	0.017
28165	Core	139	53.4	58.4	0.002	0.448	2.62	4.7	<1.0	3.2	29.3	0.17	<0.05	14.0	0.041
28166	Core	46	51.3	14.1	<0.002	0.271	0.83	1.7	<1.0	1.6	18.3	0.08	<0.05	6.8	0.015
28167	Reject	51	12.3	12.1	<0.002	0.214	0.56	1.7	<1.0	0.4	22.8	0.08	<0.05	8.0	0.017
28168	Core	125	3.7	1.2	<0.002	0.220	<0.05	0.3	<1.0	0.2	47.5	0.55	<0.05	0.7	<0.005
28169	Core	66	13.9	12.5	<0.002	0.259	0.69	1.6	<1.0	0.8	43.4	0.09	<0.05	7.8	0.015
28170	Core	86	6.3	12.4	<0.002	0.114	0.72	1.5	<1.0	0.8	42.4	0.08	<0.05	7.0	0.016
28171	Core	462	35.0	186.8	<0.002	2.481	4.31	15.8	<1.0	3.5	108.7	0.54	0.06	20.6	0.097
28172	Core	289	21.4	189.1	<0.002	0.355	1.52	16.3	<1.0	2.7	90.8	0.57	0.08	21.9	0.123
28173	Core	287	62.2	57.3	<0.002	0.556	1.02	6.3	<1.0	1.0	53.1	0.25	<0.05	12.4	0.043
28174	Core	390	24.8	215.3	0.003	0.154	0.97	19.8	<1.0	2.8	175.3	0.71	0.17	23.4	0.129
28175	Core	394	17.8	202.1	<0.002	0.162	0.74	18.9	<1.0	2.6	154.1	0.77	0.14	22.3	0.120
28176	Core	1419	16.2	137.2	<0.002	0.712	1.84	18.5	<1.0	2.5	234.2	1.94	0.10	16.7	0.537
28177	Core	198	27.7	178.1	0.002	1.742	5.37	16.8	<1.0	2.5	196.9	0.60	0.17	16.2	0.112
28178	Core	327	13.8	203.3	0.003	0.130	1.40	17.7	<1.0	2.5	116.9	0.66	0.10	20.2	0.107
28179	Core	172	10.1	179.9	0.003	0.142	1.59	15.0	<1.0	2.4	83.2	0.61	<0.05	20.1	0.113
28180	Core	618	17.0	150.5	<0.002	0.223	1.50	13.6	<1.0	2.0	102.0	0.54	<0.05	16.4	0.092
28181	Core	87	9.3	23.8	<0.002	0.033	0.39	2.8	<1.0	0.5	14.8	0.38	0.07	11.9	0.024
28182	Core	74	10.7	27.7	<0.002	0.065	0.47	2.5	<1.0	0.6	20.4	0.22	<0.05	12.2	0.025
28183	Core	264	6.9	35.9	<0.002	0.076	0.42	3.4	<1.0	0.6	33.1	0.23	<0.05	13.2	0.029
28184	Core	77	8.6	24.9	<0.002	0.033	0.32	2.5	<1.0	0.7	19.0	0.17	<0.05	10.2	0.029
28185	Core	143	10.2	46.6	<0.002	0.066	0.49	4.1	<1.0	1.0	28.4	0.27	<0.05	10.7	0.039
28186	Core	408	8.9	196.1	<0.002	0.239	1.49	17.0	<1.0	2.4	123.7	0.73	0.08	21.0	0.088

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28187	Core	387	13.4	206.3	<0.002	0.212	1.80	18.5	<1.0	2.4	107.6	0.74	0.06	22.5	0.106
28188	Core	191	51.0	214.6	0.004	4.330	9.00	16.8	1.3	2.6	158.6	0.62	0.16	20.1	0.092
28189	Core	206	51.1	209.7	0.006	2.625	8.41	20.2	<1.0	2.4	144.2	0.81	0.20	17.5	0.093
28190	Core	151	16.6	192.4	<0.002	0.569	1.04	16.8	<1.0	2.4	150.4	0.49	<0.05	14.1	0.084
28191	Core	509	21.8	200.1	0.003	1.164	1.84	18.9	<1.0	2.4	191.7	0.65	0.26	15.9	0.098
28192	Core	140	4.5	74.1	<0.002	0.080	0.20	8.7	<1.0	1.3	76.9	0.37	<0.05	12.8	0.056
28193	Core	134	6.9	107.4	<0.002	0.081	0.26	11.0	<1.0	1.6	88.7	0.39	0.09	17.4	0.065
28194	Core	91	5.1	20.1	<0.002	0.028	0.09	3.0	<1.0	0.5	38.8	0.13	<0.05	9.0	0.026
28195	Core	130	18.6	111.5	<0.002	0.087	0.25	10.7	<1.0	1.5	78.9	0.36	<0.05	16.1	0.070
28196	Core	180	13.1	148.4	0.002	0.104	0.31	13.9	<1.0	1.9	100.0	0.42	0.05	20.7	0.081
28197	Core	108	11.3	26.4	<0.002	0.035	0.10	4.0	<1.0	0.5	36.0	0.13	<0.05	8.5	0.027
28303	Core	512	45.9	165.9	0.003	0.011	0.64	18.5	<1.0	2.3	190.6	0.71	<0.05	21.6	0.115
28304	Core	1017	38.9	118.4	0.002	<0.01	0.47	14.9	<1.0	1.8	141.8	0.44	0.09	15.3	0.079
28305	Core	519	15.4	150.3	0.003	<0.01	0.63	19.0	<1.0	2.4	230.0	0.66	<0.05	23.7	0.119
28306	Core	505	17.3	145.6	<0.002	<0.01	0.68	18.5	<1.0	2.4	246.9	0.72	<0.05	22.9	0.136

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28147	Core	0.17	1.2	30	1.5	3.1	26	40.4
28148	Core	0.14	1.1	27	2.5	2.7	55	37.2
28149	Core	0.19	1.1	31	4.0	3.0	153	36.7
28150	Core	0.13	1.0	25	2.6	3.1	69	35.9
28151	Core	0.15	1.2	28	3.1	3.0	95	48.6
28152	Core	0.27	1.5	43	4.9	3.6	172	49.8
28153	Core	0.24	1.4	38	3.7	3.4	70	38.2
28154	Core	0.15	1.0	23	1.7	2.7	58	34.6
28155	Core	0.11	0.8	22	2.2	2.5	54	31.4
28156	Core	0.17	1.2	37	3.2	3.7	77	49.8
28157	Core	1.05	4.0	159	4.2	8.0	174	78.1
28158	Core	1.07	3.7	153	2.3	5.1	137	66.3
28159	Core	1.01	3.8	160	2.3	7.4	140	84.3
28160	Core	1.03	4.3	154	3.3	8.7	125	108.1
28161	Core	0.30	1.6	46	3.9	4.0	69	47.0
28162	Core	0.18	0.9	24	2.1	2.8	386	34.0
28163	Core	0.17	0.8	21	1.8	2.6	145	28.5
28164	Core	0.16	0.7	21	1.8	2.3	273	23.9
28165	Core	0.31	1.7	54	4.2	5.1	76	62.9
28166	Core	0.08	0.6	20	2.3	2.7	68	26.2
28167	Reject	0.06	0.7	21	2.7	2.6	46	32.5
28168	Core	<0.02	0.4	318	0.2	0.7	19	1.2
28169	Core	0.07	0.9	23	2.1	3.4	32	27.5
28170	Core	0.07	0.7	22	1.7	3.0	29	24.4
28171	Core	1.12	5.7	159	12.9	8.4	196	88.8
28172	Core	1.10	4.1	158	4.7	7.7	115	98.1
28173	Core	0.37	1.9	76	2.8	4.0	143	48.5
28174	Core	1.16	4.4	190	2.6	9.1	120	92.4
28175	Core	1.12	4.2	176	2.0	7.3	121	83.2
28176	Core	0.79	3.9	207	13.2	12.9	106	117.4
28177	Core	1.01	4.0	166	4.1	5.3	105	75.1
28178	Core	1.08	4.5	164	4.2	7.0	99	94.7
28179	Core	0.99	3.7	162	4.1	7.1	90	99.4
28180	Core	0.85	9.2	145	6.6	8.3	103	77.5
28181	Core	0.12	0.9	24	2.4	3.1	25	37.6
28182	Core	0.16	1.1	30	1.5	3.6	25	41.3
28183	Core	0.21	1.1	41	1.9	4.3	27	45.9
28184	Core	0.12	1.0	28	3.1	3.6	35	42.1
28185	Core	0.28	1.5	42	4.7	2.9	43	46.6
28186	Core	1.07	4.0	179	3.7	7.7	102	102.4

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28187	Core	1.10	4.1	179	3.5	8.4	123	104.5
28188	Core	1.23	4.1	156	8.5	6.9	120	78.3
28189	Core	1.24	4.0	155	3.6	5.5	129	76.9
28190	Core	1.07	3.2	160	1.7	4.8	110	67.7
28191	Core	1.07	4.2	182	2.3	6.5	149	84.7
28192	Core	0.48	2.3	100	1.3	4.3	80	57.4
28193	Core	0.55	2.8	109	1.0	5.7	74	71.4
28194	Core	0.11	1.2	41	0.4	3.5	43	38.2
28195	Core	0.60	2.9	117	0.9	5.9	89	72.8
28196	Core	0.79	3.3	144	1.1	6.8	100	85.2
28197	Core	0.14	1.2	52	0.4	3.4	75	36.5
28303	Core	0.88	3.8	189	0.8	8.8	153	87.4
28304	Core	0.59	2.8	140	0.5	8.6	120	74.9
28305	Core	0.80	4.1	188	0.7	9.6	141	103.1
28306	Core	0.77	3.8	183	0.7	8.5	118	101.3

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11-360-06443-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28147	Core		0.18	2.63	15.1	136	0.44	0.08	0.20	<0.02	25.48	3.7	133	1.90	10.5
28147 Dup			0.11	2.66	15.1	130	0.43	0.06	0.20	<0.02	26.07	3.6	99	1.80	9.8
QCV1109-00112-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.85												990.3
28165	Core		0.34	3.51	2397.5	228	0.99	0.06	0.49	0.84	29.52	7.5	122	1.56	13.7
28165 Dup			0.25	3.48	2407.4	226	0.99	0.06	0.49	0.84	29.23	7.6	143	1.56	14.4
QCV1109-00112-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	2	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.64		10.6	419	2.71	8.14		0.23	89.43	24.6		7.13	>10000
28183	Core		0.10	3.01	8.2	147	0.53	0.06	0.40	<0.02	32.81	5.0	195	2.33	15.2
28183 Dup			0.09	3.04	8.3	144	0.53	0.08	0.40	<0.02	32.51	4.9	199	2.38	22.8
QCV1109-00112-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.88												1040.8
28306	Core		0.19	>10	14.5	588	3.42	0.39	0.14	0.03	113.97	15.6	120	7.90	49.9
28306 Dup			0.21	>10	14.5	588	3.46	0.40	0.14	0.04	119.83	15.1	112	8.02	51.4
QCV1109-00112-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.57		9.7	400	2.63	8.12		0.18	95.77	22.2		7.11	>10000
28147	Core	<0.005													
28147 Dup		<0.005													
28165	Core	0.099													
28165 Dup		0.096													
QCV1109-00113-0004-BLK		<0.005													
28183	Core	<0.005													
28183 Dup		0.008													
28306	Core	<0.005													
28306 Dup		<0.005													
QCV1109-00113-0008-BLK		<0.005													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28147	Core	1.00	6.70	0.66	9.2	0.01	0.54	11.1	6.6	0.16	295	0.35	0.06	1.6	8.5
28147 Dup		1.01	6.66	0.66	2.5	0.01	0.54	11.2	6.7	0.16	299	0.34	0.06	1.5	8.5
QCV1109-00112-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28165	Core	1.41	10.95	1.06	2.5	0.03	1.18	13.8	5.8	0.25	536	0.41	0.05	1.6	16.4
28165 Dup		1.41	11.04	1.07	2.6	0.03	1.15	13.8	6.1	0.26	531	0.39	0.05	1.7	17.0
QCV1109-00112-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			20.53		4.6	1.16		43.9	26.5					14.8	41.9
28183	Core	1.30	8.28	0.88	2.3	0.01	0.68	15.1	12.1	0.19	332	0.58	0.07	1.3	10.7
28183 Dup		1.31	8.28	0.91	2.1	0.01	0.68	14.8	12.2	0.20	335	0.59	0.07	1.3	10.4
QCV1109-00112-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28306	Core	5.27	32.16	1.70	4.1	0.08	2.65	53.8	125.3	1.29	422	0.35	0.99	4.8	50.3
28306 Dup		5.21	32.19	1.72	4.1	0.08	2.58	54.1	127.2	1.31	413	0.35	0.98	4.9	50.7
QCV1109-00112-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.94		5.1	1.10		45.8	25.6					14.7	42.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28147	Core	49	10.5	30.5	<0.002	0.021	0.32	2.5	<1.0	0.6	20.3	0.37	<0.05	12.5	0.021
28147 Dup		44	10.3	30.0	<0.002	0.021	0.31	2.5	<1.0	0.6	19.7	0.22	<0.05	10.1	0.026
QCV1109-00112-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
28165	Core	139	53.4	58.4	0.002	0.448	2.62	4.7	<1.0	3.2	29.3	0.17	<0.05	14.0	0.041
28165 Dup		131	53.7	59.4	<0.002	0.442	2.55	4.8	<1.0	3.2	28.3	0.18	<0.05	15.2	0.040
QCV1109-00112-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.1	179.7	<0.002	1.265	2.52	12.6	13.5	20.6	34.4	1.38	<0.05	19.6	
28183	Core	264	6.9	35.9	<0.002	0.076	0.42	3.4	<1.0	0.6	33.1	0.23	<0.05	13.2	0.029
28183 Dup		267	7.1	37.4	<0.002	0.076	0.42	3.4	<1.0	0.6	33.4	0.20	<0.05	13.3	0.029
QCV1109-00112-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
28306	Core	505	17.3	145.6	<0.002	<0.01	0.68	18.5	<1.0	2.4	246.9	0.72	<0.05	22.9	0.136
28306 Dup		477	17.5	158.0	<0.002	<0.01	0.69	18.8	<1.0	2.4	247.8	0.71	0.08	23.2	0.135
QCV1109-00112-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.3	182.9	0.004	1.286	2.51	13.6	13.6	21.1	33.6	1.53	<0.05	23.1	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28147	Core	0.17	1.2	30	1.5	3.1	26	40.4
28147 Dup		0.18	1.2	32	1.3	3.2	26	38.2
QCV1109-00112-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	3	<0.5
28165	Core	0.31	1.7	54	4.2	5.1	76	62.9
28165 Dup		0.32	1.8	56	4.6	5.0	78	63.3
QCV1109-00112-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	3	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.82	3.0			24.6	176	111.8
28183	Core	0.21	1.1	41	1.9	4.3	27	45.9
28183 Dup		0.21	1.2	41	1.9	4.3	30	46.0
QCV1109-00112-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	3	<0.5
28306	Core	0.77	3.8	183	0.7	8.5	118	101.3
28306 Dup		0.76	3.9	179	0.7	8.5	117	100.2
QCV1109-00112-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	3	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.1			26.8	180	113.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
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Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 11**
Description: **3 ACE**

Date Received: 08/31/2011
Date Completed: 09/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	53	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06444-01

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28092	Core	0.008	0.21	5.16	6.5	248	1.34	0.19	0.30	0.11	39.18	12.7	198	3.54	93.0
28093	Core	0.006	0.21	>10	9.5	535	2.88	0.34	0.38	0.12	79.81	12.9	121	6.68	55.1
28094	Core	<0.005	0.19	>10	10.8	563	3.34	0.53	0.33	0.06	109.78	16.0	105	7.44	60.3
28095	Core	0.008	0.17	>10	12.4	613	3.31	0.33	0.09	0.07	111.09	17.0	101	8.39	53.5
28096	Core	0.013	0.21	>10	23.2	630	3.58	0.48	0.29	0.06	49.38	24.5	103	9.03	59.7
28097	Core	0.007	0.20	>10	11.7	571	3.07	0.38	0.32	0.07	83.72	19.2	102	7.68	59.1
28098	Core	0.007	0.20	>10	7.3	552	3.23	0.40	0.33	0.04	80.37	17.4	110	6.52	58.6
28099	Core	0.005	0.19	>10	9.8	540	3.04	0.42	0.18	0.04	99.11	19.4	108	6.99	60.7
28100	Core	0.006	0.19	>10	9.1	526	3.01	0.36	0.34	0.05	97.04	17.4	112	7.47	57.4
28101	Core	0.009	0.27	>10	14.0	582	3.58	0.37	0.13	0.07	88.22	20.4	111	8.39	60.5
28102	Core	0.007	0.24	>10	10.8	589	3.37	0.36	0.31	0.05	90.23	18.7	108	8.04	57.0
28103	Core	0.008	0.23	>10	10.4	615	3.35	0.38	0.22	0.07	93.87	17.7	115	7.76	56.6
28104	Core	0.008	0.20	>10	9.9	685	3.60	0.38	0.20	0.03	99.07	17.5	114	8.74	55.1
28105	Core	0.007	0.18	>10	9.0	643	3.09	0.40	0.22	0.06	90.86	19.2	120	7.80	59.4
28106	Core	0.007	0.18	>10	9.8	672	3.36	0.38	0.25	0.04	66.90	19.7	118	7.64	57.9
28107	Core	0.008	0.20	>10	9.3	669	3.15	0.38	0.36	0.06	92.83	19.5	111	8.30	61.7
28108	Core	0.017	0.21	>10	20.4	637	3.00	0.41	0.17	0.07	89.81	19.6	117	9.30	56.9
28109	Core	0.012	0.53	>10	38.9	691	3.53	0.38	0.12	0.10	98.67	17.1	113	12.72	57.2
28110	Core	3.937	0.94	>10	1035.8	651	3.23	0.53	0.06	0.98	51.33	20.1	160	31.67	68.2
28111	Core	0.018	0.16	>10	117.5	776	3.08	0.36	0.12	0.10	53.82	16.2	116	18.41	55.9
28112	Core	0.012	0.16	>10	54.1	809	3.12	0.38	0.15	0.06	57.07	19.9	119	14.98	60.2
28113	Core	0.008	0.17	>10	17.9	801	3.50	0.37	0.21	0.05	56.83	19.5	129	11.77	57.3
28114	Core	0.007	0.50	>10	18.6	804	3.61	0.41	0.19	0.08	59.50	21.5	135	11.96	55.4
28115	Core	0.010	0.17	>10	50.3	810	3.46	0.31	0.10	0.06	74.36	19.4	117	13.82	59.9
28116	Core	0.059	0.23	>10	154.2	802	3.65	0.32	0.17	0.10	59.19	19.3	131	17.71	60.6
28117	Core	0.233	0.24	>10	157.5	852	3.45	0.32	0.15	0.10	68.41	18.1	140	14.82	70.5
28118	Core	0.007	0.25	>10	33.9	736	3.29	0.38	0.19	0.06	67.70	20.5	107	10.93	59.2
28119	Core	0.010	0.44	>10	34.7	859	3.86	0.49	0.20	0.06	72.77	22.3	149	13.65	63.2
28120	Core	0.010	0.14	>10	25.5	777	3.36	0.36	0.29	0.06	74.02	19.6	131	12.14	54.5
28121	Core	0.012	0.15	>10	25.6	811	3.59	0.39	0.22	0.06	76.78	18.5	156	12.61	64.6
28122	Core	0.008	0.17	>10	33.6	835	4.09	0.43	0.23	0.07	75.28	20.2	124	12.44	61.6
28123	Core	0.018	0.19	>10	96.9	762	3.67	0.42	0.20	0.09	68.70	21.0	125	16.51	57.5
28124	Core	0.110	0.10	2.59	459.6	106	0.76	0.05	0.10	0.09	29.57	4.0	201	2.38	11.9
28125	Core	0.151	0.10	2.38	278.3	80	0.54	0.04	0.05	0.05	26.18	4.2	241	1.84	13.2
28126	Core	0.068	0.21	2.99	480.3	135	0.75	0.04	0.20	0.04	24.74	4.5	202	2.27	14.1
28127	Core	0.031	0.13	2.48	178.0	97	0.61	0.05	0.19	0.03	16.64	4.5	175	2.01	9.5
28128	Reject	0.023	0.10	2.44	160.5	96	0.50	0.04	0.18	<0.02	19.09	4.5	213	2.01	9.8
28129	Pulp	7.452	0.67	3.12	943.1	171	1.01	0.59	>10	4.13	28.90	7.4	101	7.38	38.6
28130	Core	0.259	0.12	2.48	1238.8	97	0.62	0.04	0.27	0.07	20.19	3.8	229	2.27	11.6
28131	Core	0.039	0.11	2.82	82.2	113	0.73	0.06	0.17	0.09	26.61	4.8	206	2.30	10.2

3Ace Property, Northern Tiger Resources Inc.
Vol 8-129
Buchanan et al., 2011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28132	Core	0.880	0.18	2.50	913.0	77	0.59	0.06	0.36	0.15	17.21	4.1	208	1.71	12.1
28133	Core	0.037	0.11	2.31	363.6	90	0.62	0.04	0.35	0.06	26.47	4.0	246	1.66	11.8
28134	Core	0.063	0.11	2.87	479.4	137	0.73	0.05	0.98	0.09	21.52	5.1	243	1.94	10.5
28135	Core	0.057	0.18	6.81	267.1	388	2.01	0.18	0.41	0.08	37.22	14.6	243	4.24	34.4
28136	Core	0.013	0.22	>10	21.0	784	3.66	0.43	0.15	0.07	37.90	22.8	302	9.23	65.1
28137	Core	0.010	0.20	>10	13.4	830	3.71	0.45	0.19	0.06	82.44	19.8	119	8.60	61.4
28138	Core	0.010	0.25	>10	14.0	720	3.59	0.47	0.25	0.09	67.61	21.0	134	7.33	56.0
28139	Core	0.007	0.22	>10	13.7	855	4.24	0.46	0.22	0.08	83.64	22.8	122	8.78	58.3
28140	Core	0.010	0.19	>10	8.6	787	3.52	0.40	0.19	0.06	79.33	19.5	104	8.05	57.3
28141	Core	0.007	0.21	>10	11.3	788	4.07	0.45	0.28	0.05	75.53	19.6	113	9.10	57.1
28142	Core	0.007	0.17	>10	13.5	767	3.54	0.41	0.31	0.07	73.45	20.8	110	7.33	55.0
28143	Core	0.010	0.58	>10	22.5	948	4.30	0.43	0.28	0.19	53.74	21.9	157	9.11	69.0
28144	Core	0.008	0.19	5.60	18.0	313	1.37	0.20	0.61	0.05	23.57	13.8	145	3.70	26.1
28145	Core	0.007	0.08	1.95	28.6	76	0.44	0.05	0.81	<0.02	25.30	3.7	204	1.17	7.2
28146	Core	0.006	0.09	2.38	66.2	99	0.43	0.06	0.24	<0.02	27.40	3.4	233	1.72	7.9

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28092	Core	2.42	12.48	1.43	1.6	0.04	1.24	22.4	44.8	0.54	623	0.56	0.36	1.8	24.0
28093	Core	5.35	28.26	1.50	4.1	0.07	2.33	41.8	109.5	1.32	758	0.35	0.76	5.2	43.7
28094	Core	5.31	30.08	1.45	3.9	0.08	2.40	61.8	112.4	1.39	529	0.37	0.86	4.6	47.6
28095	Core	5.23	31.11	1.68	3.3	0.08	2.42	63.4	103.3	1.28	690	0.46	0.87	3.3	46.6
28096	Core	5.64	32.57	1.60	3.6	0.07	2.50	27.0	94.9	0.98	824	0.45	1.05	2.9	48.9
28097	Core	5.46	29.95	1.56	4.2	0.08	2.27	45.5	108.1	1.23	1145	0.34	0.91	4.7	48.0
28098	Core	5.22	30.62	1.40	3.9	0.07	2.27	39.7	124.6	1.31	572	0.33	0.96	4.6	48.8
28099	Core	5.63	30.55	1.65	3.9	0.08	2.31	53.6	126.4	1.39	500	0.26	0.96	5.0	50.4
28100	Core	5.30	30.27	1.46	3.8	0.07	2.45	54.5	117.8	1.32	573	0.33	0.99	4.6	47.4
28101	Core	5.60	32.14	1.74	3.5	0.07	2.64	45.5	123.2	1.41	432	0.31	1.04	4.7	52.9
28102	Core	5.53	31.97	1.70	3.6	0.08	2.55	47.4	119.9	1.38	534	0.29	1.02	5.1	49.8
28103	Core	5.83	30.27	1.55	7.5	0.07	2.70	54.0	108.6	1.42	666	0.36	0.93	7.7	50.3
28104	Core	5.45	32.43	1.55	3.9	0.08	2.89	56.7	104.5	1.36	527	0.37	0.96	5.3	50.4
28105	Core	5.74	31.31	1.64	4.3	0.07	2.75	50.2	105.3	1.37	659	0.42	0.88	4.9	53.1
28106	Core	5.61	33.32	1.57	4.2	0.07	2.70	35.0	104.4	1.30	631	0.41	0.85	4.5	50.7
28107	Core	5.73	30.20	1.52	4.3	0.09	2.57	53.1	95.3	1.28	962	0.50	0.74	3.7	47.7
28108	Core	5.52	30.62	1.44	4.0	0.07	2.80	47.8	88.9	1.07	629	0.35	0.77	4.0	46.9
28109	Core	4.91	31.90	1.35	3.8	0.08	2.95	55.8	58.5	0.78	658	0.31	0.73	2.6	44.3
28110	Core	4.90	30.34	1.60	3.7	0.08	3.04	30.3	56.1	0.39	361	0.61	0.19	2.3	44.7
28111	Core	5.14	28.86	1.24	3.6	0.07	3.45	33.0	142.7	1.09	546	0.36	0.34	2.0	40.5
28112	Core	5.03	31.18	1.30	3.8	0.07	3.45	33.0	170.5	1.06	544	0.39	0.44	2.4	46.7
28113	Core	5.58	30.13	1.37	3.8	0.08	3.21	33.4	78.3	1.10	604	0.43	0.41	2.6	46.8
28114	Core	5.83	30.59	1.50	4.0	0.07	3.16	34.8	81.2	1.18	682	0.41	0.42	2.9	47.2
28115	Core	5.46	32.31	1.48	4.0	0.08	3.25	42.8	168.7	1.16	620	0.36	0.43	2.6	48.7
28116	Core	5.14	31.56	1.51	3.6	0.08	3.26	36.5	319.2	1.14	633	0.42	0.41	2.4	49.2
28117	Core	4.65	31.58	1.65	3.5	0.08	3.41	41.5	98.1	0.99	639	0.43	0.45	2.5	42.9
28118	Core	5.96	30.08	1.49	3.5	0.09	2.99	37.1	195.9	1.25	679	0.33	0.46	2.6	49.2
28119	Core	5.36	33.09	1.59	3.7	0.08	3.01	43.4	167.5	1.09	692	0.45	0.48	2.3	47.5
28120	Core	6.22	30.20	1.42	3.7	0.07	3.06	43.1	100.7	1.26	799	0.42	0.47	2.2	50.5
28121	Core	5.34	31.88	1.41	3.7	0.07	2.97	46.2	93.5	1.01	719	0.44	0.47	2.1	45.3
28122	Core	5.32	31.54	1.41	3.8	0.08	3.00	44.6	110.2	0.98	658	0.39	0.48	2.3	46.7
28123	Core	5.16	28.95	1.29	3.5	0.08	3.14	39.0	284.2	1.09	652	0.40	0.45	2.3	44.3
28124	Core	1.29	7.07	1.33	2.4	0.01	0.53	14.6	20.6	0.20	233	0.36	0.11	0.7	9.0
28125	Core	1.21	6.08	1.16	1.8	0.01	0.41	12.6	27.9	0.14	244	0.48	0.03	0.9	10.3
28126	Core	1.24	8.38	1.10	8.7	0.01	0.64	12.1	10.2	0.26	278	0.68	0.07	2.9	10.2
28127	Core	1.28	6.37	0.99	2.1	<0.01	0.46	8.1	13.6	0.26	239	0.35	0.34	1.2	10.5
28128	Reject	1.28	6.19	1.07	1.8	0.01	0.47	9.0	13.6	0.25	232	0.41	0.31	1.1	9.7
28129	Pulp	1.39	7.24	0.42	2.9	0.07	1.15	18.0	9.4	0.80	292	10.86	<0.01	7.8	61.8
28130	Core	1.14	6.64	1.33	1.8	0.01	0.45	9.9	11.7	0.26	246	0.69	0.09	0.8	9.4
28131	Core	1.20	7.62	1.04	2.3	0.01	0.49	13.2	13.5	0.29	232	0.42	0.23	1.5	10.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28132	Core	1.25	6.09	1.12	2.1	0.01	0.38	8.3	14.5	0.30	338	0.39	0.49	1.0	9.4
28133	Core	1.11	6.48	0.99	1.9	0.01	0.44	13.1	23.7	0.28	337	0.79	0.22	1.1	9.0
28134	Core	1.94	7.72	0.93	2.1	0.02	0.65	10.2	26.7	0.50	975	0.59	0.07	1.2	10.7
28135	Core	4.22	18.40	1.14	3.0	0.04	1.70	20.0	63.3	0.90	865	0.63	0.18	3.1	48.7
28136	Core	5.29	31.94	1.28	4.1	0.07	3.34	21.3	108.3	1.16	624	2.52	0.40	4.4	84.5
28137	Core	5.64	31.87	1.36	4.1	0.08	3.42	46.4	106.3	1.26	549	0.41	0.49	4.6	44.4
28138	Core	5.45	28.49	1.52	3.8	0.07	2.88	38.3	92.0	1.21	652	0.37	0.41	4.3	46.4
28139	Core	5.61	33.48	1.55	3.9	0.08	3.44	46.8	97.2	1.28	605	0.43	0.51	4.5	45.9
28140	Core	5.58	30.23	1.38	3.9	0.08	3.32	44.1	94.5	1.28	549	0.37	0.47	4.8	45.9
28141	Core	5.45	31.02	1.33	3.8	0.08	3.42	42.0	120.1	1.19	535	0.39	0.48	4.0	44.1
28142	Core	5.38	29.62	1.38	4.0	0.07	3.32	41.2	70.4	1.17	629	0.41	0.43	3.6	44.6
28143	Core	5.23	36.03	1.25	4.0	0.09	3.64	32.7	64.5	0.80	929	0.82	0.45	4.2	60.6
28144	Core	3.59	14.36	1.00	2.5	0.03	1.39	9.9	32.5	0.48	1153	0.38	0.14	1.9	24.7
28145	Core	1.15	4.69	0.61	1.4	<0.01	0.31	12.3	21.5	0.24	673	0.72	0.03	0.9	7.4
28146	Core	1.14	5.68	0.75	1.9	0.01	0.46	13.5	15.7	0.15	256	0.52	0.04	0.8	9.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28092	Core	168	22.8	71.5	<0.002	<0.01	0.31	8.4	<1.0	<0.2	79.4	0.30	<0.05	8.6	0.049
28093	Core	468	25.5	131.9	<0.002	<0.01	0.61	18.7	<1.0	<0.2	173.9	0.73	0.07	19.1	0.146
28094	Core	599	20.2	153.9	<0.002	0.014	0.80	20.6	<1.0	6.4	194.6	0.67	0.09	22.2	0.124
28095	Core	288	19.3	178.2	0.003	0.016	1.45	20.2	<1.0	<0.2	208.6	0.44	0.05	19.4	0.100
28096	Core	496	25.5	172.4	<0.002	0.748	3.04	20.4	<1.0	<0.2	252.9	0.47	0.06	15.5	0.085
28097	Core	377	25.0	152.1	<0.002	0.133	1.08	19.5	<1.0	<0.2	205.6	0.62	0.10	20.6	0.118
28098	Core	607	29.5	120.4	<0.002	0.027	0.58	20.1	<1.0	<0.2	219.3	0.67	<0.05	19.2	0.126
28099	Core	616	25.8	134.2	<0.002	0.012	0.59	20.0	<1.0	3.6	218.6	0.63	<0.05	21.3	0.129
28100	Core	496	24.0	147.0	0.002	0.014	0.48	19.6	<1.0	<0.2	225.1	0.58	<0.05	20.8	0.110
28101	Core	456	42.3	144.6	0.002	0.038	0.46	20.6	<1.0	<0.2	229.9	0.63	<0.05	19.1	0.127
28102	Core	535	19.0	144.2	<0.002	0.067	0.94	20.2	<1.0	<0.2	232.8	0.73	<0.05	20.0	0.138
28103	Core	486	18.5	159.0	<0.002	0.032	0.95	21.2	<1.0	<0.2	205.4	1.62	<0.05	25.1	0.126
28104	Core	620	18.5	182.0	0.003	0.026	0.87	21.1	<1.0	<0.2	221.8	1.08	0.09	20.7	0.131
28105	Core	631	29.8	155.3	<0.002	0.054	0.83	20.4	<1.0	<0.2	201.9	0.90	<0.05	21.7	0.135
28106	Core	604	26.2	151.3	<0.002	0.045	0.90	20.2	<1.0	0.9	206.8	0.88	0.07	19.2	0.126
28107	Core	550	30.9	166.3	<0.002	0.083	1.05	20.2	<1.0	<0.2	186.3	0.69	0.07	21.6	0.103
28108	Core	609	25.0	164.9	0.002	0.168	1.28	20.0	<1.0	<0.2	178.0	0.70	0.06	20.8	0.110
28109	Core	349	18.0	191.5	<0.002	0.095	0.98	20.8	<1.0	12.7	167.1	0.60	<0.05	22.4	0.083
28110	Core	282	82.0	206.9	0.002	0.376	4.73	17.4	<1.0	<0.2	180.5	0.46	0.09	20.5	0.086
28111	Core	335	20.3	219.9	<0.002	0.087	2.49	17.9	<1.0	<0.2	112.0	0.44	<0.05	19.4	0.069
28112	Core	394	23.8	218.4	<0.002	0.148	2.18	19.1	<1.0	<0.2	130.9	0.53	0.10	18.6	0.084
28113	Core	451	25.1	201.6	0.002	0.132	1.67	18.5	<1.0	<0.2	130.1	0.54	0.08	19.0	0.084
28114	Core	320	18.8	204.7	<0.002	0.148	1.43	18.8	<1.0	<0.2	132.8	0.51	0.05	20.1	0.081
28115	Core	257	18.0	209.2	0.002	0.099	1.54	18.9	<1.0	<0.2	132.7	0.54	0.09	20.1	0.082
28116	Core	512	26.3	218.7	0.002	0.431	2.00	18.3	<1.0	2.6	141.3	0.46	0.06	18.6	0.071
28117	Core	451	22.5	224.0	<0.002	0.452	1.54	19.2	<1.0	<0.2	148.8	0.45	<0.05	18.9	0.076
28118	Core	609	25.6	165.3	<0.002	0.089	1.93	17.8	<1.0	<0.2	142.6	0.51	<0.05	18.2	0.084
28119	Core	493	37.5	216.1	<0.002	0.140	2.05	20.6	<1.0	1.2	164.6	0.43	<0.05	20.9	0.070
28120	Core	565	16.6	194.9	<0.002	0.097	1.31	18.6	<1.0	3.9	169.0	0.64	0.06	20.0	0.075
28121	Core	414	32.3	201.5	0.002	0.108	1.49	19.3	<1.0	<0.2	165.9	0.51	<0.05	20.5	0.073
28122	Core	514	32.9	208.6	<0.002	0.115	1.48	19.1	<1.0	<0.2	171.3	0.53	0.05	20.9	0.071
28123	Core	606	30.8	214.6	<0.002	0.252	1.40	18.2	<1.0	15.3	150.7	0.45	0.06	19.4	0.072
28124	Core	49	14.3	37.2	<0.002	0.172	1.20	2.8	<1.0	<0.2	25.6	0.12	<0.05	12.1	0.025
28125	Core	59	15.7	29.1	<0.002	0.137	0.76	2.5	<1.0	<0.2	11.2	0.12	<0.05	9.8	0.026
28126	Core	42	10.4	44.7	<0.002	0.243	1.04	3.9	<1.0	5.4	22.3	0.44	<0.05	12.8	0.024
28127	Core	52	11.5	32.3	<0.002	0.175	0.68	2.6	<1.0	7.5	24.4	0.21	<0.05	8.1	0.018
28128	Reject	54	11.1	31.9	<0.002	0.185	0.73	2.5	<1.0	<0.2	23.6	0.17	<0.05	7.2	0.019
28129	Pulp	3767	6.8	120.8	0.035	1.351	19.22	6.4	7.3	<0.2	135.2	0.62	0.62	7.2	0.186
28130	Core	45	11.2	31.5	<0.002	0.235	1.70	2.5	<1.0	<0.2	26.4	0.14	<0.05	7.8	0.019
28131	Core	56	20.6	36.2	<0.002	0.112	0.56	3.0	<1.0	<0.2	21.9	0.20	<0.05	10.1	0.025

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28132	Core	45	52.6	25.7	<0.002	0.254	1.28	2.4	<1.0	<0.2	34.8	0.17	<0.05	10.5	0.019
28133	Core	69	17.1	30.2	<0.002	0.158	0.78	2.3	<1.0	<0.2	29.1	0.13	<0.05	9.7	0.019
28134	Core	88	16.6	43.9	<0.002	0.179	0.84	3.1	<1.0	6.7	51.4	0.19	<0.05	10.7	0.024
28135	Core	139	32.8	103.6	0.002	0.125	0.87	9.5	<1.0	<0.2	71.2	0.37	<0.05	14.8	0.056
28136	Core	281	32.2	212.3	<0.002	0.135	1.03	18.9	<1.0	<0.2	120.9	0.80	0.15	20.5	0.082
28137	Core	579	30.6	212.0	<0.002	0.114	0.97	19.6	<1.0	<0.2	149.3	0.95	0.07	22.6	0.091
28138	Core	587	49.2	183.7	<0.002	0.144	0.91	17.5	<1.0	<0.2	135.3	0.83	0.08	20.4	0.080
28139	Core	692	50.5	218.4	<0.002	0.149	0.95	20.8	<1.0	<0.2	169.4	0.81	0.09	22.0	0.090
28140	Core	553	27.4	202.2	<0.002	0.114	0.80	19.1	<1.0	<0.2	147.4	0.76	0.08	21.0	0.085
28141	Core	702	33.2	202.8	<0.002	0.133	0.96	19.8	<1.0	<0.2	158.6	0.70	<0.05	20.9	0.085
28142	Core	438	28.6	188.3	<0.002	0.123	0.91	18.1	<1.0	<0.2	143.5	0.68	0.10	21.2	0.091
28143	Core	352	28.0	239.6	<0.002	0.137	1.35	21.3	<1.0	<0.2	164.4	0.60	0.10	21.7	0.099
28144	Core	194	32.1	84.0	0.002	0.141	0.89	7.6	<1.0	3.5	55.1	0.25	<0.05	12.4	0.034
28145	Core	35	8.3	19.9	<0.002	0.018	0.35	2.0	<1.0	1.2	21.5	0.10	<0.05	7.3	0.017
28146	Core	63	20.0	26.7	<0.002	0.014	0.40	2.5	<1.0	<0.2	16.3	0.13	<0.05	9.0	0.022

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28092	Core	0.37	1.4	68	0.6	4.4	71	36.2
28093	Core	0.71	3.5	166	0.7	8.0	124	97.4
28094	Core	0.76	3.6	175	0.6	9.1	124	91.0
28095	Core	0.80	3.4	169	0.4	8.5	125	82.0
28096	Core	0.89	3.8	166	0.4	8.2	119	82.3
28097	Core	0.74	3.9	171	0.6	9.7	125	99.7
28098	Core	0.76	4.1	169	0.7	7.0	122	91.8
28099	Core	0.67	3.9	177	0.7	8.7	128	95.8
28100	Core	0.66	3.7	174	0.7	9.4	121	92.6
28101	Core	0.78	3.7	178	0.7	6.9	133	83.6
28102	Core	0.73	3.8	176	0.7	7.7	127	85.8
28103	Core	0.82	4.0	181	0.9	8.3	133	90.0
28104	Core	0.82	4.0	182	0.7	8.1	126	88.1
28105	Core	0.79	4.1	178	0.6	8.5	136	98.4
28106	Core	0.75	4.2	176	0.7	7.3	128	107.2
28107	Core	0.79	4.4	170	0.6	9.6	133	103.9
28108	Core	0.84	4.4	172	0.9	8.2	134	91.8
28109	Core	1.00	4.4	169	1.0	7.5	119	86.2
28110	Core	1.02	6.5	144	6.9	7.2	184	86.1
28111	Core	1.15	3.7	161	2.0	6.8	111	81.8
28112	Core	1.05	4.0	166	1.3	7.0	121	90.1
28113	Core	0.97	3.9	164	1.1	7.3	122	89.4
28114	Core	1.04	4.3	169	1.8	7.3	125	95.7
28115	Core	1.05	4.4	171	1.6	6.9	126	94.6
28116	Core	1.02	4.2	164	3.0	7.4	127	83.6
28117	Core	1.06	4.2	162	2.3	7.0	116	83.0
28118	Core	0.93	4.1	165	1.1	6.4	133	82.4
28119	Core	1.02	4.5	172	1.5	7.7	120	89.5
28120	Core	0.98	4.0	171	1.6	7.6	124	81.8
28121	Core	0.98	4.1	164	1.5	7.5	115	84.7
28122	Core	1.12	4.2	166	1.6	7.5	121	82.9
28123	Core	1.02	3.8	164	2.7	7.9	119	80.7
28124	Core	0.19	1.4	35	2.7	3.9	30	53.6
28125	Core	0.16	1.0	31	3.5	3.2	23	43.8
28126	Core	0.23	1.2	39	2.6	3.8	21	58.4
28127	Core	0.16	1.0	32	3.1	2.7	22	35.9
28128	Reject	0.16	1.0	31	22.4	2.7	20	36.2
28129	Pulp	13.66	7.9	450	32.7	28.0	239	68.6
28130	Core	0.19	1.1	33	9.9	3.1	22	40.9
28131	Core	0.17	1.4	37	2.0	3.6	29	53.5

3Ace Property, Northern Tiger Resources Inc.
Vol 8-135
Buchanan et al., 2011

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Certificate of Analysis

11-360-06444-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28132	Core	0.14	1.3	34	2.2	3.3	29	51.5
28133	Core	0.15	1.2	32	2.2	3.6	20	46.4
28134	Core	0.22	1.4	43	23.1	5.8	33	53.8
28135	Core	0.54	2.3	104	38.7	6.0	87	70.0
28136	Core	1.06	4.4	175	3.0	8.1	120	97.8
28137	Core	1.06	5.2	182	1.0	8.9	126	91.9
28138	Core	0.90	4.7	158	1.3	8.9	123	81.8
28139	Core	1.04	4.9	179	0.7	9.5	126	90.5
28140	Core	1.01	4.9	169	1.0	9.0	126	86.9
28141	Core	1.03	4.8	176	1.3	11.4	123	86.6
28142	Core	0.98	4.4	164	1.2	9.2	128	88.7
28143	Core	1.14	4.9	181	1.9	8.9	138	99.0
28144	Core	0.42	2.3	76	2.4	5.3	79	58.3
28145	Core	0.10	0.9	25	1.3	3.5	25	46.9
28146	Core	0.13	1.2	29	1.4	3.3	27	41.1

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11-360-06444-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28092	Core		0.21	5.16	6.5	248	1.34	0.19	0.30	0.11	39.18	12.7	198	3.54	93.0
28092 Dup			0.17	5.11	6.5	251	1.35	0.20	0.31	0.11	39.08	12.3	205	3.59	93.2
QCV1109-00114-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.43												993.4
28110	Core		0.94	>10	1035.8	651	3.23	0.53	0.06	0.98	51.33	20.1	160	31.67	68.2
28110 Dup			0.85	>10	1034.9	649	3.18	0.48	0.05	0.96	50.86	20.0	155	31.83	67.6
QCV1109-00114-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.39												1085.7
28128	Reject		0.10	2.44	160.5	96	0.50	0.04	0.18	<0.02	19.09	4.5	213	2.01	9.8
28128 Dup			0.10	2.53	154.9	96	0.51	0.05	0.18	<0.02	20.08	4.5	151	2.09	10.7
QCV1109-00114-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.79												1013.4
28146	Core		0.09	2.38	66.2	99	0.43	0.06	0.24	<0.02	27.40	3.4	233	1.72	7.9
28146 Dup			0.09	2.41	65.6	100	0.42	0.06	0.24	<0.02	27.07	3.3	222	1.75	7.7
QCV1109-00114-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	4	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.57		9.9	404	3.07	8.16		0.17	82.01	23.8		6.41	>10000
28092	Core	0.008													
28092 Dup		0.008													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.947													
28110	Core	3.937													
28110 Dup		3.882													
QCV1109-00115-0004-BLK		0.006													
28128	Reject	0.023													
28128 Dup		0.032													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.814													
QCV1109-00115-0008-BLK		0.006													

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11-360-06444-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28092	Core	2.42	12.48	1.43	1.6	0.04	1.24	22.4	44.8	0.54	623	0.56	0.36	1.8	24.0
28092 Dup		2.47	12.62	1.41	1.7	0.04	1.17	22.4	45.1	0.55	638	0.57	0.35	1.9	23.6
QCV1109-00114-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28110	Core	4.90	30.34	1.60	3.7	0.08	3.04	30.3	56.1	0.39	361	0.61	0.19	2.3	44.7
28110 Dup		4.93	30.03	1.59	3.7	0.08	2.98	30.2	55.8	0.39	370	0.61	0.19	2.2	45.0
QCV1109-00114-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28128	Reject	1.28	6.19	1.07	1.8	0.01	0.47	9.0	13.6	0.25	232	0.41	0.31	1.1	9.7
28128 Dup		1.28	6.20	1.05	1.6	0.01	0.49	9.5	13.8	0.26	230	0.40	0.32	1.0	9.6
QCV1109-00114-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28146	Core	1.14	5.68	0.75	1.9	0.01	0.46	13.5	15.7	0.15	256	0.52	0.04	0.8	9.3
28146 Dup		1.14	5.66	0.75	1.8	0.01	0.48	12.8	15.3	0.15	257	0.52	0.04	0.8	9.3
QCV1109-00114-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.68		4.8	1.12		41.3	25.7					14.9	42.3

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11-360-06444-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28092	Core	168	22.8	71.5	<0.002	<0.01	0.31	8.4	<1.0	<0.2	79.4	0.30	<0.05	8.6	0.049
28092 Dup		162	23.1	71.9	<0.002	<0.01	0.31	8.4	<1.0	6.2	80.8	0.28	<0.05	9.4	0.053
QCV1109-00114-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
28110	Core	282	82.0	206.9	0.002	0.376	4.73	17.4	<1.0	<0.2	180.5	0.46	0.09	20.5	0.086
28110 Dup		276	82.2	204.3	<0.002	0.375	4.79	17.0	<1.0	<0.2	176.6	0.42	<0.05	19.6	0.079
QCV1109-00114-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
28128	Reject	54	11.1	31.9	<0.002	0.185	0.73	2.5	<1.0	<0.2	23.6	0.17	<0.05	7.2	0.019
28128 Dup		57	11.6	31.9	<0.002	0.186	0.71	2.4	<1.0	11.6	24.6	0.12	<0.05	7.7	0.018
QCV1109-00114-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
28146	Core	63	20.0	26.7	<0.002	0.014	0.40	2.5	<1.0	<0.2	16.3	0.13	<0.05	9.0	0.022
28146 Dup		50	19.9	26.2	<0.002	0.013	0.40	2.5	<1.0	<0.2	16.3	0.12	<0.05	8.8	0.021
QCV1109-00114-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.3	186.4	0.004	1.267	2.44	13.4	13.5	4.7	32.0	1.46	<0.05	19.0	

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11-360-06444-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28092	Core	0.37	1.4	68	0.6	4.4	71	36.2
28092 Dup		0.35	1.6	70	0.4	4.4	71	36.9
QCV1109-00114-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
28110	Core	1.02	6.5	144	6.9	7.2	184	86.1
28110 Dup		0.99	6.3	144	6.8	7.1	184	86.0
QCV1109-00114-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
28128	Reject	0.16	1.0	31	22.4	2.7	20	36.2
28128 Dup		0.16	1.0	31	25.6	2.7	21	35.9
QCV1109-00114-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
28146	Core	0.13	1.2	29	1.4	3.3	27	41.1
28146 Dup		0.14	1.1	29	1.2	3.3	27	40.9
QCV1109-00114-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.3			24.3	181	112.1

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
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Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 12**
Description: **3 ACE**

Date Received: 08/31/2011
Date Completed: 09/20/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28307	Core	0.006	<0.01	>10	11.8	622	3.90	0.48	0.53	0.07	97.73	16.2	99	8.29	59.8
28308	Core	0.007	<0.01	>10	7.6	515	3.81	0.34	0.14	0.05	97.18	11.3	136	7.26	48.1
28309	Core	<0.005	<0.01	>10	13.6	750	4.82	0.35	0.12	0.04	109.71	14.3	113	11.13	52.1
28310	Core	<0.005	<0.01	>10	14.2	650	4.23	0.57	0.09	0.03	103.70	12.6	100	9.36	47.3
28311	Reject	<0.005	<0.01	>10	12.6	679	4.17	0.41	0.09	0.04	128.73	13.1	96	9.55	48.7
28312	Core	<0.005	0.34	0.06	0.8	15	0.07	0.02	>10	0.05	1.21	1.4	9	0.32	1.5
28313	Core	0.007	<0.01	>10	11.7	647	4.17	0.42	0.14	0.05	106.51	15.7	114	9.44	60.0
28314	Core	0.008	<0.01	>10	11.1	613	3.36	0.46	0.15	0.03	126.35	14.4	116	8.13	59.0
28315	Core	<0.005	<0.01	>10	14.1	713	4.52	0.39	0.13	0.03	95.69	18.4	113	10.12	46.5
28316	Core	0.013	<0.01	4.27	7.6	233	1.15	0.17	7.80	0.13	43.88	10.4	101	3.46	36.7
28317	Core	<0.005	<0.01	>10	14.6	802	4.05	0.52	0.19	0.03	115.29	16.0	96	9.67	56.8
28318	Core	<0.005	<0.01	>10	9.8	713	3.60	0.47	0.24	0.05	108.80	15.9	97	8.93	55.3
28319	Core	<0.005	<0.01	>10	8.1	749	3.56	0.38	0.14	0.04	117.01	16.8	96	9.20	51.8
28320	Core	0.302	<0.01	>10	6.8	668	3.16	0.41	0.17	0.04	95.26	16.3	95	8.46	54.2
28321	Core	<0.005	0.18	>10	8.1	656	3.30	0.40	3.81	0.05	88.07	17.5	848	8.36	54.2
28322	Core	<0.005	0.20	>10	7.5	658	3.19	0.45	1.79	0.04	106.04	16.7	573	8.45	57.6
28323	Core	<0.005	0.21	>10	13.1	689	3.44	0.49	1.26	0.08	103.98	18.9	493	8.85	62.2
28324	Core	<0.005	1.00	>10	10.5	731	3.43	0.45	2.32	0.05	96.05	17.4	366	9.02	57.0
28325	Core	<0.005	0.39	>10	9.2	724	3.32	0.48	0.44	0.07	108.43	17.0	332	9.04	55.3
28326	Core	<0.005	0.25	>10	11.7	787	4.15	0.43	0.27	0.05	109.84	15.4	268	9.25	60.5
28327	Core	0.006	0.23	>10	12.5	770	4.05	0.42	0.43	0.15	99.56	16.2	244	8.86	66.8
28328	Core	<0.005	0.24	>10	12.0	750	3.67	0.45	0.38	0.09	105.74	16.4	236	8.77	59.7
28329	Core	<0.005	0.25	>10	16.2	727	3.24	0.44	0.90	0.22	86.22	16.4	192	8.38	56.6
28330	Core	<0.005	0.23	>10	23.1	768	3.60	0.50	0.22	0.21	71.58	18.7	190	8.91	60.5
28331	Core	<0.005	0.27	>10	41.9	839	3.76	0.39	0.21	0.23	101.85	18.7	177	10.17	52.3
28332	Core	<0.005	0.21	>10	46.2	803	3.64	0.39	0.25	0.38	102.10	16.1	186	10.24	55.5
28333	Core	0.205	0.28	>10	115.1	723	3.44	0.41	0.28	0.39	77.60	16.3	181	14.08	54.7
28334	Core	0.585	0.15	3.30	1067.6	104	0.74	0.06	1.45	1.42	28.88	5.2	271	3.26	18.3
28335	Core	0.033	0.09	2.20	378.0	95	0.64	0.06	0.40	0.11	26.65	3.2	199	2.87	9.1
28336	Core	0.132	0.11	2.55	1189.0	116	0.75	0.06	0.33	0.46	26.54	3.5	161	3.24	11.9
28337	Core	0.217	0.12	3.00	1447.0	157	0.99	0.06	0.30	1.12	30.37	4.9	190	4.51	14.6
28338	Core	1.239	0.14	2.91	1999.9	129	0.78	0.07	0.12	1.27	21.60	3.8	208	4.16	16.8
28339	Core	7.075	0.31	2.50	2851.8	118	0.79	0.10	0.12	0.62	29.67	2.8	173	3.69	16.8
28340	Core	0.691	0.20	2.40	3728.0	124	0.84	0.06	0.12	0.84	24.71	4.0	202	3.98	15.7
28341	Core	0.455	0.54	2.42	2475.8	116	0.76	0.06	0.28	0.16	30.68	4.0	185	3.86	15.6
28342	Core	0.646	1.03	1.54	3417.2	91	0.51	0.14	0.04	0.28	24.08	2.9	186	3.92	8.6
28343	Core	0.510	0.65	>10	462.9	775	3.30	0.46	0.30	0.65	48.66	21.9	170	18.72	60.6
28344	Core	7.948	1.67	3.78	4573.1	228	1.46	1.65	0.31	0.72	45.32	15.4	330	7.36	36.9
28345	Core	0.193	0.56	>10	499.1	866	3.05	0.62	0.16	0.21	48.99	14.6	157	16.69	69.0
28346	Pulp	7.483	0.82	3.07	856.2	161	0.60	0.85	>10	4.01	33.77	6.7	108	6.92	39.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28347	Core	0.174	0.36	>10	363.7	893	3.38	0.42	0.15	0.27	52.78	15.1	143	18.19	49.7
28348	Core	0.439	0.34	>10	653.3	710	3.52	0.39	0.22	0.18	65.52	18.3	197	21.08	48.7
28349	Core	0.025	0.26	>10	92.7	836	3.27	0.47	0.16	0.07	76.99	19.3	117	13.64	55.9
28350	Core	0.008	0.41	>10	45.4	879	3.38	0.47	0.14	0.05	104.16	20.5	125	10.42	59.8
28351	Core	<0.005	0.31	>10	15.7	869	3.38	0.43	0.15	0.12	90.72	19.1	127	9.70	56.1
28352	Core	<0.005	0.27	>10	15.6	815	3.55	0.49	0.16	0.08	87.78	19.0	127	9.00	55.3
28353	Core	0.006	0.34	>10	16.8	845	3.18	0.49	0.15	0.09	91.62	19.1	116	8.68	57.4
28354	Core	<0.005	0.26	>10	23.0	807	3.45	0.42	0.18	0.09	79.83	18.6	121	8.11	53.2
28355	Core	0.005	0.24	>10	21.1	767	3.25	0.42	0.73	0.05	71.25	18.3	116	7.87	54.3
28356	Core	0.012	0.40	>10	64.6	906	3.62	0.47	0.21	0.05	77.89	23.5	124	9.56	81.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28307	Core	5.31	30.67	1.69	5.5	0.06	2.68	50.4	127.8	1.27	515	0.34	0.99	8.6	48.4
28308	Core	3.91	25.61	1.66	3.9	0.04	2.33	49.8	105.8	0.96	290	0.34	0.83	4.6	38.1
28309	Core	5.21	35.57	1.67	4.8	0.06	3.25	55.6	146.6	1.27	322	0.20	1.34	5.8	53.6
28310	Core	5.35	31.91	1.78	4.3	0.05	2.74	54.0	137.9	1.26	333	0.21	1.17	6.9	46.2
28311	Reject	5.26	32.87	1.82	4.1	0.05	2.83	64.1	142.5	1.28	336	0.20	1.12	5.3	47.6
28312	Core	0.45	0.21	<0.05	1.2	<0.01	0.02	0.7	0.9	>10	205	0.05	0.01	1.2	<0.2
28313	Core	5.41	32.62	1.84	4.2	0.05	2.73	55.0	142.1	1.32	392	0.29	1.08	7.6	51.3
28314	Core	5.09	29.71	1.58	4.6	0.04	2.74	63.8	134.5	1.22	403	0.37	0.95	4.9	46.4
28315	Core	5.37	37.46	1.86	4.6	0.05	3.30	42.5	162.1	1.28	340	0.25	1.24	5.3	55.2
28316	Core	2.76	12.38	0.97	1.5	0.03	1.02	23.0	59.6	0.62	1855	0.35	0.27	1.8	21.6
28317	Core	5.02	34.05	1.64	3.7	0.05	3.28	60.7	117.2	1.24	527	0.23	1.00	4.6	51.3
28318	Core	4.88	32.63	1.64	4.2	0.05	2.94	55.9	126.4	1.20	415	0.37	1.00	5.0	49.0
28319	Core	5.09	32.98	1.69	3.9	0.05	2.94	59.0	145.8	1.23	429	0.70	0.98	5.1	52.6
28320	Core	5.27	29.68	1.67	4.0	0.04	2.80	50.0	126.9	1.29	543	0.34	0.92	5.1	47.0
28321	Core	>10	29.35	1.58	4.3	0.04	2.83	46.2	131.9	>10	6843	0.39	6.84	4.1	45.1
28322	Core	>10	30.09	1.60	4.5	0.05	2.86	54.3	130.6	8.29	4364	0.40	5.52	5.1	46.6
28323	Core	>10	30.22	1.59	4.1	0.05	2.95	54.5	129.6	6.15	3516	0.26	3.82	6.5	48.3
28324	Core	>10	29.88	1.54	4.1	0.05	2.87	51.6	118.3	4.34	2485	0.28	2.64	7.4	46.3
28325	Core	>10	31.16	1.69	4.3	0.05	3.06	53.3	119.2	3.99	1753	0.30	2.38	7.5	49.2
28326	Core	>10	33.49	1.82	3.9	0.06	3.35	55.0	135.6	3.24	1466	0.30	1.90	4.4	52.3
28327	Core	>10	32.31	1.75	3.8	0.05	3.10	51.4	125.9	2.86	1361	0.32	1.68	4.0	47.1
28328	Core	>10	29.95	1.72	4.2	0.05	3.09	53.4	118.1	2.87	1263	0.37	1.54	4.9	48.2
28329	Core	>10	28.62	1.55	4.3	0.05	3.04	46.2	100.9	2.37	2573	0.39	1.17	4.7	46.5
28330	Core	9.76	29.58	1.63	4.2	0.05	3.39	33.5	103.3	2.11	906	0.36	1.06	4.2	48.3
28331	Core	8.60	29.62	1.70	4.3	0.05	3.60	50.6	84.1	1.58	1198	0.43	0.60	4.8	48.7
28332	Core	8.07	29.56	1.53	4.5	0.05	3.73	52.8	62.9	1.51	833	0.40	0.51	3.8	44.6
28333	Core	7.10	29.40	1.30	4.4	0.05	3.88	39.1	88.7	1.37	746	0.39	0.44	3.4	41.9
28334	Core	1.95	7.32	1.47	<0.1	<0.01	0.67	12.4	46.5	0.12	867	0.39	0.09	0.8	12.7
28335	Core	1.21	5.23	1.08	1.5	<0.01	0.58	12.0	15.6	0.20	234	0.44	0.40	0.8	7.7
28336	Core	1.25	6.61	1.12	1.8	<0.01	0.71	12.1	10.0	0.19	230	0.54	0.38	1.0	9.6
28337	Core	1.31	8.83	1.24	2.2	<0.01	0.96	14.2	6.0	0.16	279	0.36	0.27	1.1	11.2
28338	Core	1.32	8.11	1.54	1.9	<0.01	0.82	10.4	71.0	0.12	184	0.50	0.04	1.1	9.5
28339	Core	0.97	7.79	1.69	2.0	<0.01	0.80	13.1	68.3	0.09	84	0.69	0.03	1.0	8.1
28340	Core	1.21	8.26	1.64	1.8	<0.01	0.87	10.9	15.1	0.14	169	0.43	0.04	0.9	9.9
28341	Core	1.17	7.76	0.38	10.0	<0.01	0.81	14.0	30.3	0.16	220	0.56	0.09	2.2	9.3
28342	Core	0.95	5.63	2.15	3.1	<0.01	0.52	11.1	74.8	0.05	49	0.69	0.02	1.6	7.0
28343	Core	5.71	31.03	1.62	5.4	0.05	4.10	26.3	21.5	1.19	867	0.56	0.20	5.3	49.3
28344	Core	2.74	13.32	1.81	1.8	0.02	1.65	22.8	9.9	0.32	281	0.93	0.06	2.8	36.2
28345	Core	5.12	28.68	1.32	3.6	0.13	4.21	27.0	14.4	1.22	515	0.70	0.19	5.5	40.7
28346	Pulp	1.38	6.74	0.36	2.9	0.13	1.25	20.8	7.5	0.81	299	10.90	<0.01	8.2	59.4

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11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28347	Core	5.36	30.58	1.64	3.6	0.05	4.63	28.1	14.9	1.30	533	0.50	0.18	4.4	44.7
28348	Core	5.36	29.47	1.74	3.9	0.05	3.76	35.5	99.0	1.27	753	0.60	0.30	3.6	45.9
28349	Core	5.30	29.74	1.32	4.3	0.05	3.51	40.9	62.2	1.24	660	0.38	0.49	4.4	44.1
28350	Core	5.68	32.08	1.59	4.4	0.05	3.88	53.8	71.4	1.33	678	0.46	0.54	4.8	49.1
28351	Core	5.52	32.49	1.63	3.8	0.06	3.77	46.5	78.4	1.31	663	0.42	0.56	5.9	48.7
28352	Core	5.63	30.73	1.62	4.1	0.10	3.29	47.4	76.1	1.33	710	0.42	0.56	4.9	45.3
28353	Core	5.53	30.97	1.65	4.1	0.08	3.43	48.2	85.1	1.32	709	0.38	0.50	5.3	47.8
28354	Core	5.53	30.39	1.52	4.2	0.05	3.60	42.4	80.4	1.32	659	0.38	0.50	4.2	44.3
28355	Core	5.42	29.37	1.42	4.0	0.05	3.59	38.1	78.0	1.41	955	0.40	0.37	4.1	43.9
28356	Core	5.66	35.32	1.62	4.2	0.06	4.50	41.1	84.1	1.24	605	0.42	0.30	4.3	51.2

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11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28307	Core	674	44.4	149.7	0.002	<0.01	0.85	18.9	<1.0	2.4	217.5	2.29	0.11	24.4	0.116
28308	Core	636	13.3	130.3	<0.002	<0.01	0.49	15.8	<1.0	2.0	184.4	0.95	0.12	21.8	0.085
28309	Core	530	15.0	174.9	<0.002	<0.01	1.00	22.0	<1.0	2.9	289.2	1.48	0.09	24.9	0.117
28310	Core	511	15.8	154.9	<0.002	0.017	1.35	19.0	<1.0	2.6	245.8	1.20	0.17	22.4	0.100
28311	Reject	460	17.6	159.2	<0.002	<0.01	1.08	20.6	<1.0	2.5	244.7	1.12	0.06	23.9	0.102
28312	Core	295	2.4	1.2	<0.002	<0.01	<0.05	0.4	<1.0	<0.2	40.0	1.20	0.09	0.6	<0.005
28313	Core	525	19.2	148.4	<0.002	<0.01	1.21	19.2	<1.0	2.7	235.5	1.05	0.15	23.0	0.110
28314	Core	736	17.4	144.0	<0.002	<0.01	1.02	18.2	1.0	2.3	199.8	1.21	0.11	26.9	0.121
28315	Core	594	8.8	148.2	<0.002	<0.01	1.04	21.6	<1.0	2.7	261.5	1.10	0.11	21.4	0.118
28316	Core	239	19.2	57.1	0.003	0.010	0.40	7.8	<1.0	1.0	324.5	0.23	<0.05	9.0	0.007
28317	Core	760	27.8	177.8	<0.002	0.045	1.60	20.7	1.2	2.6	229.2	0.89	0.12	22.6	0.119
28318	Core	806	23.5	154.7	0.002	0.013	0.82	20.0	<1.0	2.5	226.1	1.11	0.06	22.7	0.109
28319	Core	652	13.6	155.0	<0.002	<0.01	0.63	19.4	1.1	2.5	225.9	0.83	0.13	24.7	0.106
28320	Core	497	26.9	148.3	<0.002	0.022	0.68	18.2	<1.0	2.2	191.1	0.72	0.07	22.7	0.119
28321	Core	4683	25.5	144.8	<0.002	0.342	0.89	18.2	<1.0	2.3	193.0	0.68	0.08	22.2	0.790
28322	Core	4473	23.4	150.8	<0.002	0.248	0.96	18.4	<1.0	2.4	193.2	0.88	<0.05	25.0	0.746
28323	Core	2865	39.6	156.0	0.002	0.497	1.15	18.3	<1.0	2.5	194.9	0.85	0.07	23.2	0.655
28324	Core	2179	25.9	156.2	<0.002	0.176	1.04	18.5	<1.0	2.5	214.7	0.96	0.11	23.1	0.409
28325	Core	1859	30.3	159.0	<0.002	0.134	0.86	19.3	<1.0	2.5	186.5	0.94	0.12	24.2	0.423
28326	Core	1175	25.4	174.8	<0.002	0.034	0.80	20.3	<1.0	2.5	192.4	0.64	0.11	23.3	0.274
28327	Core	1620	30.3	170.0	0.003	0.040	0.77	18.7	<1.0	2.4	187.4	0.61	0.06	22.2	0.251
28328	Core	1432	28.7	161.1	0.003	0.081	0.89	18.6	<1.0	2.4	173.7	0.76	0.07	25.0	0.310
28329	Core	945	28.5	156.2	0.002	0.044	0.92	17.6	<1.0	2.3	159.6	0.75	<0.05	23.2	0.245
28330	Core	1016	27.9	153.3	<0.002	0.081	1.06	18.1	<1.0	2.4	142.3	0.67	<0.05	20.2	0.226
28331	Core	806	27.0	177.4	<0.002	0.020	1.33	18.3	<1.0	2.4	102.4	0.61	0.10	23.7	0.192
28332	Core	899	23.0	182.8	0.002	0.042	1.20	18.4	<1.0	2.5	90.0	0.63	<0.05	25.5	0.162
28333	Core	717	28.4	193.1	0.002	0.141	1.72	18.3	<1.0	2.7	89.1	0.57	0.10	22.4	0.140
28334	Core	5024	16.1	35.7	0.005	0.096	2.15	2.6	<1.0	1.3	80.7	0.10	0.05	9.3	0.024
28335	Core	95	15.6	30.3	<0.002	0.134	1.04	1.9	<1.0	0.6	29.0	0.12	<0.05	8.5	0.023
28336	Core	67	30.5	38.7	<0.002	0.131	1.94	2.4	<1.0	0.7	26.6	0.13	<0.05	8.8	0.028
28337	Core	121	12.6	50.2	<0.002	0.146	2.75	3.5	<1.0	0.9	28.6	0.14	<0.05	11.5	0.030
28338	Core	269	17.4	45.9	<0.002	0.264	3.22	2.9	<1.0	1.0	24.3	0.12	<0.05	10.4	0.028
28339	Core	387	16.0	43.5	<0.002	0.306	4.18	2.5	<1.0	1.2	27.8	0.11	<0.05	10.1	0.028
28340	Core	154	12.4	49.3	<0.002	0.364	5.00	2.7	<1.0	1.1	18.3	0.11	<0.05	9.3	0.024
28341	Core	199	10.1	45.6	<0.002	0.328	3.74	3.1	<1.0	1.3	32.1	0.19	<0.05	12.0	0.023
28342	Core	66	16.3	28.7	<0.002	0.504	8.28	2.1	<1.0	1.1	25.3	0.18	<0.05	8.8	0.020
28343	Core	521	25.3	216.0	<0.002	1.066	4.95	17.7	<1.0	2.6	116.7	1.12	0.10	20.0	0.090
28344	Core	880	490.2	87.0	<0.002	1.501	9.71	6.3	1.0	1.6	52.2	0.23	0.31	9.3	0.045
28345	Core	338	40.5	220.4	<0.002	0.539	3.84	16.6	<1.0	2.7	62.0	0.69	0.05	19.0	0.118
28346	Pulp	3905	9.0	102.2	0.035	1.047	21.21	5.7	7.5	2.0	132.5	0.61	0.60	7.4	0.204

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28347	Core	350	15.8	234.6	<0.002	0.492	3.92	18.3	<1.0	2.6	61.1	0.61	0.08	18.3	0.108
28348	Core	361	24.2	196.3	0.003	0.867	3.53	17.2	<1.0	2.5	123.8	0.55	0.08	20.1	0.087
28349	Core	525	23.1	187.5	0.003	0.290	1.85	17.5	<1.0	2.4	160.5	0.63	0.09	23.4	0.093
28350	Core	473	17.3	191.5	<0.002	0.134	2.00	19.4	<1.0	2.5	171.3	0.80	0.11	24.7	0.102
28351	Core	594	28.5	191.9	<0.002	0.100	1.63	18.7	1.5	2.7	189.9	0.74	0.15	21.6	0.107
28352	Core	475	24.5	168.1	0.003	0.134	1.77	17.8	<1.0	2.6	181.6	0.66	0.10	23.2	0.113
28353	Core	555	25.4	168.1	0.003	0.146	1.77	18.3	<1.0	2.7	177.9	0.69	0.12	23.8	0.130
28354	Core	571	21.8	171.3	<0.002	0.124	1.46	18.0	<1.0	2.5	166.3	0.67	0.10	23.3	0.124
28355	Core	609	28.1	172.6	<0.002	0.095	1.85	17.4	<1.0	2.4	148.1	0.58	0.13	22.7	0.113
28356	Core	612	31.2	217.0	0.002	0.220	3.10	20.6	<1.0	2.9	124.2	0.64	0.14	23.5	0.130

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11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28307	Core	0.89	4.1	95	0.7	8.6	111	101.0
28308	Core	0.80	3.7	76	0.7	7.0	85	71.9
28309	Core	1.02	4.7	103	0.9	7.1	111	88.2
28310	Core	0.93	4.7	92	0.7	7.0	101	81.3
28311	Reject	0.88	4.8	91	0.7	7.5	101	80.2
28312	Core	<0.02	0.4	2	0.2	0.8	13	0.7
28313	Core	0.84	4.2	94	0.8	8.2	112	93.6
28314	Core	0.83	4.8	92	0.6	9.2	104	99.3
28315	Core	1.00	4.2	106	0.6	6.3	107	96.9
28316	Core	0.30	1.7	30	0.2	15.4	56	37.1
28317	Core	0.96	4.1	92	0.5	8.2	112	83.5
28318	Core	0.89	4.4	91	0.5	9.4	106	85.7
28319	Core	0.90	4.4	92	0.6	8.3	107	87.9
28320	Core	0.85	4.1	91	0.5	10.0	114	92.2
28321	Core	0.77	4.2	1358	0.5	8.9	1024	98.9
28322	Core	0.87	4.7	1021	0.5	9.0	864	97.5
28323	Core	0.85	4.5	825	0.7	8.5	695	96.5
28324	Core	0.88	4.2	582	0.7	10.1	477	93.7
28325	Core	0.96	4.8	529	0.8	8.3	419	97.4
28326	Core	0.94	4.2	432	0.6	8.1	334	96.9
28327	Core	0.91	4.0	384	0.5	8.0	334	89.1
28328	Core	0.98	4.6	383	0.7	8.4	277	91.6
28329	Core	0.99	4.4	313	0.7	8.2	266	94.1
28330	Core	1.02	4.6	292	0.7	6.2	255	93.7
28331	Core	1.01	4.9	255	1.3	9.4	258	105.8
28332	Core	1.10	5.0	251	1.2	9.3	197	100.2
28333	Core	1.16	4.2	245	2.2	8.7	185	103.1
28334	Core	0.22	1.5	35	379.3	9.3	73	44.9
28335	Core	0.17	1.1	30	34.8	2.9	37	38.6
28336	Core	0.21	1.2	35	3.8	3.2	70	42.2
28337	Core	0.30	1.6	39	8.6	4.2	64	59.3
28338	Core	0.29	1.5	36	17.9	3.8	54	49.0
28339	Core	0.27	1.5	34	2.7	4.1	26	49.9
28340	Core	0.27	1.3	32	2.2	3.1	34	46.4
28341	Core	0.26	1.3	32	2.5	3.8	31	50.8
28342	Core	0.40	1.0	24	2.3	4.1	22	41.5
28343	Core	1.35	4.5	176	6.3	7.0	170	85.9
28344	Core	0.57	1.8	62	3.4	5.2	145	40.7
28345	Core	1.45	3.8	174	6.0	5.1	175	76.5
28346	Pulp	13.57	7.8	452	33.9	23.9	292	68.6

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Certificate of Analysis

11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28347	Core	1.45	3.8	178	5.9	5.3	143	77.6
28348	Core	1.19	4.2	169	8.1	8.2	131	91.7
28349	Core	1.18	4.7	178	2.3	7.2	129	101.1
28350	Core	1.07	4.5	195	1.6	7.8	137	98.9
28351	Core	0.97	4.4	187	1.4	7.5	139	93.6
28352	Core	0.97	4.3	187	1.2	7.3	144	92.4
28353	Core	1.00	4.5	185	1.0	8.4	140	98.3
28354	Core	1.03	4.4	182	1.0	8.3	135	94.2
28355	Core	1.04	4.5	176	1.3	10.0	129	89.5
28356	Core	1.18	4.9	197	2.5	9.3	137	99.4

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Certificate of Analysis

11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28307	Core		<0.01	>10	11.8	622	3.90	0.48	0.53	0.07	97.73	16.2	99	8.29	59.8
28307 Dup			<0.01	>10	11.9	621	4.03	0.44	0.51	0.07	105.43	16.4	99	8.50	63.9
QCV1109-00107-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.60												1077.6
28325	Core		0.39	>10	9.2	724	3.32	0.48	0.44	0.07	108.43	17.0	332	9.04	55.3
28325 Dup			0.32	>10	9.1	743	3.79	0.50	0.40	0.06	112.18	17.6	296	8.91	55.1
QCV1109-00107-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.84												1094.4
28343	Core		0.65	>10	462.9	775	3.30	0.46	0.30	0.65	48.66	21.9	170	18.72	60.6
28343 Dup			0.68	>10	476.9	800	3.46	0.50	0.30	0.62	44.08	20.8	168	18.38	66.7
QCV1109-00107-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-00107-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.78		9.1	401	2.55	8.41		0.21	82.28	22.1		6.65	>10000
28307	Core	0.006													
28307 Dup		0.010													
28325	Core	<0.005													
28325 Dup		0.008													
QCV1109-00108-0004-BLK		<0.005													
28343	Core	0.510													
28343 Dup		0.560													
QCV1109-00108-0006-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.129													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28307	Core	5.31	30.67	1.69	5.5	0.06	2.68	50.4	127.8	1.27	515	0.34	0.99	8.6	48.4
28307 Dup		5.20	31.98	1.65	5.5	0.05	2.64	54.5	122.9	1.29	522	0.30	0.97	7.5	48.8
QCV1109-00107-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28325	Core	>10	31.16	1.69	4.3	0.05	3.06	53.3	119.2	3.99	1753	0.30	2.38	7.5	49.2
28325 Dup		>10	30.32	1.70	4.5	0.05	3.02	57.4	129.2	3.60	1574	0.28	2.18	8.5	49.0
QCV1109-00107-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28343	Core	5.71	31.03	1.62	5.4	0.05	4.10	26.3	21.5	1.19	867	0.56	0.20	5.3	49.3
28343 Dup		5.80	29.78	1.50	4.2	0.05	4.24	23.9	22.0	1.21	878	0.53	0.21	3.5	48.3
QCV1109-00107-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-00107-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.64		4.9	1.11		40.4	25.5					15.8	41.8

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11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28307	Core	674	44.4	149.7	0.002	<0.01	0.85	18.9	<1.0	2.4	217.5	2.29	0.11	24.4	0.116
28307 Dup		610	45.2	151.9	0.003	<0.01	0.85	19.1	<1.0	2.5	217.7	1.59	0.09	23.7	0.121
QCV1109-00107-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28325	Core	1859	30.3	159.0	<0.002	0.134	0.86	19.3	<1.0	2.5	186.5	0.94	0.12	24.2	0.423
28325 Dup		1724	29.4	158.0	0.003	0.135	0.85	18.9	<1.0	2.7	182.2	1.04	0.07	25.8	0.389
QCV1109-00107-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28343	Core	521	25.3	216.0	<0.002	1.066	4.95	17.7	<1.0	2.6	116.7	1.12	0.10	20.0	0.090
28343 Dup		509	25.9	215.8	<0.002	1.083	4.92	17.5	<1.0	2.6	113.4	0.88	0.10	18.4	0.088
QCV1109-00107-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-00107-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.1	179.2		1.205	2.81	13.1	13.5	20.7	33.6	1.52	<0.05		

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11-360-06445-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28307	Core	0.89	4.1	95	0.7	8.6	111	101.0
28307 Dup		0.87	4.0	94	0.9	9.0	111	95.8
QCV1109-00107-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28325	Core	0.96	4.8	529	0.8	8.3	419	97.4
28325 Dup		0.99	4.9	464	0.9	8.6	371	92.5
QCV1109-00107-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28343	Core	1.35	4.5	176	6.3	7.0	170	85.9
28343 Dup		1.39	4.5	176	6.4	6.7	172	80.6
QCV1109-00107-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-00107-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.4			24.3	188	113.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 13**
Description: **3 ACE**

Date Received: 09/12/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	46	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Canada

Certificate of Analysis

11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28357	Core	0.909	0.26	>10	3624.9	900	5.27	0.36	0.46	0.09	25.20	19.9	140	10.31	51.6
28358	Core	0.304	<0.01	3.51	359.2	185	0.83	0.08	0.46	0.43	19.07	6.5	130	3.92	14.2
28359	Core	0.040	0.06	1.96	506.8	83	0.47	0.03	0.09	1.04	22.28	3.2	211	1.55	22.3
28360	Core	0.045	0.09	2.65	647.6	129	0.72	0.05	0.22	3.14	19.36	4.2	141	1.62	10.8
28361	Core	0.044	<0.01	2.62	406.3	133	0.46	0.05	0.33	1.06	22.49	4.6	137	1.57	12.8
28362	Core	0.025	<0.01	2.42	186.1	106	0.57	0.10	0.15	1.13	16.80	5.5	176	1.36	12.3
28363	Core	0.065	<0.01	4.11	909.9	227	1.02	0.08	0.57	0.04	19.89	6.6	143	2.56	15.2
28364	Core	0.049	<0.01	2.67	474.2	119	0.49	0.05	0.25	0.42	29.26	4.7	123	1.99	9.9
28365	Core	0.015	<0.01	2.11	33.4	95	0.39	0.06	0.37	0.07	26.22	3.2	125	1.33	7.4
28366	Core	0.007	0.05	9.32	124.6	719	3.00	0.28	0.32	0.22	37.40	14.7	149	6.47	42.3
28367	Core	<0.005	<0.01	2.90	54.4	151	0.52	0.08	0.22	0.42	28.07	4.9	142	1.85	12.2
28368	Core	<0.005	0.01	2.76	16.7	129	0.57	0.06	0.55	0.07	28.30	4.4	135	1.53	10.4
28369	Core	0.010	<0.01	2.91	21.5	155	0.48	0.09	0.32	0.06	24.45	4.4	125	1.75	13.4
28370	Core	<0.005	<0.01	2.57	5.7	119	0.45	0.05	0.77	<0.02	31.94	3.2	150	1.52	7.6
28371	Core	<0.005	<0.01	3.05	8.8	126	0.51	0.07	0.92	0.04	29.18	4.9	112	1.47	9.9
28372	Core	<0.005	<0.01	2.29	7.2	83	0.52	0.07	0.55	0.04	25.84	3.9	108	1.19	8.8
28373	Core	<0.005	0.04	>10	27.4	870	4.10	0.40	0.16	0.11	70.74	16.3	129	8.38	68.3
28374	Core	0.006	0.57	>10	26.7	782	3.68	0.46	0.13	0.11	58.15	21.3	111	8.25	55.9
28375	Core	<0.005	0.05	>10	18.5	754	3.44	0.38	0.13	0.06	73.32	17.1	112	7.31	56.9
28376	Core	0.007	0.08	>10	29.7	659	2.76	0.36	0.20	0.11	53.95	18.3	130	6.35	52.5
28377	Core	<0.005	<0.01	2.09	21.5	75	0.44	0.03	0.50	0.13	27.71	4.1	102	1.03	7.6
28378	Core	0.005	<0.01	2.37	35.7	95	0.42	0.05	1.19	0.17	33.31	5.6	117	1.11	7.1
28379	Core	0.020	<0.01	3.87	106.2	189	0.70	0.06	0.65	0.11	21.98	6.4	158	2.06	16.7
28380	Core	0.010	<0.01	2.35	23.8	90	0.51	0.05	0.35	0.10	24.38	4.2	127	1.21	6.8
28381	Core	0.022	<0.01	6.90	27.4	412	1.63	0.17	0.52	0.21	36.27	12.9	133	4.11	28.0
28382	Core	0.020	2.15	9.38	48.0	683	3.31	0.37	0.49	0.25	29.01	22.3	138	7.18	62.5
28383	Reject	0.016	0.33	>10	44.7	740	3.46	0.38	0.55	0.18	24.38	24.1	158	7.66	52.3
28384	Core	<0.005	0.03	0.06	<0.2	19	0.07	0.02	>10	0.06	1.15	1.0	3	0.23	7.8
28385	Core	<0.005	0.05	3.80	10.2	183	1.00	0.15	0.85	0.05	24.21	7.9	174	2.21	36.4
28386	Core	0.009	0.04	>10	19.1	703	3.20	0.34	0.56	0.13	46.73	17.5	131	7.24	45.7
28387	Core	<0.005	<0.01	3.65	6.6	278	1.16	0.14	0.51	0.06	29.31	7.6	229	2.40	13.3
28388	Core	<0.005	0.01	9.91	21.1	695	2.68	0.35	0.59	0.04	41.69	17.6	124	8.33	44.1
28389	Core	0.005	<0.01	>10	15.9	1010	3.50	0.42	0.23	0.08	41.35	18.4	123	9.40	61.9
28390	Core	0.006	<0.01	4.43	7.7	241	0.85	0.09	0.64	0.10	29.78	8.8	147	2.67	21.1
28391	Core	0.006	0.08	9.18	10.7	668	2.19	0.32	0.39	0.04	47.53	14.4	126	6.69	47.8
28392	Core	<0.005	0.10	9.92	19.2	740	2.57	0.53	0.25	0.04	48.01	19.4	110	7.99	52.1
28393	Core	0.007	0.08	7.56	34.2	617	2.54	0.39	0.73	0.32	31.47	15.4	195	9.66	44.8
28394	Core	0.028	0.13	>10	58.2	870	3.71	0.61	0.36	0.12	39.65	22.1	141	11.84	56.4
28395	Core	0.206	0.16	>10	93.4	912	3.92	0.56	0.49	0.12	34.12	23.4	138	12.47	57.6
28396	Core	<0.005	<0.01	2.76	5.3	152	0.71	0.04	1.26	0.15	22.10	1.9	92	1.96	16.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28397	Core	0.353	0.21	9.69	280.5	743	3.12	0.46	1.10	0.12	26.79	19.8	188	9.93	56.6
28398	Core	0.326	0.31	9.22	215.5	728	3.24	0.45	0.83	0.13	31.79	20.7	170	11.71	52.5
28399	Core	0.902	0.50	>10	854.9	1052	5.32	0.53	0.15	0.11	20.46	22.6	168	13.40	79.9
28400	Core	0.039	0.07	5.87	143.1	400	1.94	0.19	0.12	0.16	25.93	13.0	165	5.07	40.4
28401	Core	0.024	0.27	3.36	281.6	133	1.16	0.08	0.29	0.48	38.43	10.1	166	2.30	18.6
28402	Core	0.120	0.27	3.50	1100.6	174	1.10	0.12	0.06	3.45	26.78	6.6	167	3.42	19.1
28403	Core	0.025	0.51	1.91	569.5	76	0.52	0.20	0.10	4.69	26.64	3.6	148	1.09	9.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28357	Core	5.32	32.17	1.53	3.7	0.09	3.80	13.3	46.9	0.83	764	0.67	0.22	2.9	44.3
28358	Core	2.16	8.03	0.99	1.8	0.02	0.94	9.3	27.5	0.26	943	0.44	0.06	1.3	13.7
28359	Core	0.99	4.29	1.24	1.1	0.04	0.53	10.3	15.8	0.08	155	0.51	0.03	0.7	7.3
28360	Core	0.97	5.95	1.16	1.5	0.02	0.78	8.9	10.2	0.15	351	0.54	0.04	0.7	7.5
28361	Core	1.08	5.93	1.11	1.2	0.01	0.66	10.4	10.9	0.18	374	0.37	0.04	0.7	7.8
28362	Core	1.30	4.91	1.01	1.3	0.01	0.57	7.6	11.3	0.17	288	0.41	0.05	0.9	9.4
28363	Core	1.58	9.73	1.23	2.1	0.02	1.11	9.4	26.7	0.36	314	0.51	0.25	1.1	13.0
28364	Core	1.17	6.20	1.06	1.5	<0.01	0.62	13.0	7.3	0.18	246	0.34	0.04	0.8	7.7
28365	Core	1.00	4.32	0.73	1.3	<0.01	0.48	11.8	5.5	0.18	219	0.40	0.03	0.9	6.1
28366	Core	3.72	23.89	1.08	4.0	0.06	2.93	19.6	26.1	0.42	313	0.53	0.20	2.9	34.5
28367	Core	1.34	6.13	0.72	1.5	0.02	0.74	13.6	6.8	0.15	214	0.36	0.05	1.1	11.0
28368	Core	1.47	5.94	0.85	1.5	<0.01	0.62	13.5	12.2	0.30	258	0.37	0.38	1.0	10.8
28369	Core	1.33	6.36	0.88	1.3	0.01	0.75	11.6	13.6	0.28	150	0.54	0.39	1.2	9.9
28370	Core	0.99	5.57	0.79	1.5	<0.01	0.57	14.3	12.8	0.23	246	0.39	0.51	1.1	6.9
28371	Core	1.52	6.19	0.92	1.6	0.01	0.64	13.3	14.6	0.38	360	0.29	0.60	0.9	9.7
28372	Core	1.43	4.65	0.88	1.1	<0.01	0.44	11.8	24.8	0.37	346	0.48	0.43	0.7	7.8
28373	Core	5.06	30.76	1.33	3.6	0.08	3.75	41.3	64.4	1.19	349	0.54	0.30	4.3	50.1
28374	Core	5.20	28.98	1.36	3.1	0.08	3.50	32.6	67.4	1.15	334	0.49	0.30	3.6	48.9
28375	Core	5.12	27.42	1.38	3.6	0.08	3.23	38.9	71.6	1.18	325	0.42	0.24	3.4	44.3
28376	Core	4.91	24.40	1.45	3.6	0.07	3.10	27.4	65.0	1.09	372	0.45	0.21	3.4	42.6
28377	Core	1.39	4.40	1.00	1.1	<0.01	0.41	12.6	25.4	0.29	390	0.33	0.32	0.8	8.0
28378	Core	1.05	4.94	0.94	1.1	<0.01	0.49	13.8	12.4	0.21	637	0.51	0.57	0.6	7.6
28379	Core	1.56	7.84	0.99	1.7	0.02	1.09	10.1	11.2	0.32	474	0.33	0.38	1.1	12.2
28380	Core	1.11	4.74	0.97	1.2	<0.01	0.50	11.2	9.6	0.22	311	0.46	0.48	0.8	8.1
28381	Core	3.64	16.13	1.21	2.8	0.04	1.92	18.5	44.3	0.86	492	0.38	0.29	2.9	28.6
28382	Core	4.11	22.58	1.46	6.8	0.07	2.92	15.3	55.0	0.93	451	0.77	0.28	4.9	40.9
28383	Reject	4.10	24.42	1.47	3.1	0.07	3.17	12.6	51.7	0.92	413	0.81	0.28	3.5	41.4
28384	Core	0.46	0.17	<0.05	1.3	<0.01	0.02	0.6	0.8	>10	217	0.06	<0.01	0.8	<0.2
28385	Core	3.39	8.81	1.49	1.4	0.02	0.84	12.3	57.1	0.85	516	0.44	0.15	1.4	22.5
28386	Core	5.19	24.12	1.35	3.8	0.07	2.96	25.3	73.5	1.21	412	0.43	0.27	3.5	43.6
28387	Core	1.76	8.66	1.27	1.5	0.02	1.10	15.0	32.7	0.41	351	0.53	0.12	1.7	16.4
28388	Core	4.27	24.24	1.29	3.0	0.06	2.73	22.0	47.1	0.73	658	0.46	0.26	3.0	38.9
28389	Core	4.64	29.90	1.51	3.3	0.08	3.52	22.7	71.2	0.95	369	0.48	0.38	3.6	47.0
28390	Core	2.90	10.50	1.18	1.7	0.03	0.93	13.9	40.9	0.77	786	0.38	0.48	1.7	21.8
28391	Core	4.53	22.99	1.55	2.9	0.06	2.44	25.4	77.0	1.25	428	0.53	0.28	3.6	39.7
28392	Core	5.19	25.21	1.72	2.9	0.07	2.62	25.7	112.5	1.42	468	0.60	0.32	3.8	46.6
28393	Core	3.88	18.00	1.59	2.0	0.05	2.26	16.6	56.8	0.82	504	1.80	0.33	2.6	34.7
28394	Core	5.24	25.60	1.56	2.8	0.08	2.80	21.7	54.7	1.05	694	2.35	0.48	4.0	49.3
28395	Core	4.57	27.76	1.67	2.7	0.08	3.34	19.5	34.9	0.77	450	1.62	0.36	4.1	48.7
28396	Core	2.41	6.18	1.18	1.0	0.02	0.66	11.1	27.2	0.85	776	0.31	0.05	0.8	9.7

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11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28397	Core	4.75	23.65	1.69	2.5	0.07	3.32	14.2	22.7	0.91	827	1.06	0.28	3.2	42.5
28398	Core	4.91	23.79	1.82	2.3	0.06	3.13	17.4	52.3	0.86	912	1.09	0.23	3.2	44.7
28399	Core	4.47	39.19	2.04	2.9	0.09	4.59	11.6	34.2	0.79	452	0.78	0.31	4.1	48.4
28400	Core	2.77	16.45	1.41	1.5	0.04	1.90	12.2	62.7	0.43	463	0.52	0.11	1.9	24.4
28401	Core	3.16	8.43	1.44	1.7	0.03	0.61	18.5	35.3	0.35	894	1.42	0.04	17.1	25.3
28402	Core	1.82	10.47	1.39	1.7	0.07	1.22	12.0	8.8	0.21	252	0.50	0.06	2.5	15.3
28403	Core	1.01	4.27	0.96	1.4	0.08	0.46	11.5	13.7	0.10	251	0.43	0.04	1.0	6.9

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11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28357	Core	359	30.7	256.9	<0.002	0.723	4.92	19.2	<1.0	3.1	106.5	0.47	0.18	17.6	0.091
28358	Core	88	21.8	54.5	<0.002	0.346	1.37	4.0	<1.0	0.9	28.6	0.16	0.09	9.2	0.029
28359	Core	44	60.2	29.0	<0.002	0.109	1.43	1.8	<1.0	3.7	10.3	0.08	<0.05	6.8	0.018
28360	Core	82	103.3	43.1	<0.002	0.232	1.47	2.5	<1.0	2.7	21.0	0.10	0.05	8.6	0.020
28361	Core	130	14.9	39.9	<0.002	0.186	1.11	2.6	<1.0	0.7	28.6	0.10	<0.05	7.6	0.019
28362	Core	98	14.7	30.7	<0.002	0.091	0.80	2.1	<1.0	0.6	20.6	0.12	<0.05	7.7	0.020
28363	Core	146	16.8	61.8	<0.002	0.203	1.50	4.2	<1.0	1.0	65.4	0.16	<0.05	10.9	0.032
28364	Core	82	24.9	33.6	<0.002	0.102	0.98	2.5	<1.0	0.7	24.8	0.11	<0.05	8.7	0.024
28365	Core	90	16.6	26.8	<0.002	0.031	0.44	1.6	<1.0	0.6	21.8	0.11	<0.05	7.4	0.019
28366	Core	154	31.8	177.2	<0.002	0.073	2.32	14.7	<1.0	2.2	83.9	0.45	0.07	20.2	0.088
28367	Core	93	23.5	39.6	<0.002	0.033	0.72	3.2	<1.0	0.9	20.4	0.17	0.10	8.2	0.029
28368	Core	101	13.7	34.8	<0.002	0.032	0.53	2.7	1.2	0.6	34.0	0.13	<0.05	8.0	0.023
28369	Core	117	19.5	41.3	<0.002	0.048	0.67	3.0	1.1	0.6	28.6	0.16	<0.05	7.5	0.028
28370	Core	180	9.3	32.7	<0.002	0.023	0.41	2.5	1.4	0.6	49.4	0.13	<0.05	8.9	0.027
28371	Core	87	15.0	33.2	<0.002	0.023	0.45	3.0	<1.0	0.6	62.9	0.13	<0.05	9.4	0.027
28372	Core	78	30.5	24.3	<0.002	0.025	0.36	2.2	<1.0	0.5	36.1	0.09	<0.05	7.1	0.018
28373	Core	540	24.5	243.5	<0.002	0.123	1.25	21.0	1.1	2.9	117.2	0.61	0.09	20.7	0.119
28374	Core	435	22.0	222.1	0.003	0.338	3.11	18.8	<1.0	2.7	113.4	0.52	0.13	18.0	0.120
28375	Core	386	24.4	201.9	<0.002	0.115	1.03	18.5	<1.0	2.5	94.6	0.54	0.10	21.1	0.117
28376	Core	287	26.1	176.6	<0.002	0.159	1.08	16.2	<1.0	2.4	77.7	0.45	0.08	18.5	0.105
28377	Core	102	8.3	21.8	<0.002	0.024	0.30	2.1	<1.0	0.5	32.7	0.09	<0.05	6.7	0.021
28378	Core	492	18.8	25.6	<0.002	0.084	0.42	2.2	<1.0	0.7	61.1	0.08	<0.05	7.4	0.020
28379	Core	101	10.5	56.6	<0.002	0.339	0.83	4.2	<1.0	1.2	43.8	0.16	<0.05	11.7	0.035
28380	Core	88	4.5	26.8	<0.002	0.089	0.49	2.2	<1.0	0.5	28.3	0.11	<0.05	7.2	0.024
28381	Core	236	12.8	111.9	<0.002	0.214	1.01	10.4	<1.0	1.6	62.6	0.32	<0.05	14.0	0.078
28382	Core	524	31.0	177.9	0.005	0.868	3.03	17.5	<1.0	2.4	116.9	0.99	0.15	18.8	0.100
28383	Reject	698	24.6	193.9	<0.002	0.857	3.47	17.5	1.1	2.7	125.8	0.57	0.09	14.8	0.095
28384	Core	153	2.1	1.1	<0.002	0.125	<0.05	0.4	<1.0	<0.2	39.1	0.87	<0.05	0.7	<0.005
28385	Core	116	41.0	48.2	<0.002	0.091	0.51	5.4	<1.0	0.8	84.7	0.20	<0.05	7.4	0.035
28386	Core	425	22.8	177.3	<0.002	0.187	0.79	16.8	<1.0	2.3	119.1	0.63	0.11	18.5	0.101
28387	Core	387	22.5	57.5	<0.002	0.033	0.28	6.0	<1.0	1.1	65.3	0.19	<0.05	8.2	0.041
28388	Core	550	18.3	165.4	<0.002	0.168	0.67	15.8	<1.0	2.1	152.0	0.46	0.10	16.8	0.087
28389	Core	398	19.4	224.2	<0.002	0.165	0.80	21.2	<1.0	2.8	158.2	0.55	0.07	18.4	0.115
28390	Core	278	6.7	57.5	<0.002	0.135	0.30	6.4	<1.0	0.9	68.9	0.20	<0.05	9.0	0.043
28391	Core	251	6.2	151.6	<0.002	0.143	0.63	15.3	<1.0	2.1	116.6	0.45	0.08	16.2	0.104
28392	Core	286	8.2	173.2	<0.002	0.288	1.25	17.3	<1.0	2.3	140.0	0.47	0.26	17.0	0.103
28393	Core	138	40.4	149.0	0.003	2.233	6.20	13.2	<1.0	2.0	196.9	0.32	0.16	10.2	0.076
28394	Core	141	49.0	178.1	0.005	3.168	11.86	18.1	1.1	2.7	194.8	0.43	0.20	14.1	0.120
28395	Core	222	44.8	228.2	0.004	2.883	12.63	19.7	<1.0	2.8	200.7	0.47	0.27	14.0	0.120
28396	Core	92	4.6	37.4	<0.002	0.034	0.65	3.9	<1.0	0.5	67.0	0.09	<0.05	6.3	0.023

3Ace Property, Northern Tiger Resources Inc.
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Certificate of Analysis

11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28397	Core	181	27.1	205.7	0.005	2.241	7.38	16.2	<1.0	2.4	187.5	0.37	0.20	13.6	0.101
28398	Core	200	39.6	203.4	<0.002	2.894	7.07	16.3	<1.0	2.4	175.4	0.33	0.18	12.6	0.092
28399	Core	112	30.4	287.6	<0.002	1.548	5.99	22.5	<1.0	3.8	135.9	0.50	<0.05	14.9	0.133
28400	Core	149	22.0	106.9	<0.002	0.414	1.47	9.0	<1.0	1.7	41.5	0.19	<0.05	11.6	0.053
28401	Core	742	47.8	35.2	0.003	0.398	2.18	6.1	<1.0	2.4	143.5	1.06	<0.05	7.6	0.199
28402	Core	99	130.4	67.5	0.002	0.993	2.41	5.0	<1.0	4.7	24.6	0.24	<0.05	9.0	0.054
28403	Core	150	275.4	23.5	0.002	0.318	1.68	2.1	<1.0	3.1	12.1	0.13	<0.05	7.7	0.025

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.
Vol 8-161
Buchanan et al., 2011

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28357	Core	1.26	4.2	155	6.8	10.5	127	92.9
28358	Core	0.26	1.4	41	5.8	4.1	141	53.6
28359	Core	0.12	1.0	21	2.0	2.6	130	34.1
28360	Core	0.21	1.1	29	2.3	3.4	129	39.6
28361	Core	0.18	1.0	28	2.4	3.1	66	35.4
28362	Core	0.15	1.0	26	3.9	2.7	70	37.2
28363	Core	0.33	1.9	50	2.1	4.9	45	56.9
28364	Core	0.15	1.1	29	2.9	3.6	63	44.2
28365	Core	0.12	1.2	23	1.7	3.0	33	38.7
28366	Core	0.91	3.8	122	2.5	7.6	114	109.0
28367	Core	0.19	1.5	31	2.6	3.5	62	42.2
28368	Core	0.15	1.3	32	0.4	3.5	40	44.9
28369	Core	0.18	1.3	33	0.4	2.7	35	37.4
28370	Core	0.13	1.3	30	0.5	4.2	24	45.3
28371	Core	0.17	1.4	38	0.4	4.0	36	45.5
28372	Core	0.11	1.1	30	0.4	2.8	32	34.6
28373	Core	1.12	4.6	164	0.8	8.0	138	91.2
28374	Core	1.08	4.2	156	0.8	6.9	143	80.9
28375	Core	1.10	4.6	156	0.7	8.5	132	95.2
28376	Core	0.90	4.0	149	1.2	8.2	128	104.7
28377	Core	0.09	0.8	27	0.8	4.2	39	30.8
28378	Core	0.10	1.0	28	0.9	4.6	44	37.0
28379	Core	0.28	1.7	50	18.7	3.9	39	51.5
28380	Core	0.13	1.1	27	1.0	2.7	34	32.5
28381	Core	0.55	2.8	100	1.2	7.3	111	79.2
28382	Core	0.94	3.5	129	14.2	7.2	96	90.2
28383	Reject	0.96	3.4	134	1.6	7.8	87	85.6
28384	Core	<0.02	0.4	313	0.1	0.8	23	1.2
28385	Core	0.23	1.5	58	0.7	3.4	73	35.5
28386	Core	0.96	4.4	147	1.7	7.5	127	96.7
28387	Core	0.28	1.7	51	0.8	4.9	42	41.5
28388	Core	0.82	3.8	128	4.4	7.5	98	86.3
28389	Core	1.10	4.7	164	1.9	6.9	118	89.1
28390	Core	0.31	1.8	65	0.6	5.0	62	51.7
28391	Core	0.79	3.8	137	1.5	6.8	122	81.1
28392	Core	0.83	4.1	148	1.4	6.7	136	84.3
28393	Core	0.77	2.8	104	1.5	4.5	109	56.9
28394	Core	1.10	3.8	153	1.4	5.3	127	83.1
28395	Core	1.14	3.9	146	4.0	5.6	116	85.3
28396	Core	0.20	0.9	44	1.1	3.0	78	26.1

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11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28397	Core	1.05	3.3	139	5.3	6.0	110	73.4
28398	Core	1.09	3.4	129	5.7	5.5	113	71.2
28399	Core	1.54	3.7	195	8.4	5.5	129	88.6
28400	Core	0.60	2.0	83	3.2	4.0	73	50.9
28401	Core	0.22	3.6	59	36.0	6.8	85	56.8
28402	Core	0.37	1.5	51	4.1	3.7	235	57.0
28403	Core	0.11	1.2	23	1.3	3.2	354	41.3

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11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28357	Core		0.26	>10	3624.9	900	5.27	0.36	0.46	0.09	25.20	19.9	140	10.31	51.6
28357 Dup			0.19	>10	3615.7	932	4.25	0.33	0.47	0.09	25.57	19.4	141	10.47	48.8
QCV1109-01109-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.73												984.4
28375	Core		0.05	>10	18.5	754	3.44	0.38	0.13	0.06	73.32	17.1	112	7.31	56.9
28375 Dup			0.07	>10	17.6	741	3.38	0.38	0.15	0.06	75.84	15.9	116	7.30	57.7
QCV1109-01109-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.40		7.7	399	2.53	8.12		0.23	85.17	22.2		6.67	>10000
28393	Core		0.08	7.56	34.2	617	2.54	0.39	0.73	0.32	31.47	15.4	195	9.66	44.8
28393 Dup			0.09	7.64	36.0	632	2.62	0.40	0.75	0.31	28.33	15.5	193	9.92	45.6
QCV1109-01109-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-01109-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.35		9.3	391	2.30	8.14		0.20	86.76	23.1		6.78	>10000
28357	Core	0.909													
28357 Dup		0.958													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.825													
28375	Core	<0.005													
28375 Dup		0.006													
QCV1109-01111-0004-BLK		<0.005													
28393	Core	0.007													
28393 Dup		0.007													
QCV1109-01111-0006-BLK		0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.818													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28357	Core	5.32	32.17	1.53	3.7	0.09	3.80	13.3	46.9	0.83	764	0.67	0.22	2.9	44.3
28357 Dup		5.52	31.37	1.44	3.6	0.09	3.81	13.6	48.3	0.83	799	0.61	0.22	3.3	43.5
QCV1109-01109-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28375	Core	5.12	27.42	1.38	3.6	0.08	3.23	38.9	71.6	1.18	325	0.42	0.24	3.4	44.3
28375 Dup		5.53	27.00	1.34	3.5	0.07	3.55	40.8	68.6	1.18	345	0.41	0.27	3.3	44.4
QCV1109-01109-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.53		4.0	1.15		41.3	26.1			0.86		14.5	40.5
28393	Core	3.88	18.00	1.59	2.0	0.05	2.26	16.6	56.8	0.82	504	1.80	0.33	2.6	34.7
28393 Dup		3.94	18.86	1.68	2.0	0.06	2.29	14.7	58.1	0.82	520	1.85	0.33	2.4	36.0
QCV1109-01109-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-01109-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.76		4.0	1.12		42.4	25.2			0.90		14.7	43.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28357	Core	359	30.7	256.9	<0.002	0.723	4.92	19.2	<1.0	3.1	106.5	0.47	0.18	17.6	0.091
28357 Dup		387	28.3	247.1	0.002	0.736	5.06	19.8	<1.0	3.1	107.8	0.57	0.24	17.5	0.103
QCV1109-01109-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28375	Core	386	24.4	201.9	<0.002	0.115	1.03	18.5	<1.0	2.5	94.6	0.54	0.10	21.1	0.117
28375 Dup		415	22.7	201.5	<0.002	0.112	0.99	18.6	<1.0	2.4	92.2	0.50	0.07	20.3	0.118
QCV1109-01109-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.9	193.6	0.004	1.213	2.51	13.5	13.1	21.5	34.0	1.40	<0.05	17.4	
28393	Core	138	40.4	149.0	0.003	2.233	6.20	13.2	<1.0	2.0	196.9	0.32	0.16	10.2	0.076
28393 Dup		141	43.3	150.6	0.004	2.256	6.54	13.6	1.1	2.1	198.3	0.29	0.11	10.2	0.072
QCV1109-01109-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-01109-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.7	189.8	0.003	1.332	2.54	13.5	13.7	21.3	33.9	1.41	<0.05	17.6	

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11-360-06896-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28357	Core	1.26	4.2	155	6.8	10.5	127	92.9
28357 Dup		1.22	4.2	160	7.0	8.5	134	96.4
QCV1109-01109-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28375	Core	1.10	4.6	156	0.7	8.5	132	95.2
28375 Dup		0.96	4.3	172	0.6	8.4	139	95.4
QCV1109-01109-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.87	3.1			25.1	177	114.9
28393	Core	0.77	2.8	104	1.5	4.5	109	56.9
28393 Dup		0.80	2.8	107	1.3	4.5	105	59.3
QCV1109-01109-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-01109-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	3.2			25.5	192	116.7

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11-360-06904-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
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Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Rock 5**
Description: **3 ACE**

Date Received: 09/08/2011
Date Completed: 09/27/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Canada

Certificate of Analysis

11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20865	Rock		0.039	0.33	2.12	4.0	78	0.32	0.17	0.04	<0.02	17.55	4.8	161	0.64
20866	Rock		0.018	0.91	2.05	6.9	75	0.41	0.21	0.01	<0.02	19.02	1.3	178	1.08
20867	Rock		0.010	0.11	1.27	19.5	63	0.18	0.20	0.01	<0.02	14.37	1.5	185	0.60
20868	Rock		0.089	0.42	1.99	25.7	120	0.51	0.35	0.02	<0.02	13.46	1.4	144	1.81
20869	Rock		0.011	0.15	1.17	18.6	53	0.26	0.26	0.01	<0.02	16.09	0.6	217	0.76
20870	Rock		0.021	0.11	2.17	8.7	77	0.49	0.30	0.01	<0.02	22.75	1.1	159	1.10
20871	Rock		0.059	0.36	1.04	30.3	70	0.36	0.20	0.01	<0.02	7.06	1.1	178	1.99
20872	Rock		0.051	0.14	3.69	20.9	234	0.80	0.98	0.01	<0.02	41.89	1.4	152	2.68
20873	Rock		0.108	0.29	1.39	20.4	100	0.49	1.83	0.01	<0.02	14.41	1.3	172	1.19
20874	Rock		0.017	0.08	0.45	4.2	13	0.06	0.23	<0.01	<0.02	4.93	1.0	148	0.33
20875	Rock		0.023	0.06	2.05	3.9	70	0.32	0.41	0.01	<0.02	23.52	0.7	235	0.90
20876	Rock		0.028	0.11	2.34	16.6	72	0.44	0.34	0.01	<0.02	25.65	1.5	186	1.09
20877	Rock		0.064	0.18	0.59	13.4	34	0.16	0.67	0.02	<0.02	11.78	1.7	174	0.58
20878	Rock		0.026	0.12	2.55	34.9	60	0.43	0.77	0.02	<0.02	19.84	3.7	179	0.91
20879	Rock		0.054	0.32	2.17	17.6	58	0.50	0.78	0.01	<0.02	22.91	1.5	166	2.18
20880	Rock		0.061	0.96	2.03	155.6	124	0.42	2.94	0.02	0.03	16.50	0.8	102	1.43
21115	Rock		0.013	0.10	0.85	6.7	25	0.12	0.37	0.05	<0.02	6.57	3.2	206	0.32
21116	Rock		<0.005	0.34	2.04	18.5	125	0.29	0.78	0.01	0.09	21.97	0.6	162	1.19
21117	Rock		0.010	0.12	2.42	18.2	73	0.54	0.63	0.04	<0.02	26.92	16.2	136	1.14
21118	Rock		0.006	0.08	2.14	193.8	45	0.38	0.25	0.01	<0.02	20.26	0.9	192	0.88
21119	Rock		7.229	1.68	0.10	>10000	14	<0.05	1115.85	0.02	0.04	5.24	2.1	178	0.33
21120	Rock	17.927	>10	6.37	0.29	>10000	31	0.10	575.13	0.01	0.05	4.63	2.8	53	0.46
21121	Rock		0.042	0.44	3.24	542.6	45	0.53	5.37	0.03	0.10	32.30	22.6	142	0.62
21122	Rock		0.040	0.15	2.10	179.6	96	0.33	0.77	0.01	<0.02	18.60	2.2	152	1.42
21123	Rock		0.008	0.11	1.52	50.9	99	0.34	1.46	0.01	<0.02	19.28	0.8	121	0.85
21124	Rock		0.020	0.43	1.90	54.3	93	0.41	0.58	<0.01	<0.02	20.37	0.6	160	2.01
21125	Rock		0.014	0.10	2.11	50.6	118	0.45	0.55	0.01	<0.02	30.78	1.1	140	1.13
21126	Rock		0.015	0.09	1.53	20.6	79	0.45	0.24	0.05	0.04	17.36	7.7	173	0.64
21127	Rock		0.008	0.08	2.83	36.2	154	0.60	0.34	0.01	<0.02	34.22	1.9	143	1.58
21128	Rock		0.033	0.54	0.93	71.4	36	0.19	2.85	<0.01	<0.02	12.97	1.1	187	0.66
21129	Rock		0.628	0.26	0.67	3340.5	18	0.20	3.12	0.02	0.05	8.58	2.4	258	0.28
21130	Rock		<0.005	0.07	1.97	54.0	69	0.38	0.22	0.01	<0.02	26.82	1.0	153	1.44
20723	Rock		0.099	0.13	2.38	>10000	178	0.32	11.49	0.02	<0.02	63.00	32.2	219	1.13
20724	Rock		<0.005	0.17	0.49	42.6	32	0.13	0.22	0.08	0.10	4.69	2.4	138	0.37
20725	Rock		0.008	0.34	1.19	55.5	46	0.27	2.73	0.11	<0.02	8.93	5.1	260	0.40
20726	Rock		<0.005	0.14	0.31	10.8	16	0.07	0.30	0.04	<0.02	3.77	3.0	186	0.16
20727	Rock		0.005	0.17	0.66	10.4	35	0.22	0.17	0.05	<0.02	5.29	2.3	186	0.29
20728	Rock		<0.005	0.10	2.59	36.8	76	0.30	0.14	0.02	<0.02	28.76	1.7	204	1.24
20729	Rock		0.658	0.50	1.27	8310.2	78	0.22	29.34	<0.01	0.04	13.65	3.5	210	1.37
20730	Rock		0.026	0.55	8.60	900.1	436	2.09	6.55	0.27	0.05	77.26	57.8	140	4.63

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20731	Rock		<0.005	0.12	1.76	38.4	43	0.34	0.32	0.02	<0.02	24.17	1.1	223	0.59
20732	Rock		5.917	2.75	0.21	>10000	14	<0.05	303.64	<0.01	<0.02	4.22	6.3	65	0.30
20733	Rock		1.499	0.49	1.28	>10000	72	0.19	42.68	0.01	<0.02	5.09	1.1	187	0.82
20734	Rock		7.005	1.33	1.01	>10000	72	0.14	116.83	0.01	0.02	3.38	5.3	158	1.02
20735	Rock		0.039	0.12	2.29	434.4	93	0.55	0.86	0.01	<0.02	20.35	1.0	196	0.68
20736	Rock		0.418	0.68	1.54	263.9	79	0.47	0.68	0.02	<0.02	9.00	0.8	165	1.82
20737	Rock		0.026	0.10	0.36	89.2	10	0.15	0.46	0.01	<0.02	5.61	0.5	150	0.22
20738	Rock		1.013	0.41	1.66	3658.3	164	0.51	8.98	0.01	0.05	16.00	0.6	170	1.08

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20865	Rock	9.4	3.03	3.74	0.95	8.2	<0.01	0.14	7.7	15.6	0.02	34	0.54	0.01	3.8
20866	Rock	5.2	0.59	4.08	1.29	3.1	<0.01	0.30	8.6	9.4	0.03	17	0.46	0.01	1.4
20867	Rock	5.3	0.84	2.53	1.02	1.3	<0.01	0.25	5.9	4.3	0.02	21	0.45	<0.01	0.7
20868	Rock	7.1	1.78	4.76	1.39	2.0	<0.01	0.40	6.1	20.9	0.04	19	0.36	0.02	1.3
20869	Rock	7.1	0.73	2.62	1.18	1.1	<0.01	0.22	7.3	8.5	0.02	20	0.54	0.01	0.7
20870	Rock	6.7	0.52	4.52	1.05	2.3	<0.01	0.37	10.5	10.7	0.04	20	0.32	<0.01	2.0
20871	Rock	5.0	1.08	2.13	1.46	0.6	<0.01	0.11	3.3	30.7	0.02	18	0.46	0.01	0.4
20872	Rock	10.2	1.48	9.64	1.41	3.7	0.02	1.08	18.5	13.7	0.11	22	0.40	0.04	2.1
20873	Rock	7.2	1.64	3.38	1.34	1.6	<0.01	0.38	6.9	16.6	0.03	18	0.48	0.02	0.9
20874	Rock	4.8	0.65	0.80	1.29	0.2	<0.01	0.04	2.4	2.6	<0.01	21	0.44	<0.01	0.3
20875	Rock	5.8	0.80	4.30	1.17	2.1	<0.01	0.35	10.3	8.0	0.04	21	0.49	<0.01	1.2
20876	Rock	8.7	0.68	4.33	1.31	3.1	<0.01	0.21	11.4	12.5	0.02	16	0.39	<0.01	1.3
20877	Rock	12.8	1.38	1.71	1.28	0.7	<0.01	0.09	5.2	5.9	0.01	24	0.41	<0.01	0.8
20878	Rock	37.2	2.12	4.54	0.95	2.3	0.01	0.34	8.5	10.0	0.03	77	0.46	0.02	1.3
20879	Rock	10.0	1.60	4.06	1.11	1.7	<0.01	0.38	9.9	15.1	0.03	17	0.36	0.02	1.7
20880	Rock	4.9	0.48	3.77	0.84	1.5	0.04	0.55	7.4	6.3	0.04	17	0.32	0.02	0.9
21115	Rock	53.3	1.80	2.07	1.15	0.4	<0.01	0.09	3.6	20.2	0.29	193	0.55	0.05	0.7
21116	Rock	18.9	0.70	3.95	0.91	1.6	0.02	0.41	9.2	12.9	0.04	18	0.36	0.02	1.0
21117	Rock	13.0	1.25	5.07	0.84	2.0	0.01	0.37	12.1	14.6	0.02	117	0.90	0.04	1.3
21118	Rock	13.1	0.89	3.86	0.92	1.7	0.01	0.29	8.9	9.1	0.02	21	0.41	0.02	1.0
21119	Rock	13.7	4.78	0.30	2.33	<0.1	0.03	0.04	2.7	5.4	<0.01	15	0.49	<0.01	0.1
21120	Rock	40.0	>10	1.11	3.89	0.1	0.13	0.11	2.4	6.8	<0.01	14	0.41	<0.01	0.3
21121	Rock	45.5	6.31	9.29	1.61	3.0	0.02	0.19	16.1	88.6	1.47	1333	0.66	0.02	1.6
21122	Rock	17.3	1.65	3.97	1.17	1.6	<0.01	0.34	8.9	31.1	0.03	29	0.65	0.02	1.6
21123	Rock	8.6	0.43	2.95	1.05	1.0	<0.01	0.42	8.7	5.7	0.03	22	0.41	0.02	0.7
21124	Rock	7.8	0.69	4.40	1.08	1.3	<0.01	0.40	9.2	21.9	0.04	17	0.52	0.01	0.9
21125	Rock	6.8	1.00	4.83	1.05	2.1	<0.01	0.46	14.1	8.3	0.05	21	0.37	0.01	1.4
21126	Rock	6.3	1.78	2.64	0.87	0.8	<0.01	0.32	7.7	12.7	0.06	263	0.49	0.01	0.9
21127	Rock	8.1	0.59	6.76	1.01	2.2	<0.01	0.62	14.8	13.8	0.06	18	0.34	0.03	1.2
21128	Rock	6.6	0.45	1.79	1.37	0.9	<0.01	0.12	5.8	4.6	0.01	21	0.53	<0.01	0.6
21129	Rock	15.4	1.46	1.90	1.37	0.4	<0.01	<0.01	3.9	1.6	0.12	30	0.60	0.05	0.3
21130	Rock	8.8	0.52	4.45	1.14	1.5	<0.01	0.33	11.7	6.5	0.07	20	0.38	0.03	0.9
20723	Rock	33.5	3.10	6.63	1.74	2.4	0.03	0.94	29.2	6.5	0.10	25	0.58	0.03	1.1
20724	Rock	396.0	0.52	1.12	1.05	0.1	0.03	0.12	2.5	6.6	0.08	68	0.40	0.03	0.3
20725	Rock	48.2	2.06	2.99	1.37	8.1	<0.01	0.15	4.8	26.2	0.34	224	0.58	0.08	1.0
20726	Rock	42.6	0.79	0.74	1.02	0.2	<0.01	0.05	2.0	6.2	0.06	56	0.41	0.03	0.2
20727	Rock	17.7	0.90	1.46	1.11	0.5	<0.01	0.12	2.7	11.0	0.14	84	0.64	0.10	0.3
20728	Rock	9.2	0.94	4.75	1.12	3.2	0.02	0.55	13.0	11.1	0.04	62	0.40	0.03	1.4
20729	Rock	17.4	1.31	3.34	1.82	1.3	0.01	0.48	6.4	4.3	0.04	21	0.50	0.02	0.6
20730	Rock	35.6	9.13	18.10	2.73	4.2	0.06	1.88	36.6	97.0	1.75	988	0.38	0.10	11.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20731	Rock	5.4	0.49	3.03	0.81	1.9	<0.01	0.23	10.6	6.4	0.02	25	0.57	0.01	0.9
20732	Rock	29.4	>10	0.60	3.73	0.1	0.10	0.06	2.1	2.0	<0.01	7	0.53	<0.01	0.2
20733	Rock	17.5	1.77	3.35	1.83	0.7	0.02	0.34	2.2	2.9	0.13	28	0.37	0.05	0.5
20734	Rock	36.5	6.26	2.61	2.32	0.8	0.06	0.38	1.6	3.4	0.04	18	0.45	0.02	0.4
20735	Rock	4.7	0.72	4.07	0.90	1.5	<0.01	0.36	9.0	11.5	0.03	22	0.49	0.01	1.3
20736	Rock	12.4	2.55	3.33	1.60	0.9	<0.01	0.24	4.1	23.9	0.03	20	0.37	0.03	0.6
20737	Rock	3.6	0.42	0.82	1.36	0.2	<0.01	0.03	2.6	1.8	0.03	22	0.53	0.02	0.2
20738	Rock	16.8	1.35	4.80	1.61	1.1	<0.01	0.67	7.7	5.0	0.06	26	0.42	0.02	1.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20865	Rock	12.7	398	13.2	8.3	<0.002	3.108	2.92	3.4	1.0	0.9	152.1	0.90	<0.05	11.1
20866	Rock	3.9	69	2.5	18.2	<0.002	0.402	1.38	1.9	<1.0	0.9	43.3	0.34	<0.05	5.9
20867	Rock	4.2	72	3.7	13.3	<0.002	0.566	1.37	1.4	1.3	0.5	84.1	0.15	<0.05	3.3
20868	Rock	3.5	48	5.3	20.2	<0.002	1.309	39.04	1.9	2.4	0.8	21.3	0.26	<0.05	3.7
20869	Rock	3.5	54	3.8	13.2	<0.002	0.196	2.29	1.0	2.8	0.7	36.6	0.12	<0.05	3.2
20870	Rock	3.1	54	5.4	26.1	<0.002	0.253	0.78	2.4	1.8	0.9	26.8	0.28	<0.05	6.8
20871	Rock	4.3	26	3.5	7.1	<0.002	0.913	25.55	0.7	5.4	0.5	23.0	0.05	<0.05	2.0
20872	Rock	5.9	101	6.2	63.5	<0.002	0.874	10.13	5.5	2.6	4.5	88.3	0.30	<0.05	8.7
20873	Rock	3.8	58	6.0	19.7	<0.002	1.229	23.49	1.3	<1.0	0.8	49.2	0.15	<0.05	3.6
20874	Rock	3.5	36	1.5	3.3	<0.002	0.379	3.69	0.3	3.1	0.3	31.6	<0.05	<0.05	0.8
20875	Rock	3.3	107	2.9	23.3	<0.002	0.371	2.67	2.2	3.3	1.6	118.7	0.19	<0.05	6.1
20876	Rock	3.3	66	2.6	12.8	<0.002	0.371	0.87	1.9	2.3	0.6	53.4	0.21	<0.05	10.1
20877	Rock	3.8	76	2.9	6.3	<0.002	0.668	4.89	0.8	3.3	0.6	49.1	0.07	0.05	2.3
20878	Rock	8.9	80	3.6	17.7	<0.002	1.006	0.76	3.2	2.1	2.0	13.0	0.24	<0.05	7.9
20879	Rock	3.7	59	34.6	25.1	<0.002	1.074	10.83	2.0	2.3	2.2	36.7	0.22	<0.05	4.6
20880	Rock	3.9	139	122.3	29.9	<0.002	0.158	1.50	1.8	1.5	1.1	27.3	0.13	<0.05	5.2
21115	Rock	7.3	185	3.9	5.8	<0.002	0.478	0.68	2.8	1.7	0.3	9.7	0.07	<0.05	1.7
21116	Rock	3.0	70	43.9	26.2	<0.002	0.095	0.88	1.9	1.5	2.8	37.8	0.16	<0.05	6.3
21117	Rock	12.4	113	8.9	19.8	<0.002	0.410	1.25	3.0	1.1	0.5	21.9	0.18	0.17	6.4
21118	Rock	4.3	100	3.1	15.9	<0.002	0.215	1.11	1.9	2.5	2.2	16.9	0.15	<0.05	7.7
21119	Rock	2.6	164	150.6	1.9	<0.002	0.860	42.33	0.3	4.8	0.4	10.6	<0.05	1.01	2.0
21120	Rock	1.0	261	150.1	5.1	<0.002	2.293	122.68	1.4	9.7	0.8	8.7	<0.05	1.52	6.1
21121	Rock	41.0	113	131.4	10.0	<0.002	0.561	2.35	3.5	<1.0	0.7	5.9	0.18	0.11	13.2
21122	Rock	6.7	117	16.2	19.8	<0.002	0.828	2.41	0.8	2.3	0.6	69.2	0.21	<0.05	4.8
21123	Rock	3.5	39	6.6	22.0	<0.002	0.133	0.79	0.9	2.3	1.1	25.5	0.12	<0.05	3.0
21124	Rock	4.1	59	5.0	26.4	<0.002	0.113	1.21	1.8	1.9	0.7	30.2	0.11	<0.05	5.0
21125	Rock	5.2	84	3.8	27.3	<0.002	0.638	2.08	2.1	2.5	0.7	85.9	0.17	<0.05	7.3
21126	Rock	16.5	200	12.1	16.9	<0.002	0.656	0.53	2.4	<1.0	0.5	69.3	0.11	<0.05	3.9
21127	Rock	5.1	50	3.0	38.5	<0.002	0.356	0.90	2.9	1.8	1.1	39.2	0.16	<0.05	5.6
21128	Rock	3.4	34	4.8	7.5	<0.002	0.102	1.25	0.8	2.1	0.4	28.7	0.07	<0.05	3.5
21129	Rock	5.3	49	4.2	0.6	<0.002	0.156	7.04	0.6	2.8	0.5	22.8	<0.05	1.02	2.4
21130	Rock	3.9	76	2.2	21.3	<0.002	0.163	0.84	1.9	2.1	0.8	57.6	0.10	<0.05	9.0
20723	Rock	16.0	162	3.9	50.0	<0.002	1.742	20.86	2.7	1.8	9.7	25.5	0.15	0.65	13.5
20724	Rock	5.8	237	11.1	6.8	<0.002	0.046	0.15	0.7	<1.0	0.4	10.0	<0.05	<0.05	0.7
20725	Rock	11.4	78	17.1	9.4	<0.002	0.484	0.51	3.0	<1.0	0.4	17.8	0.18	0.19	3.8
20726	Rock	5.1	59	2.8	3.0	<0.002	0.304	0.27	0.9	<1.0	0.3	6.4	<0.05	<0.05	0.6
20727	Rock	6.9	176	3.2	6.6	<0.002	0.044	0.43	0.9	<1.0	0.4	13.8	<0.05	<0.05	1.0
20728	Rock	5.5	81	2.5	27.8	<0.002	<0.01	1.09	1.9	<1.0	6.7	15.9	0.30	<0.05	5.1
20729	Rock	3.1	35	19.5	28.0	<0.002	0.582	9.16	2.0	1.1	4.8	17.0	0.11	0.22	3.1
20730	Rock	69.8	1296	132.6	104.9	0.004	3.404	9.52	12.2	1.3	2.2	42.1	1.43	1.66	14.5

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Certificate of Analysis

11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20731	Rock	4.5	108	3.4	10.4	<0.002	0.033	0.91	1.3	<1.0	0.6	9.0	0.16	<0.05	7.8
20732	Rock	1.3	47	47.1	3.4	<0.002	6.727	164.05	0.5	7.1	1.1	2.9	<0.05	2.60	1.4
20733	Rock	2.9	65	26.4	20.0	<0.002	0.105	12.36	1.9	<1.0	6.0	11.9	0.07	1.09	1.8
20734	Rock	2.6	74	77.3	20.7	<0.002	0.738	68.80	2.2	4.3	7.1	7.4	<0.05	5.27	1.9
20735	Rock	4.7	35	4.2	17.3	<0.002	0.390	1.96	2.0	<1.0	0.6	22.5	0.17	<0.05	4.9
20736	Rock	3.5	54	6.7	13.0	<0.002	0.556	217.81	1.1	2.6	1.0	24.3	0.08	<0.05	2.9
20737	Rock	3.6	20	3.0	1.8	<0.002	0.015	1.88	0.3	<1.0	0.5	7.8	<0.05	<0.05	0.7
20738	Rock	3.3	43	13.4	38.6	<0.002	0.046	6.12	2.4	<1.0	2.7	33.6	0.11	0.23	4.3

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Certificate of Analysis

11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20865	Rock	0.040	0.19	1.2	18	3.9	3.3	17	35.8
20866	Rock	0.022	0.14	1.0	23	1.3	2.4	9	37.4
20867	Rock	0.011	0.13	0.5	11	0.8	1.5	10	13.4
20868	Rock	0.031	0.29	0.6	21	1.5	1.8	11	27.6
20869	Rock	0.017	0.09	0.6	12	0.7	1.5	10	20.5
20870	Rock	0.052	0.18	1.0	23	1.2	2.9	8	39.0
20871	Rock	0.008	0.11	0.3	8	0.7	0.9	9	10.8
20872	Rock	0.063	0.51	1.7	51	3.2	5.6	12	76.5
20873	Rock	0.022	0.31	0.8	14	1.3	2.2	11	28.8
20874	Rock	0.005	<0.02	0.2	4	0.5	0.7	9	5.3
20875	Rock	0.027	0.20	1.0	24	1.2	2.8	9	42.8
20876	Rock	0.027	0.09	1.4	22	1.7	3.4	8	50.7
20877	Rock	0.026	0.09	0.4	9	1.4	2.8	11	18.3
20878	Rock	0.028	0.07	1.1	28	0.9	2.8	20	40.5
20879	Rock	0.038	0.28	0.9	24	1.4	2.6	11	33.8
20880	Rock	0.024	0.15	1.1	18	0.9	2.6	13	30.1
21115	Rock	0.020	<0.02	0.5	17	0.2	1.1	23	10.0
21116	Rock	0.024	0.15	0.8	18	0.9	2.1	37	30.8
21117	Rock	0.034	0.19	1.0	25	0.6	3.5	23	43.3
21118	Rock	0.021	0.06	1.1	17	0.7	2.5	12	33.8
21119	Rock	<0.005	<0.02	0.2	<1	0.4	0.2	17	0.9
21120	Rock	<0.005	0.04	0.3	2	0.3	0.3	43	3.2
21121	Rock	0.041	0.03	1.4	64	0.2	5.4	110	68.1
21122	Rock	0.041	0.25	0.9	17	1.2	2.3	14	28.7
21123	Rock	0.019	0.24	0.6	13	0.5	1.5	9	17.6
21124	Rock	0.026	0.12	0.8	21	1.1	2.1	9	27.0
21125	Rock	0.034	0.23	1.1	23	1.2	3.3	11	47.9
21126	Rock	0.027	0.16	0.7	16	0.6	2.6	29	18.9
21127	Rock	0.037	0.20	1.1	34	1.7	3.8	8	46.2
21128	Rock	0.013	0.05	0.5	8	0.8	1.6	8	22.1
21129	Rock	0.015	0.76	0.4	11	2.2	1.0	14	9.7
21130	Rock	0.026	0.12	1.0	24	2.5	2.7	9	32.6
20723	Rock	0.030	0.17	1.7	25	0.9	5.2	15	54.5
20724	Rock	0.006	<0.02	0.2	8	0.2	1.0	15	3.8
20725	Rock	0.009	0.03	0.2	20	0.1	1.1	32	6.2
20726	Rock	<0.005	<0.02	0.2	5	<0.1	0.5	12	2.1
20727	Rock	0.006	<0.02	0.3	10	0.2	0.8	13	3.7
20728	Rock	0.023	0.11	1.1	23	0.5	2.6	14	30.9
20729	Rock	0.015	0.17	0.5	16	0.6	1.4	10	19.8
20730	Rock	0.206	0.45	2.5	137	1.4	12.0	131	60.5

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20731	Rock	0.017	0.03	1.3	16	0.3	2.8	11	39.8
20732	Rock	<0.005	<0.02	0.3	1	0.3	0.3	38	3.8
20733	Rock	0.016	0.13	0.3	16	0.6	0.9	13	15.2
20734	Rock	0.013	0.13	0.4	13	0.7	0.9	18	19.0
20735	Rock	0.037	0.14	0.8	25	1.3	2.1	9	30.6
20736	Rock	0.014	0.25	0.5	15	1.0	1.2	14	18.3
20737	Rock	0.007	0.04	0.2	5	0.5	0.4	9	3.4
20738	Rock	0.033	1.01	0.7	22	1.2	1.7	11	22.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
20865	Rock			0.33	2.12	4.0	78	0.32	0.17	0.04	<0.02	17.55	4.8	161	0.64
20865 Dup				0.30	2.14	4.1	65	0.35	0.09	0.03	<0.02	17.61	4.7	168	0.61
QCV1109-00875-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.57		10.2	410	2.55	8.53		0.24	77.37	22.4		6.19
21117	Rock			0.12	2.42	18.2	73	0.54	0.63	0.04	<0.02	26.92	16.2	136	1.14
21117 Dup				0.12	2.46	20.2	76	0.54	0.68	0.04	<0.02	19.98	18.0	197	1.18
QCV1109-00875-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.74		10.0	445	2.91	8.37		0.21	89.61	22.5		7.90
20727	Rock			0.17	0.66	10.4	35	0.22	0.17	0.05	<0.02	5.29	2.3	186	0.29
20727 Dup				0.10	0.66	12.3	38	0.14	0.17	0.06	<0.02	4.96	2.3	200	0.28
QCV1109-00875-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
QCV1109-00875-0009-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.61			404	2.55	8.11		0.23	83.89	23.6		6.75
20865	Rock		0.039												
20865 Dup			0.028												
21117	Rock		0.010												
21117 Dup			0.021												
QCV1109-00876-0004-BLK			<0.005												
20727	Rock		0.005												
20727 Dup			<0.005												
QCV1109-00876-0006-BLK			0.007												
STD-OxD87 expected			0.417												
STD-OxD87 result			0.438												
21120	Rock	17.927													
21120 Dup		18.114													

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11-360-06904-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
20865	Rock	9.4	3.03	3.74	0.95	8.2	<0.01	0.14	7.7	15.6	0.02	34	0.54	0.01	3.8
20865 Dup		7.9	3.07	3.61	0.79	4.4	<0.01	0.14	7.6	13.3	0.02	34	0.54	0.01	2.5
QCV1109-00875-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		15.60		5.8	1.18		35.8	25.6			0.84		14.6
21117	Rock	13.0	1.25	5.07	0.84	2.0	0.01	0.37	12.1	14.6	0.02	117	0.90	0.04	1.3
21117 Dup		14.0	1.27	5.19	1.03	1.9	<0.01	0.36	8.8	13.9	0.02	117	0.88	0.04	1.4
QCV1109-00875-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.59		5.6	1.22		43.1	27.6			0.87		15.1
20727	Rock	17.7	0.90	1.46	1.11	0.5	<0.01	0.12	2.7	11.0	0.14	84	0.64	0.10	0.3
20727 Dup		17.2	0.92	1.42	1.22	0.4	<0.01	0.11	2.6	10.1	0.14	85	0.62	0.10	0.3
QCV1109-00875-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
QCV1109-00875-0009-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.32		5.8	1.10		40.2	24.8			0.91		14.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
20865	Rock	12.7	398	13.2	8.3	<0.002	3.108	2.92	3.4	1.0	0.9	152.1	0.90	<0.05	11.1
20865 Dup		11.6	400	12.2	8.2	<0.002	3.094	2.82	1.7	1.2	0.7	149.0	0.57	<0.05	8.8
QCV1109-00875-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		40.2		30.4	186.5	0.005	1.410	2.49	12.5	13.3	22.5	33.5	1.57	0.07	16.6
21117	Rock	12.4	113	8.9	19.8	<0.002	0.410	1.25	3.0	1.1	0.5	21.9	0.18	0.17	6.4
21117 Dup		13.8	106	9.4	19.8	<0.002	0.430	1.37	3.3	2.0	0.6	22.0	0.19	0.17	6.5
QCV1109-00875-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		42.6		30.7	204.5	0.004	1.311	2.55	13.9	13.6	23.2	34.9	1.45	0.06	17.7
20727	Rock	6.9	176	3.2	6.6	<0.002	0.044	0.43	0.9	<1.0	0.4	13.8	<0.05	<0.05	1.0
20727 Dup		7.0	182	2.6	6.3	0.003	0.042	0.42	1.0	<1.0	0.4	13.5	<0.05	<0.05	1.0
QCV1109-00875-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
QCV1109-00875-0009-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		40.2		30.2	192.2	0.005	1.424	2.64	12.7	12.8	22.3	34.0	1.49	<0.05	17.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
20865	Rock	0.040	0.19	1.2	18	3.9	3.3	17	35.8
20865 Dup		0.045	0.20	1.2	18	4.2	3.6	16	36.6
QCV1109-00875-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.89	3.2			22.0	177	123.5
21117	Rock	0.034	0.19	1.0	25	0.6	3.5	23	43.3
21117 Dup		0.033	0.20	1.0	25	0.7	3.5	23	41.4
QCV1109-00875-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.85	3.2			25.1	184	120.4
20727	Rock	0.006	<0.02	0.3	10	0.2	0.8	13	3.7
20727 Dup		0.006	<0.02	0.3	10	0.2	0.9	13	3.5
QCV1109-00875-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-00875-0009-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.85	3.1			24.9	178	116.8

3Ace Property, Northern Tiger Resources Inc.
Vol 8-179
Buchanan et al., 2011

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11-360-06954-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 26**
Client Reference: **Core 26**
Description: **3 ACE**

Date Received: 09/07/2011
Date Completed: 09/13/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	24	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-06954-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32503	Core	0.281	1.39	2.74	6506.1	137	0.57	0.09	0.02	0.58	28.46	2.0	121	3.45	15.0
32504	Core	3.362	14.59	1.26	>10000	73	0.23	0.46	0.01	0.51	8.87	1.9	104	1.08	36.6
32505	Core	2.713	5.77	0.86	>10000	43	0.16	0.08	0.01	0.54	6.80	3.2	96	0.71	33.4
32506	Core	0.049	0.63	1.72	1897.4	82	0.43	0.03	0.01	0.08	27.90	4.4	120	1.37	17.0
32507	Pulp	7.408	0.65	3.10	862.9	155	0.78	0.58	>10	3.70	73.43	6.2	101	6.57	34.2
32508	Core	0.043	0.52	1.86	1633.7	90	0.44	0.02	0.01	0.07	34.83	11.2	131	1.49	12.3
32509	Core	0.040	0.58	1.96	875.6	102	0.48	0.05	<0.01	0.07	36.86	1.4	132	1.63	8.5
32510	Core	0.042	0.48	1.85	1612.5	104	0.28	0.02	<0.01	0.09	26.53	2.2	115	1.73	11.7
32511	Core	0.037	0.61	2.10	2036.7	132	0.52	0.04	0.01	0.17	40.65	2.1	123	1.71	10.8
32512	Core	0.075	0.46	1.72	2375.3	98	0.47	0.06	<0.01	0.15	52.04	2.9	123	1.66	12.3
32513	Core	0.050	0.40	1.90	1702.9	98	0.48	0.03	0.01	0.11	61.82	4.2	116	1.53	9.0
32514	Core	0.061	0.31	2.02	1183.0	116	0.48	0.04	<0.01	0.12	30.87	1.0	85	2.07	6.7
32515	Core	0.047	0.45	1.99	1864.5	114	0.47	0.03	<0.01	0.11	46.53	3.9	128	1.86	14.0
32516	Core	0.038	0.63	2.24	1395.8	142	0.74	0.04	<0.01	0.10	50.99	1.1	122	2.12	5.4
32517	Reject	0.027	0.87	1.88	1574.2	120	0.42	0.04	<0.01	0.10	48.57	0.8	149	1.32	6.8
32518	Reject	0.043	2.24	2.01	2162.0	145	0.52	0.05	<0.01	0.18	47.75	1.3	153	1.42	7.1
32519	Core	<0.005	0.23	0.06	32.7	39	0.07	0.02	>10	0.07	4.13	1.0	7	0.45	2.2
32520	Core	0.324	3.04	1.81	4633.0	274	0.46	0.12	0.02	0.13	23.83	2.4	203	1.19	16.3
32521	Core	0.378	17.24	1.87	5492.5	116	0.39	0.10	0.01	0.60	54.06	0.8	106	1.34	14.8
32522	Core	0.067	4.65	1.98	1789.0	120	0.41	0.04	0.01	0.52	53.21	1.8	130	1.55	10.8
32523	Core	0.068	2.41	1.64	2149.2	98	0.42	0.03	0.02	0.56	28.18	1.5	133	1.38	9.8
32524	Core	0.035	1.49	2.14	2044.3	130	0.52	0.04	0.02	0.38	35.53	1.6	147	1.59	16.7
32525	Core	0.035	0.83	1.95	1220.8	108	0.57	0.06	<0.01	0.28	51.59	0.8	140	1.33	7.8
32526	Core	0.034	3.01	1.86	2712.4	112	0.47	0.04	<0.01	0.42	40.42	0.7	134	1.53	6.4
32527	Core	0.023	0.76	2.16	484.2	126	0.52	0.04	0.01	0.27	63.89	1.2	154	1.70	13.9
32528	Core	0.025	0.48	2.04	386.3	111	0.46	0.04	0.01	0.17	21.83	1.2	146	1.45	13.2
32529	Core	0.028	0.22	1.91	400.7	92	0.42	0.07	<0.01	0.30	40.31	0.9	136	1.38	6.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32503	Core	1.51	6.33	1.99	3.1	0.15	1.02	9.2	10.1	0.10	37	0.43	0.04	2.5	3.0
32504	Core	3.96	3.36	2.17	1.2	0.32	0.52	3.7	5.8	0.05	23	0.32	0.02	0.9	2.1
32505	Core	3.93	2.38	2.24	0.8	0.33	0.28	3.3	9.3	0.05	25	0.32	0.02	0.9	1.3
32506	Core	0.53	3.85	1.42	1.4	0.03	0.58	9.1	8.9	0.05	18	0.45	0.02	1.1	1.9
32507	Pulp	1.32	6.07	0.40	2.4	0.05	1.23	19.4	7.5	0.79	284	10.56	<0.01	7.7	56.9
32508	Core	0.53	4.16	1.39	1.4	0.03	0.61	7.9	9.9	0.04	19	0.31	0.02	1.5	2.2
32509	Core	0.37	4.53	1.36	1.5	0.03	0.74	8.5	8.5	0.06	19	0.29	0.03	1.3	1.8
32510	Core	0.45	4.27	1.55	1.4	0.05	0.81	10.7	5.8	0.07	22	0.52	0.03	1.2	2.0
32511	Core	0.50	5.06	1.43	1.4	0.09	0.89	9.0	7.7	0.07	22	0.27	0.03	1.2	2.0
32512	Core	0.51	4.22	1.44	1.2	0.09	0.65	8.5	12.1	0.05	18	0.31	0.03	0.9	2.0
32513	Core	0.48	4.77	1.44	1.5	0.05	0.65	10.8	19.5	0.05	19	0.29	0.03	1.3	2.1
32514	Core	0.43	4.65	1.49	1.6	0.05	0.76	12.1	10.7	0.06	23	0.42	0.03	1.4	2.2
32515	Core	0.55	4.69	1.35	1.5	0.07	0.74	10.4	17.5	0.06	20	0.33	0.03	1.2	5.8
32516	Core	0.41	5.71	1.43	1.8	0.10	0.86	12.9	10.0	0.07	21	0.30	0.03	1.9	2.5
32517	Reject	0.51	4.53	1.09	1.6	0.11	0.69	10.9	5.1	0.06	24	0.53	0.03	1.2	2.7
32518	Reject	0.53	4.71	1.14	1.6	0.12	0.79	10.1	5.7	0.06	24	0.35	0.03	1.3	2.7
32519	Core	0.47	0.28	<0.05	0.7	<0.01	0.02	0.7	1.1	>10	227	0.05	<0.01	1.2	<0.2
32520	Core	0.77	4.29	1.37	1.8	0.11	0.58	11.2	6.0	0.10	32	0.81	0.04	1.4	3.2
32521	Core	1.02	4.46	1.19	1.6	0.55	0.76	8.9	5.0	0.06	23	0.29	0.03	1.0	2.2
32522	Core	0.59	4.67	1.10	1.7	0.09	0.78	12.3	6.0	0.06	22	0.47	0.03	1.2	2.5
32523	Core	0.53	3.84	1.23	1.3	0.11	0.67	10.8	4.8	0.05	23	0.30	0.03	1.1	2.3
32524	Core	0.65	5.39	1.15	1.5	0.09	0.77	11.1	7.0	0.06	19	0.34	0.03	1.1	2.5
32525	Core	0.45	4.53	1.11	1.6	0.09	0.72	12.7	5.4	0.05	20	0.47	0.03	1.1	2.3
32526	Core	0.69	4.66	1.37	1.5	0.14	0.69	12.5	5.7	0.05	19	0.34	0.03	1.2	2.2
32527	Core	0.65	5.16	1.14	1.7	0.05	0.79	12.2	8.8	0.05	21	0.49	0.03	1.3	2.7
32528	Core	0.56	4.73	1.06	1.6	0.03	0.70	10.6	6.0	0.05	18	0.30	0.03	1.1	2.3
32529	Core	0.57	4.65	1.08	1.5	0.02	0.53	11.1	8.1	0.03	17	0.30	0.03	1.0	2.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32503	Core	322	306.6	54.2	<0.002	0.126	8.18	4.0	<1.0	8.3	72.9	0.68	0.11	11.1	0.021
32504	Core	65	1907.7	28.8	<0.002	1.218	67.70	2.8	1.0	<0.2	6.2	0.10	0.15	5.4	0.011
32505	Core	53	129.3	15.7	<0.002	0.373	60.99	2.4	1.1	2.0	6.7	0.07	0.17	3.7	0.010
32506	Core	48	176.3	30.2	<0.002	0.036	5.07	1.7	<1.0	<0.2	16.1	0.13	<0.05	4.3	0.020
32507	Pulp	2996	4.8	99.6	0.036	1.339	17.42	6.0	6.6	<0.2	126.2	0.64	0.46	6.1	0.192
32508	Core	44	130.7	32.5	<0.002	0.036	4.68	1.9	<1.0	<0.2	16.8	0.18	<0.05	4.5	0.017
32509	Core	27	133.6	41.1	<0.002	0.028	2.48	2.0	<1.0	10.7	12.4	0.13	<0.05	3.9	0.018
32510	Core	61	134.5	45.5	<0.002	0.063	2.91	2.1	<1.0	3.2	11.0	0.12	<0.05	4.0	0.022
32511	Core	71	248.4	46.7	<0.002	0.062	3.75	2.5	<1.0	2.9	17.4	0.15	<0.05	4.6	0.026
32512	Core	61	234.9	36.4	<0.002	0.041	3.75	2.1	<1.0	6.8	22.0	0.12	0.05	4.8	0.018
32513	Core	64	217.1	35.5	0.002	0.044	4.02	2.2	<1.0	<0.2	26.6	0.15	<0.05	5.3	0.026
32514	Core	55	159.3	41.5	<0.002	0.044	3.12	2.3	<1.0	<0.2	12.1	0.16	<0.05	4.9	0.030
32515	Core	63	327.9	40.8	<0.002	0.049	4.39	2.4	1.3	<0.2	16.8	0.15	<0.05	5.3	0.023
32516	Core	110	745.8	46.0	<0.002	0.045	4.80	2.9	<1.0	2.5	16.7	0.18	<0.05	5.9	0.030
32517	Reject	81	502.0	36.5	<0.002	0.063	3.79	2.3	<1.0	<0.2	10.2	0.17	<0.05	5.4	0.027
32518	Reject	89	1048.7	40.9	<0.002	0.096	5.60	2.6	<1.0	2.5	13.3	0.15	<0.05	5.5	0.025
32519	Core	119	4.9	1.3	<0.002	0.213	0.08	0.5	<1.0	<0.2	43.3	0.60	0.13	0.8	<0.005
32520	Core	117	192.3	31.1	<0.002	0.082	12.52	2.6	<1.0	0.7	13.9	0.18	<0.05	5.6	0.030
32521	Core	174	6777.6	43.7	<0.002	0.129	25.00	1.8	<1.0	<0.2	31.6	0.15	<0.05	7.3	0.027
32522	Core	99	1168.3	42.5	0.002	0.040	5.13	1.8	<1.0	0.7	23.9	0.15	<0.05	6.1	0.026
32523	Core	126	655.7	39.0	<0.002	0.038	4.27	1.6	1.1	7.8	14.3	0.11	<0.05	5.6	0.020
32524	Core	58	399.6	45.6	0.002	0.069	3.57	2.3	1.0	6.1	17.9	0.13	<0.05	6.8	0.023
32525	Core	42	220.1	39.0	<0.002	0.028	2.45	1.9	1.0	9.6	12.6	0.13	<0.05	5.3	0.027
32526	Core	63	1069.8	39.0	<0.002	0.044	6.44	2.0	1.4	6.4	22.4	0.11	<0.05	6.5	0.024
32527	Core	63	232.5	44.7	<0.002	0.067	2.15	2.1	1.2	5.1	14.4	0.13	<0.05	7.5	0.024
32528	Core	69	108.7	37.8	<0.002	0.049	1.81	1.8	<1.0	1.0	17.7	0.13	<0.05	6.7	0.022
32529	Core	55	34.2	31.6	<0.002	0.015	1.68	1.9	<1.0	11.2	18.1	0.11	<0.05	6.6	0.022

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32503	Core	0.32	1.2	34	3.2	3.0	38	50.5
32504	Core	0.16	0.5	16	2.9	1.7	27	38.7
32505	Core	0.11	0.3	11	1.0	0.9	27	21.0
32506	Core	0.18	0.7	22	1.3	2.1	7	46.2
32507	Pulp	12.49	7.7	436	33.1	23.1	252	67.6
32508	Core	0.23	0.7	22	1.3	2.0	7	37.3
32509	Core	0.22	0.7	24	1.3	2.5	7	42.9
32510	Core	0.24	0.6	23	1.4	2.1	8	38.3
32511	Core	0.28	0.7	27	1.8	2.5	9	47.4
32512	Core	0.19	0.6	22	1.3	2.0	9	35.4
32513	Core	0.20	0.9	24	1.4	2.9	8	42.9
32514	Core	0.25	0.9	26	1.8	3.3	9	48.2
32515	Core	0.22	0.8	25	1.5	2.9	10	52.8
32516	Core	0.23	1.2	29	1.9	3.7	10	60.5
32517	Reject	0.20	0.9	25	2.9	2.4	11	42.6
32518	Reject	0.24	0.9	26	2.6	2.7	10	43.2
32519	Core	<0.02	0.5	314	0.1	0.8	18	1.8
32520	Core	0.19	0.9	23	3.0	2.7	11	51.7
32521	Core	0.26	1.1	22	1.1	3.3	43	47.7
32522	Core	0.24	1.1	24	0.9	3.2	14	48.9
32523	Core	0.21	0.7	18	0.9	2.1	19	39.8
32524	Core	0.23	1.1	26	1.0	2.7	28	49.3
32525	Core	0.22	1.0	24	1.1	2.7	18	47.6
32526	Core	0.21	0.9	21	1.1	2.7	19	61.1
32527	Core	0.23	1.2	26	1.2	3.1	18	57.4
32528	Core	0.21	1.1	23	1.1	2.9	14	43.0
32529	Core	0.18	1.0	22	1.1	2.8	13	47.0

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11-360-06954-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32503	Core		1.39	2.74	6506.1	137	0.57	0.09	0.02	0.58	28.46	2.0	121	3.45	15.0
32503 Dup			1.29	2.77	6566.4	139	0.57	0.07	0.01	0.60	34.71	2.0	124	3.50	10.8
QCV1109-00654-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			59.42												985.2
32521	Core		17.24	1.87	5492.5	116	0.39	0.10	0.01	0.60	54.06	0.8	106	1.34	14.8
32521 Dup			16.50	1.95	5427.2	112	0.39	0.11	0.02	0.58	34.23	0.8	116	1.32	17.0
QCV1109-00654-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.90		16.9	424	2.81	8.03		0.19		22.8		7.04	>10000
32503	Core	0.281													
32503 Dup		0.296													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.775													

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11-360-06954-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32503	Core	1.51	6.33	1.99	3.1	0.15	1.02	9.2	10.1	0.10	37	0.43	0.04	2.5	3.0
32503 Dup		1.53	6.33	2.07	2.8	0.15	1.02	9.1	10.9	0.10	37	0.42	0.04	2.5	3.0
QCV1109-00654-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
32521	Core	1.02	4.46	1.19	1.6	0.55	0.76	8.9	5.0	0.06	23	0.29	0.03	1.0	2.2
32521 Dup		1.02	4.36	1.17	1.6	0.55	0.80	8.8	4.9	0.06	23	0.28	0.03	0.9	2.2
QCV1109-00654-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.45		4.2	1.18		44.8	26.3			0.80		15.4	42.5

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32503	Core	322	306.6	54.2	<0.002	0.126	8.18	4.0	<1.0	8.3	72.9	0.68	0.11	11.1	0.021
32503 Dup		316	312.8	54.5	<0.002	0.124	8.67	4.0	<1.0	10.9	73.6	0.38	<0.05	8.4	0.022
QCV1109-00654-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
32521	Core	174	6777.6	43.7	<0.002	0.129	25.00	1.8	<1.0	<0.2	31.6	0.15	<0.05	7.3	0.027
32521 Dup		162	6771.7	40.9	<0.002	0.131	24.44	1.8	<1.0	<0.2	30.7	0.13	<0.05	7.5	0.022
QCV1109-00654-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9						
STD-OREAS94-4A result			30.9	189.5	0.005	1.238	2.40	13.6	13.5		35.0		0.07	17.6	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32503	Core	0.32	1.2	34	3.2	3.0	38	50.5
32503 Dup		0.31	1.2	33	3.1	3.0	38	50.4
QCV1109-00654-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
32521	Core	0.26	1.1	22	1.1	3.3	43	47.7
32521 Dup		0.28	1.0	22	1.0	3.3	44	47.3
QCV1109-00654-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.85	3.1			25.2	188	118.5

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11-360-07125-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 15**
Description: **3 ACE**

Date Received: 09/14/2011
Date Completed: 10/04/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	46	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28423	Core	<0.005	0.27	2.37	4.7	59	0.42	0.06	0.77	<0.02	32.20	4.0	110	1.42	14.7
28424	Core	0.016	0.30	>10	43.6	767	3.02	0.36	0.34	0.13	12.91	18.8	134	10.16	52.7
28425	Core	0.108	0.70	9.85	118.0	854	2.63	0.60	0.29	0.11	20.47	32.5	127	14.33	44.0
28426	Core	0.031	0.12	2.51	64.1	128	0.55	0.09	0.80	0.03	25.65	5.4	141	2.50	9.2
28427	Core	0.101	0.49	8.86	102.6	765	2.81	0.36	0.19	0.10	16.78	19.2	130	9.86	50.8
28428	Core	0.030	0.22	4.74	40.0	354	1.42	0.15	0.58	0.04	15.99	12.1	154	5.02	38.7
28429	Core	0.027	0.31	8.93	68.6	709	2.99	0.29	0.18	0.06	11.43	19.7	122	11.43	41.6
28430	Core	<0.005	0.09	1.70	26.2	66	0.44	0.05	0.63	0.02	23.60	5.2	173	1.58	9.1
28431	Core	0.009	0.28	1.21	180.3	31	0.21	0.04	0.55	2.37	23.34	3.9	114	0.99	9.3
28432	Core	0.019	0.22	>10	51.9	933	3.52	0.51	0.39	0.06	16.01	23.3	124	10.77	56.7
28433	Core	<0.005	0.10	1.87	9.4	84	0.53	0.05	0.94	0.03	17.95	5.0	170	1.27	14.8
28434	Core	0.208	0.41	8.97	185.9	844	3.09	0.43	0.78	0.20	23.95	20.7	126	16.74	54.3
28435	Core	0.016	0.20	8.51	49.0	745	2.90	0.28	0.43	0.06	23.43	17.6	118	10.66	48.3
28436	Core	0.010	0.12	5.18	28.2	359	1.53	0.16	0.16	0.02	18.58	11.6	122	4.94	24.3
28437	Core	0.018	0.10	3.00	29.9	209	0.91	0.11	0.20	0.03	20.64	12.6	149	2.90	29.4
28438	Core	0.029	0.08	1.54	31.6	62	0.36	0.04	0.03	0.04	25.25	14.2	115	1.06	27.7
28439	Core	<0.005	0.09	1.39	13.2	69	0.36	0.05	0.03	0.03	22.30	5.0	164	1.35	13.9
28440	Core	<0.005	0.40	1.20	17.8	55	0.25	0.06	0.04	0.03	23.56	2.3	119	1.33	4.7
28441	Core	0.008	0.13	1.37	13.6	70	0.29	0.08	0.05	<0.02	18.78	3.6	128	1.24	5.8
28442	Core	<0.005	0.08	1.61	9.5	67	0.34	0.04	0.18	<0.02	20.97	2.6	151	1.14	6.3
28443	Core	0.029	0.12	1.03	54.2	43	0.24	0.05	0.03	0.11	16.61	2.5	164	0.69	4.6
28444	Core	0.021	0.08	1.02	101.0	38	0.20	0.05	0.24	<0.02	24.67	2.7	100	0.70	5.4
28445	Core	<0.005	0.08	0.97	5.9	57	0.21	0.04	0.21	<0.02	22.12	2.8	84	0.88	4.6
28446	Core	<0.005	0.11	1.14	8.2	46	0.25	0.04	0.03	0.09	21.98	2.2	100	0.70	6.7
28447	Core	<0.005	0.08	1.08	6.9	47	0.24	0.04	0.03	0.04	22.51	2.8	112	0.78	4.8
28448	Core	<0.005	0.10	0.97	9.0	49	0.25	0.05	0.04	<0.02	18.25	4.1	121	0.80	12.5
28449	Core	<0.005	0.06	0.94	6.7	53	0.34	0.05	0.03	<0.02	15.04	3.8	148	0.65	7.3
28450	Core	<0.005	0.07	0.97	9.0	39	0.26	0.06	0.04	<0.02	12.55	4.8	143	0.56	7.6
28451	Core	0.007	0.13	6.75	30.9	538	2.24	0.20	0.08	0.06	21.96	13.3	170	5.16	32.8
28452	Reject	<0.005	0.08	1.06	15.2	57	0.33	0.06	0.03	<0.02	13.35	6.5	137	2.96	17.5
28453	Reject	<0.005	0.07	1.28	16.9	65	0.43	0.09	0.04	0.03	18.19	5.1	129	5.05	14.8
28454	Core	<0.005	0.14	0.04	2.6	16	<0.05	0.03	>10	0.08	1.01	1.1	8	0.20	3.8
28455	Core	<0.005	0.07	2.92	7.3	182	0.74	0.07	0.05	<0.02	23.04	4.8	145	2.66	12.8
28456	Core	0.082	0.15	2.62	679.9	110	0.52	0.08	0.05	0.33	18.29	5.2	110	3.12	11.9
28457	Core	0.019	0.43	2.92	174.5	135	0.65	0.09	0.06	0.20	20.85	4.7	132	2.62	13.0
28458	Core	0.164	0.36	4.00	521.5	274	1.35	0.17	0.04	0.19	19.85	11.6	144	10.01	20.5
28459	Core	<0.005	0.19	5.13	34.4	297	1.40	0.13	0.07	0.30	19.18	9.0	106	6.69	21.6
28460	Core	0.044	0.24	5.78	252.9	401	2.08	0.24	0.07	0.62	33.16	11.8	135	23.54	31.5
28461	Core	0.076	0.53	>10	93.9	910	3.46	0.43	0.10	0.66	38.88	23.8	135	24.57	50.5
28462	Core	<0.005	1.65	>10	21.1	920	3.43	0.46	0.10	0.41	27.85	23.9	106	11.30	52.9

3Ace Property, Northern Tiger Resources Inc.
Vol 8-190
Buchanan et al., 2011

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28463	Core	0.039	0.34	9.52	81.1	853	3.23	0.43	0.11	0.58	37.64	21.2	125	19.37	66.9
28464	Core	<0.005	0.29	>10	16.9	816	3.39	0.38	0.16	0.80	48.79	23.4	120	12.26	57.6
28465	Core	<0.005	1.91	>10	13.8	815	3.31	0.38	0.10	1.89	31.36	19.7	112	7.18	50.1
28466	Core	<0.005	0.33	9.53	12.7	736	2.81	0.35	0.20	0.09	41.96	20.0	106	6.35	49.6
28467	Core	<0.005	0.34	9.21	12.0	692	2.63	0.32	0.19	0.24	45.12	20.3	110	6.46	42.5
28468	Core	<0.005	0.26	5.83	9.2	378	1.72	0.15	0.10	0.22	38.61	12.8	121	3.94	29.2
28469	Core	0.007	0.34	4.85	28.1	308	1.33	0.13	0.09	0.36	31.65	9.8	145	4.43	21.9
28406	Core	0.044	0.74	1.64	637.5	79	0.40	0.06	0.03	1.78	20.39	2.9	154	1.26	14.7

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28423	Core	2.57	5.25	1.21	4.6	0.01	0.22	15.0	33.0	0.57	633	0.38	0.07	3.0	10.9
28424	Core	4.81	26.55	1.37	6.2	0.08	2.57	7.8	52.5	0.91	364	0.58	0.30	2.3	43.8
28425	Core	4.63	25.47	1.42	4.4	0.09	2.60	12.1	85.9	0.89	299	1.28	0.28	1.6	51.8
28426	Core	1.92	6.01	<0.05	1.5	0.02	0.45	13.0	47.7	0.49	595	0.38	0.04	0.4	10.3
28427	Core	3.65	23.45	1.28	4.8	0.07	2.54	9.3	31.0	0.72	265	0.52	0.22	1.5	41.4
28428	Core	2.75	12.50	0.93	2.6	0.04	1.24	8.0	61.4	0.67	429	0.49	0.11	0.9	22.4
28429	Core	3.63	22.48	1.25	4.0	0.07	2.54	6.4	31.7	0.77	280	0.48	0.21	1.0	37.7
28430	Core	1.17	4.14	0.27	1.7	0.01	0.27	10.9	36.6	0.33	346	0.46	0.03	0.7	7.4
28431	Core	1.02	2.62	0.11	1.4	0.04	0.11	10.7	30.3	0.28	357	0.34	0.23	0.6	5.7
28432	Core	4.64	26.39	1.22	4.1	0.08	2.78	9.1	41.3	1.03	343	0.51	0.26	2.7	44.2
28433	Core	1.93	4.77	0.78	0.9	0.01	0.28	8.8	31.9	0.60	537	0.48	0.04	0.5	9.3
28434	Core	4.68	24.88	1.22	3.9	0.09	2.61	14.0	42.0	1.00	394	0.68	0.25	1.8	43.6
28435	Core	4.47	23.47	1.17	3.6	0.07	2.39	13.5	39.9	0.91	453	0.62	0.21	2.0	40.7
28436	Core	2.92	12.69	0.92	2.9	0.04	1.51	10.0	62.3	0.57	284	0.36	0.11	1.1	24.4
28437	Core	1.44	7.89	0.28	2.1	0.02	0.86	9.8	25.9	0.27	211	0.41	0.16	1.5	12.0
28438	Core	0.71	3.13	<0.05	1.5	<0.01	0.27	11.3	7.9	0.06	154	0.36	0.02	0.7	6.9
28439	Core	0.56	3.41	0.40	1.9	<0.01	0.31	9.9	10.7	0.04	117	0.44	0.02	0.8	5.4
28440	Core	0.75	3.07	0.61	1.6	<0.01	0.28	10.5	11.1	0.07	99	0.32	0.02	0.5	5.7
28441	Core	0.71	3.23	0.16	2.1	<0.01	0.34	8.1	7.2	0.05	100	0.43	0.03	0.7	5.7
28442	Core	0.71	3.54	0.31	1.9	<0.01	0.30	9.9	5.9	0.12	153	0.31	0.28	0.5	5.2
28443	Core	0.52	2.40	0.79	1.6	<0.01	0.20	7.0	5.2	0.04	106	0.46	0.01	0.7	5.1
28444	Core	0.66	2.26	0.64	1.6	<0.01	0.16	10.7	4.2	0.11	141	0.37	0.23	0.6	5.0
28445	Core	0.56	2.68	0.54	1.4	<0.01	0.25	8.8	5.8	0.09	90	0.35	0.06	0.6	4.3
28446	Core	0.58	2.76	0.47	1.9	<0.01	0.22	9.5	5.0	0.05	108	0.33	0.02	0.7	4.0
28447	Core	0.60	2.75	0.57	1.7	<0.01	0.23	9.1	10.1	0.05	113	0.43	0.02	0.6	5.0
28448	Core	0.63	2.44	0.57	1.7	<0.01	0.21	7.7	5.9	0.02	33	0.51	0.02	0.6	6.1
28449	Core	0.43	2.15	0.57	1.3	<0.01	0.22	6.5	7.6	0.02	24	0.51	0.02	0.4	5.0
28450	Core	0.70	2.17	0.50	1.3	<0.01	0.17	5.3	11.4	0.03	61	0.51	0.01	0.5	8.1
28451	Core	2.31	17.63	1.06	4.2	0.05	2.20	11.8	18.7	0.25	289	0.62	0.13	2.3	24.3
28452	Reject	1.30	2.89	0.82	1.4	<0.01	0.23	6.0	11.5	0.02	21	0.50	0.02	0.5	10.5
28453	Reject	1.12	3.29	1.05	1.8	<0.01	0.29	8.3	12.7	0.02	23	0.52	0.02	0.7	10.5
28454	Core	0.48	0.26	<0.05	0.3	<0.01	0.01	0.5	0.9	>10	227	0.07	<0.01	0.3	<0.2
28455	Core	1.02	7.74	0.19	2.3	0.02	0.73	10.9	18.5	0.10	218	0.34	0.05	1.2	9.1
28456	Core	1.16	6.24	1.18	2.1	0.03	0.50	9.2	23.5	0.09	216	0.38	0.03	0.9	10.4
28457	Core	1.71	7.83	1.27	19.9	0.02	0.66	10.9	12.8	0.13	304	1.14	0.04	3.7	13.8
28458	Core	1.45	12.98	1.90	4.8	0.04	1.19	10.4	31.4	0.15	184	0.85	0.07	3.0	16.9
28459	Core	2.30	14.55	1.14	4.8	0.03	1.41	9.7	24.3	0.26	363	1.25	0.08	2.6	19.4
28460	Core	3.05	16.88	1.74	4.5	0.05	1.46	19.1	39.9	0.29	455	3.90	0.13	4.0	25.6
28461	Core	4.76	30.11	1.77	6.3	0.09	2.93	22.6	56.8	0.62	479	3.66	0.25	6.1	51.3
28462	Core	4.83	29.15	1.46	5.4	0.08	2.87	16.4	44.1	0.57	455	1.85	0.30	5.2	45.8

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Certificate of Analysis

11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28463	Core	4.90	27.64	1.59	5.3	0.08	2.72	21.2	62.7	0.78	432	1.00	0.24	4.5	48.0
28464	Core	4.91	29.48	1.51	5.8	0.08	2.70	27.5	66.0	0.92	363	0.79	0.27	5.9	52.7
28465	Core	4.70	26.40	1.38	6.0	0.08	2.78	17.8	64.5	0.96	309	0.78	0.25	5.1	46.1
28466	Core	4.75	25.26	1.34	5.8	0.07	2.62	22.9	60.4	0.98	376	2.46	0.23	3.7	46.0
28467	Core	4.45	24.89	1.23	6.2	0.07	2.42	25.1	50.3	0.86	420	1.08	0.21	5.2	42.3
28468	Core	3.28	15.03	0.96	6.4	0.04	1.49	20.1	26.0	0.47	504	11.02	0.12	4.0	26.5
28469	Core	2.78	13.05	0.88	4.9	0.03	1.28	16.7	21.8	0.36	462	8.85	0.09	3.3	21.6
28406	Core	0.98	4.01	1.10	2.2	0.05	0.61	9.2	10.8	0.07	103	8.09	0.03	1.0	7.8

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28423	Core	50	3.3	14.1	<0.002	0.057	0.49	3.1	<1.0	0.6	37.2	0.42	<0.05	18.3	0.022
28424	Core	196	25.8	196.1	<0.002	0.349	2.05	16.9	<1.0	2.5	164.3	0.79	0.09	25.6	0.057
28425	Core	249	44.3	219.2	<0.002	1.595	9.46	17.9	1.4	2.8	152.0	0.35	0.11	20.5	0.062
28426	Core	119	14.7	33.7	<0.002	0.101	0.92	3.9	<1.0	0.8	78.4	0.07	<0.05	11.0	0.013
28427	Core	208	27.8	199.2	<0.002	0.639	2.13	16.6	1.0	2.5	130.4	0.39	0.08	22.8	0.059
28428	Core	71	19.7	89.5	<0.002	0.305	1.19	7.8	<1.0	3.0	130.6	0.19	0.05	14.7	0.027
28429	Core	108	16.9	199.8	<0.002	0.416	1.85	15.0	1.2	2.6	119.3	0.30	0.07	21.9	0.044
28430	Core	42	10.2	18.9	<0.002	0.061	0.53	2.1	<1.0	0.8	38.6	0.10	<0.05	10.4	0.022
28431	Core	57	144.4	8.4	<0.002	0.222	0.99	1.4	<1.0	1.1	56.8	0.09	<0.05	9.5	0.013
28432	Core	154	32.4	216.7	<0.002	0.749	3.84	19.8	1.0	3.2	195.8	0.42	0.10	22.4	0.094
28433	Core	51	4.5	20.6	<0.002	0.036	0.46	2.8	<1.0	1.1	73.8	0.07	<0.05	7.2	0.014
28434	Core	151	33.3	232.5	<0.002	1.843	5.69	16.7	1.0	3.3	217.1	0.30	0.06	20.1	0.065
28435	Core	102	23.3	176.1	<0.002	0.570	3.92	15.4	<1.0	2.8	116.2	0.28	0.09	17.9	0.070
28436	Core	64	15.1	106.5	<0.002	0.437	1.56	8.0	<1.0	1.6	52.4	0.16	<0.05	17.5	0.039
28437	Core	60	11.8	58.6	<0.002	0.256	1.31	4.5	<1.0	2.4	36.6	0.16	<0.05	12.3	0.041
28438	Core	31	8.2	17.2	<0.002	0.140	0.54	1.7	<1.0	2.2	9.4	0.09	<0.05	9.8	0.022
28439	Core	37	5.8	21.2	<0.002	0.097	0.47	1.6	<1.0	1.2	12.5	0.12	<0.05	10.5	0.023
28440	Core	67	7.1	19.0	<0.002	0.203	0.77	1.3	<1.0	0.5	8.9	0.10	<0.05	9.1	0.016
28441	Core	114	7.5	21.5	<0.002	0.293	1.05	1.5	<1.0	0.6	10.0	0.11	<0.05	10.5	0.018
28442	Core	43	9.0	20.1	<0.002	0.081	0.45	1.6	<1.0	0.7	19.9	0.06	<0.05	10.8	0.015
28443	Core	34	22.8	14.0	<0.002	0.139	0.72	1.4	<1.0	0.8	6.0	0.11	<0.05	8.4	0.015
28444	Core	58	13.2	11.0	<0.002	0.230	0.86	1.2	<1.0	0.5	22.4	0.07	<0.05	8.9	0.016
28445	Core	45	4.3	15.8	<0.002	0.101	0.55	1.1	<1.0	0.5	15.2	0.07	<0.05	7.4	0.016
28446	Core	43	11.0	14.7	<0.002	0.112	0.54	1.2	<1.0	0.6	7.1	0.09	<0.05	10.4	0.018
28447	Core	31	7.5	15.3	<0.002	0.107	0.51	1.2	<1.0	0.5	8.7	0.08	<0.05	9.8	0.016
28448	Core	70	6.2	15.4	<0.002	0.495	1.43	1.2	<1.0	1.1	8.2	0.08	<0.05	9.3	0.015
28449	Core	57	9.2	13.4	<0.002	0.271	0.79	1.0	<1.0	0.6	8.0	0.06	<0.05	7.5	0.013
28450	Core	75	5.5	11.9	<0.002	0.388	0.97	1.2	<1.0	0.7	9.9	0.07	<0.05	7.8	0.011
28451	Core	135	15.0	154.4	<0.002	0.542	1.79	12.1	<1.0	2.6	67.0	0.34	<0.05	21.0	0.079
28452	Reject	59	22.2	16.8	<0.002	1.423	2.28	1.3	<1.0	1.4	12.1	0.07	<0.05	8.7	0.014
28453	Reject	113	9.8	21.0	<0.002	1.175	2.21	1.7	<1.0	1.1	13.7	0.11	<0.05	10.1	0.019
28454	Core	100	5.2	0.7	<0.002	<0.01	0.06	0.4	1.3	0.3	47.5	0.14	<0.05	1.5	<0.005
28455	Core	38	8.6	55.3	<0.002	0.115	0.67	3.4	<1.0	1.0	25.5	0.13	<0.05	12.2	0.033
28456	Core	67	28.5	35.0	<0.002	0.356	2.01	3.5	<1.0	1.7	17.1	0.12	<0.05	13.0	0.026
28457	Core	83	15.1	44.0	<0.002	0.329	2.27	6.2	1.5	1.7	16.4	0.88	0.12	23.4	0.034
28458	Core	34	14.4	88.9	0.002	0.612	3.34	6.8	2.0	2.9	33.8	0.68	0.07	19.6	0.046
28459	Core	60	11.4	100.8	<0.002	0.209	2.03	7.3	1.6	1.7	32.1	0.62	0.06	20.5	0.045
28460	Core	106	25.7	121.9	0.002	1.148	3.90	10.6	2.0	2.1	75.8	0.80	0.07	21.7	0.063
28461	Core	192	34.5	241.0	0.003	1.980	6.75	19.6	2.7	3.8	162.1	1.78	0.10	28.6	0.108
28462	Core	140	31.1	236.7	<0.002	1.769	3.83	18.8	2.3	14.4	169.9	1.50	0.08	23.6	0.101

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Certificate of Analysis

11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28463	Core	155	22.6	241.9	<0.002	1.352	4.10	18.7	2.7	3.2	143.0	1.32	0.07	25.3	0.091
28464	Core	224	23.1	227.1	0.003	0.643	1.78	19.4	3.6	3.1	133.1	1.64	0.07	28.4	0.103
28465	Core	198	22.1	210.3	<0.002	0.597	1.74	17.8	3.1	2.9	120.9	1.58	0.08	26.3	0.101
28466	Core	227	23.7	186.2	<0.002	0.586	1.85	16.4	2.1	2.5	109.1	1.37	0.06	26.2	0.105
28467	Core	168	21.5	186.1	0.002	0.626	2.12	15.2	2.6	3.2	99.5	1.33	0.07	28.8	0.092
28468	Core	86	16.1	106.2	0.007	0.339	1.18	8.9	1.9	1.8	51.7	0.98	<0.05	23.1	0.062
28469	Core	79	17.9	96.3	0.006	0.314	1.63	7.4	1.6	1.5	42.7	0.70	0.05	21.8	0.050
28406	Core	36	43.8	37.9	0.005	0.793	1.39	1.6	2.0	9.2	9.0	0.20	<0.05	10.7	0.023

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28423	Core	0.08	1.4	37	0.4	3.3	51	36.5
28424	Core	1.03	3.6	147	3.0	4.9	129	63.7
28425	Core	1.20	3.9	152	3.2	5.5	106	69.4
28426	Core	0.17	1.0	38	1.3	3.2	36	30.2
28427	Core	0.98	4.0	132	2.5	5.3	99	77.3
28428	Core	0.47	1.8	74	1.3	3.8	66	44.0
28429	Core	0.97	3.4	132	2.1	4.9	98	69.9
28430	Core	0.10	1.0	25	1.3	2.5	25	30.7
28431	Core	0.05	1.0	15	0.9	2.2	195	25.0
28432	Core	1.18	3.4	153	2.1	6.0	111	70.5
28433	Core	0.10	0.9	32	0.5	2.1	43	16.3
28434	Core	1.18	3.3	145	3.0	5.1	111	65.5
28435	Core	0.86	3.1	134	1.9	5.1	107	65.3
28436	Core	0.54	2.2	77	1.1	3.7	65	50.6
28437	Core	0.27	1.4	42	1.9	3.2	32	46.1
28438	Core	0.10	0.9	17	1.4	2.0	19	25.1
28439	Core	0.11	1.2	15	1.1	2.4	17	34.6
28440	Core	0.10	1.1	13	0.8	2.0	20	24.7
28441	Core	0.13	1.3	16	0.7	2.7	17	36.8
28442	Core	0.11	1.0	17	0.6	2.5	17	34.3
28443	Core	0.07	0.9	11	1.2	2.1	20	27.8
28444	Core	0.06	1.0	13	0.8	2.4	14	33.8
28445	Core	0.09	1.0	13	0.4	1.8	14	25.4
28446	Core	0.07	1.0	12	0.6	2.2	25	34.0
28447	Core	0.08	1.2	12	0.7	2.1	17	30.4
28448	Core	0.16	1.0	10	0.7	2.1	14	28.4
28449	Core	0.09	0.9	10	0.6	1.4	13	19.3
28450	Core	0.09	1.0	10	0.6	1.5	19	21.1
28451	Core	0.83	2.8	100	3.0	4.7	65	72.1
28452	Reject	0.28	0.9	11	1.1	1.8	16	27.4
28453	Reject	0.27	1.1	14	1.7	2.4	22	32.5
28454	Core	<0.02	0.8	274	0.2	0.7	27	1.6
28455	Core	0.25	1.2	32	1.6	3.6	34	50.8
28456	Core	0.18	1.1	28	2.7	3.2	52	42.9
28457	Core	0.26	1.4	34	2.6	3.4	40	52.9
28458	Core	0.44	2.3	57	4.4	4.6	35	82.2
28459	Core	0.52	2.4	66	3.2	5.0	52	71.8
28460	Core	0.62	3.3	82	4.8	5.2	70	81.1
28461	Core	1.21	4.6	158	5.9	7.1	105	104.3
28462	Core	1.16	3.8	153	3.6	6.3	101	82.1

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28463	Core	1.24	3.9	151	4.2	5.9	108	79.5
28464	Core	1.03	4.7	160	2.1	7.4	115	100.7
28465	Core	1.10	4.5	159	1.6	6.5	110	99.1
28466	Core	0.97	4.3	151	1.4	6.6	104	94.2
28467	Core	0.93	4.3	140	2.0	7.4	104	105.2
28468	Core	0.51	2.7	81	1.6	6.5	64	88.8
28469	Core	0.47	2.4	67	1.9	6.3	55	91.7
28406	Core	0.18	1.0	16	1.7	2.5	107	47.8

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28423	Core		0.27	2.37	4.7	59	0.42	0.06	0.77	<0.02	32.20	4.0	110	1.42	14.7
28423 Dup			0.28	2.42	4.2	60	0.34	0.06	0.80	<0.02	34.27	3.8	113	1.41	13.1
QCV1109-01454-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.36												1051.4
28441	Core		0.13	1.37	13.6	70	0.29	0.08	0.05	<0.02	18.78	3.6	128	1.24	5.8
28441 Dup			0.13	1.36	13.7	70	0.30	0.08	0.06	<0.02	18.48	3.6	163	1.25	6.2
QCV1109-01454-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			59.12												989.0
28459	Core		0.19	5.13	34.4	297	1.40	0.13	0.07	0.30	19.18	9.0	106	6.69	21.6
28459 Dup			0.20	5.13	34.4	300	1.40	0.14	0.07	0.31	19.62	9.1	110	6.71	22.3
QCV1109-01454-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-01454-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected								8.02				23.1			11400
STD-OREAS94-4A result					12.0	397	2.81	8.17		0.42	80.04	23.6		6.44	>10000
28423	Core	<0.005													
28423 Dup		<0.005													
28441	Core	0.008													
28441 Dup		<0.005													
QCV1109-01455-0004-BLK		<0.005													
28459	Core	<0.005													
28459 Dup		<0.005													
QCV1109-01455-0006-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.450													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28423	Core	2.57	5.25	1.21	4.6	0.01	0.22	15.0	33.0	0.57	633	0.38	0.07	3.0	10.9
28423 Dup		2.64	5.30	1.16	4.1	0.01	0.22	15.8	31.9	0.58	660	0.41	0.07	1.8	11.5
QCV1109-01454-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28441	Core	0.71	3.23	0.16	2.1	<0.01	0.34	8.1	7.2	0.05	100	0.43	0.03	0.7	5.7
28441 Dup		0.72	3.28	0.67	2.1	<0.01	0.34	8.0	7.6	0.05	101	0.45	0.03	0.7	5.8
QCV1109-01454-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28459	Core	2.30	14.55	1.14	4.8	0.03	1.41	9.7	24.3	0.26	363	1.25	0.08	2.6	19.4
28459 Dup		2.34	14.65	1.10	4.9	0.03	1.41	9.8	24.6	0.26	367	1.28	0.08	2.7	20.2
QCV1109-01454-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-01454-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.36			1.17		41.1	25.4			1.55		14.5	44.0

3Ace Property, Northern Tiger Resources Inc.
Vol 8-199
Buchanan et al., 2011

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11-360-07125-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28423	Core	50	3.3	14.1	<0.002	0.057	0.49	3.1	<1.0	0.6	37.2	0.42	<0.05	18.3	0.022
28423 Dup		49	3.4	13.9	<0.002	0.058	0.45	3.3	<1.0	0.6	36.3	0.26	<0.05	14.0	0.025
QCV1109-01454-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28441	Core	114	7.5	21.5	<0.002	0.293	1.05	1.5	<1.0	0.6	10.0	0.11	<0.05	10.5	0.018
28441 Dup		119	7.6	22.2	<0.002	0.291	1.12	1.5	<1.0	0.6	10.0	0.11	<0.05	10.4	0.017
QCV1109-01454-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28459	Core	60	11.4	100.8	<0.002	0.209	2.03	7.3	1.6	1.7	32.1	0.62	0.06	20.5	0.045
28459 Dup		68	12.6	106.0	<0.002	0.217	2.07	7.4	1.5	1.7	32.9	0.63	0.06	20.9	0.060
QCV1109-01454-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-01454-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.0	200.6	0.003	1.324	3.50	13.2	14.1	21.5	41.1		0.08		

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11-360-07125-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28423	Core	0.08	1.4	37	0.4	3.3	51	36.5
28423 Dup		0.08	1.3	38	0.4	3.4	54	30.2
QCV1109-01454-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28441	Core	0.13	1.3	16	0.7	2.7	17	36.8
28441 Dup		0.13	1.3	17	0.7	2.7	17	37.2
QCV1109-01454-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28459	Core	0.52	2.4	66	3.2	5.0	52	71.8
28459 Dup		0.52	2.4	66	3.3	5.1	53	72.7
QCV1109-01454-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-01454-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.6			25.8	173	132.4

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11-360-07126-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Dennis Ouellette
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 18**
Description: **3 ACE**

Date Received: 09/14/2011
Date Completed: 10/13/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	3	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28569	Core	0.020	0.26	8.58	22.6	474	1.64	0.21	0.06	0.08	29.55	13.0	202	4.55	29.4
28570	Core	0.074	0.51	0.72	481.2	26	0.19	0.52	<0.01	0.06	16.08	3.9	227	0.34	15.5
28571	Core	0.055	0.25	4.58	205.4	289	1.01	0.28	0.08	0.04	27.23	13.2	180	2.60	24.7
28572	Core	0.018	0.11	3.32	15.6	155	0.78	0.06	0.05	0.04	27.74	4.6	173	2.06	14.3
28573	Core	0.016	0.14	3.22	43.3	168	0.73	0.06	0.03	0.05	30.90	5.5	191	1.65	20.2
28574	Core	0.015	0.14	2.48	27.8	96	0.51	0.07	0.03	0.02	23.86	4.3	187	1.14	16.2
28575	Core	0.014	0.18	2.11	709.6	68	0.41	0.04	0.02	0.74	18.59	3.6	175	1.08	14.6
28576	Core	0.105	0.22	1.36	761.5	37	0.27	0.03	<0.01	0.31	16.35	3.0	190	0.56	12.6
28577	Core	0.340	0.31	>10	693.8	673	3.16	0.53	0.10	0.04	12.24	19.8	183	7.57	48.5
28578	Core	0.083	0.27	>10	85.2	798	3.32	0.49	0.09	0.07	34.21	20.2	122	7.95	52.4
28579	Core	0.006	0.23	>10	24.0	861	2.57	0.35	0.11	0.10	29.48	17.1	102	7.92	55.9
28580	Core	<0.005	0.17	>10	14.0	649	2.16	0.34	0.13	0.03	21.30	17.5	107	5.73	47.6
28581	Core	<0.005	0.21	>10	16.2	816	2.76	0.43	0.13	0.07	16.47	22.6	120	7.58	53.7
28582	Core	0.006	0.12	4.92	29.5	191	0.87	0.11	0.32	0.03	25.67	5.5	132	2.10	15.1
28583	Core	<0.005	0.22	>10	17.4	820	2.98	0.43	0.14	0.09	24.60	19.5	135	7.63	56.3
28584	Core	0.011	0.22	>10	16.8	675	2.46	0.43	0.16	0.07	37.56	18.8	96	6.28	53.9
28585	Core	0.017	0.25	>10	19.5	784	2.74	0.37	0.11	0.09	27.60	19.5	115	8.04	54.9
28586	Core	0.005	0.45	>10	13.0	690	2.02	0.28	0.29	0.05	44.79	19.2	106	7.75	52.6
28587	Core	0.007	0.38	8.94	15.2	512	1.67	0.22	1.14	0.04	37.17	16.1	100	6.19	38.9
28588	Core	<0.005	0.12	5.96	15.1	294	0.88	0.17	1.66	0.05	33.26	10.0	128	3.28	23.2
28589	Core	<0.005	0.15	4.66	13.1	241	1.05	0.12	0.16	<0.02	33.11	8.3	132	2.76	16.2
28590	Core	<0.005	1.83	9.54	23.0	116	2.37	0.05	1.89	0.24	156.50	37.7	180	1.34	61.1
28591	Core	0.047	0.17	4.39	30.2	188	0.94	0.07	0.07	0.05	21.30	4.7	110	2.21	16.4
28592	Core	0.037	0.19	0.77	204.4	35	0.17	0.09	<0.01	0.05	7.98	2.0	228	0.69	14.3
28593	Core	0.035	0.23	1.50	186.2	59	0.26	0.09	0.02	0.12	22.86	5.1	137	1.16	15.3
28594	Reject	0.006	0.12	3.96	11.7	164	1.01	0.05	0.05	0.03	27.49	6.7	116	1.85	18.0
28595	Reject	0.009	0.13	3.92	12.4	143	0.85	0.06	0.07	0.04	20.55	4.8	141	1.61	18.4
28596	Core	<0.005	0.14	0.07	<0.2	18	<0.05	0.02	>10	0.05	0.99	1.4	3	0.26	10.9
28597	Core	<0.005	0.12	6.97	10.0	217	1.06	0.11	0.44	0.03	25.62	6.9	146	2.32	17.0
28598	Core	0.010	0.19	>10	24.0	565	2.24	0.26	0.21	0.06	30.39	18.5	250	5.97	35.6
28599	Core	<0.005	0.11	5.18	6.9	149	0.52	0.10	0.85	0.02	22.53	6.5	249	1.91	12.7
28600	Core	<0.005	0.14	>10	12.8	443	1.86	0.21	1.16	0.06	31.21	14.3	212	4.89	33.7
28601	Core	<0.005	0.16	>10	12.7	610	1.91	0.28	1.04	0.05	20.20	18.8	199	6.27	43.0
28407	Core	0.049	0.22	3.91	342.0	99	0.47	0.06	0.57	1.08	22.13	4.0	318	1.70	16.4
28408	Core	0.028	0.67	>10	63.1	856	3.19	0.52	0.20	0.07	10.58	26.7	155	7.73	73.3
28409	Core	<0.005	0.32	2.12	9.2	65	0.37	0.07	0.79	0.03	18.29	3.3	172	0.99	11.7
28410	Core	0.023	0.31	>10	38.8	664	2.43	0.46	0.42	0.05	13.29	17.7	119	7.48	43.2
28411	Core	0.026	1.03	>10	43.5	774	2.54	0.48	0.47	0.10	20.44	19.9	153	8.24	49.3
28412	Core	0.033	0.61	>10	38.0	757	2.42	0.41	0.28	0.05	22.74	21.1	123	8.41	48.2
28413	Core	0.017	0.35	>10	37.8	817	2.93	0.46	0.43	0.03	17.46	20.0	135	10.04	57.5

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11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28414	Core	0.013	16.54	>10	51.0	770	2.99	0.44	0.26	0.06	28.78	23.1	123	10.29	76.6
28415	Core	0.107	0.42	3.16	824.9	115	0.89	0.06	0.41	0.09	28.81	5.4	163	2.62	16.6
28416	Core	0.063	1.54	1.31	314.5	26	0.22	0.03	0.09	0.13	18.95	3.2	193	0.64	9.1
28417	Reject	0.053	0.85	1.20	99.7	34	0.19	0.04	0.03	0.03	18.02	3.8	169	1.16	11.4
28418	Pulp	7.650	0.78	3.43	873.6	158	0.58	0.65	>10	3.99	25.74	5.8	103	6.85	34.1
28419	Core	0.030	0.31	1.20	73.3	32	0.25	0.03	0.04	0.06	17.94	3.1	184	0.99	7.2
28420	Core	0.009	0.35	1.87	42.4	61	0.31	0.05	0.07	0.04	23.66	3.5	192	1.20	23.6
28421	Core	0.016	0.34	>10	70.7	784	2.64	0.34	0.17	0.07	24.33	20.2	139	9.48	62.9
28422	Core	<0.005	0.19	2.82	11.1	93	0.38	0.07	0.92	<0.02	29.39	4.9	170	2.21	12.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28569	Core	3.86	20.79	1.40	3.6	0.04	2.72	15.7	42.1	0.75	322	0.73	0.19	2.0	29.5
28570	Core	0.88	1.88	<0.05	0.6	<0.01	0.12	7.1	13.1	0.05	77	0.57	0.01	0.3	9.2
28571	Core	2.00	11.22	1.23	2.0	0.03	1.33	12.8	15.6	0.24	232	0.78	0.08	1.3	17.8
28572	Core	2.11	8.07	1.00	1.4	0.02	0.78	13.0	17.1	0.29	313	0.45	0.05	0.7	15.2
28573	Core	1.58	8.91	1.08	2.0	0.02	0.78	13.5	18.7	0.21	248	0.72	0.06	1.1	12.8
28574	Core	1.22	5.30	0.79	1.8	0.01	0.50	10.5	17.3	0.14	236	0.61	0.04	0.9	9.0
28575	Core	0.94	4.44	0.99	1.3	0.02	0.36	8.5	9.7	0.07	182	0.48	0.02	0.7	8.5
28576	Core	1.34	3.31	1.17	1.0	0.01	0.19	7.1	16.3	0.09	228	0.77	0.02	0.6	8.6
28577	Core	4.54	30.38	1.47	3.7	0.07	3.47	6.4	54.7	0.64	360	0.87	0.24	2.3	38.2
28578	Core	4.55	27.03	1.51	4.1	0.07	3.22	17.7	34.2	0.51	468	0.92	0.24	3.6	43.2
28579	Core	4.43	27.70	1.44	3.6	0.07	3.34	15.6	36.6	0.51	378	0.48	0.28	4.5	41.6
28580	Core	4.78	24.31	1.26	4.3	0.07	3.11	11.3	37.0	0.65	366	0.50	0.29	2.2	37.8
28581	Core	4.18	29.59	1.30	3.9	0.08	3.62	8.7	38.9	0.59	295	0.78	0.37	2.0	46.6
28582	Core	3.24	10.14	1.03	2.3	0.03	0.93	12.6	33.1	0.66	518	0.49	0.13	1.1	15.4
28583	Core	4.52	31.10	1.35	4.1	0.08	3.83	13.4	46.6	0.84	302	0.90	0.39	2.7	41.5
28584	Core	5.12	28.07	1.39	4.5	0.07	3.12	20.1	67.3	1.09	341	0.66	0.32	2.8	42.4
28585	Core	5.27	30.72	1.40	3.5	0.08	3.69	14.7	73.8	1.14	380	0.59	0.39	2.9	44.5
28586	Core	4.94	25.26	1.38	4.4	0.06	3.16	23.7	70.5	1.18	400	0.57	0.30	3.3	43.7
28587	Core	4.18	23.07	1.41	4.9	0.05	2.50	19.3	57.6	1.10	659	0.39	0.30	3.0	32.2
28588	Core	2.72	13.32	0.76	3.6	0.04	1.51	16.9	22.3	0.53	790	0.34	0.15	2.3	22.3
28589	Core	2.29	11.42	0.96	2.6	0.02	1.30	15.7	18.0	0.40	410	0.46	0.10	1.6	15.4
28590	Core	9.59	24.52	2.84	11.1	0.09	0.40	81.6	106.4	0.91	2902	6.02	0.03	110.9	80.6
28591	Core	2.35	10.18	1.04	1.7	0.02	1.05	10.0	23.5	0.33	592	0.49	0.06	1.5	10.8
28592	Core	0.79	2.18	1.16	0.4	<0.01	0.21	3.6	5.4	0.05	161	0.47	0.01	0.5	7.2
28593	Core	0.86	3.65	0.14	1.2	0.01	0.37	9.4	8.3	0.06	185	0.48	0.02	0.8	7.9
28594	Reject	1.76	8.62	0.85	2.4	0.02	0.90	13.3	19.5	0.24	415	0.31	0.05	1.2	10.0
28595	Reject	1.93	7.93	0.88	2.3	0.02	0.83	9.9	17.7	0.26	441	0.30	0.05	0.9	11.6
28596	Core	0.51	0.31	<0.05	0.5	<0.01	0.04	0.5	1.2	>10	239	0.06	<0.01	0.6	<0.2
28597	Core	3.32	12.02	1.04	3.1	0.03	1.53	12.7	21.2	0.50	596	0.48	0.10	1.3	15.8
28598	Core	4.45	23.48	1.14	5.2	0.05	4.25	15.9	17.4	0.65	495	0.55	0.25	3.0	30.4
28599	Core	2.80	7.82	0.88	2.3	0.02	1.14	10.4	24.7	0.76	845	0.56	0.41	1.4	11.8
28600	Core	5.29	19.94	1.26	4.2	0.04	3.48	15.8	42.0	1.43	736	0.40	0.68	2.6	27.9
28601	Core	7.22	24.85	1.34	4.0	0.06	4.91	11.0	50.5	1.78	751	0.54	0.36	2.1	34.2
28407	Core	2.36	5.05	1.13	1.3	0.04	1.32	10.5	15.5	0.42	698	0.47	0.07	0.6	9.6
28408	Core	4.56	37.29	1.45	4.8	0.10	4.27	5.0	23.8	0.65	344	1.67	0.29	3.4	42.7
28409	Core	2.48	5.06	0.82	1.3	0.01	0.32	7.8	37.3	0.45	596	0.64	0.03	0.8	7.8
28410	Core	4.80	22.51	1.22	3.2	0.07	2.83	7.1	27.9	0.67	493	0.88	0.22	2.1	34.3
28411	Core	4.91	26.66	1.41	3.9	0.07	2.98	10.6	34.9	0.78	473	0.77	0.21	3.1	40.1
28412	Core	4.68	29.81	1.36	3.4	0.08	3.29	12.0	32.7	0.75	431	0.67	0.26	2.8	42.6
28413	Core	4.94	27.79	1.43	3.9	0.08	3.20	9.8	40.2	0.80	477	0.81	0.26	2.7	39.5

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Certificate of Analysis

11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28414	Core	4.65	29.19	1.53	3.6	0.08	3.01	15.7	73.3	0.78	458	0.45	0.23	2.8	42.4
28415	Core	1.96	8.29	1.07	2.7	0.02	0.59	13.7	19.4	0.30	478	0.43	0.04	0.9	10.2
28416	Core	0.65	2.31	0.96	1.3	<0.01	0.14	8.2	5.8	0.05	162	0.77	0.01	0.6	7.0
28417	Reject	0.54	2.67	0.96	1.3	<0.01	0.15	7.8	14.4	0.03	121	0.44	0.01	0.5	7.0
28418	Pulp	1.35	6.47	0.32	3.1	0.06	1.28	14.7	7.2	0.81	287	10.93	<0.01	6.9	51.8
28419	Core	0.57	2.39	0.88	1.4	<0.01	0.14	7.5	6.2	0.04	139	0.62	0.01	0.6	6.1
28420	Core	1.30	4.38	1.03	2.0	0.01	0.29	10.9	13.0	0.15	236	0.47	0.03	0.8	9.4
28421	Core	4.63	31.79	1.56	5.8	0.08	3.37	13.8	49.7	0.76	418	0.66	0.27	3.4	43.9
28422	Core	2.34	7.20	1.09	2.1	0.02	0.39	13.7	37.7	0.54	759	0.44	0.12	1.1	11.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28569	Core	154	13.7	124.9	<0.002	0.234	1.77	10.5	<1.0	2.0	73.7	0.26	0.05	14.0	0.076
28570	Core	71	282.1	6.2	<0.002	0.389	1.45	1.1	1.1	0.5	13.5	<0.05	<0.05	3.2	0.008
28571	Core	243	21.9	61.8	<0.002	0.472	3.98	6.5	<1.0	1.6	46.6	0.16	0.05	8.9	0.043
28572	Core	138	6.4	36.6	<0.002	0.085	0.86	4.1	<1.0	0.8	25.2	0.09	<0.05	7.6	0.025
28573	Core	92	16.1	39.1	<0.002	0.103	0.96	4.5	<1.0	1.1	28.1	0.12	<0.05	9.5	0.035
28574	Core	92	7.4	24.0	<0.002	0.137	0.82	2.7	<1.0	0.9	20.2	0.11	<0.05	8.8	0.027
28575	Core	77	52.4	18.2	<0.002	0.246	1.37	2.2	<1.0	1.4	11.5	0.08	<0.05	6.4	0.019
28576	Core	43	51.6	10.5	<0.002	0.553	3.54	1.7	<1.0	1.2	10.0	0.06	<0.05	5.5	0.014
28577	Core	213	30.5	187.9	<0.002	1.662	8.04	18.0	1.0	3.3	103.7	0.34	0.06	14.3	0.069
28578	Core	208	37.3	180.7	<0.002	1.719	9.74	20.1	<1.0	2.9	98.7	0.44	0.06	14.0	0.117
28579	Core	208	27.2	180.4	<0.002	1.176	6.63	19.0	<1.0	3.1	110.9	0.46	<0.05	13.2	0.119
28580	Core	212	20.1	150.2	<0.002	0.625	4.14	17.1	<1.0	2.4	146.1	0.33	<0.05	13.8	0.090
28581	Core	283	29.5	195.0	<0.002	1.077	6.80	20.5	<1.0	2.9	259.1	0.34	0.08	15.0	0.081
28582	Core	89	9.1	46.0	<0.002	0.251	1.24	5.9	<1.0	1.0	51.3	0.15	<0.05	10.3	0.039
28583	Core	228	33.2	196.6	<0.002	1.171	7.01	21.2	<1.0	3.0	151.5	0.35	0.05	15.0	0.106
28584	Core	271	29.2	162.5	<0.002	0.880	4.61	19.1	<1.0	2.6	130.5	0.47	0.06	15.1	0.109
28585	Core	235	27.4	185.7	<0.002	0.888	5.31	19.7	1.0	2.7	131.6	0.37	<0.05	12.8	0.115
28586	Core	237	29.4	160.2	<0.002	0.482	3.13	16.9	<1.0	2.5	105.1	0.34	0.05	14.1	0.117
28587	Core	152	20.3	132.4	<0.002	0.412	3.07	12.7	<1.0	2.1	124.8	0.41	<0.05	15.7	0.098
28588	Core	126	28.6	76.2	<0.002	0.195	1.34	7.8	<1.0	1.5	147.1	0.27	<0.05	12.4	0.065
28589	Core	100	9.3	61.6	<0.002	0.174	0.86	6.2	<1.0	1.2	34.7	0.21	<0.05	10.3	0.051
28590	Core	5720	9.6	20.0	0.006	0.599	3.11	19.9	1.4	2.5	479.8	6.98	<0.05	12.5	1.385
28591	Core	78	10.1	54.1	<0.002	0.217	0.74	5.5	<1.0	1.1	29.1	0.19	<0.05	9.1	0.035
28592	Core	24	43.2	11.0	<0.002	0.237	0.62	1.1	<1.0	0.6	7.4	<0.05	<0.05	2.0	0.011
28593	Core	158	89.0	18.8	<0.002	0.257	0.91	1.8	<1.0	1.2	18.5	0.08	<0.05	5.4	0.020
28594	Reject	83	8.7	43.0	<0.002	0.080	0.59	4.3	<1.0	1.7	20.7	0.15	<0.05	9.9	0.034
28595	Reject	80	10.2	37.9	<0.002	0.092	0.56	4.0	<1.0	1.1	17.8	0.14	<0.05	10.0	0.030
28596	Core	190	2.3	1.5	<0.002	0.137	<0.05	0.4	<1.0	0.3	40.8	0.48	<0.05	0.7	<0.005
28597	Core	912	34.8	55.9	<0.002	0.121	0.87	6.4	<1.0	1.2	34.3	0.17	<0.05	12.9	0.053
28598	Core	121	17.0	149.3	<0.002	0.542	2.78	13.3	<1.0	2.3	62.1	0.33	<0.05	17.9	0.142
28599	Core	99	9.7	39.9	<0.002	0.168	1.01	4.0	<1.0	0.9	49.2	0.15	<0.05	8.4	0.061
28600	Core	144	17.9	118.4	<0.002	0.470	1.99	11.6	<1.0	2.0	92.7	0.30	<0.05	14.7	0.136
28601	Core	277	21.7	153.4	<0.002	0.682	2.68	15.5	1.0	2.3	97.1	0.23	0.05	14.7	0.128
28407	Core	81	77.3	36.1	<0.002	0.864	1.12	2.7	<1.0	6.8	29.3	0.06	<0.05	7.4	0.035
28408	Core	213	21.5	224.6	<0.002	1.710	5.75	17.0	1.1	4.2	101.7	0.53	0.09	11.2	0.138
28409	Core	76	5.3	18.4	<0.002	0.148	0.87	2.4	<1.0	0.5	54.4	0.11	<0.05	6.2	0.020
28410	Core	193	28.9	159.4	<0.002	1.684	9.98	16.0	1.0	2.4	102.0	0.37	<0.05	11.8	0.055
28411	Core	210	27.7	191.7	<0.002	1.468	8.62	19.7	1.1	2.7	109.5	0.50	<0.05	12.1	0.092
28412	Core	246	21.9	205.1	<0.002	1.414	8.99	20.2	<1.0	2.6	109.8	0.46	0.06	12.2	0.120
28413	Core	194	23.4	189.9	<0.002	1.711	8.62	18.9	1.2	2.8	122.5	0.45	0.07	13.4	0.099

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Certificate of Analysis

11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28414	Core	212	19.2	192.4	<0.002	0.584	3.59	18.5	<1.0	2.8	105.3	0.43	0.12	14.0	0.100
28415	Core	127	19.1	36.8	<0.002	0.506	1.59	3.9	<1.0	1.1	47.8	0.12	<0.05	11.9	0.030
28416	Core	65	24.4	8.3	<0.002	0.254	0.84	1.2	<1.0	0.9	15.7	0.07	<0.05	6.5	0.014
28417	Reject	45	11.1	9.2	<0.002	0.141	0.74	1.2	1.2	0.9	26.2	0.07	<0.05	6.6	0.012
28418	Pulp	4941	5.7	99.8	0.034	1.110	22.74	6.3	8.0	1.7	137.8	0.53	0.60	6.5	0.189
28419	Core	76	9.1	8.3	<0.002	0.123	0.62	1.1	<1.0	0.6	22.4	0.07	<0.05	6.3	0.015
28420	Core	101	8.4	16.9	<0.002	0.116	0.59	2.1	1.1	1.0	15.0	0.09	<0.05	8.7	0.018
28421	Core	224	14.4	211.0	<0.002	0.412	2.64	19.1	1.0	3.1	121.6	0.55	0.06	19.4	0.098
28422	Core	273	5.7	24.0	<0.002	0.055	0.55	3.8	<1.0	0.6	57.6	0.11	<0.05	8.6	0.022

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11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28569	Core	0.66	2.6	115	1.9	5.1	144	77.6
28570	Core	0.04	0.5	11	0.8	1.3	77	15.3
28571	Core	0.35	1.8	62	2.1	3.7	106	50.7
28572	Core	0.20	1.1	41	1.4	2.5	115	32.3
28573	Core	0.21	1.3	40	1.3	3.2	100	48.4
28574	Core	0.13	1.4	31	1.1	2.9	88	41.9
28575	Core	0.10	0.9	24	1.2	2.2	135	30.8
28576	Core	0.18	0.8	13	1.1	1.9	101	25.1
28577	Core	1.04	3.1	146	3.9	6.1	155	75.3
28578	Core	1.03	3.4	139	3.2	6.2	166	82.9
28579	Core	1.08	3.3	149	2.1	5.8	178	75.6
28580	Core	0.91	4.3	150	2.2	5.8	172	81.0
28581	Core	1.05	4.0	158	2.2	5.8	169	80.5
28582	Core	0.27	1.6	65	0.9	3.5	129	43.1
28583	Core	1.12	4.0	177	1.3	5.9	165	89.7
28584	Core	0.96	4.3	171	0.9	6.0	186	83.2
28585	Core	1.03	3.5	183	0.8	5.0	191	72.0
28586	Core	0.85	3.5	162	0.9	6.4	197	89.6
28587	Core	0.70	3.3	126	0.7	8.1	162	101.0
28588	Core	0.40	2.2	73	1.2	7.9	127	69.3
28589	Core	0.36	1.8	58	1.2	4.4	114	51.2
28590	Core	0.32	6.1	248	152.8	34.7	217	336.7
28591	Core	0.34	1.2	51	2.3	3.7	110	40.5
28592	Core	0.07	0.3	9	0.9	1.2	87	11.2
28593	Core	0.11	1.0	17	1.0	2.4	87	26.9
28594	Reject	0.25	1.3	39	1.5	4.0	105	48.5
28595	Reject	0.24	1.3	39	1.4	3.5	104	41.4
28596	Core	<0.02	0.5	305	0.2	0.8	96	1.1
28597	Core	0.34	2.0	73	1.5	5.6	152	60.5
28598	Core	0.86	3.7	173	1.7	7.5	198	113.7
28599	Core	0.21	1.4	69	0.6	4.3	144	53.1
28600	Core	0.66	2.8	175	0.5	6.6	231	91.2
28601	Core	0.84	3.3	240	0.5	6.4	274	87.1
28407	Core	0.18	1.0	40	1.4	2.8	272	35.4
28408	Core	1.37	3.4	181	3.0	3.3	95	91.9
28409	Core	0.10	1.1	31	0.6	2.6	55	25.4
28410	Core	0.86	2.8	135	1.9	4.5	98	70.0
28411	Core	1.16	3.0	146	2.4	4.6	115	73.0
28412	Core	1.03	2.9	154	2.5	4.5	119	68.8
28413	Core	1.02	3.1	150	2.1	4.9	110	75.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28414	Core	0.99	2.7	138	2.3	5.6	137	73.3
28415	Core	0.20	1.5	39	1.9	4.8	44	57.8
28416	Core	0.04	0.8	11	0.9	2.3	20	33.6
28417	Reject	0.06	0.9	12	0.9	1.9	9	31.5
28418	Pulp	11.86	7.3	436	31.6	25.0	282	73.8
28419	Core	0.05	1.0	11	1.0	2.1	17	29.6
28420	Core	0.09	1.1	22	0.9	2.7	36	40.8
28421	Core	1.15	4.3	162	3.4	8.1	130	120.4
28422	Core	0.14	1.3	40	0.7	4.2	41	44.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28569	Core		0.26	8.58	22.6	474	1.64	0.21	0.06	0.08	29.55	13.0	202	4.55	29.4
28569 Dup			0.18	7.52	20.5	458	1.86	0.20	0.06	0.10	21.10	13.8	185	4.59	30.3
QCV1109-01464-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.42												1054.2
28587	Core		0.38	8.94	15.2	512	1.67	0.22	1.14	0.04	37.17	16.1	100	6.19	38.9
28587 Dup			0.33	9.29	14.3	513	1.70	0.20	1.22	0.05	39.78	15.7	104	5.99	36.7
QCV1109-01464-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.52		7.9	394	2.08	8.25		0.17	77.11	22.2		6.46	>10000
28410	Core		0.31	>10	38.8	664	2.43	0.46	0.42	0.05	13.29	17.7	119	7.48	43.2
28410 Dup			0.47	9.89	37.2	659	2.47	0.51	0.41	0.07	16.42	19.8	122	7.51	47.5
QCV1109-01464-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-01464-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			4.11		9.2	439	2.12	8.12		0.23	81.88	23.3		7.42	>10000
28569	Core	0.020													
28569 Dup		0.016													
28587	Core	0.007													
28587 Dup		0.006													
QCV1109-01465-0004-BLK		<0.005													
28410	Core	0.023													
28410 Dup		0.027													
QCV1109-01465-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.814													

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11-360-07126-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28569	Core	3.86	20.79	1.40	3.6	0.04	2.72	15.7	42.1	0.75	322	0.73	0.19	2.0	29.5
28569 Dup		3.41	19.46	1.22	3.5	0.04	2.28	10.8	43.5	0.67	288	0.71	0.15	1.6	31.4
QCV1109-01464-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28587	Core	4.18	23.07	1.41	4.9	0.05	2.50	19.3	57.6	1.10	659	0.39	0.30	3.0	32.2
28587 Dup		4.44	21.71	1.33	13.2	0.06	2.49	20.8	55.3	1.15	690	0.41	0.30	4.7	31.5
QCV1109-01464-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			16.67		5.7	1.08		39.5	24.6			0.74		12.2	36.0
28410	Core	4.80	22.51	1.22	3.2	0.07	2.83	7.1	27.9	0.67	493	0.88	0.22	2.1	34.3
28410 Dup		4.56	23.55	1.33	3.7	0.07	2.64	8.7	28.8	0.64	460	0.91	0.21	2.8	35.8
QCV1109-01464-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-01464-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.69		5.9	1.19		42.0	23.7			0.93		14.2	41.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28569	Core	154	13.7	124.9	<0.002	0.234	1.77	10.5	<1.0	2.0	73.7	0.26	0.05	14.0	0.076
28569 Dup		123	11.7	124.3	<0.002	0.225	1.89	11.5	<1.0	1.9	77.0	0.26	<0.05	14.6	0.057
QCV1109-01464-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28587	Core	152	20.3	132.4	<0.002	0.412	3.07	12.7	<1.0	2.1	124.8	0.41	<0.05	15.7	0.098
28587 Dup		168	21.9	130.0	<0.002	0.421	3.15	15.5	<1.0	2.2	120.3	0.78	0.09	18.3	0.107
QCV1109-01464-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.1	153.4	<0.002	2.081	2.90	13.4	12.5	20.2	31.8	1.23	<0.05	17.3	
28410	Core	193	28.9	159.4	<0.002	1.684	9.98	16.0	1.0	2.4	102.0	0.37	<0.05	11.8	0.055
28410 Dup		184	31.5	161.1	<0.002	1.615	10.20	17.3	1.0	2.4	103.4	0.41	0.07	12.9	0.078
QCV1109-01464-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-01464-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.5	190.5	0.003	1.332	3.24	15.2	13.7	22.0	33.2	1.32	0.06	17.3	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28569	Core	0.66	2.6	115	1.9	5.1	144	77.6
28569 Dup		0.68	2.6	103	1.9	5.0	144	74.2
QCV1109-01464-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28587	Core	0.70	3.3	126	0.7	8.1	162	101.0
28587 Dup		0.68	3.1	132	0.8	8.1	160	102.0
QCV1109-01464-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.2			22.0	179	103.2
28410	Core	0.86	2.8	135	1.9	4.5	98	70.0
28410 Dup		1.01	3.0	130	2.2	4.6	93	74.2
QCV1109-01464-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-01464-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	2.8			26.2	201	125.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Jim McFaull
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 20**
Client Reference: **Core 20**
Description: **3 ACE**

Date Received: 09/16/2011
Date Completed: 10/04/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	47	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Ag-4A-OR	Ag, 4 Acid, AA, Ore Grade
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28654	Core	0.013		0.23	>10	37.7	913	3.92	0.39	0.20	0.11	21.88	20.6	118	12.11
28655	Core	0.009		0.21	>10	35.5	858	3.62	0.39	0.19	0.09	56.23	18.3	103	12.36
28656	Core	0.014		0.19	>10	100.2	805	3.11	0.38	0.14	0.10	49.15	18.6	129	18.30
28657	Core	1.114		0.28	1.87	3145.4	59	0.57	0.17	0.10	0.42	19.90	4.9	178	3.55
28658	Core	0.488		0.15	2.98	2491.4	159	1.02	0.05	0.14	0.49	23.17	4.9	151	4.51
28659	Core	0.249		0.29	6.12	568.4	450	2.19	0.26	0.08	0.66	22.07	14.1	160	6.58
28660	Core	0.264	116.2	>100	3.51	1643.0	259	1.45	0.10	0.24	0.50	19.64	46.0	157	3.43
28661	Core	0.273		0.95	1.90	2533.1	84	0.67	0.16	0.07	1.36	14.49	6.9	153	2.05
28662	Core	0.177		0.82	2.25	1125.9	115	0.76	0.05	0.12	0.65	18.71	5.5	167	2.79
28663	Core	0.171		0.31	2.57	1123.2	133	0.79	0.06	0.17	1.48	20.69	7.4	155	3.00
28664	Core	0.168		0.22	1.96	2285.1	64	0.62	0.06	0.25	0.72	19.51	6.8	152	2.48
28665	Core	0.201		0.20	4.46	1056.7	263	1.58	0.08	0.48	0.71	31.06	12.2	158	10.97
28666	Reject	0.162		0.14	1.83	1379.1	54	0.53	0.04	1.23	0.10	18.45	8.7	152	1.96
28667	Pulp	7.741		0.71	2.98	1082.6	184	1.05	0.61	>10	4.62	33.34	6.3	99	7.43
28668	Reject	0.190		0.14	1.91	1453.3	59	0.53	0.03	1.27	0.14	20.20	6.1	182	2.01
28669	Core	0.187		0.13	2.17	901.1	62	0.46	0.04	0.43	0.17	23.77	6.1	184	1.77
28670	Core	0.033		0.13	2.74	126.6	114	0.86	0.06	0.16	0.09	35.39	6.4	138	2.03
28671	Core	0.138		0.46	3.55	740.9	183	0.92	0.07	0.47	0.12	24.58	6.5	161	2.66
28672	Core	0.151		0.13	2.03	781.4	62	0.50	0.05	0.50	0.15	25.26	4.1	173	1.10
28673	Core	0.097		0.13	2.13	335.5	66	0.61	0.04	0.16	0.07	23.21	6.3	152	1.21
28674	Core	0.044		0.12	3.34	145.7	201	0.96	0.08	0.27	0.13	15.85	5.7	211	2.99
28675	Core	0.247		0.15	3.30	992.4	198	0.99	0.09	0.27	0.04	20.01	6.7	223	2.35
28676	Core	0.011		0.12	2.72	54.0	137	0.67	0.04	0.16	0.10	30.97	6.4	130	1.85
28677	Core	0.020		0.13	1.84	264.3	75	0.40	0.08	0.35	0.09	25.87	5.3	170	2.51
28678	Core	0.015		0.12	1.80	61.5	68	0.52	0.07	0.38	0.06	21.82	4.9	155	1.13
28679	Core	0.030		0.27	>10	78.0	842	3.48	0.34	0.28	0.13	57.23	18.3	158	8.38
28680	Core	0.067		0.11	2.08	751.8	69	0.53	0.04	0.32	0.15	21.67	4.2	159	1.36
28681	Core	0.129		0.10	2.20	1518.9	87	0.66	0.05	0.40	0.04	26.31	3.7	216	1.72
28682	Core	0.079		0.15	2.57	952.2	138	0.88	0.07	0.44	0.06	21.70	4.0	206	2.38
28683	Core	0.188		0.47	2.67	449.6	133	0.58	0.06	0.39	<0.02	26.56	4.5	170	1.95
28684	Core	0.025		0.15	1.96	89.5	77	0.45	0.05	0.25	0.04	22.04	6.6	144	1.24
28685	Core	0.199		0.23	1.93	3856.1	81	0.70	0.07	0.50	0.78	19.39	4.7	220	1.15
28686	Core	2.636		0.89	>10	2999.4	863	4.95	0.33	0.29	0.33	36.63	18.1	181	7.94
28687	Core	0.339		0.25	>10	445.6	748	4.15	0.30	0.29	0.04	44.06	18.0	149	6.89
28688	Core	0.718		0.37	9.37	2689.9	675	3.92	0.20	0.46	0.43	18.30	17.2	168	6.33
28689	Core	0.064		0.37	1.81	1716.9	61	0.55	0.07	0.67	1.14	17.74	4.8	192	0.92
28690	Core	0.036		0.23	1.79	700.9	70	0.36	0.04	0.61	0.45	20.96	5.5	219	0.86
28691	Core	0.074		0.26	2.24	788.3	103	0.66	0.07	0.20	1.28	14.44	7.9	176	1.33
28692	Core	0.062		0.27	1.82	793.8	67	0.44	0.07	0.46	0.60	18.85	5.3	187	0.97
28693	Core	0.019		0.16	5.19	68.5	350	1.61	0.14	0.81	0.13	26.73	11.2	159	3.30

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Buchanan et al., 2011

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11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28694	Core	0.050		0.24	8.42	95.0	649	2.79	0.33	0.61	0.38	38.25	18.2	159	5.31
28695	Core	0.017		0.22	>10	41.4	935	3.97	0.40	0.29	0.10	50.61	20.2	123	8.37
28696	Core	0.006		0.11	2.96	13.6	116	0.60	0.08	0.99	0.07	24.44	7.7	138	1.37
28697	Core	0.017		0.26	>10	32.3	987	4.06	0.47	0.36	0.15	41.94	17.9	152	8.81
28698	Core	0.019		0.19	>10	32.9	1067	3.70	0.47	0.17	0.18	95.16	20.7	124	8.50
28699	Core	0.013		0.22	4.55	16.1	290	1.30	0.12	0.46	0.13	43.81	9.2	155	2.47
28700	Core	0.027		0.34	6.04	51.3	396	1.70	0.16	0.55	0.11	43.03	11.0	139	3.50
28701	Core	0.026		0.20	9.97	23.0	885	2.96	0.31	0.31	0.13	92.97	17.1	124	7.54
28702	Reject	0.011		0.19	>10	15.0	820	2.56	0.40	0.49	0.12	64.42	17.1	102	7.28
28703	Reject	0.011		0.14	>10	13.0	811	3.16	0.38	0.52	0.11	40.02	16.9	119	7.24
28704	Core	0.009		0.13	0.06	1.9	21	0.10	0.03	>10	0.16	1.30	1.4	5	0.23
28705	Core	0.012		0.30	8.22	11.3	416	1.28	0.21	1.42	0.12	21.66	8.6	197	4.10

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28654	Core	53.3	4.87	34.81	1.42	4.2	0.08	3.09	13.3	106.7	0.83	571	0.42	0.36	3.1
28655	Core	50.5	4.82	31.22	1.11	4.8	0.08	3.06	29.6	181.7	0.82	556	0.36	0.36	2.9
28656	Core	50.3	5.45	30.38	1.07	4.5	0.08	3.15	25.5	180.2	1.17	688	0.44	0.30	3.4
28657	Core	14.2	1.18	5.33	1.98	1.7	0.02	0.34	9.1	154.8	0.09	229	0.70	0.02	0.7
28658	Core	15.2	1.23	10.10	1.59	2.7	0.02	0.81	10.9	39.5	0.15	361	0.41	0.04	1.1
28659	Core	42.0	2.91	20.85	1.08	3.9	0.04	1.89	10.6	45.2	0.45	683	0.60	0.10	2.4
28660	Core	964.0	1.49	11.52	1.27	<0.1	0.02	0.91	8.8	24.8	0.20	648	0.66	0.06	2.4
28661	Core	18.2	1.05	5.89	1.24	1.5	0.06	0.40	6.2	15.0	0.05	88	0.69	0.02	0.8
28662	Core	21.9	1.11	7.26	1.08	1.6	0.01	0.56	8.6	12.7	0.11	518	0.45	0.02	0.9
28663	Core	25.8	1.25	8.39	1.23	2.3	0.03	0.72	9.8	9.1	0.13	459	0.56	0.03	0.9
28664	Core	19.8	0.96	5.41	1.47	1.5	0.02	0.37	8.5	39.8	0.11	455	0.41	0.02	0.5
28665	Core	32.2	2.47	15.70	1.38	3.1	0.03	1.26	14.4	52.9	0.37	732	0.62	0.07	1.6
28666	Reject	26.5	1.33	5.17	1.03	1.6	0.01	0.34	8.1	6.8	0.30	1000	0.38	0.02	0.6
28667	Pulp	39.0	1.31	8.39	0.30	3.4	0.07	1.12	19.2	9.3	0.75	281	11.65	<0.01	7.8
28668	Reject	17.8	1.37	5.71	1.21	1.4	0.01	0.35	8.7	6.8	0.33	1021	0.51	0.02	1.0
28669	Core	16.6	1.21	6.09	1.04	2.1	0.01	0.41	10.4	7.3	0.28	556	0.66	0.02	1.0
28670	Core	12.4	1.35	7.99	0.95	2.8	0.01	0.52	15.2	42.2	0.24	379	0.45	0.04	1.2
28671	Core	13.9	1.56	11.01	0.96	2.5	0.02	0.90	11.3	21.2	0.36	469	0.64	0.13	1.1
28672	Core	10.9	1.07	5.45	<0.05	1.2	0.01	0.34	11.1	9.0	0.25	392	0.73	0.03	0.8
28673	Core	15.6	1.14	5.67	0.86	1.9	<0.01	0.41	10.1	13.0	0.17	331	0.43	0.03	0.8
28674	Core	11.8	1.07	10.73	0.81	2.2	0.02	0.97	7.2	11.4	0.17	371	0.69	0.07	1.2
28675	Core	13.9	1.51	10.86	0.99	2.9	0.02	0.94	9.7	32.9	0.26	412	0.75	0.08	1.3
28676	Core	11.8	1.19	8.50	0.89	2.6	0.01	0.63	13.4	16.2	0.16	358	0.47	0.06	1.3
28677	Core	14.1	1.00	5.86	1.11	1.8	<0.01	0.35	10.9	22.1	0.17	245	0.87	0.03	0.7
28678	Core	15.2	1.09	5.02	0.80	1.6	<0.01	0.34	9.5	22.0	0.19	298	0.81	0.12	0.7
28679	Core	52.2	3.75	37.35	1.19	7.1	0.07	3.41	29.5	47.6	0.74	260	0.53	0.26	3.7
28680	Core	13.6	1.10	6.15	1.29	1.8	0.01	0.39	9.5	9.9	0.21	165	0.67	0.47	0.7
28681	Core	9.9	1.20	6.77	1.11	2.0	0.01	0.46	11.8	18.9	0.21	199	0.50	0.40	0.8
28682	Core	11.8	1.16	8.87	1.01	18.4	0.02	0.71	9.7	28.8	0.24	195	0.69	0.15	2.2
28683	Core	9.4	1.04	7.93	0.69	4.5	0.01	0.65	12.1	8.5	0.21	210	0.64	0.10	1.5
28684	Core	11.8	0.70	5.36	0.57	2.5	<0.01	0.41	9.8	8.1	0.12	172	0.43	0.03	1.0
28685	Core	15.3	1.42	6.33	1.23	1.8	0.03	0.43	8.6	57.1	0.25	507	0.79	0.02	0.9
28686	Core	69.5	4.46	42.42	1.50	5.7	0.09	3.60	21.1	82.7	0.66	346	0.58	0.21	3.5
28687	Core	63.0	5.12	34.51	1.38	6.4	0.08	3.28	23.4	38.8	0.84	345	0.48	0.18	2.9
28688	Core	51.8	4.43	32.11	1.47	5.5	0.08	3.00	9.4	24.3	0.67	521	0.45	0.15	2.2
28689	Core	15.1	1.41	5.76	1.11	1.4	0.03	0.33	8.1	17.1	0.27	584	0.66	0.02	0.5
28690	Core	13.7	1.16	5.68	1.03	1.6	0.02	0.39	9.3	21.7	0.23	625	0.49	0.02	0.7
28691	Core	16.4	1.55	7.12	1.10	1.7	0.04	0.62	6.7	11.3	0.17	542	0.62	0.03	0.7
28692	Core	14.5	1.35	5.56	0.86	1.5	0.02	0.40	8.7	12.3	0.22	571	0.55	0.02	0.6
28693	Core	26.6	2.92	17.52	0.96	3.6	0.04	1.46	13.7	30.0	0.54	494	0.56	0.16	2.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28694	Core	48.2	4.22	26.59	1.15	4.5	0.07	2.40	20.3	49.3	0.92	488	0.70	0.31	2.5
28695	Core	58.9	4.97	38.17	1.28	6.0	0.09	3.27	29.1	69.2	1.07	377	0.46	0.26	2.8
28696	Core	15.5	2.59	9.06	0.69	2.4	0.02	0.44	11.8	36.9	0.59	799	0.35	0.08	1.0
28697	Core	56.8	4.05	35.03	1.00	5.0	0.09	3.18	24.1	47.2	0.68	384	0.57	0.31	3.0
28698	Core	64.0	4.18	39.10	1.32	5.4	0.10	3.40	51.5	72.9	0.83	332	0.44	0.31	3.1
28699	Core	17.1	2.97	13.59	0.88	3.4	0.03	1.06	21.4	38.7	0.64	658	0.42	0.33	1.6
28700	Core	27.5	3.38	19.24	1.13	4.0	0.04	1.50	21.3	47.4	0.87	693	0.48	0.52	2.1
28701	Core	57.5	4.85	36.20	1.67	5.5	0.08	2.58	47.3	110.0	1.31	449	0.54	0.32	4.8
28702	Reject	54.8	5.31	33.84	1.43	5.1	0.08	2.62	33.6	104.0	1.49	526	0.55	0.41	3.2
28703	Reject	50.6	5.33	30.72	1.20	4.7	0.08	2.60	22.6	110.7	1.47	511	0.66	0.40	3.1
28704	Core	3.0	0.46	0.53	<0.05	0.5	<0.01	0.02	0.7	1.5	>10	217	0.06	<0.01	0.5
28705	Core	25.5	3.88	13.79	0.73	1.9	0.04	2.33	11.9	31.5	0.97	773	1.02	0.36	1.4

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11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28654	Core	45.8	391	36.3	226.2	<0.002	0.115	1.79	23.2	<1.0	3.0	138.5	0.50	0.15	19.8
28655	Core	46.6	412	31.7	206.4	<0.002	0.112	1.61	21.6	<1.0	2.8	132.6	0.57	0.14	26.4
28656	Core	46.2	296	30.0	224.5	<0.002	0.151	1.89	20.3	<1.0	2.9	106.1	0.57	0.15	23.6
28657	Core	10.2	75	34.9	24.5	<0.002	0.586	3.90	2.1	<1.0	1.2	31.6	0.10	0.06	8.2
28658	Core	12.5	79	11.4	54.2	<0.002	0.342	3.07	4.3	<1.0	0.9	25.6	0.14	0.05	11.2
28659	Core	24.5	96	27.6	131.6	<0.002	0.391	2.10	11.3	<1.0	1.9	35.5	0.31	0.15	19.7
28660	Core	204.7	434	16.8	61.7	0.048	0.301	2.29	5.5	<1.0	1.2	42.5	0.21	0.05	12.4
28661	Core	9.7	178	228.5	27.6	<0.002	0.361	3.68	2.4	<1.0	4.0	19.8	0.10	0.06	8.3
28662	Core	11.8	41	27.2	37.6	<0.002	0.429	2.13	2.7	<1.0	1.7	16.2	0.11	<0.05	8.3
28663	Core	12.3	51	70.3	49.2	<0.002	0.613	2.00	3.3	<1.0	2.4	21.0	0.13	0.06	11.7
28664	Core	9.3	76	37.6	23.8	<0.002	0.326	2.79	2.2	<1.0	2.1	24.4	0.08	<0.05	8.5
28665	Core	17.8	263	19.2	100.8	<0.002	0.254	2.36	7.4	<1.0	2.9	74.7	0.20	0.06	16.9
28666	Reject	8.0	299	9.0	23.2	<0.002	0.172	1.49	2.0	<1.0	1.8	72.0	0.06	<0.05	7.5
28667	Pulp	64.6	3040	7.3	120.1	0.037	1.234	22.30	7.7	8.8	2.1	140.2	0.55	0.78	9.6
28668	Reject	8.1	216	10.3	26.7	0.002	0.180	1.71	2.5	<1.0	0.9	83.6	0.08	<0.05	7.8
28669	Core	8.8	35	9.5	27.2	<0.002	0.150	1.24	2.6	<1.0	1.0	35.7	0.11	<0.05	11.4
28670	Core	13.0	43	14.7	35.9	<0.002	0.209	0.92	3.7	<1.0	0.9	18.8	0.14	0.05	14.4
28671	Core	14.0	78	22.4	58.3	<0.002	0.321	1.54	4.6	<1.0	1.1	39.3	0.14	<0.05	12.3
28672	Core	9.0	112	14.9	21.1	0.003	0.276	1.48	2.2	<1.0	0.9	26.8	0.08	<0.05	10.3
28673	Core	9.4	54	11.9	25.2	<0.002	0.345	1.22	2.2	<1.0	1.1	11.7	0.11	<0.05	10.7
28674	Core	11.5	73	9.4	58.4	<0.002	0.119	1.00	4.3	<1.0	1.1	29.5	0.16	<0.05	11.5
28675	Core	14.2	48	11.5	58.6	<0.002	0.197	1.64	4.8	<1.0	1.1	33.5	0.16	0.06	14.0
28676	Core	12.1	49	9.5	41.0	<0.002	0.112	0.77	3.7	<1.0	1.0	19.2	0.13	<0.05	12.0
28677	Core	9.6	79	23.8	23.8	<0.002	0.100	0.93	2.1	<1.0	1.0	29.2	0.07	<0.05	9.9
28678	Core	9.9	81	14.4	22.4	<0.002	0.148	0.65	1.9	<1.0	0.9	32.9	0.08	<0.05	8.7
28679	Core	41.7	620	24.1	240.4	<0.002	0.288	1.91	22.7	<1.0	3.1	99.9	0.55	0.14	33.8
28680	Core	9.5	75	13.5	24.1	<0.002	0.238	1.39	2.2	<1.0	0.8	39.1	0.09	<0.05	9.4
28681	Core	9.5	45	12.9	29.2	<0.002	0.230	1.94	2.5	<1.0	0.7	42.9	0.09	<0.05	11.4
28682	Core	10.3	126	15.3	46.0	<0.002	0.215	1.45	4.7	<1.0	1.0	47.8	0.38	0.07	17.6
28683	Core	9.7	57	10.8	38.1	<0.002	0.101	0.79	3.9	<1.0	0.8	31.7	0.28	<0.05	14.7
28684	Core	7.5	54	10.1	21.7	<0.002	0.091	0.50	2.0	<1.0	0.9	18.4	0.16	<0.05	11.4
28685	Core	9.7	27	68.3	25.3	<0.002	0.544	3.37	2.7	<1.0	1.7	36.8	0.12	0.08	9.1
28686	Core	48.3	283	63.7	238.2	<0.002	0.931	4.41	21.5	<1.0	3.4	111.2	0.83	0.12	24.4
28687	Core	45.5	280	29.8	204.7	<0.002	0.589	2.14	20.8	1.1	3.0	81.1	0.73	0.10	30.1
28688	Core	40.6	281	30.0	184.7	<0.002	0.986	4.14	18.1	<1.0	3.6	88.3	0.51	0.11	24.6
28689	Core	10.2	78	125.4	20.9	<0.002	0.425	2.16	2.3	<1.0	1.8	49.4	0.08	<0.05	8.7
28690	Core	8.6	86	32.4	23.4	<0.002	0.307	1.04	2.3	<1.0	1.6	34.4	0.07	<0.05	9.0
28691	Core	13.0	78	93.6	37.0	<0.002	0.444	1.49	3.2	1.1	4.7	19.3	0.09	<0.05	10.8
28692	Core	9.9	64	71.0	23.5	<0.002	0.426	1.53	2.1	<1.0	2.7	23.2	0.09	<0.05	10.4
28693	Core	25.5	142	21.2	89.8	<0.002	0.175	0.95	9.7	<1.0	1.7	69.3	0.28	0.08	17.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28694	Core	39.5	227	29.6	156.1	<0.002	0.589	2.38	16.1	<1.0	2.4	119.0	0.43	0.17	23.7
28695	Core	48.4	404	23.5	225.1	<0.002	0.282	1.47	24.6	1.4	3.3	139.9	0.66	0.16	30.9
28696	Core	16.3	76	15.3	26.2	<0.002	0.020	0.36	4.1	<1.0	1.0	55.2	0.17	<0.05	11.7
28697	Core	40.9	530	19.8	213.0	<0.002	0.218	1.50	22.4	<1.0	3.1	239.2	0.61	0.19	28.2
28698	Core	48.0	329	22.0	227.4	<0.002	0.155	1.40	24.7	1.3	3.1	161.9	0.68	0.20	32.5
28699	Core	19.2	101	22.0	62.3	<0.002	0.046	0.58	8.1	<1.0	1.4	65.2	0.25	0.10	17.5
28700	Core	28.2	107	17.8	87.2	<0.002	0.096	0.68	10.1	<1.0	1.5	95.8	0.33	0.09	18.8
28701	Core	48.4	214	6.0	189.0	<0.002	0.125	0.60	22.9	<1.0	2.7	160.8	0.68	0.13	29.7
28702	Reject	47.8	243	11.6	160.3	<0.002	0.486	0.92	20.4	<1.0	2.5	148.3	0.66	0.18	27.8
28703	Reject	47.3	220	10.5	174.5	<0.002	0.443	1.00	20.3	1.5	2.5	149.7	0.61	0.18	25.0
28704	Core	0.5	112	4.0	1.4	<0.002	<0.01	<0.05	0.5	1.5	0.4	56.0	0.75	<0.05	0.8
28705	Core	19.6	138	16.5	87.8	0.003	1.594	0.73	8.7	<1.0	1.3	96.5	0.23	0.11	9.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28654	Core	0.067	1.08	3.8	143	1.9	6.2	143	91.7
28655	Core	0.083	1.11	4.6	142	1.7	6.6	139	90.1
28656	Core	0.083	1.13	4.0	144	2.8	6.0	139	87.0
28657	Core	0.015	0.16	1.0	17	3.1	2.3	84	38.0
28658	Core	0.026	0.28	1.3	33	3.7	3.4	89	55.5
28659	Core	0.063	0.67	2.5	79	5.2	4.7	109	82.2
28660	Core	0.031	0.32	1.7	39	2779.8	4.2	103	50.0
28661	Core	0.013	0.13	1.1	15	21.8	2.5	140	37.7
28662	Core	0.018	0.19	0.9	24	15.5	2.4	96	37.5
28663	Core	0.024	0.24	1.2	29	4.6	2.9	120	49.8
28664	Core	0.012	0.13	1.1	17	4.1	2.4	126	33.6
28665	Core	0.039	0.49	2.0	57	6.5	5.6	138	70.2
28666	Reject	0.014	0.15	0.8	23	6.1	3.1	51	32.1
28667	Pulp	0.190	13.05	8.3	423	34.3	24.8	270	79.2
28668	Reject	0.016	0.17	0.8	23	35.3	3.3	48	35.3
28669	Core	0.020	0.14	1.1	26	2.7	2.7	49	48.1
28670	Core	0.028	0.18	1.7	32	2.5	3.5	60	56.3
28671	Core	0.030	0.28	1.5	42	24.9	3.8	47	55.1
28672	Core	0.018	0.11	0.9	24	105.3	2.8	36	41.4
28673	Core	0.018	0.14	1.0	23	5.0	2.4	27	36.7
28674	Core	0.030	0.29	1.3	35	11.6	3.8	74	44.8
28675	Core	0.033	0.29	1.7	41	8.1	3.6	51	57.5
28676	Core	0.027	0.20	1.2	28	2.7	4.0	53	56.2
28677	Core	0.017	0.10	1.0	20	3.0	2.9	41	35.0
28678	Core	0.014	0.11	1.0	19	2.2	2.6	38	31.5
28679	Core	0.108	1.10	4.5	144	3.4	9.7	112	134.1
28680	Core	0.018	0.12	1.1	23	2.3	2.5	38	32.8
28681	Core	0.018	0.14	1.2	24	2.4	2.9	25	38.7
28682	Core	0.024	0.23	1.2	29	1.9	3.1	28	39.6
28683	Core	0.027	0.20	1.4	30	1.8	3.4	24	51.1
28684	Core	0.020	0.13	1.1	20	1.4	2.4	21	35.3
28685	Core	0.015	0.14	0.8	24	1.3	2.5	84	28.0
28686	Core	0.097	1.25	4.0	145	5.1	5.9	152	80.4
28687	Core	0.101	1.16	4.5	142	4.5	8.1	133	99.8
28688	Core	0.076	1.01	4.0	129	4.7	7.4	120	92.2
28689	Core	0.013	0.12	0.7	22	2.6	2.7	97	26.6
28690	Core	0.015	0.12	0.8	22	1.9	2.9	44	29.3
28691	Core	0.017	0.18	0.9	24	2.8	2.7	104	36.2
28692	Core	0.014	0.12	0.9	20	4.6	2.6	56	27.4
28693	Core	0.045	0.44	2.2	72	2.2	5.6	67	69.1

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Certificate of Analysis

11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28694	Core	0.082	0.80	3.4	116	1.7	7.0	111	83.6
28695	Core	0.089	1.13	5.1	154	2.0	8.7	123	110.3
28696	Core	0.023	0.15	1.4	42	1.2	3.5	50	44.7
28697	Core	0.089	1.10	4.7	140	3.5	8.2	102	95.8
28698	Core	0.107	1.21	5.0	158	2.1	8.0	129	100.6
28699	Core	0.040	0.33	2.1	63	1.0	5.0	56	61.5
28700	Core	0.060	0.53	2.6	87	2.3	5.0	76	70.3
28701	Core	0.123	0.88	4.5	145	1.3	8.5	117	107.2
28702	Reject	0.127	0.95	4.5	153	1.2	6.5	129	87.5
28703	Reject	0.098	0.89	4.2	151	1.3	6.9	130	87.7
28704	Core	<0.005	<0.02	0.5	289	0.3	0.8	23	0.9
28705	Core	0.084	0.46	1.7	119	0.6	3.3	102	38.5

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11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag Ag-4A-OR ppm 1.0	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28654	Core			0.23	>10	37.7	913	3.92	0.39	0.20	0.11	21.88	20.6	118	12.11
28654 Dup				0.23	>10	37.4	915	3.95	0.39	0.20	0.11	22.55	19.5	120	12.02
QCV1109-01751-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				60.08											2.69
28672	Core			0.13	2.03	781.4	62	0.50	0.05	0.50	0.15	25.26	4.1	173	1.10
28672 Dup				0.13	2.04	783.6	62	0.49	0.04	0.52	0.15	25.90	4.1	168	1.10
QCV1109-01751-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.52		11.5	417	2.70	7.75		0.19	86.92	22.3		6.66
28690	Core			0.23	1.79	700.9	70	0.36	0.04	0.61	0.45	20.96	5.5	219	0.86
28690 Dup				0.23	1.79	708.9	71	0.37	0.05	0.63	0.45	21.51	5.5	221	0.87
QCV1109-01751-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				60.56											2.70
QCV1109-01751-0010-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.81		10.6	450	2.82	8.07		0.29	93.51	23.7		7.07
28654	Core	0.013													
28654 Dup		0.012													
28672	Core	0.151													
28672 Dup		0.140													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.986													
QCV1109-01752-0004-BLK		<0.005													
28690	Core	0.036													
28690 Dup		0.040													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.003													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28654	Core	53.3	4.87	34.81	1.42	4.2	0.08	3.09	13.3	106.7	0.83	571	0.42	0.36	3.1
28654 Dup		52.7	4.79	34.31	1.26	4.3	0.08	3.02	13.9	105.4	0.80	575	0.42	0.34	3.1
QCV1109-01751-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1016.5													
28672	Core	10.9	1.07	5.45	<0.05	1.2	0.01	0.34	11.1	9.0	0.25	392	0.73	0.03	0.8
28672 Dup		10.6	1.09	5.46	<0.05	1.2	0.01	0.33	11.1	9.0	0.25	407	0.72	0.03	0.8
QCV1109-01751-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		19.65			1.18		41.3	25.8			0.70		13.5
28690	Core	13.7	1.16	5.68	1.03	1.6	0.02	0.39	9.3	21.7	0.23	625	0.49	0.02	0.7
28690 Dup		13.6	1.18	5.76	1.02	1.6	0.02	0.39	9.4	22.1	0.23	631	0.48	0.02	0.7
QCV1109-01751-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1054.8													
QCV1109-01751-0010-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		22.09			1.32		46.0	27.2			0.73		13.8

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11-360-07174-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28654	Core	45.8	391	36.3	226.2	<0.002	0.115	1.79	23.2	<1.0	3.0	138.5	0.50	0.15	19.8
28654 Dup		45.6	397	36.0	231.5	<0.002	0.109	1.71	23.9	<1.0	2.9	130.3	0.51	0.16	20.2
QCV1109-01751-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28672	Core	9.0	112	14.9	21.1	0.003	0.276	1.48	2.2	<1.0	0.9	26.8	0.08	<0.05	10.3
28672 Dup		8.6	118	15.0	21.7	0.003	0.294	1.45	2.3	<1.0	0.9	27.6	0.09	<0.05	10.1
QCV1109-01751-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		41.8		31.7	173.7	0.003	1.261	2.51	15.5	14.2	22.0	34.6	1.51	0.06	27.4
28690	Core	8.6	86	32.4	23.4	<0.002	0.307	1.04	2.3	<1.0	1.6	34.4	0.07	<0.05	9.0
28690 Dup		8.7	99	33.3	23.3	<0.002	0.311	1.06	2.3	<1.0	1.7	34.2	0.07	<0.05	9.1
QCV1109-01751-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
QCV1109-01751-0010-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		44.6		32.5	211.7	0.003	1.362	2.60	17.1	14.5	22.9	38.9	1.67	0.06	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28654	Core	0.067	1.08	3.8	143	1.9	6.2	143	91.7
28654 Dup		0.085	1.16	3.8	142	1.9	6.4	144	92.0
QCV1109-01751-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28672	Core	0.018	0.11	0.9	24	105.3	2.8	36	41.4
28672 Dup		0.018	0.10	0.9	24	104.8	2.8	35	40.8
QCV1109-01751-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.86	3.4			25.7	174	115.1
28690	Core	0.015	0.12	0.8	22	1.9	2.9	44	29.3
28690 Dup		0.015	0.13	0.8	22	2.0	3.0	44	29.3
QCV1109-01751-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
QCV1109-01751-0010-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.93	3.4			26.3	185	117.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 14**
Client Reference: **Core 14**
Description: **3 ACE**

Date Received: 09/16/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	50	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28520	Core		0.129	0.22	2.71	349.9	123	0.58	0.04	0.04	0.46	37.96	3.6	145	4.42
28521	Core		0.266	0.22	2.03	2085.7	82	0.43	0.03	0.03	0.30	31.48	2.7	173	2.96
28522	Core		0.294	0.33	1.89	831.4	93	0.50	0.04	0.08	0.20	29.25	2.8	164	3.52
28523	Core		8.679	2.31	2.10	7287.1	99	0.73	0.12	0.05	0.25	23.00	3.5	201	3.59
28524	Core	13.352	>10	2.31	>10	3307.7	656	3.09	1.22	0.23	1.61	93.40	22.9	153	17.01
28525	Core	13.262	>10	2.14	>10	3296.1	564	2.55	1.92	0.23	5.00	79.65	18.2	159	15.40
28526	Core		0.005	0.19	0.21	4.4	61	0.10	0.09	>10	0.07	5.39	1.8	5	0.53
28527	Core		0.344	0.39	>10	483.6	794	3.33	0.40	0.20	0.10	67.98	19.2	121	19.94
28528	Core		0.340	0.40	>10	347.8	832	3.47	0.40	0.15	0.12	77.31	21.4	136	20.13
28529	Core		0.298	0.20	>10	549.9	825	3.19	0.36	0.16	0.07	99.09	19.5	148	16.62
28530	Core		0.018	0.34	>10	80.7	853	3.48	0.45	0.18	0.08	134.31	19.6	121	16.96
28531	Core		0.043	0.24	>10	130.8	756	2.88	0.36	0.18	0.14	98.71	20.1	127	21.05
28532	Core		0.617	0.30	>10	671.4	791	3.47	0.38	0.14	0.08	71.17	18.6	144	18.66
28533	Core		0.355	0.21	>10	451.0	837	3.40	0.35	0.16	0.12	43.70	19.8	129	18.16
28534	Core		0.920	0.15	2.25	415.7	85	0.54	0.06	0.06	0.06	27.07	3.6	151	2.14
28535	Core		0.012	0.15	2.47	150.3	96	0.67	0.05	0.20	0.07	39.44	3.9	143	2.13
28536	Core		0.031	0.17	3.15	885.6	132	0.77	0.06	0.21	0.11	40.09	7.5	194	1.87
28537	Core		0.023	0.73	3.10	336.4	122	0.62	0.06	0.18	0.13	35.92	5.5	166	2.32
28538	Core		0.113	0.43	3.83	2551.2	216	0.77	0.13	0.60	0.55	36.48	8.6	180	2.68
28539	Core		0.046	2.12	2.99	791.8	121	0.65	0.08	1.42	0.57	23.52	4.6	152	1.80
28540	Core		0.138	2.27	8.19	980.8	345	1.63	0.15	1.10	0.39	32.96	14.4	163	4.29
28541	Core		0.162	0.90	>10	2184.8	121	1.19	0.05	3.44	3.31	31.70	8.7	66	2.87
28542	Core		0.023	0.39	>10	103.1	911	3.45	0.48	0.41	0.29	45.37	20.4	157	8.52
28543	Core		0.011	0.47	>10	37.5	791	3.61	0.44	0.23	0.16	85.42	20.5	121	7.97
28544	Core		0.008	2.42	>10	41.4	673	3.10	0.36	0.28	0.09	77.09	19.4	136	6.46
28545	Core		0.053	0.18	2.88	200.8	103	0.52	0.06	0.34	0.06	49.79	9.9	142	1.24
28546	Core		0.007	0.40	4.76	21.8	240	0.77	0.09	0.27	0.03	66.62	8.3	118	2.58
28547	Core		0.031	0.10	2.29	84.0	81	0.29	0.05	0.72	0.06	44.52	3.5	129	1.20
28548	Core		0.006	0.09	2.36	20.3	91	0.36	0.04	0.75	<0.02	46.63	3.2	128	1.28
28549	Core		0.014	0.53	8.03	31.4	413	1.80	0.20	0.42	0.09	47.98	12.5	129	4.37
28550	Core		0.026	0.43	>10	43.1	678	2.86	0.34	0.41	0.09	80.81	18.7	142	6.80
28551	Core		0.120	0.18	2.87	148.9	98	0.50	0.08	1.13	0.15	31.88	6.6	142	1.15
28552	Core		0.016	0.25	>10	46.1	1069	4.03	0.41	0.70	0.07	89.50	20.6	134	9.65
28553	Core		0.178	0.36	5.87	232.6	329	1.44	0.13	1.06	0.27	47.35	10.6	149	3.21
28554	Core		0.013	0.45	>10	23.6	665	2.10	0.44	0.13	0.03	98.82	17.4	112	6.52
28555	Core		0.005	0.16	>10	12.8	804	2.66	0.40	0.12	0.05	67.48	14.2	110	7.94
28556	Core		0.009	0.25	>10	32.9	849	3.20	0.60	0.29	0.11	79.05	20.3	124	9.34
28557	Core		0.107	0.39	>10	52.0	631	2.91	0.53	0.94	0.12	48.52	17.4	144	10.23
28558	Core		0.095	0.31	>10	48.2	697	2.99	0.46	1.07	0.16	42.19	19.1	148	8.34
28559	Core		0.009	0.24	>10	24.6	688	2.89	0.44	1.08	0.12	65.13	20.7	134	8.46

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Certificate of Analysis

11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28560	Pulp		7.880	0.60	3.44	908.1	163	0.74	0.63	>10	3.98	40.47	6.2	99	6.72
28561	Core		0.015	0.17	>10	25.0	710	2.94	0.42	1.12	0.12	29.07	20.0	145	8.07
28562	Core		<0.005	0.18	4.34	3.3	209	0.85	0.13	0.90	<0.02	44.49	2.4	132	2.14
28563	Core		0.012	0.22	>10	16.8	809	3.31	0.42	0.23	0.07	58.11	21.7	107	8.52
28564	Core		0.010	0.28	>10	15.4	909	3.92	0.50	0.11	0.07	56.22	22.0	108	9.19
28565	Core		0.011	0.23	>10	10.9	815	3.66	0.38	0.18	0.06	37.17	19.0	109	8.45
28566	Core		0.009	0.32	>10	15.0	728	3.02	0.37	0.25	<0.02	57.92	20.2	121	6.75
28567	Core		0.026	0.18	8.03	23.1	493	2.44	0.22	0.25	0.04	58.85	13.3	156	4.90
28568	Core		0.016	0.14	4.52	17.6	229	1.19	0.08	0.08	0.06	51.93	5.8	173	2.36
32501	Core		0.009	0.25	>10	12.4	831	3.42	0.55	0.11	0.08	105.81	21.1	103	7.22
32502	Core		0.152	0.41	2.55	1755.8	97	0.72	0.14	0.30	1.19	28.58	4.4	135	1.49

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28520	Core	10.7	1.08	5.97	1.27	2.1	0.02	0.86	11.7	143.3	0.13	199	0.38	0.04	<0.1
28521	Core	9.8	0.77	4.75	1.38	1.5	0.01	0.62	9.3	74.9	0.06	119	0.45	0.02	<0.1
28522	Core	7.2	0.67	4.53	1.28	18.5	<0.01	0.60	9.2	80.9	0.06	151	0.41	0.02	<0.1
28523	Core	13.3	1.41	6.52	1.96	3.6	0.02	0.69	9.7	174.1	0.15	231	0.68	0.02	<0.1
28524	Core	54.6	4.12	25.89	2.10	5.3	0.08	4.05	26.9	18.8	0.63	386	0.70	0.15	<0.1
28525	Core	39.7	4.04	23.28	1.99	4.1	0.13	3.97	20.5	18.7	0.62	412	0.71	0.15	<0.1
28526	Core	3.1	0.45	0.52	<0.05	0.7	<0.01	0.08	1.6	2.4	>10	209	0.08	<0.01	<0.1
28527	Core	55.4	5.58	27.45	1.34	4.9	0.09	4.17	19.5	65.2	1.18	723	0.57	0.29	<0.1
28528	Core	56.6	5.26	26.40	1.65	4.4	0.08	4.21	29.5	28.9	1.03	635	0.55	0.27	<0.1
28529	Core	56.4	5.41	26.61	1.68	4.8	0.08	4.47	30.2	35.1	1.18	667	0.49	0.28	<0.1
28530	Core	57.9	4.80	27.95	1.43	4.7	0.08	4.36	29.5	104.9	0.98	580	0.47	0.34	<0.1
28531	Core	56.8	5.15	27.49	1.34	4.7	0.08	4.53	29.4	43.1	1.12	655	0.43	0.26	<0.1
28532	Core	62.9	4.78	29.99	1.49	5.2	0.08	4.85	17.7	90.8	1.04	662	0.52	0.23	0.3
28533	Core	49.5	4.94	31.13	1.36	5.1	0.08	4.80	15.0	47.2	1.10	611	0.45	0.25	<0.1
28534	Core	9.9	1.21	4.99	1.20	1.8	<0.01	0.46	10.1	7.2	0.11	347	0.41	0.02	<0.1
28535	Core	8.4	0.95	5.57	1.05	2.4	0.01	0.54	10.5	22.8	0.14	316	0.31	0.03	<0.1
28536	Core	18.5	1.36	6.81	1.19	2.0	0.01	0.74	11.4	13.5	0.16	426	0.49	0.04	<0.1
28537	Core	14.5	1.24	6.26	1.18	2.4	0.01	0.71	10.7	26.3	0.16	364	0.33	0.05	<0.1
28538	Core	16.8	1.70	8.62	1.31	2.4	0.03	1.02	14.5	31.5	0.29	406	0.55	0.06	<0.1
28539	Core	25.4	1.44	5.98	1.20	2.1	0.03	0.70	9.7	25.1	0.27	794	0.35	0.04	<0.1
28540	Core	29.3	2.40	16.79	1.21	4.1	0.04	1.94	9.5	41.7	0.57	660	0.62	0.12	<0.1
28541	Core	44.6	4.71	13.43	0.54	4.7	0.09	1.08	12.7	21.7	1.66	2667	0.31	0.05	<0.1
28542	Core	81.0	4.36	31.10	1.40	4.7	0.09	4.70	27.0	21.3	0.67	658	0.52	0.24	<0.1
28543	Core	71.5	4.84	27.40	1.41	4.6	0.08	4.34	33.2	36.8	0.82	332	0.45	0.27	<0.1
28544	Core	52.7	5.08	26.35	1.52	5.0	0.07	3.74	34.8	35.8	0.85	438	0.48	0.21	<0.1
28545	Core	14.7	1.62	6.01	1.03	1.8	0.01	0.59	10.6	16.5	0.26	528	0.33	0.04	<0.1
28546	Core	17.4	1.69	10.68	0.99	3.5	0.03	1.27	18.1	12.9	0.31	394	0.35	0.13	<0.1
28547	Core	9.0	0.95	4.61	0.79	1.7	<0.01	0.46	9.0	7.7	0.22	334	0.31	0.44	<0.1
28548	Core	6.7	1.01	4.75	0.71	1.6	<0.01	0.52	8.5	9.8	0.23	261	0.28	0.37	<0.1
28549	Core	31.5	3.45	16.44	1.35	4.7	0.05	2.35	19.7	32.7	0.84	373	0.41	0.30	<0.1
28550	Core	44.8	4.43	22.32	1.60	4.7	0.06	3.46	19.6	48.7	1.03	344	0.53	0.26	<0.1
28551	Core	15.0	2.55	5.35	1.08	1.7	0.02	0.46	10.3	21.3	0.65	962	0.31	0.55	<0.1
28552	Core	66.6	4.75	31.51	1.68	5.8	0.09	4.56	35.4	62.6	1.19	540	0.47	0.32	1.8
28553	Core	30.1	3.17	13.71	1.61	3.1	0.04	1.54	8.2	28.9	0.87	772	0.37	0.40	<0.1
28554	Core	52.8	5.07	22.32	1.77	4.3	0.06	3.17	11.3	79.6	1.38	447	0.51	0.35	<0.1
28555	Core	50.0	4.89	24.58	1.69	4.3	0.08	3.57	21.7	82.7	1.42	530	0.57	0.40	0.4
28556	Core	48.9	4.50	22.70	1.60	4.2	0.08	3.43	15.1	59.2	1.01	614	1.36	0.43	1.2
28557	Core	43.4	4.67	21.45	1.48	4.3	0.07	3.11	9.2	46.3	0.90	873	1.22	0.42	<0.1
28558	Core	58.8	4.41	22.98	1.75	3.8	0.07	2.96	13.0	43.7	1.02	743	0.99	0.35	<0.1
28559	Core	51.6	4.62	21.74	1.45	3.7	0.07	2.94	7.5	46.7	1.04	888	0.67	0.40	<0.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28560	Pulp	34.8	1.31	6.06	0.40	3.2	0.06	1.42	17.4	7.7	0.77	278	10.88	<0.01	39.5
28561	Core	47.9	4.58	22.59	1.49	3.9	0.06	2.79	15.1	51.7	0.99	926	0.70	0.39	<0.1
28562	Core	16.1	3.16	9.39	1.25	3.1	0.02	0.83	18.4	47.5	0.89	743	0.57	0.23	<0.1
28563	Core	46.8	5.00	27.50	1.91	4.5	0.07	3.20	16.5	92.0	1.20	379	0.70	0.44	<0.1
28564	Core	48.9	4.53	29.10	1.98	4.5	0.08	3.70	14.4	82.4	1.01	262	0.55	0.58	<0.1
28565	Core	45.6	5.15	26.50	1.78	4.1	0.07	3.41	16.8	95.6	1.16	326	0.53	0.50	<0.1
28566	Core	51.3	5.09	28.46	1.84	4.8	0.06	3.19	19.9	84.1	1.23	335	0.63	0.36	<0.1
28567	Core	33.5	3.75	18.69	1.58	3.8	0.05	2.30	10.7	49.8	0.76	365	0.52	0.16	0.8
28568	Core	22.9	2.05	10.62	1.28	2.6	0.02	1.11	15.4	25.2	0.31	278	0.49	0.08	<0.1
32501	Core	50.9	5.35	27.28	1.65	5.3	0.07	3.12	46.1	100.8	1.13	635	0.35	0.60	<0.1
32502	Core	14.8	0.92	6.50	1.30	2.4	0.03	0.55	12.6	13.8	0.17	275	0.32	0.03	<0.1

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Certificate of Analysis

11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28520	Core	9.1	69	11.6	47.5	<0.002	0.364	1.05	2.6	<1.0	1.3	16.5	0.07	<0.05	11.8
28521	Core	7.4	63	10.9	30.3	<0.002	0.334	3.08	1.6	<1.0	1.5	10.1	0.07	<0.05	8.8
28522	Core	8.3	274	5.6	32.2	<0.002	0.191	1.72	3.7	<1.0	1.3	14.9	0.25	0.08	16.2
28523	Core	11.2	125	7.7	39.8	<0.002	0.471	9.19	3.8	<1.0	1.3	24.2	0.15	0.10	11.9
28524	Core	37.7	161	94.9	221.6	0.002	2.816	7.51	18.3	1.0	4.8	87.5	0.63	0.13	26.0
28525	Core	34.3	160	165.1	204.2	<0.002	2.633	7.57	15.1	1.0	3.8	81.0	0.49	0.14	20.9
28526	Core	<0.2	211	4.9	3.5	<0.002	0.119	0.06	0.6	<1.0	0.3	43.7	0.78	<0.05	1.2
28527	Core	43.5	551	27.2	213.4	0.003	0.398	3.29	19.1	<1.0	3.0	115.3	0.48	0.13	21.1
28528	Core	45.1	428	26.7	225.9	<0.002	1.002	3.67	20.3	<1.0	3.0	112.6	0.44	0.11	23.1
28529	Core	45.5	508	19.1	224.6	<0.002	0.414	3.11	18.4	<1.0	2.6	109.2	0.47	0.07	23.0
28530	Core	44.8	615	32.2	210.7	<0.002	0.161	2.92	21.5	<1.0	2.9	115.9	0.49	0.16	24.8
28531	Core	45.1	608	28.3	234.9	<0.002	0.233	2.69	19.8	<1.0	2.8	95.9	0.52	0.08	24.5
28532	Core	43.3	362	29.4	229.5	<0.002	0.695	3.70	20.4	<1.0	2.8	81.0	0.49	0.13	25.5
28533	Core	43.3	507	14.1	249.3	<0.002	0.715	3.08	22.1	<1.0	3.1	104.1	0.51	0.06	24.8
28534	Core	7.0	75	15.1	27.0	<0.002	0.188	1.27	2.4	<1.0	0.8	11.4	0.09	<0.05	9.2
28535	Core	7.4	73	12.8	27.5	<0.002	0.093	0.75	2.3	<1.0	0.7	21.4	0.09	<0.05	11.5
28536	Core	11.0	133	11.7	36.7	<0.002	0.219	1.44	4.0	<1.0	1.4	22.2	0.10	<0.05	11.8
28537	Core	8.5	82	20.7	34.0	<0.002	0.187	1.09	2.8	<1.0	1.0	19.1	0.11	<0.05	11.7
28538	Core	13.0	811	40.6	50.8	<0.002	0.643	3.29	5.4	<1.0	2.1	45.8	0.14	<0.05	14.6
28539	Core	10.3	77	63.4	33.5	<0.002	0.428	1.58	3.6	<1.0	1.4	44.5	0.10	<0.05	11.9
28540	Core	27.4	857	24.8	96.5	<0.002	0.814	2.63	10.6	<1.0	2.5	80.5	0.23	0.05	23.4
28541	Core	22.8	553	298.5	49.7	<0.002	1.560	4.44	7.1	<1.0	6.5	143.9	0.43	<0.05	28.2
28542	Core	48.6	651	50.3	223.6	<0.002	0.520	2.65	25.1	<1.0	3.6	95.4	0.46	0.13	28.0
28543	Core	43.7	518	21.7	206.4	<0.002	0.300	2.78	23.5	<1.0	2.6	105.8	0.57	0.14	27.9
28544	Core	41.3	399	32.7	178.7	<0.002	0.168	1.95	20.7	<1.0	2.5	80.3	0.40	0.11	26.7
28545	Core	11.3	100	12.3	28.4	<0.002	0.126	0.71	3.3	<1.0	0.6	21.1	0.10	<0.05	10.3
28546	Core	15.2	107	15.7	63.8	<0.002	0.074	0.60	6.7	<1.0	1.0	32.6	0.17	<0.05	18.6
28547	Core	7.0	74	15.7	21.0	<0.002	0.198	0.50	2.2	<1.0	0.7	38.8	0.06	<0.05	9.6
28548	Core	6.5	83	10.2	24.9	<0.002	0.093	0.32	2.1	<1.0	0.6	38.7	0.06	<0.05	9.7
28549	Core	28.1	258	15.4	111.3	<0.002	0.264	1.02	12.1	<1.0	1.6	63.8	0.42	0.06	21.9
28550	Core	42.6	446	35.6	159.2	<0.002	0.479	2.35	17.9	<1.0	2.3	103.9	0.55	0.11	25.6
28551	Core	12.9	276	27.0	22.1	<0.002	0.517	0.85	3.8	<1.0	0.7	79.3	0.09	<0.05	10.1
28552	Core	48.1	513	22.8	232.3	<0.002	0.176	1.69	27.4	<1.0	3.0	145.6	0.69	0.14	30.7
28553	Core	22.0	152	19.2	81.4	<0.002	0.594	1.24	9.0	<1.0	1.6	106.4	0.23	<0.05	14.8
28554	Core	41.6	283	6.2	147.4	<0.002	0.245	1.58	18.6	<1.0	2.9	96.8	0.44	0.15	21.0
28555	Core	42.0	280	6.4	168.0	<0.002	0.380	1.36	21.3	<1.0	2.7	138.1	0.58	0.13	23.2
28556	Core	40.5	452	29.1	175.9	<0.002	1.916	5.03	19.4	<1.0	2.6	165.5	0.50	0.30	17.4
28557	Core	37.1	227	32.3	163.1	<0.002	2.704	7.30	18.5	1.3	3.0	208.8	0.59	0.19	18.9
28558	Core	41.9	287	32.7	159.6	0.002	2.151	4.98	19.8	1.1	2.8	245.7	0.49	0.17	19.4
28559	Core	40.7	200	29.1	146.3	<0.002	1.849	6.26	18.9	<1.0	2.9	212.0	0.43	0.14	18.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28560	Pulp	60.0	4109	5.8	103.8	0.030	1.381	21.40	7.5	7.7	2.3	130.9	0.64	0.56	8.8
28561	Core	41.0	188	28.7	152.8	0.003	1.718	5.63	18.5	<1.0	2.8	217.8	0.45	0.12	20.9
28562	Core	14.9	215	3.7	46.7	<0.002	0.043	0.20	6.9	<1.0	2.2	66.8	0.23	<0.05	15.6
28563	Core	51.9	294	26.9	181.3	<0.002	1.208	5.08	24.3	1.3	2.7	190.2	0.72	0.08	22.3
28564	Core	50.2	349	25.9	190.9	<0.002	1.307	4.71	26.1	<1.0	3.2	232.6	0.66	0.09	22.7
28565	Core	45.2	446	21.2	174.7	<0.002	1.103	4.18	22.9	<1.0	3.4	194.4	0.62	0.07	21.7
28566	Core	49.2	366	17.4	185.0	<0.002	0.366	2.34	22.8	1.2	11.7	162.8	0.61	0.07	23.7
28567	Core	33.8	169	24.0	127.0	<0.002	0.401	1.61	14.5	<1.0	2.0	69.8	0.36	<0.05	19.2
28568	Core	16.5	97	10.4	59.8	<0.002	0.147	0.84	6.3	<1.0	1.9	39.9	0.18	<0.05	14.0
32501	Core	55.8	372	26.4	166.6	0.002	0.115	1.12	24.3	<1.0	2.5	203.6	0.53	0.12	30.5
32502	Core	8.9	55	94.6	30.9	<0.002	0.335	2.25	2.9	<1.0	2.0	25.0	0.12	<0.05	10.7

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Vol 8-234
Buchanan et al., 2011

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Canada

Certificate of Analysis

11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28520	Core	0.018	0.27	1.1	28	1.3	3.5	34	44.6
28521	Core	0.015	0.17	0.9	19	1.3	2.2	25	34.2
28522	Core	0.012	0.20	0.9	17	1.3	3.1	15	36.7
28523	Core	0.016	0.24	1.0	26	1.8	3.2	36	41.7
28524	Core	0.078	1.38	3.2	122	6.2	4.5	225	77.0
28525	Core	0.058	1.31	3.0	116	6.0	4.1	723	69.5
28526	Core	<0.005	0.03	0.6	276	0.1	1.0	18	0.9
28527	Core	0.058	1.31	4.6	147	5.1	7.9	120	98.8
28528	Core	0.076	1.19	4.0	139	6.2	7.5	127	96.3
28529	Core	0.088	1.43	3.5	148	6.6	6.8	124	89.5
28530	Core	0.086	1.28	4.0	146	3.1	7.9	118	101.4
28531	Core	0.091	1.28	3.6	143	3.9	8.3	124	96.5
28532	Core	0.085	1.35	3.9	148	6.6	8.0	113	102.2
28533	Core	0.084	1.45	3.9	165	5.9	7.8	117	98.4
28534	Core	0.012	0.15	0.9	21	2.7	2.9	23	45.2
28535	Core	0.016	0.17	1.2	24	1.8	3.3	40	46.2
28536	Core	0.021	0.20	1.1	31	2.2	4.3	46	46.9
28537	Core	0.023	0.21	1.2	30	2.2	3.6	46	54.6
28538	Core	0.027	0.29	1.5	44	2.6	5.5	66	50.8
28539	Core	0.020	0.19	1.1	31	13.9	3.9	68	51.4
28540	Core	0.030	0.49	2.4	82	19.2	8.6	62	96.7
28541	Core	0.019	0.27	2.6	80	3.8	10.2	263	98.9
28542	Core	0.099	1.21	4.0	149	4.5	8.3	105	97.5
28543	Core	0.106	1.12	4.0	148	2.3	7.0	134	87.1
28544	Core	0.090	0.94	3.9	140	2.2	9.8	118	112.6
28545	Core	0.020	0.16	1.0	30	2.0	3.0	43	39.5
28546	Core	0.035	0.33	1.9	52	3.5	5.9	41	86.3
28547	Core	0.015	0.13	1.0	24	1.0	2.6	16	36.8
28548	Core	0.016	0.13	1.0	25	0.6	2.6	15	36.2
28549	Core	0.062	0.61	2.8	97	1.8	6.4	80	95.9
28550	Core	0.088	0.92	3.9	126	2.2	6.9	106	95.3
28551	Core	0.019	0.13	1.2	37	1.1	3.6	48	35.5
28552	Core	0.128	1.32	4.7	169	2.3	9.3	114	111.6
28553	Core	0.040	0.45	2.0	75	1.7	5.1	72	68.2
28554	Core	0.102	0.84	3.7	142	0.8	5.5	117	83.5
28555	Core	0.121	1.05	3.8	150	1.1	5.9	130	85.0
28556	Core	0.099	1.01	3.4	135	1.0	5.9	111	88.7
28557	Core	0.079	1.03	3.6	129	2.4	5.2	107	76.6
28558	Core	0.067	1.00	3.4	123	2.0	5.4	107	71.5
28559	Core	0.084	0.89	2.9	130	1.2	5.1	96	73.2

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Certificate of Analysis

11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28560	Pulp	0.185	12.05	7.4	416	31.0	23.8	251	76.3
28561	Core	0.074	0.90	3.2	131	1.3	5.8	87	79.6
28562	Core	0.035	0.28	1.8	60	0.3	5.2	59	55.0
28563	Core	0.120	0.99	3.8	152	0.9	6.2	115	91.2
28564	Core	0.115	1.13	3.8	158	1.3	4.5	108	80.4
28565	Core	0.115	0.98	3.6	163	0.8	5.8	117	81.5
28566	Core	0.116	1.00	3.9	163	0.5	7.0	111	96.5
28567	Core	0.073	0.70	2.7	107	2.0	5.0	75	75.5
28568	Core	0.041	0.30	1.5	54	1.6	3.7	48	56.9
32501	Core	0.093	0.84	4.2	141	1.1	8.2	129	105.6
32502	Core	0.018	0.16	1.0	26	1.6	3.1	108	47.9

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11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28520	Core			0.22	2.71	349.9	123	0.58	0.04	0.04	0.46	37.96	3.6	145	4.42
28520 Dup				0.22	2.75	370.6	127	0.57	0.04	0.04	0.45	40.05	3.6	145	4.24
QCV1109-01757-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				61.36											
28538	Core			0.43	3.83	2551.2	216	0.77	0.13	0.60	0.55	36.48	8.6	180	2.68
28538 Dup				0.43	3.94	2333.1	191	1.05	0.13	0.60	0.52	38.16	8.8	174	2.64
QCV1109-01757-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.80		8.8	395	2.33	8.28		0.19		23.2		6.45
28556	Core			0.25	>10	32.9	849	3.20	0.60	0.29	0.11	79.05	20.3	124	9.34
28556 Dup				0.47	>10	32.4	808	2.87	0.60	0.30	0.11	70.44	20.2	132	9.16
QCV1109-01757-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.98		9.8	436	3.09	8.17		0.16		23.7		6.95
QCV1109-01757-0010-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
28520	Core		0.129												
28520 Dup			0.139												
28538	Core		0.113												
28538 Dup			0.122												
STD-OxJ80 expected			2.331												
STD-OxJ80 result			2.483												
QCV1109-01758-0004-BLK			<0.005												
28556	Core		0.009												
28556 Dup			0.008												
QCV1109-01758-0006-BLK			0.008												
STD-OxD87 expected			0.417												
STD-OxD87 result			0.416												

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11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28520	Core	10.7	1.08	5.97	1.27	2.1	0.02	0.86	11.7	143.3	0.13	199	0.38	0.04	<0.1
28520 Dup		10.2	1.07	5.76	1.27	2.2	0.02	0.90	11.4	148.1	0.14	196	0.33	0.04	<0.1
QCV1109-01757-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		1020.2													
28538	Core	16.8	1.70	8.62	1.31	2.4	0.03	1.02	14.5	31.5	0.29	406	0.55	0.06	<0.1
28538 Dup		16.6	1.71	8.21	1.25	2.4	0.03	1.05	13.7	31.7	0.30	410	0.54	0.06	<0.1
QCV1109-01757-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.83		6.5	1.12		38.6	22.4			0.84		
28556	Core	48.9	4.50	22.70	1.60	4.2	0.08	3.43	15.1	59.2	1.01	614	1.36	0.43	1.2
28556 Dup		49.7	4.57	24.45	1.69	13.2	0.08	3.33	12.4	61.0	0.98	621	1.39	0.41	1.1
QCV1109-01757-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		20.89		5.8	1.20		43.1	27.5			0.81		
QCV1109-01757-0010-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1

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11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28520	Core	9.1	69	11.6	47.5	<0.002	0.364	1.05	2.6	<1.0	1.3	16.5	0.07	<0.05	11.8
28520 Dup		9.0	87	11.7	44.7	<0.002	0.363	1.11	2.8	<1.0	1.6	16.0	0.09	<0.05	12.7
QCV1109-01757-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28538	Core	13.0	811	40.6	50.8	<0.002	0.643	3.29	5.4	<1.0	2.1	45.8	0.14	<0.05	14.6
28538 Dup		12.3	837	40.2	49.8	<0.002	0.661	3.24	5.3	<1.0	2.0	43.9	0.13	<0.05	14.8
QCV1109-01757-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		40.6		30.7	176.8	<0.002	1.319	2.78		13.1	20.9	32.5	1.39	<0.05	
28556	Core	40.5	452	29.1	175.9	<0.002	1.916	5.03	19.4	<1.0	2.6	165.5	0.50	0.30	17.4
28556 Dup		43.9	427	27.8	184.0	0.003	1.893	5.42	24.2	1.4	3.3	170.0	1.11	0.39	23.4
QCV1109-01757-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		49.5		32.6	192.1	0.002	1.303	2.83		13.5	21.4	36.0	1.34	0.07	
QCV1109-01757-0010-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2

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11-360-07178-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28520	Core	0.018	0.27	1.1	28	1.3	3.5	34	44.6
28520 Dup		0.021	0.27	1.2	27	1.5	3.2	33	45.7
QCV1109-01757-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28538	Core	0.027	0.29	1.5	44	2.6	5.5	66	50.8
28538 Dup		0.026	0.29	1.7	44	2.7	5.4	66	49.1
QCV1109-01757-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.90	3.2			23.7	176	124.6
28556	Core	0.099	1.01	3.4	135	1.0	5.9	111	88.7
28556 Dup		0.109	1.09	3.4	138	1.1	6.6	106	87.3
QCV1109-01757-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.82	3.0			25.4	181	127.2
QCV1109-01757-0010-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5

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11-360-07179-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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EMail: douellette@northern-tiger.com

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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 16**
Client Reference: **Core 16**
Description: **3 ACE**

Date Received: 09/19/2011
Date Completed: 10/07/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	51	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Canada

Certificate of Analysis

11-360-07179-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28404	Core	0.057	0.48	1.83	719.5	71	0.37	0.21	0.14	0.92	12.20	2.4	109	1.19	16.7
28405	Core	0.118	0.33	3.80	1271.2	143	1.10	0.12	0.24	<0.02	22.87	6.4	138	3.23	13.8
28602	Core	<0.005	0.11	9.04	16.3	425	2.28	0.18	0.06	0.09	60.13	8.4	158	5.40	27.5
28603	Core	<0.005	0.18	7.82	5.3	399	1.61	0.04	0.61	0.09	32.30	7.6	125	4.88	60.4
28604	Core	<0.005	0.34	>10	30.8	647	3.46	0.57	0.08	<0.02	77.91	6.1	101	8.59	47.1
28605	Core	0.006	0.33	>10	18.9	644	4.01	0.51	0.04	0.05	39.95	7.1	128	9.92	42.1
28606	Core	<0.005	0.26	>10	16.6	750	3.61	0.50	0.14	0.08	74.65	19.1	127	9.02	54.9
28607	Core	<0.005	0.12	>10	13.4	628	3.04	0.42	0.18	0.06	101.17	15.7	104	7.66	53.2
28608	Core	<0.005	0.17	>10	12.7	594	3.70	0.44	0.19	0.06	82.89	18.7	96	7.79	52.4
28609	Core	<0.005	0.28	>10	13.3	647	4.05	0.46	0.13	0.08	104.80	16.6	132	8.90	37.9
28610	Core	<0.005	0.21	>10	12.2	576	3.58	0.45	0.19	0.04	104.99	17.5	117	8.17	48.1
28611	Core	<0.005	0.14	>10	8.7	509	3.22	0.41	0.34	0.06	98.92	17.5	91	7.12	47.9
28612	Core	<0.005	0.15	>10	10.5	574	3.94	0.45	0.14	0.07	90.72	17.9	102	8.03	56.7
28613	Core	<0.005	0.22	>10	15.5	622	4.28	0.42	0.20	0.07	88.74	18.5	104	8.85	55.9
28614	Core	<0.005	0.21	>10	17.4	634	4.15	0.51	0.21	0.07	81.74	20.9	105	8.89	56.8
28615	Core	<0.005	0.20	>10	11.0	607	4.14	0.31	0.27	0.07	96.52	19.9	109	8.37	45.5
28616	Core	<0.005	0.29	>10	13.0	987	2.96	0.42	0.27	0.08	97.10	19.6	88	7.90	49.4
28617	Core	<0.005	1.47	>10	12.9	539	3.22	0.42	0.77	0.09	94.42	17.8	88	7.58	51.3
28618	Core	<0.005	0.27	>10	10.4	538	3.11	0.42	0.46	0.06	100.35	17.3	91	7.39	47.3
28619	Core	<0.005	0.36	>10	10.0	611	3.47	0.42	0.56	0.05	88.91	17.7	100	7.96	47.6
28620	Core	0.008	0.39	>10	23.4	648	3.34	0.38	2.54	0.10	70.63	19.6	93	8.84	43.3
28621	Core	0.029	0.27	>10	48.6	683	3.37	0.21	0.19	0.05	83.69	11.7	102	8.78	37.2
28622	Core	0.007	0.31	>10	37.8	603	3.46	0.35	4.01	0.14	71.45	18.5	90	8.53	48.9
28623	Core	0.025	0.36	>10	39.6	749	3.95	0.37	1.33	0.08	61.44	17.4	125	9.60	41.7
28624	Core	0.005	0.26	>10	31.8	752	3.74	0.48	0.47	0.05	81.58	18.3	97	9.39	48.3
28625	Core	<0.005	0.21	>10	17.3	728	4.60	0.33	0.26	0.07	103.39	16.3	109	9.37	47.5
28626	Core	<0.005	0.16	>10	12.2	848	3.36	0.46	0.12	0.03	101.58	16.7	90	7.53	48.3
28627	Core	<0.005	0.19	>10	11.8	639	3.18	0.46	0.31	0.05	89.84	19.6	97	7.00	46.4
28628	Core	<0.005	0.45	>10	12.8	724	4.29	0.31	0.84	0.07	88.80	15.9	121	9.18	46.8
28629	Reject	0.008	0.35	>10	21.3	828	3.31	0.32	0.10	0.06	107.30	12.5	97	8.98	33.2
28630	Pulp	7.686	0.50	3.10	883.7	89	0.84	0.66	>10	<0.02	29.93	5.9	91	6.64	33.8
28631	Reject	<0.005	0.28	>10	22.9	886	3.55	0.39	0.12	0.05	107.09	12.0	109	8.53	39.8
28632	Core	<0.005	0.20	>10	19.9	680	3.30	0.50	0.16	0.04	112.42	14.6	103	7.80	42.3
28633	Core	<0.005	0.32	>10	14.9	694	3.67	0.46	0.15	0.08	98.10	16.4	99	8.30	55.0
28634	Core	<0.005	1.77	>10	14.4	682	3.39	0.40	0.15	0.07	95.49	17.7	101	8.08	44.8
28635	Core	0.011	0.71	>10	18.5	764	3.59	0.43	0.15	0.21	99.53	12.8	103	8.80	47.3
28636	Core	<0.005	0.49	>10	15.2	724	3.52	0.41	0.16	0.74	114.43	15.1	103	8.12	47.5
28637	Core	<0.005	0.62	>10	13.0	738	3.75	0.47	0.20	0.05	107.32	19.1	105	8.33	50.5
28638	Core	<0.005	0.45	>10	18.7	763	3.72	0.49	0.13	0.07	108.73	19.5	109	8.59	51.2
28639	Core	<0.005	0.49	>10	21.9	806	3.86	0.46	0.17	0.06	103.63	17.7	104	8.75	47.6

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28640	Core	<0.005	0.49	>10	22.3	793	4.03	0.41	0.48	0.07	118.86	18.3	108	8.66	48.1
28641	Core	0.009	0.58	>10	25.2	795	3.70	0.52	0.13	0.87	80.31	17.6	95	8.62	48.2
28642	Core	0.059	0.82	>10	64.2	720	3.67	0.64	0.18	<0.02	67.58	19.1	122	8.71	46.3
28643	Core	0.013	0.40	>10	45.3	730	3.66	0.49	0.51	0.13	46.57	19.1	109	8.61	46.8
28644	Core	0.125	1.09	>10	242.3	802	3.73	0.52	0.37	0.33	60.97	18.9	118	11.19	52.5
28645	Core	1.257	0.50	2.31	3425.5	124	0.95	0.07	0.05	0.99	30.67	2.9	88	2.41	8.3
28646	Core	0.322	0.69	4.09	2305.9	232	1.34	0.12	0.05	<0.02	38.32	5.9	127	4.78	25.9
28647	Core	0.417	0.53	2.51	972.7	122	0.88	0.14	0.03	<0.02	29.93	3.6	146	2.52	14.8
28648	Core	0.181	0.41	2.66	824.5	129	0.80	0.18	0.02	0.51	26.15	4.6	95	3.07	18.6
28649	Core	0.728	0.57	2.46	3026.1	110	0.77	0.17	0.11	0.66	20.70	6.3	141	2.65	16.0
28650	Core	1.036	1.07	2.87	3761.4	135	0.81	0.36	0.03	<0.02	28.61	7.7	158	4.50	19.7
28651	Core	1.273	1.40	>10	453.2	717	3.46	0.45	0.09	0.48	39.97	18.3	129	16.69	38.5
28652	Core	0.082	0.86	>10	324.3	726	3.50	0.40	0.25	0.09	68.52	19.1	138	13.56	42.2
28653	Core	0.028	0.50	>10	103.0	710	3.40	0.38	0.16	0.06	47.86	18.6	117	12.16	39.8

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#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28404	Core	1.09	3.19	0.97	1.4	0.09	0.57	5.4	10.8	0.12	254	0.40	0.03	0.6	7.7
28405	Core	1.66	10.65	0.23	2.1	0.08	1.20	10.7	23.0	0.25	333	0.39	0.06	1.3	16.5
28602	Core	3.52	22.01	1.30	3.2	0.05	1.98	31.9	65.1	0.82	585	0.81	0.49	3.2	35.9
28603	Core	4.18	19.04	1.57	2.8	0.05	1.49	17.2	68.4	1.02	825	0.33	0.41	2.4	38.6
28604	Core	4.83	30.26	1.71	4.4	0.08	2.19	41.5	68.4	0.79	225	0.92	0.77	3.3	28.2
28605	Core	4.44	32.10	1.60	3.8	0.07	2.88	21.7	64.4	0.65	199	0.64	0.81	2.9	28.1
28606	Core	5.22	35.08	1.73	4.6	0.08	2.31	39.5	113.2	1.23	556	0.43	0.80	3.0	57.3
28607	Core	5.56	30.73	1.63	3.9	0.07	2.20	53.8	111.9	1.29	587	0.34	0.71	3.3	56.7
28608	Core	5.36	30.85	1.71	4.3	0.08	2.26	44.5	125.3	1.32	579	0.39	0.75	3.9	54.6
28609	Core	5.57	37.26	1.91	4.9	0.08	2.41	54.0	144.9	1.37	516	0.32	0.90	5.4	60.7
28610	Core	5.19	32.14	1.95	4.7	0.08	2.07	55.8	128.0	1.24	485	0.39	0.88	4.5	54.9
28611	Core	5.59	30.77	1.76	4.5	0.08	2.14	52.7	121.9	1.35	811	0.38	0.79	3.6	54.2
28612	Core	5.27	33.52	1.81	4.2	0.08	2.11	49.2	141.2	1.26	395	0.37	0.91	3.2	55.4
28613	Core	5.11	34.19	1.85	3.8	0.08	2.36	48.1	134.4	1.23	399	0.22	0.95	1.7	54.4
28614	Core	5.49	36.68	1.89	3.9	0.08	2.14	42.8	150.8	1.29	560	0.20	0.88	2.8	54.7
28615	Core	5.21	34.54	1.98	4.1	0.08	2.04	51.9	150.5	1.25	519	0.27	0.88	4.9	54.5
28616	Core	5.63	28.70	1.71	15.3	0.08	2.05	49.6	128.5	1.31	586	0.39	0.79	8.3	57.6
28617	Core	5.39	31.84	1.74	5.7	0.08	1.95	50.4	129.6	1.30	697	0.35	0.80	5.2	56.0
28618	Core	5.25	29.67	1.50	5.0	0.07	2.08	50.8	119.2	1.28	676	0.41	0.82	4.0	52.1
28619	Core	5.15	31.10	1.71	4.8	0.07	2.12	47.2	122.3	1.28	697	0.41	0.82	3.7	51.9
28620	Core	4.78	31.08	1.53	4.0	0.07	2.30	38.5	100.3	1.03	1150	0.63	0.81	4.1	50.0
28621	Core	4.76	32.67	1.61	4.7	0.07	2.36	45.3	100.2	1.20	706	0.38	0.75	4.9	48.0
28622	Core	4.66	30.46	1.58	4.0	0.07	2.20	39.2	107.4	1.12	1071	0.49	0.79	4.3	48.2
28623	Core	4.76	33.21	1.66	4.2	0.07	2.52	33.9	97.1	1.04	808	0.59	0.80	4.4	47.5
28624	Core	5.08	33.38	1.51	4.2	0.08	2.41	43.6	106.7	1.27	793	0.31	0.78	4.8	53.2
28625	Core	5.21	36.74	1.92	4.3	0.08	2.35	54.4	127.6	1.24	628	0.33	0.86	4.5	52.3
28626	Core	5.41	31.02	1.78	4.4	0.07	2.27	56.1	118.9	1.23	480	0.36	0.80	3.6	51.4
28627	Core	5.72	32.08	1.95	4.5	0.07	2.08	49.1	120.4	1.30	756	0.34	0.72	3.4	53.5
28628	Core	4.62	33.59	1.75	4.2	0.09	2.32	48.2	126.1	1.03	657	0.39	0.72	4.2	47.7
28629	Reject	5.06	29.95	0.58	4.2	0.08	2.14	55.8	106.1	0.96	450	0.32	0.73	4.0	47.0
28630	Pulp	1.33	6.71	<0.05	2.3	0.06	1.05	18.2	8.0	0.73	279	11.46	<0.01	4.8	63.7
28631	Reject	5.31	31.95	1.79	4.9	0.08	2.44	57.0	114.4	1.17	506	0.37	0.77	4.3	50.1
28632	Core	5.68	33.35	1.82	4.3	0.08	2.44	58.7	120.7	1.21	505	0.32	0.72	4.4	52.9
28633	Core	5.72	31.25	1.76	4.7	0.07	2.29	54.0	128.1	1.24	587	0.31	0.73	4.0	54.7
28634	Core	5.50	30.89	1.62	4.5	0.07	2.39	53.4	111.7	1.16	552	0.40	0.70	3.2	53.0
28635	Core	5.27	30.57	1.47	4.7	0.08	2.49	54.3	102.6	1.11	477	0.34	0.69	2.7	51.1
28636	Core	5.43	31.44	1.66	4.6	0.07	2.40	60.1	108.0	1.20	465	0.31	0.69	4.1	52.2
28637	Core	5.64	31.46	1.71	4.9	0.07	2.38	57.9	125.1	1.24	498	0.33	0.67	4.2	55.8
28638	Core	5.41	32.32	1.80	5.1	0.08	2.51	59.0	117.5	1.18	485	0.47	0.69	4.5	53.4
28639	Core	5.26	32.44	1.81	5.2	0.08	2.60	54.9	112.1	1.19	510	0.43	0.68	4.8	50.9

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28640	Core	5.28	33.46	1.85	5.4	0.08	2.57	62.1	113.7	1.15	1050	0.41	0.62	4.9	50.5
28641	Core	5.22	30.47	1.50	4.8	0.09	2.76	43.0	89.2	1.09	547	0.41	0.58	4.1	52.5
28642	Core	4.74	30.82	1.59	5.2	0.12	2.86	37.4	77.8	0.84	745	0.47	0.50	5.1	47.6
28643	Core	5.56	29.03	1.46	5.3	0.08	2.64	24.2	79.8	1.03	1291	0.37	0.43	2.4	47.6
28644	Core	5.38	29.24	1.57	5.7	0.08	2.98	33.1	110.6	0.98	1003	0.42	0.42	2.8	55.0
28645	Core	0.92	7.70	1.52	2.3	0.01	0.74	14.0	27.9	0.07	72	0.41	0.04	1.0	8.8
28646	Core	1.44	12.17	1.74	3.0	0.03	1.19	18.7	44.4	0.13	85	0.47	0.07	1.7	17.0
28647	Core	0.66	7.58	1.53	2.0	0.02	0.76	13.8	15.4	0.07	26	0.45	0.03	1.1	7.6
28648	Core	2.12	8.13	1.46	2.3	0.04	0.75	12.2	15.7	0.06	13	2.34	0.03	1.1	8.6
28649	Core	0.86	7.01	1.73	2.0	0.03	0.67	9.6	11.7	0.06	16	0.84	0.03	0.7	11.7
28650	Core	1.40	7.64	1.61	19.7	0.08	0.84	13.6	15.6	0.08	81	0.58	0.03	4.3	13.6
28651	Core	4.75	28.50	1.52	5.2	0.07	3.27	21.9	119.3	0.88	577	0.59	0.24	4.7	45.3
28652	Core	4.82	29.62	1.62	5.1	0.07	3.23	35.4	127.4	0.99	573	0.48	0.28	4.0	44.8
28653	Core	5.46	27.17	1.44	4.8	0.07	3.09	25.6	116.1	1.03	652	0.51	0.31	3.1	52.8

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28404	Core	79	209.2	29.3	<0.002	0.649	1.74	1.5	<1.0	8.5	11.9	0.08	<0.05	10.3	0.013
28405	Core	87	145.2	72.1	0.002	1.084	2.61	6.3	<1.0	5.8	35.9	0.11	<0.05	15.8	0.033
28602	Core	350	11.4	114.1	<0.002	<0.01	0.68	14.7	<1.0	2.2	135.1	0.28	<0.05	20.5	0.076
28603	Core	466	11.6	98.3	<0.002	<0.01	0.35	12.6	<1.0	1.5	105.9	0.30	<0.05	14.5	0.051
28604	Core	214	27.4	158.4	<0.002	0.177	7.32	22.4	<1.0	2.3	193.5	0.56	0.18	23.3	0.084
28605	Core	222	21.7	197.6	<0.002	0.677	4.49	25.3	<1.0	2.5	193.9	0.68	0.12	19.9	0.073
28606	Core	519	42.9	159.3	<0.002	0.082	1.06	24.4	<1.0	2.5	200.2	0.68	0.08	25.6	0.068
28607	Core	608	17.6	159.5	0.003	0.016	0.78	22.4	<1.0	2.2	180.3	0.33	0.10	29.2	0.081
28608	Core	514	29.3	146.5	<0.002	0.039	0.82	21.5	<1.0	2.3	191.3	0.40	0.07	27.5	0.091
28609	Core	466	118.2	151.8	<0.002	<0.01	0.61	26.1	<1.0	2.6	213.7	0.56	0.07	30.5	0.120
28610	Core	517	20.6	137.7	<0.002	0.019	0.88	24.1	<1.0	2.4	217.8	0.49	0.12	32.6	0.101
28611	Core	530	17.2	135.7	<0.002	0.025	0.90	22.5	<1.0	2.1	196.6	0.42	0.11	30.2	0.081
28612	Core	615	23.6	139.6	<0.002	0.030	0.77	25.5	<1.0	2.3	221.3	0.42	0.09	28.4	0.073
28613	Core	821	30.0	157.5	<0.002	0.019	0.85	25.9	<1.0	2.3	232.1	0.53	0.09	25.9	0.043
28614	Core	661	45.2	150.8	<0.002	0.089	1.06	25.6	1.0	2.4	221.0	0.40	0.11	24.6	0.061
28615	Core	602	23.6	148.4	<0.002	0.083	1.09	26.3	<1.0	2.4	223.0	0.44	0.07	27.7	0.107
28616	Core	611	24.9	146.6	0.002	0.130	1.65	26.6	<1.0	2.3	222.1	0.73	0.21	34.2	0.115
28617	Core	627	27.0	143.2	<0.002	0.100	1.29	21.4	<1.0	2.2	227.7	0.61	0.12	30.5	0.098
28618	Core	528	23.5	137.9	<0.002	0.073	1.10	23.0	<1.0	2.1	215.2	0.43	0.08	30.5	0.093
28619	Core	546	27.4	147.8	<0.002	0.057	0.98	24.7	<1.0	2.2	215.0	0.49	0.07	28.7	0.080
28620	Core	357	25.3	165.7	<0.002	0.149	4.54	23.1	<1.0	2.4	239.7	0.55	0.11	22.6	0.093
28621	Core	364	14.4	159.1	<0.002	0.279	1.24	25.2	<1.0	2.3	199.6	0.62	<0.05	27.9	0.112
28622	Core	665	28.7	148.9	<0.002	0.141	2.37	23.7	<1.0	2.2	253.6	0.57	0.08	24.2	0.100
28623	Core	288	22.5	182.4	0.002	0.521	4.92	25.5	<1.0	2.5	226.5	0.59	0.07	22.1	0.104
28624	Core	446	24.4	181.9	<0.002	0.380	2.61	26.3	<1.0	2.6	216.1	0.49	0.11	25.3	0.098
28625	Core	683	18.4	171.4	0.002	0.062	1.17	29.6	<1.0	2.6	227.9	0.46	0.09	26.7	0.100
28626	Core	419	18.3	155.9	0.002	0.066	1.14	22.5	<1.0	2.4	208.7	0.37	0.07	29.1	0.088
28627	Core	507	16.9	145.3	0.002	0.085	1.31	23.5	<1.0	2.2	172.5	0.39	0.10	26.8	0.080
28628	Core	339	25.2	169.1	<0.002	<0.01	0.81	28.1	<1.0	2.7	245.4	0.47	0.06	26.7	0.096
28629	Reject	424	13.9	158.0	<0.002	0.011	1.00	26.0	<1.0	2.4	190.9	0.32	<0.05	29.7	0.098
28630	Pulp	3801	6.7	112.6	0.038	0.973	24.43	7.1	7.4	1.3	128.5	0.28	0.51	9.4	0.175
28631	Reject	489	14.4	168.8	0.002	0.015	1.06	24.8	<1.0	2.5	216.4	0.41	0.08	31.3	0.095
28632	Core	698	24.0	157.2	0.003	0.024	1.05	24.3	<1.0	2.4	188.8	0.35	0.13	28.8	0.098
28633	Core	557	37.5	155.4	0.003	0.042	0.98	24.0	<1.0	2.4	194.6	0.51	0.10	28.7	0.089
28634	Core	537	19.7	172.4	<0.002	0.030	0.82	25.3	<1.0	2.4	191.9	0.58	0.10	26.3	0.078
28635	Core	595	32.1	171.5	<0.002	0.038	0.98	25.3	<1.0	2.7	195.7	0.63	0.09	29.1	0.075
28636	Core	668	21.8	178.5	<0.002	0.025	1.11	25.7	<1.0	2.4	198.4	0.71	0.08	31.9	0.117
28637	Core	828	24.2	179.9	0.002	0.073	1.26	26.0	<1.0	2.3	189.3	0.61	0.08	30.5	0.097
28638	Core	551	26.3	184.8	<0.002	0.073	1.56	26.8	<1.0	2.6	194.4	0.69	0.10	32.8	0.098
28639	Core	633	26.3	174.7	<0.002	0.100	1.44	26.0	<1.0	2.5	188.3	0.72	0.10	30.3	0.095

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11-360-07179-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28640	Core	815	19.2	181.9	<0.002	0.078	1.59	27.8	<1.0	2.5	183.0	0.78	0.08	32.6	0.098
28641	Core	501	158.3	173.9	<0.002	0.238	1.46	25.7	<1.0	2.7	164.9	0.64	0.10	28.5	0.099
28642	Core	553	170.2	190.2	<0.002	0.630	2.35	26.5	<1.0	3.1	146.0	0.71	0.11	31.1	0.087
28643	Core	511	42.0	178.2	<0.002	0.537	3.15	24.0	<1.0	2.3	141.3	0.49	0.12	24.4	0.064
28644	Core	460	50.7	199.0	0.002	0.236	3.66	26.2	1.1	2.6	133.0	0.52	0.11	28.0	0.074
28645	Core	177	11.7	45.4	<0.002	0.279	5.98	2.5	<1.0	0.9	25.2	0.15	0.05	12.2	0.021
28646	Core	180	21.6	74.8	<0.002	0.499	4.99	7.4	<1.0	1.7	25.1	0.21	<0.05	17.2	0.039
28647	Core	109	25.3	45.9	<0.002	0.416	2.82	3.5	<1.0	2.2	11.8	0.12	<0.05	12.9	0.025
28648	Core	59	31.7	50.6	<0.002	2.447	6.83	3.7	<1.0	2.0	11.5	0.13	<0.05	13.1	0.025
28649	Core	536	30.9	38.6	<0.002	0.678	5.68	3.2	<1.0	2.1	26.0	0.09	<0.05	11.4	0.018
28650	Core	98	57.7	51.9	<0.002	1.224	6.56	7.0	<1.0	2.9	15.5	0.41	0.12	22.3	0.024
28651	Core	299	35.1	222.9	<0.002	1.102	4.56	22.9	<1.0	2.5	86.1	0.86	0.10	22.1	0.089
28652	Core	955	30.1	216.7	<0.002	0.356	3.10	24.1	1.0	2.5	99.6	0.76	0.11	26.2	0.086
28653	Core	490	15.2	193.8	<0.002	0.248	2.52	20.8	<1.0	2.2	94.1	0.65	0.12	22.8	0.077

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28404	Core	0.15	0.8	29	1.3	2.0	292	26.0
28405	Core	0.36	1.6	56	2.1	3.9	218	51.0
28602	Core	0.68	2.8	75	0.4	5.2	75	62.5
28603	Core	0.53	2.2	75	0.3	5.4	98	53.4
28604	Core	0.87	3.5	122	0.4	5.8	91	82.4
28605	Core	1.03	3.6	124	0.4	5.2	82	73.6
28606	Core	0.97	3.9	135	0.4	8.0	134	89.3
28607	Core	0.81	4.2	112	0.4	8.6	137	85.5
28608	Core	0.80	4.1	110	0.4	7.7	145	89.0
28609	Core	0.85	3.8	131	0.6	8.6	140	103.4
28610	Core	0.80	3.6	125	0.5	8.6	128	93.9
28611	Core	0.71	3.9	104	0.4	8.9	134	94.1
28612	Core	0.74	4.4	112	0.4	8.0	135	83.7
28613	Core	0.79	3.9	119	0.3	7.0	131	69.9
28614	Core	0.81	3.9	119	0.3	7.5	143	71.8
28615	Core	0.72	3.6	118	0.5	8.0	136	79.3
28616	Core	0.71	3.4	94	0.6	9.1	138	88.4
28617	Core	0.73	4.5	94	0.5	9.7	136	93.1
28618	Core	0.74	4.2	103	0.4	9.0	131	97.1
28619	Core	0.78	4.1	113	0.4	8.5	128	87.7
28620	Core	0.86	3.5	113	0.5	8.3	133	74.8
28621	Core	0.93	4.3	114	0.9	8.1	110	85.9
28622	Core	0.80	4.0	114	0.7	9.0	124	74.8
28623	Core	0.96	3.7	118	0.6	7.2	116	74.9
28624	Core	0.99	3.9	110	0.6	7.7	126	76.2
28625	Core	0.87	4.0	127	0.5	9.1	130	78.8
28626	Core	0.85	4.1	99	0.5	7.7	133	77.1
28627	Core	0.80	3.8	103	0.4	8.6	133	78.9
28628	Core	0.96	3.6	117	0.5	7.6	118	77.7
28629	Reject	0.91	3.9	94	0.5	7.7	108	83.5
28630	Pulp	13.11	8.0	368	24.0	26.4	266	63.4
28631	Reject	0.93	4.2	103	1.0	8.2	115	86.4
28632	Core	0.88	3.9	109	0.6	8.2	121	83.9
28633	Core	0.88	4.3	112	0.6	7.5	134	84.1
28634	Core	0.83	3.9	115	0.5	8.2	133	83.5
28635	Core	0.92	4.2	123	0.5	7.5	121	82.4
28636	Core	0.92	4.4	120	0.5	8.4	139	85.7
28637	Core	0.89	4.9	127	0.5	9.5	136	87.3
28638	Core	0.99	4.9	126	0.7	8.8	124	87.7
28639	Core	0.93	4.7	125	0.7	8.4	126	88.5

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11-360-07179-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28640	Core	0.96	5.0	130	0.7	10.2	128	94.2
28641	Core	0.93	4.9	117	0.7	7.6	167	91.5
28642	Core	1.10	5.2	125	1.2	9.3	250	94.5
28643	Core	0.95	4.6	117	0.8	8.6	122	94.1
28644	Core	1.15	4.8	124	1.4	8.6	160	98.7
28645	Core	0.22	1.3	43	1.7	3.4	37	39.9
28646	Core	0.39	2.0	61	2.7	4.7	91	59.9
28647	Core	0.25	1.1	49	1.7	3.1	20	43.4
28648	Core	0.31	1.2	47	2.3	3.5	20	46.9
28649	Core	0.22	1.6	42	2.8	3.9	36	41.6
28650	Core	0.33	1.3	40	2.4	3.4	215	47.8
28651	Core	1.16	3.7	109	4.1	6.6	140	83.6
28652	Core	1.12	4.1	115	3.7	9.1	139	93.4
28653	Core	1.00	3.6	105	3.4	7.3	139	91.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28404	Core		0.48	1.83	719.5	71	0.37	0.21	0.14	0.92	12.20	2.4	109	1.19	16.7
28404 Dup			0.47	1.84	724.3	70	0.37	0.20	0.14	0.83	12.63	2.5	110	1.21	16.9
QCV1109-01975-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			59.77												981.9
28618	Core		0.27	>10	10.4	538	3.11	0.42	0.46	0.06	100.35	17.3	91	7.39	47.3
28618 Dup			0.26	>10	10.1	531	3.09	0.43	0.48	0.05	96.16	17.2	90	7.41	47.0
QCV1109-01975-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.79												999.0
28636	Core		0.49	>10	15.2	724	3.52	0.41	0.16	0.74	114.43	15.1	103	8.12	47.5
28636 Dup			0.48	>10	15.6	721	3.43	0.42	0.16	0.74	120.65	14.9	101	8.16	47.7
QCV1109-01975-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.92												979.4
QCV1109-01975-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.98		13.7	434	2.44	8.08		0.30		22.4		7.01	>10000
28404	Core	0.057													
28404 Dup		0.065													
28618	Core	<0.005													
28618 Dup		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.398													
QCV1109-01976-0004-BLK		<0.005													
28636	Core	<0.005													
28636 Dup		0.005													
QCV1109-01976-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.712													

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11-360-07179-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28404	Core	1.09	3.19	0.97	1.4	0.09	0.57	5.4	10.8	0.12	254	0.40	0.03	0.6	7.7
28404 Dup		1.09	3.27	0.98	1.3	0.09	0.56	5.5	10.8	0.12	248	0.40	0.03	0.6	8.0
QCV1109-01975-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28618	Core	5.25	29.67	1.50	5.0	0.07	2.08	50.8	119.2	1.28	676	0.41	0.82	4.0	52.1
28618 Dup		5.38	29.16	1.51	4.9	0.07	2.04	50.7	120.7	1.29	691	0.42	0.80	4.0	53.7
QCV1109-01975-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28636	Core	5.43	31.44	1.66	4.6	0.07	2.40	60.1	108.0	1.20	465	0.31	0.69	4.1	52.2
28636 Dup		5.43	31.36	1.71	4.6	0.07	2.40	60.9	107.9	1.20	467	0.30	0.69	4.0	51.6
QCV1109-01975-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-01975-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result						1.14		47.3	24.4			0.90			45.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28404	Core	79	209.2	29.3	<0.002	0.649	1.74	1.5	<1.0	8.5	11.9	0.08	<0.05	10.3	0.013
28404 Dup		77	209.6	29.8	<0.002	0.618	1.76	1.5	<1.0	8.5	11.8	0.08	<0.05	10.9	0.015
QCV1109-01975-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28618	Core	528	23.5	137.9	<0.002	0.073	1.10	23.0	<1.0	2.1	215.2	0.43	0.08	30.5	0.093
28618 Dup		544	23.2	137.2	<0.002	0.068	1.04	22.9	<1.0	2.1	213.0	0.43	0.08	29.0	0.088
QCV1109-01975-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28636	Core	668	21.8	178.5	<0.002	0.025	1.11	25.7	<1.0	2.4	198.4	0.71	0.08	31.9	0.117
28636 Dup		653	22.0	179.1	<0.002	0.025	1.06	25.5	<1.0	2.3	198.8	0.69	0.08	31.1	0.098
QCV1109-01975-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1109-01975-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380			12.9	22.6					
STD-OREAS94-4A result			35.0	191.2	0.004	1.322			14.3	21.7	33.8	2.60	<0.05		

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11-360-07179-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28404	Core	0.15	0.8	29	1.3	2.0	292	26.0
28404 Dup		0.15	0.8	30	1.3	2.1	284	26.6
QCV1109-01975-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28618	Core	0.74	4.2	103	0.4	9.0	131	97.1
28618 Dup		0.74	4.2	102	0.4	9.0	131	98.9
QCV1109-01975-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28636	Core	0.92	4.4	120	0.5	8.4	139	85.7
28636 Dup		0.91	4.3	123	0.5	8.4	140	85.6
QCV1109-01975-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1109-01975-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								
STD-OREAS94-4A result		0.86	3.3			25.6		120.2

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 17**
Client Reference: **Core 17**
Description: **3 ACE**

Date Received: 09/19/2011
Date Completed: 10/07/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	47	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Certificate of Analysis

11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28470	Core		0.044	0.20	5.21	100.4	289	1.48	0.12	0.04	0.03	36.48	4.1	217	4.40
28471	Core		<0.005	0.20	>10	15.8	602	3.04	0.38	0.15	0.04	85.72	12.4	105	8.16
28472	Core		<0.005	0.20	>10	15.9	592	3.94	0.40	0.14	0.12	69.66	23.3	109	8.18
28473	Core		<0.005	0.18	>10	13.5	568	3.76	0.43	0.17	0.05	71.48	15.6	113	7.86
28474	Core		<0.005	0.23	>10	23.6	659	4.04	0.61	0.18	0.06	65.97	16.4	127	9.21
28475	Core		<0.005	0.14	>10	17.6	634	3.04	0.35	0.20	0.06	39.73	10.2	131	9.41
28476	Core		<0.005	0.19	>10	15.7	635	3.67	0.41	0.13	0.07	71.11	18.4	191	9.43
28477	Core		<0.005	0.16	>10	12.8	634	3.45	0.37	0.46	0.08	62.77	14.5	148	9.17
28478	Core		<0.005	0.15	>10	10.8	501	2.61	0.38	1.92	0.07	51.02	16.4	120	6.91
28479	Core		<0.005	0.14	9.31	6.4	556	2.66	0.21	3.98	0.08	45.30	14.1	150	7.42
28480	Core		<0.005	0.20	>10	18.1	767	3.84	0.49	0.16	0.03	80.30	18.9	147	10.03
28481	Core		<0.005	0.20	>10	10.8	687	3.57	0.36	0.25	0.04	90.68	17.9	116	9.92
28482	Core		<0.005	0.16	>10	8.5	670	3.24	0.44	0.31	0.07	55.62	18.0	103	8.31
28483	Core		<0.005	0.19	>10	11.3	705	3.45	0.38	0.20	0.06	74.07	15.8	100	8.64
28484	Core		<0.005	0.20	>10	13.4	686	3.28	0.43	0.19	0.05	108.67	17.6	105	8.67
28485	Core		<0.005	0.20	>10	15.9	694	3.53	0.63	0.19	0.07	115.47	18.3	102	8.97
28486	Core		<0.005	0.18	>10	11.1	742	3.44	0.37	0.17	0.06	111.58	17.4	105	9.35
28487	Core		<0.005	0.88	>10	13.4	765	3.56	0.44	0.14	0.07	109.17	19.1	106	8.88
28488	Reject		<0.005	0.27	>10	13.8	749	3.24	0.35	0.20	0.11	85.53	15.7	99	8.56
28489	Pulp		8.367	0.59	3.04	823.4	155	0.76	0.54	>10	3.97	26.99	6.2	95	6.69
28490	Reject		0.006	0.25	>10	13.8	732	3.09	0.37	0.27	0.14	88.11	17.5	100	8.37
28491	Core		<0.005	0.19	>10	10.1	730	3.01	0.34	0.11	0.13	107.96	17.5	105	8.17
28492	Core		<0.005	0.21	>10	10.8	742	3.28	0.37	0.14	0.09	93.98	17.3	113	8.12
28493	Core		<0.005	0.22	>10	11.3	751	3.07	0.36	0.28	0.07	91.53	19.4	110	8.19
28494	Core		<0.005	0.21	>10	10.9	704	3.00	0.37	0.18	0.08	95.60	17.2	110	7.58
28495	Core		<0.005	0.21	>10	9.2	755	2.93	0.37	0.32	0.12	80.08	17.2	104	8.20
28496	Core		<0.005	0.18	>10	12.9	781	3.34	0.35	0.27	0.12	83.44	18.2	100	8.35
28497	Core		<0.005	0.18	>10	14.5	743	3.02	0.38	0.27	0.09	63.93	17.8	111	7.84
28498	Core		0.019	0.49	>10	51.7	769	3.22	0.32	0.19	0.14	41.58	19.6	115	8.19
28499	Core		<0.005	0.31	>10	22.6	724	2.79	0.35	0.30	0.07	70.31	18.2	108	8.14
28500	Core		<0.005	0.30	>10	27.4	726	3.57	0.39	0.26	0.13	84.71	20.9	127	8.35
28501	Core		0.022	0.23	>10	175.6	769	4.09	0.42	0.15	0.34	50.15	21.6	116	9.11
28502	Core		0.222	0.55	2.27	1634.4	109	0.72	0.17	0.41	5.11	22.03	5.1	165	2.21
28503	Core		0.026	0.21	5.64	360.5	357	1.88	0.18	0.11	1.55	50.13	8.9	176	5.44
28504	Core		0.080	0.31	2.53	668.1	115	0.61	0.06	0.94	0.24	31.03	5.4	183	2.86
28505	Core		0.327	0.30	3.56	2906.6	482	1.19	0.11	0.21	0.65	34.75	6.6	251	3.25
28506	Core		0.099	0.19	4.54	458.7	249	1.16	0.13	0.49	0.84	23.66	7.7	172	6.06
28507	Core		0.231	0.14	2.31	855.4	112	0.69	0.04	0.79	1.07	25.54	5.3	217	2.77
28508	Core		0.103	0.62	2.84	287.4	159	0.80	0.33	0.79	5.75	30.71	4.8	169	4.13
28509	Core		0.287	4.26	2.31	2401.1	132	0.74	6.65	0.19	23.44	25.83	3.1	183	3.25

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28510	Core		0.169	1.04	3.53	2090.0	193	0.88	1.24	0.05	7.14	34.95	4.4	138	5.01
28511	Core		0.135	0.85	3.37	2123.8	181	0.92	1.15	0.48	5.00	28.26	7.8	162	4.44
28512	Core		0.078	0.19	2.80	687.7	138	0.87	0.08	0.62	2.40	31.09	5.3	153	3.65
28513	Core		0.656	0.18	2.80	1431.6	161	0.90	0.05	0.43	0.15	30.64	4.9	164	5.66
28514	Core		0.281	0.16	2.17	2187.8	98	0.69	0.04	0.42	0.48	24.28	3.8	185	4.35
28515	Core		0.070	0.11	2.77	841.9	153	0.92	0.04	0.03	0.85	27.57	4.2	152	5.27
28516	Core		5.585	0.25	2.13	1623.3	97	0.62	0.08	0.03	0.40	24.39	1.6	137	4.99
28517	Core	106.207	>10	17.15	0.55	2174.3	28	0.20	0.16	0.02	0.22	9.30	0.7	184	1.32
28518	Core		0.338	0.51	2.45	1701.8	118	0.69	0.07	0.04	0.67	27.99	3.6	190	4.60
28519	Core		0.199	0.26	2.57	307.0	132	0.68	0.05	0.03	0.35	30.13	3.7	166	4.89

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28470	Core	12.3	2.21	12.60	1.54	2.1	0.03	1.39	20.6	35.3	0.39	167	0.74	0.30	1.9
28471	Core	34.3	5.13	26.63	1.38	5.1	0.08	2.43	47.1	96.2	1.23	427	0.30	0.76	3.4
28472	Core	50.6	5.22	26.41	1.58	4.7	0.08	2.47	37.4	112.2	1.21	905	0.45	0.83	2.7
28473	Core	44.5	5.22	27.61	1.56	5.0	0.08	2.43	40.1	115.7	1.24	420	0.38	0.80	3.1
28474	Core	57.0	5.37	30.52	1.72	4.5	0.09	2.67	36.5	115.4	1.25	405	0.41	0.82	2.4
28475	Core	33.8	5.48	27.97	1.81	3.6	0.08	2.22	21.3	110.2	1.25	425	0.79	0.76	3.4
28476	Core	43.1	5.48	28.54	1.54	5.0	0.07	2.35	39.7	136.5	1.31	560	0.61	0.88	2.7
28477	Core	42.6	5.35	28.90	1.37	4.9	0.07	2.59	34.3	121.3	1.33	509	0.40	0.79	3.4
28478	Core	42.7	4.91	23.67	1.45	4.5	0.07	2.12	27.7	90.4	1.18	791	0.37	0.68	2.7
28479	Core	30.0	4.08	22.29	1.34	3.2	0.07	1.93	25.3	89.8	0.99	1291	0.43	0.60	2.2
28480	Core	46.3	4.79	30.13	1.43	4.0	0.08	2.61	45.8	100.5	1.12	500	0.49	0.81	3.6
28481	Core	46.4	5.10	29.83	1.58	4.8	0.07	2.43	50.2	123.1	1.18	472	0.40	0.84	3.8
28482	Core	49.1	5.50	27.97	1.71	5.0	0.08	2.27	30.7	115.6	1.25	706	0.44	0.75	3.1
28483	Core	46.3	5.24	27.61	1.53	4.6	0.08	2.43	41.1	111.8	1.21	664	0.41	0.77	2.5
28484	Core	46.4	5.41	27.88	1.50	4.7	0.08	2.55	58.3	114.8	1.24	553	0.28	0.77	4.0
28485	Core	55.0	5.56	27.39	1.53	4.4	0.08	2.56	60.9	118.0	1.23	541	0.29	0.76	3.9
28486	Core	47.7	5.40	28.60	1.40	4.9	0.07	2.55	60.3	109.9	1.23	521	0.29	0.72	3.3
28487	Core	48.3	5.26	29.63	1.56	4.8	0.08	2.56	60.0	119.4	1.20	562	0.32	0.69	3.3
28488	Reject	45.3	5.31	27.05	1.43	4.8	0.07	2.50	47.3	108.7	1.17	926	0.38	0.61	3.0
28489	Pulp	34.8	1.27	5.90	0.38	2.9	0.06	1.11	16.0	7.9	0.72	272	10.32	<0.01	6.3
28490	Reject	47.2	5.59	26.78	1.40	4.9	0.08	2.46	47.4	105.9	1.20	1188	0.45	0.61	3.1
28491	Core	45.1	5.05	25.88	1.38	4.6	0.07	2.57	54.8	97.9	1.14	480	0.35	0.59	3.5
28492	Core	46.2	5.24	27.15	1.31	4.9	0.08	2.53	49.5	102.9	1.19	564	0.35	0.57	4.5
28493	Core	46.2	5.38	27.59	1.51	5.3	0.08	2.47	49.4	96.7	1.21	774	0.35	0.50	4.8
28494	Core	45.2	5.30	26.35	1.39	5.1	0.07	2.48	50.0	87.7	1.18	634	0.46	0.47	4.0
28495	Core	46.2	5.30	26.05	1.30	5.6	0.07	2.59	42.8	86.8	1.20	772	0.42	0.48	5.0
28496	Core	51.0	5.25	27.55	1.50	4.9	0.07	2.80	44.9	90.4	1.20	647	0.35	0.43	3.7
28497	Core	47.7	5.21	25.66	1.35	5.1	0.08	2.83	34.7	91.8	1.17	692	0.37	0.39	3.1
28498	Core	47.0	4.99	27.96	1.36	15.1	0.08	2.88	21.7	79.5	1.14	542	0.41	0.37	7.4
28499	Core	47.9	5.14	26.94	1.43	5.9	0.08	2.86	38.4	75.8	1.20	524	0.40	0.33	3.8
28500	Core	50.8	5.09	28.52	1.67	4.8	0.08	2.85	45.1	74.1	1.16	517	0.39	0.33	2.5
28501	Core	49.5	4.87	29.85	1.55	5.7	0.08	3.17	25.4	64.1	1.08	444	0.40	0.27	3.1
28502	Core	16.4	1.53	5.30	1.13	<0.1	0.06	0.68	9.9	37.7	0.17	660	0.41	0.06	0.6
28503	Core	18.8	1.91	13.56	1.09	3.0	0.03	1.63	26.1	45.8	0.24	296	0.65	0.12	1.8
28504	Core	11.8	1.45	6.16	1.17	1.6	0.02	0.63	14.0	33.2	0.27	540	0.46	0.21	1.1
28505	Core	15.5	1.86	9.68	1.48	2.7	0.02	0.79	16.7	41.0	0.30	250	1.87	0.37	1.8
28506	Core	22.3	2.02	10.77	1.15	3.0	0.03	1.38	11.9	40.7	0.35	405	0.39	0.33	1.2
28507	Core	13.6	1.32	6.22	1.20	1.7	0.02	0.67	11.8	7.7	0.27	459	0.75	0.12	0.8
28508	Core	12.3	1.46	7.51	1.26	2.6	0.02	1.00	14.2	49.9	0.30	641	0.44	0.05	1.2
28509	Core	22.5	1.06	6.60	1.60	1.9	0.51	0.92	12.0	8.2	0.12	190	0.72	0.03	0.8

3Ace Property, Northern Tiger Resources Inc.
Vol 8-257
Buchanan et al., 2011

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Certificate of Analysis

11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28510	Core	25.1	1.35	8.65	1.41	3.2	0.09	1.29	16.4	31.1	0.18	163	0.40	0.06	1.4
28511	Core	21.5	1.76	8.71	1.25	2.6	0.07	1.20	13.1	16.2	0.30	603	0.71	0.05	1.1
28512	Core	11.1	1.28	7.22	1.08	2.8	0.02	0.82	13.7	8.5	0.22	440	0.41	0.04	1.0
28513	Core	11.3	1.09	8.35	1.31	2.5	0.02	0.91	14.0	144.0	0.21	256	0.62	0.04	1.0
28514	Core	8.2	0.99	6.69	1.66	1.8	0.02	0.65	10.6	193.2	0.18	225	0.42	0.03	0.6
28515	Core	11.2	1.10	7.58	1.10	2.5	0.01	0.83	12.7	96.4	0.14	141	0.36	0.04	0.9
28516	Core	11.3	0.61	6.08	1.57	2.0	0.02	0.65	11.1	146.8	0.05	26	0.53	0.03	0.7
28517	Core	4.8	0.41	1.92	2.21	0.5	<0.01	0.19	4.2	31.7	0.02	20	0.43	<0.01	0.2
28518	Core	10.6	1.00	6.58	1.21	2.7	0.01	0.70	12.8	147.0	0.11	170	0.49	0.03	1.0
28519	Core	10.5	1.02	6.52	1.28	2.8	0.02	0.77	13.9	186.8	0.13	214	0.37	0.03	0.9

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28470	Core	17.8	203	6.5	76.5	<0.002	<0.01	0.94	11.2	<1.0	2.7	84.9	0.29	<0.05	10.0
28471	Core	48.9	641	13.4	141.5	<0.002	<0.01	0.72	25.4	<1.0	2.5	202.0	0.79	0.09	24.0
28472	Core	55.7	524	23.6	145.8	<0.002	<0.01	0.92	25.0	<1.0	2.4	216.7	0.59	0.11	22.3
28473	Core	51.1	509	20.6	148.0	<0.002	<0.01	0.84	25.7	<1.0	2.4	216.9	0.69	0.10	26.2
28474	Core	57.2	640	42.5	171.1	<0.002	<0.01	1.12	27.6	1.1	2.6	225.3	0.66	0.13	24.9
28475	Core	45.7	606	14.8	144.9	<0.002	<0.01	1.54	23.5	<1.0	2.6	218.3	0.40	0.13	17.5
28476	Core	56.5	446	26.1	143.3	0.003	<0.01	1.27	24.5	<1.0	2.6	229.2	0.71	0.10	25.4
28477	Core	51.9	670	15.1	155.7	<0.002	<0.01	0.97	24.8	<1.0	2.5	200.7	0.81	0.07	24.4
28478	Core	46.5	427	30.8	123.5	<0.002	<0.01	0.98	20.4	<1.0	2.1	221.7	0.71	0.06	22.0
28479	Core	38.9	506	20.7	125.8	<0.002	<0.01	0.53	19.0	<1.0	2.2	242.0	0.65	<0.05	17.1
28480	Core	52.6	629	28.3	173.5	<0.002	0.063	1.87	26.7	1.0	2.8	214.8	0.72	0.13	22.8
28481	Core	49.6	978	13.6	153.3	<0.002	<0.01	0.89	26.2	<1.0	2.5	207.8	0.89	0.07	27.4
28482	Core	51.9	482	41.3	150.9	<0.002	0.020	0.92	24.9	<1.0	2.3	197.2	0.53	0.10	24.1
28483	Core	46.6	568	21.7	149.5	<0.002	0.016	1.19	24.9	<1.0	2.4	191.9	0.59	0.08	24.0
28484	Core	52.7	732	20.1	155.2	<0.002	0.021	1.01	24.4	<1.0	2.5	193.2	0.80	0.10	29.2
28485	Core	50.6	814	32.4	146.8	<0.002	<0.01	1.59	25.1	<1.0	2.6	193.6	0.75	0.16	27.7
28486	Core	49.2	687	19.5	154.5	0.003	<0.01	0.85	25.0	<1.0	2.6	190.2	0.76	0.09	27.1
28487	Core	52.3	540	28.5	161.7	<0.002	0.035	1.03	25.7	<1.0	2.6	182.8	0.78	0.10	28.8
28488	Reject	46.4	624	20.6	157.5	<0.002	0.023	0.93	23.6	<1.0	2.5	168.3	0.66	0.10	25.8
28489	Pulp	57.7	3984	6.5	86.2	0.033	1.224	23.24	7.1	7.0	1.7	123.3	0.54	0.60	8.8
28490	Reject	49.5	1021	20.7	148.5	<0.002	0.018	0.89	23.0	<1.0	2.5	169.5	0.69	0.08	26.8
28491	Core	50.0	444	19.1	145.5	<0.002	0.016	0.92	22.8	<1.0	2.4	152.4	0.61	0.10	25.9
28492	Core	50.4	481	22.5	148.3	<0.002	0.033	0.86	24.4	<1.0	2.5	154.3	0.71	0.07	27.7
28493	Core	52.3	449	23.8	153.5	<0.002	0.064	1.22	24.7	<1.0	2.6	143.0	0.72	0.09	27.8
28494	Core	48.1	394	28.1	148.3	<0.002	0.055	1.10	22.7	<1.0	2.4	135.7	0.65	0.08	26.0
28495	Core	48.3	444	23.4	148.8	<0.002	0.055	1.18	22.5	<1.0	2.5	136.4	0.83	0.08	27.8
28496	Core	47.6	627	24.8	161.9	0.002	0.059	1.23	22.6	<1.0	2.5	124.5	0.63	0.07	26.0
28497	Core	47.8	559	26.3	155.0	<0.002	0.041	1.11	22.4	<1.0	2.4	110.0	0.61	0.09	26.6
28498	Core	52.4	585	22.5	167.8	<0.002	0.397	2.10	30.3	1.3	2.6	104.2	1.91	0.23	30.2
28499	Core	49.4	448	18.4	159.9	<0.002	0.065	1.52	22.7	<1.0	2.5	97.8	1.13	0.10	29.3
28500	Core	55.7	557	36.5	168.4	0.002	0.058	1.57	25.9	<1.0	2.6	92.2	0.83	0.11	28.7
28501	Core	54.2	553	27.6	190.9	<0.002	0.286	2.36	25.0	<1.0	2.6	77.1	0.86	0.09	29.3
28502	Core	11.8	147	202.6	36.2	0.008	0.428	3.45	2.8	<1.0	4.1	24.8	0.15	<0.05	11.7
28503	Core	23.4	322	16.2	86.6	<0.002	0.098	2.14	9.6	<1.0	1.5	30.9	0.40	0.06	18.8
28504	Core	12.4	109	17.2	34.7	<0.002	0.249	1.94	3.5	<1.0	0.8	42.7	0.16	<0.05	10.6
28505	Core	19.9	163	15.9	46.0	<0.002	0.276	4.01	6.2	1.4	1.1	46.3	0.30	<0.05	14.0
28506	Core	19.2	101	28.4	73.3	<0.002	0.362	1.91	7.1	<1.0	1.1	43.1	0.21	<0.05	15.6
28507	Core	14.3	111	18.1	37.8	<0.002	0.341	1.81	3.3	<1.0	0.9	37.0	0.10	<0.05	10.0
28508	Core	11.4	74	282.6	55.9	<0.002	0.619	1.64	5.3	<1.0	1.4	41.2	0.15	<0.05	13.4
28509	Core	8.9	62	739.7	48.6	<0.002	0.575	4.28	3.4	<1.0	7.3	23.2	0.11	<0.05	10.7

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28510	Core	11.3	81	128.9	66.7	<0.002	0.504	3.74	5.5	<1.0	6.5	16.9	0.19	<0.05	15.8
28511	Core	16.9	193	110.3	63.6	<0.002	0.818	3.99	5.0	<1.0	4.2	32.4	0.14	<0.05	13.8
28512	Core	14.8	463	20.0	47.0	<0.002	0.346	1.78	3.9	<1.0	1.4	42.8	0.13	<0.05	15.5
28513	Core	11.1	151	11.1	50.1	<0.002	0.437	2.54	4.3	<1.0	1.0	40.7	0.13	<0.05	13.0
28514	Core	8.9	190	14.9	38.6	<0.002	0.501	3.27	2.8	<1.0	0.9	37.5	0.07	<0.05	10.3
28515	Core	11.0	84	15.0	46.9	<0.002	0.254	2.01	3.4	<1.0	0.8	12.3	0.15	<0.05	13.1
28516	Core	5.0	71	29.1	36.6	<0.002	0.156	3.39	2.1	<1.0	1.0	19.0	0.09	<0.05	10.5
28517	Core	3.8	14	76.4	10.6	<0.002	0.128	5.48	0.6	<1.0	0.7	5.9	<0.05	0.06	2.1
28518	Core	11.7	95	12.2	37.0	<0.002	0.256	3.25	3.1	<1.0	0.8	11.5	0.12	<0.05	16.3
28519	Core	11.2	81	19.5	44.0	<0.002	0.322	1.46	3.1	<1.0	1.0	17.2	0.12	<0.05	15.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28470	Core	0.054	0.43	1.5	66	0.5	2.7	37	38.2
28471	Core	0.111	0.81	4.2	120	0.6	8.1	105	89.8
28472	Core	0.095	0.79	3.5	127	0.4	9.0	131	92.2
28473	Core	0.099	0.83	4.2	124	0.5	9.1	117	90.4
28474	Core	0.090	0.93	3.8	132	0.5	8.1	127	85.2
28475	Core	0.096	0.74	3.4	106	0.5	6.0	109	71.8
28476	Core	0.087	0.84	4.1	121	0.7	8.1	128	87.4
28477	Core	0.108	0.85	3.7	121	0.5	8.7	129	93.1
28478	Core	0.085	0.75	3.4	106	0.4	7.6	117	78.5
28479	Core	0.073	0.64	2.6	105	0.3	10.5	95	60.6
28480	Core	0.117	0.87	3.4	127	0.4	8.9	126	80.8
28481	Core	0.114	0.79	4.0	121	0.5	9.8	122	92.8
28482	Core	0.102	0.80	4.1	114	0.5	8.4	123	93.0
28483	Core	0.085	0.76	4.0	118	0.4	8.2	118	90.9
28484	Core	0.133	0.84	4.1	122	0.6	9.1	125	88.1
28485	Core	0.123	0.81	4.1	117	0.6	8.7	133	87.3
28486	Core	0.114	0.83	3.6	123	0.7	8.6	124	84.0
28487	Core	0.114	0.83	4.1	120	0.6	8.9	124	88.6
28488	Reject	0.094	0.82	3.7	113	0.7	8.9	124	87.3
28489	Pulp	0.179	11.34	6.7	399	31.9	24.4	254	60.2
28490	Reject	0.094	0.84	3.8	114	0.8	10.1	128	89.6
28491	Core	0.117	0.81	3.6	121	0.6	8.4	121	90.0
28492	Core	0.154	0.81	3.6	122	0.6	9.9	124	93.2
28493	Core	0.158	0.83	4.0	128	0.6	9.8	129	100.6
28494	Core	0.137	0.78	3.6	119	0.5	8.9	119	98.0
28495	Core	0.148	0.87	4.2	115	0.7	9.9	127	98.2
28496	Core	0.129	0.82	3.7	118	0.5	10.1	130	99.6
28497	Core	0.103	0.88	3.6	113	0.4	9.9	128	92.5
28498	Core	0.102	0.87	3.5	128	0.9	8.7	127	96.4
28499	Core	0.101	0.94	3.9	112	0.6	9.0	122	97.4
28500	Core	0.083	0.91	3.9	126	0.4	9.7	130	90.3
28501	Core	0.108	1.04	4.5	130	1.1	9.6	135	103.5
28502	Core	0.018	0.21	1.5	40	726.2	4.3	210	32.2
28503	Core	0.055	0.52	2.5	68	8.3	6.1	106	52.2
28504	Core	0.030	0.18	1.3	43	118.2	4.1	58	43.2
28505	Core	0.053	0.27	1.8	55	8.2	4.3	59	50.4
28506	Core	0.040	0.43	1.7	60	2.7	4.2	103	55.3
28507	Core	0.024	0.22	1.1	43	1.6	3.4	129	35.8
28508	Core	0.035	0.32	1.2	49	2.0	4.1	681	49.2
28509	Core	0.027	0.27	1.1	42	2.2	2.7	1148	39.0

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28510	Core	0.044	0.40	1.6	55	2.1	4.5	388	63.3
28511	Core	0.038	0.39	1.6	50	2.0	4.6	701	51.4
28512	Core	0.034	0.28	2.1	48	1.5	5.3	112	57.4
28513	Core	0.033	0.30	1.3	52	1.6	3.8	37	48.3
28514	Core	0.021	0.26	1.0	43	1.2	3.1	42	32.7
28515	Core	0.029	0.29	1.3	47	1.4	3.3	38	46.6
28516	Core	0.021	0.21	1.0	37	1.4	2.4	28	37.0
28517	Core	0.008	0.06	0.3	30	0.6	0.7	8	11.7
28518	Core	0.030	0.25	1.4	42	1.7	3.2	31	49.3
28519	Core	0.029	0.28	1.5	41	1.6	3.4	36	49.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
28470	Core			0.20	5.21	100.4	289	1.48	0.12	0.04	0.03	36.48	4.1	217	4.40
28470 Dup				0.20	5.32	103.0	285	1.51	0.12	0.05	0.03	36.36	4.1	217	4.36
QCV1109-01977-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-8 expected				61.70											
STD-CDN-ME-8 result				61.36											
28488	Reject			0.27	>10	13.8	749	3.24	0.35	0.20	0.11	85.53	15.7	99	8.56
28488 Dup				0.27	>10	13.4	741	3.24	0.35	0.20	0.11	85.02	15.7	98	8.46
QCV1109-01977-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.65		10.1	374	2.63	7.21		0.21	84.73	22.8		6.38
28506	Core			0.19	4.54	458.7	249	1.16	0.13	0.49	0.84	23.66	7.7	172	6.06
28506 Dup				0.19	4.46	462.3	242	1.11	0.12	0.49	0.85	23.28	7.8	167	5.94
QCV1109-01977-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
QCV1109-01977-0009-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.74		12.8	433	2.83	7.96		0.19	86.37	23.2		7.07
28470	Core		0.044												
28470 Dup			0.041												
28488	Reject		<0.005												
28488 Dup			<0.005												
STD-OxJ80 expected			2.331												
STD-OxJ80 result			2.364												
QCV1109-01978-0004-BLK			<0.005												
28506	Core		0.099												
28506 Dup			0.117												
QCV1109-01978-0006-BLK			<0.005												
STD-Oxi81 expected			1.807												
STD-Oxi81 result			1.773												
28517	Core	106.207													
28517 Dup		102.490													

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
28470	Core	12.3	2.21	12.60	1.54	2.1	0.03	1.39	20.6	35.3	0.39	167	0.74	0.30	1.9
28470 Dup		12.9	2.26	12.64	1.50	2.0	0.03	1.40	19.1	34.4	0.40	172	0.73	0.30	1.8
QCV1109-01977-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-8 expected		1030.0													
STD-CDN-ME-8 result		983.2													
28488	Reject	45.3	5.31	27.05	1.43	4.8	0.07	2.50	47.3	108.7	1.17	926	0.38	0.61	3.0
28488 Dup		46.9	5.44	25.60	1.33	4.8	0.08	2.60	47.1	102.3	1.19	950	0.39	0.63	3.0
QCV1109-01977-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		17.59		6.0	1.06		41.5	22.7			0.78		13.6
28506	Core	22.3	2.02	10.77	1.15	3.0	0.03	1.38	11.9	40.7	0.35	405	0.39	0.33	1.2
28506 Dup		21.6	1.99	10.92	1.16	3.1	0.03	1.37	11.4	38.4	0.35	404	0.40	0.32	1.2
QCV1109-01977-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
QCV1109-01977-0009-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		18.18		6.1	1.12		42.4	25.7			0.88		14.1

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11-360-07181-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
28470	Core	17.8	203	6.5	76.5	<0.002	<0.01	0.94	11.2	<1.0	2.7	84.9	0.29	<0.05	10.0
28470 Dup		17.8	210	6.5	77.2	<0.002	<0.01	0.93	10.7	<1.0	2.6	86.2	0.28	<0.05	9.9
QCV1109-01977-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-8 expected				19400											
STD-CDN-ME-8 result				>10000											
28488	Reject	46.4	624	20.6	157.5	<0.002	0.023	0.93	23.6	<1.0	2.5	168.3	0.66	0.10	25.8
28488 Dup		45.6	633	20.6	153.1	<0.002	0.023	0.92	23.3	<1.0	2.4	171.2	0.66	0.10	25.6
QCV1109-01977-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		42.9		29.9	164.7	0.003	1.437	2.98	16.4	12.7	20.6	33.6	1.55	0.06	
28506	Core	19.2	101	28.4	73.3	<0.002	0.362	1.91	7.1	<1.0	1.1	43.1	0.21	<0.05	15.6
28506 Dup		19.6	102	27.6	72.4	<0.002	0.360	1.93	7.0	<1.0	1.1	43.0	0.21	<0.05	15.5
QCV1109-01977-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
QCV1109-01977-0009-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		43.1		34.8	183.5	<0.002	1.352	3.22	17.1	15.2	22.6	33.6	1.40	<0.05	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28470	Core	0.054	0.43	1.5	66	0.5	2.7	37	38.2
28470 Dup		0.054	0.43	1.5	66	0.5	2.7	36	37.5
QCV1109-01977-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected								19200	
STD-CDN-ME-8 result								>10000	
28488	Reject	0.094	0.82	3.7	113	0.7	8.9	124	87.3
28488 Dup		0.094	0.81	3.7	113	0.7	8.8	126	86.7
QCV1109-01977-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.78	2.8			25.6	178	111.0
28506	Core	0.040	0.43	1.7	60	2.7	4.2	103	55.3
28506 Dup		0.040	0.43	1.7	59	2.7	4.2	101	54.5
QCV1109-01977-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-01977-0009-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.82	3.1			25.2	181	116.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 19**
Client Reference: **Core 19**
Description: **3 ACE**

Date Received: 09/16/2011
Date Completed: 10/12/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28706	Core	<0.005	0.24	>10	25.7	927	3.09	0.62	0.12	0.13	45.63	22.5	106	9.80	61.4
28707	Core	0.009	0.39	>10	31.3	868	2.80	0.56	0.31	0.21	24.18	22.8	109	10.82	73.6
28708	Core	0.051	0.56	8.89	39.6	715	2.52	0.42	1.13	0.21	28.90	17.8	174	10.11	52.1
28709	Core	0.009	0.18	>10	35.7	937	2.83	0.56	0.45	0.29	38.46	20.7	107	9.91	57.3
28710	Core	0.007	0.07	8.24	22.8	676	1.94	0.38	1.28	0.36	28.75	16.2	147	7.26	53.8
28711	Core	<0.005	0.25	5.69	9.8	343	0.85	0.27	3.82	0.12	38.84	6.1	116	3.46	27.9
28712	Core	0.080	0.24	>10	87.6	872	4.30	0.47	0.41	0.10	19.10	21.3	162	8.75	101.4
28713	Core	0.009	0.40	>10	20.9	790	3.04	0.40	0.32	0.06	31.80	18.8	108	8.37	59.0
28714	Core	0.012	0.39	>10	29.4	839	2.82	0.41	0.21	0.04	33.51	19.7	131	8.20	49.6
28715	Core	0.877	0.16	>10	437.3	778	3.44	0.36	0.33	0.12	40.66	18.1	146	8.46	61.6
28716	Core	0.005	0.19	>10	19.3	798	3.10	0.36	0.17	0.09	58.18	20.6	108	7.95	50.7
28717	Core	<0.005	0.12	>10	15.1	869	3.16	0.37	0.17	0.10	44.92	19.9	124	8.44	49.4
28718	Core	<0.005	0.18	4.16	8.5	258	0.93	0.14	0.63	0.07	31.56	8.9	187	2.72	25.9
28719	Core	0.014	0.14	8.75	25.8	687	2.60	0.33	0.38	0.12	44.26	16.8	198	6.55	40.0
28720	Core	0.012	0.04	2.52	11.2	107	0.52	0.07	0.61	0.17	31.45	5.4	172	1.50	15.2
28721	Core	0.008	0.27	7.79	18.1	525	1.96	0.24	0.50	0.20	41.61	13.4	158	5.42	38.7
28722	Core	0.042	0.51	9.08	90.4	671	2.45	0.28	0.49	0.18	24.15	16.1	168	6.25	49.0
28723	Core	0.017	0.17	1.50	295.4	57	0.48	0.06	0.36	0.25	20.68	3.6	183	0.88	9.8
28724	Core	0.025	0.06	1.03	94.0	30	0.27	0.04	0.08	0.05	22.44	3.6	199	0.52	5.2
28725	Core	<0.005	0.02	4.27	14.0	268	1.21	0.11	0.11	0.04	40.33	8.2	158	2.92	20.4
28726	Core	<0.005	0.02	1.82	4.0	65	0.51	0.06	0.09	<0.02	29.22	3.5	130	0.90	5.2
28727	Core	0.051	0.03	1.58	38.1	54	0.42	0.06	0.38	0.02	22.30	4.2	202	0.80	7.8
28728	Core	0.020	0.09	3.48	37.1	228	1.00	0.11	0.39	0.16	23.89	7.6	189	2.12	8.5
28729	Core	0.031	<0.01	0.99	<0.2	<5	<0.05	<0.01	0.26	<0.02	<0.01	<0.1	106	<0.05	<0.2
28730	Core	0.103	0.18	9.39	284.1	704	2.96	0.32	0.36	0.12	34.51	19.8	138	7.64	48.6
28731	Core	0.356	0.28	>10	891.6	863	4.59	0.38	0.86	0.18	32.29	20.7	169	9.01	63.4
28732	Core	0.047	0.32	4.92	183.2	239	1.78	0.10	0.82	0.08	30.71	7.4	126	3.73	19.9
28733	Core	0.006	0.19	2.32	26.1	110	0.67	0.05	1.25	0.04	19.68	3.7	252	1.86	11.7
28734	Core	<0.005	0.07	3.66	20.6	111	0.67	0.06	0.84	0.11	29.68	4.0	154	1.93	14.8
28735	Core	0.092	0.30	7.21	123.3	449	2.58	0.21	0.41	0.12	33.86	12.3	172	4.90	24.8
28736	Core	0.038	0.29	>10	54.3	919	3.75	0.45	0.18	0.10	48.37	22.0	125	8.41	60.4
28737	Core	0.052	0.30	>10	46.4	802	3.74	0.42	0.15	0.08	44.29	22.8	122	7.28	50.3
28738	Reject	0.330	0.35	>10	68.7	804	4.28	0.37	0.15	0.10	37.22	21.6	138	7.42	60.5
28739	Pulp	8.047	0.84	3.10	883.4	159	0.81	0.60	>10	4.11	30.68	7.3	102	6.91	46.3
28740	Reject	0.145	1.09	>10	75.1	879	3.17	0.46	0.19	0.06	19.04	22.4	137	8.15	76.2
28741	Core	0.105	0.34	9.26	58.0	733	3.36	0.43	0.29	0.07	16.64	19.1	153	7.06	61.7
28742	Core	0.007	0.79	>10	35.3	902	3.26	0.45	0.16	0.09	15.48	21.0	103	7.58	58.6
28743	Core	0.012	0.31	>10	32.2	903	2.86	0.43	0.12	0.09	14.34	20.7	108	7.64	58.9
28744	Core	0.076	0.22	>10	40.5	842	3.20	0.35	0.29	0.10	18.12	18.8	138	7.67	52.0
28745	Core	<0.005	0.22	>10	27.7	933	2.96	0.40	0.10	0.08	16.18	21.6	107	8.18	57.2

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28746	Core	<0.005	0.37	>10	13.3	746	3.01	0.40	0.24	0.10	19.46	20.0	110	13.19	61.1
28747	Core	<0.005	0.52	>10	13.0	786	2.46	0.54	0.10	0.08	17.84	20.4	108	7.79	55.1
28748	Core	<0.005	0.30	>10	8.7	804	2.53	0.40	0.09	0.09	29.35	15.3	116	7.07	51.7
28749	Core	<0.005	0.31	>10	19.4	915	3.00	0.48	0.08	0.08	23.97	22.6	114	8.54	51.2
28750	Core	<0.005	0.30	3.25	4.3	123	0.63	0.08	1.02	0.06	17.80	4.7	135	1.28	12.8
28751	Core	0.007	0.82	>10	24.5	846	2.54	0.53	0.09	0.06	23.64	29.0	164	7.61	56.7
28752	Core	<0.005	0.34	9.44	16.3	730	2.38	0.33	0.14	0.02	28.18	21.5	131	6.54	57.0
28753	Core	<0.005	0.21	9.00	12.7	594	1.92	0.36	0.37	0.09	28.74	18.7	140	6.21	48.4

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28706	Core	5.56	32.43	1.64	5.0	0.08	2.74	24.0	63.2	1.03	620	1.38	0.45	3.1	47.8
28707	Core	5.54	29.62	1.37	4.3	0.08	2.52	13.3	63.9	1.04	768	1.82	0.48	2.2	47.6
28708	Core	4.70	23.39	1.42	3.6	0.07	2.27	15.3	108.2	0.98	847	2.16	0.38	1.8	37.9
28709	Core	5.40	31.46	1.38	4.5	0.08	2.62	21.6	51.2	1.05	520	1.03	0.40	3.1	49.0
28710	Core	4.87	24.06	1.46	3.8	0.06	1.95	15.6	54.5	1.24	892	1.02	0.31	2.2	36.6
28711	Core	4.34	14.67	1.09	3.2	0.04	1.29	16.9	37.0	1.40	1309	0.49	0.13	1.4	19.1
28712	Core	5.03	31.80	1.72	<0.1	0.07	3.09	10.7	72.0	0.94	376	0.92	0.27	2.1	49.0
28713	Core	5.88	31.48	1.49	4.4	0.07	2.71	17.2	51.2	1.26	324	0.65	0.25	1.9	44.7
28714	Core	4.95	29.71	1.42	5.0	0.07	2.70	18.1	52.8	0.94	261	0.62	0.24	2.0	44.1
28715	Core	4.94	31.05	1.60	4.5	0.07	2.64	21.8	46.3	0.88	294	0.65	0.21	2.8	39.9
28716	Core	4.59	30.53	1.39	5.3	0.07	2.49	30.1	66.1	0.90	272	0.63	0.26	2.7	43.6
28717	Core	5.11	30.30	1.60	5.5	0.08	2.77	24.2	67.7	1.04	350	0.59	0.30	2.9	44.4
28718	Core	3.05	12.08	1.26	2.5	0.03	0.90	15.1	29.6	0.58	508	0.71	0.07	1.2	21.8
28719	Core	3.40	24.43	1.28	4.9	0.06	2.43	22.9	28.9	0.64	405	0.66	0.18	2.3	33.3
28720	Core	1.94	6.78	0.95	2.4	0.01	0.39	14.0	16.8	0.43	401	0.68	0.30	1.0	14.2
28721	Core	3.68	21.46	1.31	5.0	0.05	2.02	20.9	30.1	0.79	290	0.64	0.19	2.8	28.2
28722	Core	3.80	25.43	1.35	5.6	0.06	2.58	12.2	21.1	0.75	361	0.51	0.20	2.6	34.9
28723	Core	1.35	3.74	0.84	1.5	0.01	0.24	9.2	17.3	0.23	281	0.64	0.04	0.6	9.3
28724	Core	0.84	2.59	0.84	1.6	<0.01	0.13	8.9	11.2	0.05	199	0.55	0.01	0.6	6.7
28725	Core	2.29	13.32	0.96	3.2	0.03	1.07	18.7	17.7	0.24	294	0.63	0.07	1.5	20.3
28726	Core	1.23	4.23	0.13	2.4	<0.01	0.27	12.2	11.5	0.11	267	0.44	0.02	0.7	7.3
28727	Core	1.30	4.16	0.70	1.8	<0.01	0.23	9.4	29.2	0.18	297	0.49	0.02	0.6	10.1
28728	Core	1.81	10.68	0.98	3.0	0.02	0.92	10.9	15.6	0.26	384	0.71	0.05	1.2	16.5
28729	Core	0.65	<0.05	0.10	<0.1	<0.01	0.13	<0.5	<0.2	0.12	199	<0.05	<0.01	<0.1	<0.2
28730	Core	5.35	26.52	1.48	4.9	0.07	2.97	15.7	47.0	1.05	405	0.70	0.18	2.7	44.8
28731	Core	5.27	33.48	1.73	5.4	0.08	3.67	15.2	36.9	1.14	384	0.81	0.20	2.5	46.4
28732	Core	4.23	14.98	1.55	3.0	0.03	0.95	15.2	42.1	1.00	422	0.50	0.35	1.4	21.1
28733	Core	2.24	6.82	1.38	1.6	0.02	0.50	9.5	73.0	0.62	570	0.65	0.03	0.8	11.4
28734	Core	2.96	8.44	1.34	2.6	0.02	0.54	14.0	72.1	0.78	686	0.54	0.56	1.2	12.7
28735	Core	4.30	19.40	1.60	3.9	0.05	1.85	17.1	47.7	0.97	448	0.85	0.22	2.2	27.3
28736	Core	5.33	32.22	1.67	6.6	0.09	3.26	25.5	57.2	1.11	334	0.90	0.22	4.2	49.5
28737	Core	5.50	30.15	1.76	6.5	0.09	2.92	23.9	62.6	1.19	358	0.81	0.19	4.9	51.1
28738	Reject	5.34	27.98	1.58	7.4	0.08	3.23	19.3	49.0	1.10	390	0.97	0.20	5.0	46.2
28739	Pulp	1.36	7.00	0.43	4.5	0.07	1.11	17.8	8.8	0.77	281	11.13	<0.01	7.4	63.8
28740	Reject	5.03	30.96	1.42	13.0	0.08	3.48	10.0	38.1	1.10	378	0.98	0.21	4.4	47.2
28741	Core	5.17	27.05	1.37	3.7	0.07	2.65	8.4	33.9	1.05	395	0.93	0.15	2.2	45.4
28742	Core	5.63	31.63	1.27	3.9	0.07	3.08	8.4	51.5	1.26	355	0.39	0.23	2.2	46.2
28743	Core	5.09	33.14	1.37	3.8	0.08	3.10	8.1	58.3	1.11	333	0.44	0.23	2.8	48.1
28744	Core	5.34	29.96	1.40	3.9	0.07	3.18	9.5	50.9	1.22	393	0.45	0.21	3.0	44.3
28745	Core	5.51	34.50	1.51	3.5	0.08	3.16	8.1	66.5	1.20	353	0.35	0.27	3.5	49.6

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Certificate of Analysis

11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28746	Core	5.12	30.16	1.14	3.7	0.07	2.59	10.3	61.1	1.11	349	0.68	0.25	2.8	46.0
28747	Core	5.34	29.91	1.23	4.3	0.07	3.01	9.5	62.9	1.12	333	0.79	0.34	2.5	45.2
28748	Core	5.20	30.26	1.38	4.5	0.08	2.61	15.7	66.0	1.16	378	0.63	0.29	3.0	41.1
28749	Core	5.17	35.13	1.36	4.6	0.08	3.03	12.7	61.0	0.97	327	0.76	0.37	2.6	46.2
28750	Core	3.40	8.52	0.98	1.7	0.02	0.39	8.8	81.6	0.87	785	0.37	0.04	0.8	13.4
28751	Core	5.40	32.70	1.36	4.7	0.08	2.96	11.3	64.5	1.21	358	1.35	0.34	4.7	47.5
28752	Core	4.37	27.15	1.39	4.2	0.07	2.42	13.6	64.9	1.04	332	0.74	0.26	3.3	37.3
28753	Core	5.03	25.60	1.42	4.2	0.06	2.16	15.2	69.1	1.21	416	0.59	0.24	2.7	40.5

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28706	Core	332	41.9	219.0	0.003	2.695	1.60	18.1	<1.0	2.4	190.8	0.57	0.37	24.8	0.115
28707	Core	210	50.8	199.2	0.002	2.975	4.35	18.5	1.4	2.5	212.6	0.39	0.30	19.1	0.084
28708	Core	304	40.1	178.8	0.004	2.396	6.54	15.2	<1.0	2.0	255.2	0.37	0.23	16.8	0.065
28709	Core	277	40.4	216.3	0.002	2.822	5.66	17.8	<1.0	2.5	192.3	0.49	0.24	21.9	0.102
28710	Core	273	23.0	165.9	<0.002	1.583	4.42	14.0	<1.0	1.9	188.4	0.37	0.20	19.2	0.072
28711	Core	5298	10.4	91.3	<0.002	0.211	1.68	7.9	<1.0	0.9	187.3	0.24	0.09	15.0	0.048
28712	Core	258	29.6	206.9	1.122	1.516	9.99	19.8	1.6	2.6	147.9	0.54	0.15	3.7	0.081
28713	Core	276	10.5	176.0	<0.002	0.424	2.90	18.4	<1.0	2.4	186.5	0.45	0.05	22.8	0.070
28714	Core	261	22.0	212.0	<0.002	0.365	2.38	17.2	<1.0	2.5	145.0	0.46	0.10	24.1	0.079
28715	Core	261	25.0	209.6	<0.002	0.567	2.39	16.7	<1.0	2.5	136.6	0.48	0.08	23.8	0.090
28716	Core	262	23.5	194.4	<0.002	0.417	2.02	18.1	<1.0	2.2	137.4	0.53	0.07	27.4	0.098
28717	Core	224	18.1	205.6	<0.002	0.348	2.32	18.2	<1.0	2.6	144.5	0.56	0.07	26.5	0.100
28718	Core	104	13.6	66.6	<0.002	0.149	1.35	6.1	<1.0	0.9	66.2	0.18	<0.05	13.8	0.034
28719	Core	141	24.8	183.9	<0.002	0.287	1.99	14.9	<1.0	2.1	93.4	0.47	0.08	27.0	0.083
28720	Core	85	9.1	28.2	<0.002	0.102	0.63	3.3	<1.0	0.6	40.3	0.13	<0.05	13.8	0.026
28721	Core	112	17.5	147.5	<0.002	0.320	2.00	11.6	<1.0	1.9	64.2	0.43	0.05	23.9	0.081
28722	Core	100	29.4	184.0	<0.002	0.574	1.90	14.2	<1.0	2.4	77.2	0.45	0.05	23.7	0.090
28723	Core	84	52.0	16.7	<0.002	0.166	0.74	1.8	<1.0	1.0	26.2	0.08	<0.05	9.9	0.016
28724	Core	112	12.0	9.9	<0.002	0.150	0.53	1.3	<1.0	0.3	10.4	0.08	<0.05	9.3	0.015
28725	Core	76	7.7	81.9	<0.002	0.129	0.87	6.2	<1.0	0.9	31.7	0.19	<0.05	18.3	0.040
28726	Core	67	5.3	18.4	<0.002	0.051	0.39	2.0	<1.0	0.4	10.4	0.10	<0.05	12.7	0.021
28727	Core	79	5.5	16.0	<0.002	0.109	0.57	1.9	<1.0	0.4	24.9	0.08	<0.05	10.4	0.015
28728	Core	97	14.6	63.6	<0.002	0.345	1.20	5.3	<1.0	1.1	39.5	0.20	<0.05	16.5	0.031
28729	Core	63	<0.5	<0.1	<0.002	0.184	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	0.009
28730	Core	211	32.2	167.1	<0.002	0.909	4.15	16.6	<1.0	2.4	84.0	0.47	0.07	18.9	0.095
28731	Core	133	19.4	226.1	<0.002	1.229	6.22	19.7	<1.0	3.0	124.2	0.59	0.05	24.7	0.098
28732	Core	174	5.7	75.7	<0.002	0.319	1.85	7.2	<1.0	1.4	84.4	0.21	<0.05	16.7	0.038
28733	Core	81	2.6	37.5	<0.002	0.086	1.05	3.5	<1.0	7.1	85.9	0.08	<0.05	9.2	0.021
28734	Core	61	4.7	37.2	<0.002	0.147	1.06	4.0	<1.0	0.7	63.1	0.19	<0.05	14.8	0.031
28735	Core	119	55.4	128.5	<0.002	0.704	4.58	11.4	<1.0	1.9	68.2	0.42	<0.05	19.4	0.064
28736	Core	223	31.7	226.4	<0.002	1.278	9.24	19.8	<1.0	3.1	102.4	0.99	0.06	27.2	0.126
28737	Core	231	28.3	218.6	<0.002	0.972	8.77	19.9	<1.0	3.0	94.3	1.15	0.09	25.3	0.127
28738	Reject	245	34.6	228.5	<0.002	1.396	6.78	20.9	<1.0	2.9	93.7	1.22	0.07	24.4	0.121
28739	Pulp	2953	4.4	114.3	0.036	1.163	19.77	7.1	6.6	1.8	125.1	0.71	0.63	11.2	0.182
28740	Reject	300	31.0	256.6	<0.002	1.255	7.46	21.1	<1.0	3.2	105.6	1.11	0.12	24.6	0.095
28741	Core	187	49.1	220.0	<0.002	1.208	6.14	16.5	1.1	2.9	112.3	0.48	0.05	15.2	0.070
28742	Core	160	26.9	245.2	<0.002	0.872	6.68	19.7	<1.0	2.9	141.4	0.54	0.05	18.6	0.076
28743	Core	195	22.6	241.6	<0.002	0.746	7.20	18.1	<1.0	3.0	114.4	0.57	0.05	18.7	0.092
28744	Core	166	21.8	238.7	<0.002	0.766	3.66	18.3	<1.0	2.8	116.7	0.63	<0.05	18.7	0.106
28745	Core	167	18.2	255.4	<0.002	0.738	5.22	19.2	<1.0	3.2	127.1	0.61	0.07	17.8	0.114

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Certificate of Analysis

11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28746	Core	160	38.1	200.5	<0.002	0.797	3.47	19.0	1.1	2.5	136.1	0.46	0.07	17.7	0.086
28747	Core	238	27.0	224.1	<0.002	1.139	4.08	18.1	1.2	2.7	145.4	0.56	0.08	18.3	0.086
28748	Core	170	19.4	210.9	<0.002	0.527	2.05	16.7	1.0	2.7	127.3	0.51	0.06	17.7	0.095
28749	Core	195	29.6	231.0	<0.002	1.717	5.23	18.9	<1.0	2.9	166.3	0.48	0.06	19.9	0.086
28750	Core	62	9.9	32.1	<0.002	0.118	0.60	3.9	<1.0	0.7	129.3	0.12	<0.05	12.5	0.020
28751	Core	128	34.3	230.3	<0.002	1.447	5.94	18.9	<1.0	2.9	160.4	0.73	0.09	22.5	0.150
28752	Core	123	19.9	201.5	<0.002	0.767	3.93	16.9	<1.0	3.8	134.0	0.49	0.09	20.2	0.104
28753	Core	149	17.4	162.2	<0.002	0.653	2.18	14.9	<1.0	2.1	128.8	0.45	0.06	20.2	0.092

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28706	Core	1.15	4.6	190	0.8	6.2	124	75.6
28707	Core	1.04	4.1	184	1.0	5.4	125	74.9
28708	Core	0.82	3.1	155	1.4	5.7	101	62.6
28709	Core	1.15	4.1	185	0.8	5.6	125	72.7
28710	Core	0.78	3.3	157	0.5	6.3	128	68.0
28711	Core	0.43	2.8	131	1.0	15.4	92	58.5
28712	Core	0.10	1.6	187	3.0	5.0	117	67.3
28713	Core	0.98	4.4	205	2.1	6.3	120	78.1
28714	Core	0.99	4.5	195	2.3	6.7	120	83.4
28715	Core	1.03	4.1	188	3.9	6.5	136	79.8
28716	Core	0.97	4.7	195	1.7	7.4	117	82.6
28717	Core	1.06	4.9	203	1.5	7.7	114	94.6
28718	Core	0.28	1.9	80	0.8	4.1	59	44.0
28719	Core	0.97	4.1	158	1.9	6.5	80	83.9
28720	Core	0.12	1.5	49	0.6	3.7	48	44.6
28721	Core	0.74	3.6	147	1.0	6.4	87	84.8
28722	Core	1.01	3.6	167	3.0	6.9	102	98.8
28723	Core	0.07	1.2	29	0.7	2.1	40	25.2
28724	Core	0.05	1.1	16	0.8	2.4	20	27.4
28725	Core	0.40	2.2	69	1.1	4.7	47	64.3
28726	Core	0.10	1.5	27	0.6	3.0	20	37.8
28727	Core	0.09	1.3	28	0.5	2.6	25	30.8
28728	Core	0.32	2.1	62	1.4	3.8	41	54.7
28729	Core	<0.02	<0.1	15	<0.1	<0.1	53	<0.5
28730	Core	1.03	4.0	181	3.8	4.9	122	86.2
28731	Core	1.31	4.3	216	4.9	5.9	126	80.4
28732	Core	0.36	2.0	108	1.9	5.4	85	61.8
28733	Core	0.19	1.0	56	1.8	3.3	37	27.3
28734	Core	0.20	1.6	73	13.5	4.0	57	44.2
28735	Core	0.66	2.5	138	4.0	5.0	81	75.7
28736	Core	1.29	4.8	225	2.0	5.8	118	90.6
28737	Core	1.13	5.0	212	2.8	6.5	115	93.3
28738	Reject	1.14	4.2	213	3.6	5.5	126	81.5
28739	Pulp	12.85	8.6	444	32.2	24.3	274	69.7
28740	Reject	1.21	4.0	212	3.7	5.2	114	72.9
28741	Core	1.11	3.4	183	3.6	4.2	99	56.4
28742	Core	1.17	4.1	215	1.6	4.5	126	63.9
28743	Core	1.26	4.3	217	1.8	4.4	132	58.9
28744	Core	1.19	3.5	225	4.3	4.4	137	58.7
28745	Core	1.16	4.1	230	0.9	4.1	137	60.8

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28746	Core	0.98	3.9	211	1.7	5.1	128	66.0
28747	Core	1.09	3.9	216	0.8	5.3	122	67.0
28748	Core	0.98	3.8	211	1.1	5.7	138	81.8
28749	Core	1.18	4.1	212	1.4	6.0	116	74.6
28750	Core	0.16	1.4	76	0.4	3.9	68	29.5
28751	Core	0.99	3.6	220	1.4	6.5	101	102.4
28752	Core	0.85	3.1	173	0.9	6.6	82	87.1
28753	Core	0.79	3.5	183	1.2	5.5	119	71.2

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28706	Core		0.24	>10	25.7	927	3.09	0.62	0.12	0.13	45.63	22.5	106	9.80	61.4
28706 Dup			0.27	>10	24.4	952	3.00	0.60	0.11	0.12	41.91	21.2	104	9.77	57.6
QCV1109-01761-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.49												1036.2
28724	Core		0.06	1.03	94.0	30	0.27	0.04	0.08	0.05	22.44	3.6	199	0.52	5.2
28724 Dup			0.07	1.07	101.9	34	0.29	0.04	0.07	0.05	22.72	4.4	194	0.62	7.6
QCV1109-01761-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.92		7.5	401	2.71	8.57		0.22	85.69	23.0		6.70	>10000
28742	Core		0.79	>10	35.3	902	3.26	0.45	0.16	0.09	15.48	21.0	103	7.58	58.6
28742 Dup			0.83	>10	34.8	892	3.54	0.45	0.17	0.10	18.73	19.9	103	7.49	57.3
QCV1109-01761-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-01761-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.62			423		8.37		0.20	81.14	21.3		6.74	>10000
28706	Core	<0.005													
28706 Dup		<0.005													
28724	Core	0.025													
28724 Dup		0.010													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.880													
QCV1109-01762-0004-BLK		<0.005													
28742	Core	0.007													
28742 Dup		0.011													
QCV1109-01762-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.906													

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11-360-07182-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28706	Core	5.56	32.43	1.64	5.0	0.08	2.74	24.0	63.2	1.03	620	1.38	0.45	3.1	47.8
28706 Dup		5.47	29.80	1.63	4.5	0.08	2.86	23.3	62.7	1.04	608	1.29	0.47	2.7	45.6
QCV1109-01761-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result								12.5							
28724	Core	0.84	2.59	0.84	1.6	<0.01	0.13	8.9	11.2	0.05	199	0.55	0.01	0.6	6.7
28724 Dup		0.84	2.82	0.80	1.5	<0.01	0.14	9.4	13.2	0.05	203	0.68	0.01	0.8	8.2
QCV1109-01761-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.79			1.14		42.8	25.1			0.89			42.5
28742	Core	5.63	31.63	1.27	3.9	0.07	3.08	8.4	51.5	1.26	355	0.39	0.23	2.2	46.2
28742 Dup		5.67	32.57	1.23	3.6	0.07	3.08	10.3	52.2	1.26	357	0.38	0.23	2.2	45.3
QCV1109-01761-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-01761-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.58			1.17		40.6	25.7			0.76			38.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28706	Core	332	41.9	219.0	0.003	2.695	1.60	18.1	<1.0	2.4	190.8	0.57	0.37	24.8	0.115
28706 Dup		302	41.6	230.6	0.003	2.656	1.76	17.7	<1.0	2.5	203.4	0.43	0.34	22.1	0.102
QCV1109-01761-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28724	Core	112	12.0	9.9	<0.002	0.150	0.53	1.3	<1.0	0.3	10.4	0.08	<0.05	9.3	0.015
28724 Dup		118	13.9	10.4	<0.002	0.149	0.64	1.5	<1.0	0.5	11.7	0.08	<0.05	8.6	0.016
QCV1109-01761-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.9	188.9	0.003	1.320	2.77	12.0	13.2	22.8	30.9		0.10		
28742	Core	160	26.9	245.2	<0.002	0.872	6.68	19.7	<1.0	2.9	141.4	0.54	0.05	18.6	0.076
28742 Dup		168	25.3	238.5	<0.002	0.886	6.79	18.1	<1.0	2.8	136.4	0.48	0.06	18.2	0.074
QCV1109-01761-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-01761-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.3	205.7	0.003	1.267	2.80	12.5	14.2	21.8	35.2		0.06		

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28706	Core	1.15	4.6	190	0.8	6.2	124	75.6
28706 Dup		1.10	4.3	188	0.7	6.0	122	74.9
QCV1109-01761-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28724	Core	0.05	1.1	16	0.8	2.4	20	27.4
28724 Dup		0.06	1.0	17	0.8	2.7	18	28.3
QCV1109-01761-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.98	3.7			24.2	182	118.7
28742	Core	1.17	4.1	215	1.6	4.5	126	63.9
28742 Dup		1.16	3.9	218	1.5	4.4	127	59.6
QCV1109-01761-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-01761-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	3.2			23.4	184	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 24**
Client Reference: **Core 24**
Description: **3 ACE**

Date Received: 09/30/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	46	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28850	Core	0.082	0.22	9.29	364.3	643	3.11	0.32	0.52	0.03	24.10	14.5	150	11.13	38.2
28851	Core	0.056	0.21	>10	83.2	782	3.42	0.34	0.49	0.04	55.47	16.5	142	15.75	46.4
28852	Core	0.008	0.60	8.15	42.6	540	2.05	0.26	0.53	0.05	26.73	12.7	129	9.69	36.5
28853	Core	0.065	0.29	9.97	156.5	667	2.70	0.41	0.37	0.05	36.92	18.5	130	12.62	39.9
28854	Core	0.028	0.19	7.43	56.3	509	2.32	0.24	0.76	0.03	56.80	12.1	123	7.90	26.9
28855	Core	0.022	0.18	8.29	203.3	567	2.82	0.26	0.47	0.06	59.99	14.7	149	12.37	36.2
28856	Core	0.024	0.26	6.42	250.3	452	2.05	0.22	0.83	0.09	32.46	12.0	163	6.30	30.3
28857	Core	0.172	0.20	>10	73.3	899	4.30	0.47	0.20	<0.02	33.08	19.3	110	10.68	49.3
28858	Core	0.011	0.18	>10	54.9	748	3.39	0.46	0.22	0.08	62.73	17.0	113	7.96	49.3
28859	Core	0.028	0.23	>10	69.9	1059	4.69	0.43	0.50	0.05	44.46	22.2	126	11.02	52.8
28860	Core	0.260	0.09	2.56	270.9	48	0.75	0.07	1.28	0.06	19.48	5.0	162	1.18	16.2
28861	Core	0.119	0.23	>10	130.2	1022	4.64	0.52	0.17	0.16	50.86	13.0	146	9.05	40.3
28862	Core	0.221	0.30	9.57	342.7	698	3.27	1.21	0.23	0.05	55.33	28.1	162	5.89	33.1
28863	Core	0.137	0.16	3.66	296.5	182	1.22	0.20	0.43	0.15	25.88	7.3	159	3.38	26.9
28864	Core	0.058	0.13	8.02	139.9	600	2.64	0.14	0.20	0.08	32.57	12.3	218	7.11	38.1
28865	Core	0.268	0.19	3.84	605.2	197	1.22	0.09	0.95	0.11	30.25	11.1	159	2.49	26.9
28866	Core	0.015	0.05	1.15	52.7	42	0.45	0.02	0.17	0.03	12.56	6.2	100	0.68	18.6
28867	Core	1.492	0.45	3.33	466.1	138	0.89	0.06	0.50	0.07	30.53	7.7	149	1.94	14.9
28868	Core	0.087	0.29	>10	337.1	1162	5.18	0.50	0.33	0.09	77.30	19.8	124	9.84	65.7
28869	Core	0.067	0.23	>10	127.9	1068	5.04	0.47	0.22	0.10	66.82	21.6	130	9.86	52.7
28870	Core	0.446	0.36	>10	498.6	843	4.12	0.21	0.21	0.70	32.72	18.2	172	7.71	58.9
28871	Core	0.030	0.20	>10	89.2	910	4.09	0.24	0.45	0.05	71.57	14.9	123	9.42	51.9
28872	Core	0.010	0.15	8.09	44.8	494	2.36	0.21	0.17	0.04	55.39	15.1	141	5.27	33.8
28873	Core	0.513	0.43	>10	187.5	991	4.24	0.53	0.24	0.19	89.48	21.9	150	10.75	50.4
28874	Core	0.174	0.26	9.25	81.9	671	3.33	0.39	0.33	0.14	70.55	16.1	146	9.11	42.1
28875	Core	0.045	0.31	>10	108.9	416	3.73	0.56	0.13	0.19	97.57	19.1	132	11.34	51.1
28876	Core	0.571	0.45	8.46	254.0	456	2.99	0.39	0.68	0.10	49.51	14.7	154	11.22	45.1
28877	Core	2.455	0.35	>10	3933.4	896	5.10	0.56	0.07	0.12	73.61	23.5	155	15.63	45.0
28878	Core	1.338	0.68	>10	3721.9	533	4.57	0.37	0.18	1.39	59.10	19.5	152	11.14	50.5
28879	Core	0.919	0.51	4.24	>10000	221	1.11	1.08	0.22	1.06	30.31	11.1	167	3.96	11.8
28880	Core	1.385	0.28	1.94	2514.6	98	0.62	0.16	0.03	0.79	16.39	3.8	203	2.08	10.9
28881	Core	3.183	0.54	7.83	8059.4	533	3.06	0.26	0.12	0.49	36.87	17.1	204	7.30	32.3
28882	Reject	2.118	0.41	>10	3935.8	838	5.04	0.46	0.12	0.27	51.48	22.3	183	10.87	58.7
28883	Pulp	8.150	0.65	3.35	955.4	171	1.18	0.69	>10	4.74	33.07	6.0	99	7.17	34.8
28884	Reject	2.644	0.88	>10	6169.1	832	5.29	0.46	0.09	0.09	60.55	23.4	190	10.46	31.5
28885	Core	0.412	0.30	9.28	716.4	618	3.80	0.33	0.23	0.23	38.84	19.4	213	6.83	18.4
28886	Core	1.652	0.50	>10	>10000	936	5.22	0.41	0.19	0.29	53.65	21.1	189	12.03	53.9
28887	Core	0.308	0.22	1.28	4411.7	26	0.33	0.04	0.03	0.54	12.58	4.4	189	0.78	12.5
28888	Core	0.157	0.30	0.75	1307.1	18	0.26	0.04	0.07	2.24	7.87	2.4	136	0.57	10.4
28889	Core	0.532	2.63	0.75	1070.3	16	0.26	0.10	0.06	6.93	5.13	2.9	142	0.58	14.6

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28890	Core	0.245	1.73	1.88	2862.4	61	0.52	0.10	0.17	0.58	21.05	5.7	186	1.95	17.9
28891	Core	0.243	0.43	9.34	695.5	677	3.38	0.33	0.31	0.49	59.19	17.2	149	9.45	37.6
28892	Core	0.090	0.31	>10	218.8	826	4.18	0.39	0.13	0.10	71.81	20.9	111	13.98	42.8
28893	Core	0.056	0.21	>10	78.1	732	3.20	0.30	0.43	0.12	51.16	17.7	125	9.64	38.9
28894	Core	0.049	0.34	8.65	131.9	594	2.83	0.25	0.60	0.47	48.94	15.5	154	6.22	36.1
28895	Core	0.069	0.23	>10	58.8	856	4.15	0.41	0.42	0.08	69.40	22.5	140	9.02	54.4
28896	Core	0.058	0.21	>10	52.6	844	4.77	0.45	0.22	0.08	67.23	22.6	119	8.86	47.3
28897	Core	0.077	0.25	>10	46.3	841	4.12	0.39	0.33	0.09	57.83	20.3	131	9.42	44.7
28898	Core	0.008	0.15	>10	28.2	750	3.24	0.33	0.16	0.07	49.19	21.4	113	7.95	43.0

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28850	Core	4.19	20.99	1.69	<0.1	0.06	2.73	13.3	67.9	0.94	489	0.47	0.24	1.7	36.8
28851	Core	4.69	24.65	0.36	<0.1	0.07	3.22	31.1	54.7	1.17	559	0.47	0.32	2.5	45.2
28852	Core	3.43	18.15	0.58	<0.1	0.05	2.13	15.3	81.1	0.79	549	0.51	0.28	4.4	31.6
28853	Core	4.35	21.32	1.23	<0.1	0.06	2.70	20.4	54.3	0.95	561	0.56	0.37	2.7	39.2
28854	Core	4.03	17.02	1.43	<0.1	0.04	1.85	30.0	34.2	0.90	608	0.41	0.16	1.9	30.3
28855	Core	4.48	19.10	1.96	<0.1	0.06	2.35	32.9	29.6	0.96	667	0.52	0.16	1.5	36.7
28856	Core	3.68	13.89	1.47	<0.1	0.04	1.79	17.6	29.9	0.88	756	0.65	0.12	0.9	28.2
28857	Core	5.24	29.82	1.67	<0.1	0.08	4.03	19.2	52.0	1.02	454	0.55	0.25	2.1	54.6
28858	Core	4.35	25.22	1.77	<0.1	0.07	3.32	35.7	43.9	0.74	329	0.50	0.19	2.9	50.7
28859	Core	5.37	31.95	1.69	<0.1	0.09	4.45	25.7	41.7	1.05	423	0.55	0.27	4.7	50.9
28860	Core	3.05	4.94	0.26	<0.1	0.01	0.21	9.8	84.9	0.78	814	0.37	0.16	0.5	19.1
28861	Core	3.65	30.05	0.66	<0.1	0.08	4.43	31.2	17.1	0.63	406	0.84	0.24	3.1	41.9
28862	Core	3.94	21.48	1.12	<0.1	0.05	2.98	31.8	48.3	0.53	507	0.84	0.16	2.2	48.2
28863	Core	2.97	7.82	0.22	<0.1	0.02	0.83	13.8	48.7	0.50	624	0.42	0.06	0.8	17.6
28864	Core	3.06	19.19	1.42	<0.1	0.05	2.57	18.5	38.7	0.64	386	0.60	0.15	1.7	28.6
28865	Core	2.69	9.23	0.67	<0.1	0.03	0.92	15.1	31.2	0.54	825	0.47	0.06	1.0	18.5
28866	Core	0.92	2.42	0.23	<0.1	<0.01	0.17	5.8	6.1	0.12	215	0.47	0.01	0.4	7.1
28867	Core	2.46	7.49	0.60	<0.1	0.02	0.63	14.5	24.7	0.48	628	0.42	0.32	0.9	13.7
28868	Core	4.12	32.83	1.42	<0.1	0.10	4.78	44.7	32.5	0.78	432	0.51	0.28	4.7	52.3
28869	Core	5.39	31.43	2.02	<0.1	0.09	4.32	38.9	32.6	0.87	560	0.54	0.23	2.8	52.2
28870	Core	5.20	27.49	1.79	<0.1	0.08	3.44	18.5	78.0	0.86	666	0.57	0.17	2.2	47.4
28871	Core	5.25	27.70	1.52	<0.1	0.07	3.56	41.0	30.0	0.86	656	0.46	0.24	3.0	48.9
28872	Core	4.44	18.01	1.10	<0.1	0.05	2.01	30.1	71.5	0.71	654	0.50	0.13	2.5	35.0
28873	Core	5.30	27.33	1.75	<0.1	0.09	3.75	52.2	25.9	0.76	701	0.80	0.27	3.1	48.7
28874	Core	4.55	21.11	1.72	<0.1	0.07	2.65	39.9	23.5	0.58	916	<0.05	0.22	2.7	35.6
28875	Core	5.32	23.18	1.27	<0.1	0.07	3.06	54.7	24.3	0.70	570	0.60	0.27	2.5	44.7
28876	Core	4.85	18.07	1.48	<0.1	0.06	2.40	28.7	54.7	0.85	1256	0.55	0.21	2.1	35.5
28877	Core	5.41	34.83	2.41	<0.1	0.10	4.03	41.4	54.4	0.96	611	0.84	0.24	2.5	55.1
28878	Core	5.31	34.47	1.92	<0.1	0.14	3.65	33.1	44.2	0.80	668	0.89	0.17	2.8	50.2
28879	Core	2.03	10.98	0.71	<0.1	0.05	1.18	15.5	70.6	0.23	142	0.72	0.07	1.4	23.0
28880	Core	0.93	4.86	0.27	<0.1	0.02	0.49	8.0	34.5	0.07	107	0.50	0.03	0.6	9.5
28881	Core	3.76	26.58	0.36	<0.1	0.07	2.35	19.3	24.7	0.49	538	0.81	0.12	2.6	38.9
28882	Reject	4.99	38.28	0.72	<0.1	0.09	3.52	27.9	94.9	0.92	655	0.87	0.19	4.1	60.1
28883	Pulp	1.35	6.74	<0.05	<0.1	0.06	1.25	20.8	9.4	0.77	284	9.55	<0.01	7.1	63.7
28884	Reject	4.87	37.71	2.21	<0.1	0.09	3.72	33.5	76.3	0.82	618	0.90	0.20	3.5	55.7
28885	Core	2.21	30.29	1.96	<0.1	0.06	3.05	20.3	14.6	0.42	253	0.83	0.15	3.2	37.0
28886	Core	4.47	41.64	2.45	<0.1	0.10	4.35	30.1	27.5	0.74	434	0.88	0.23	3.2	51.6
28887	Core	0.90	2.68	1.68	<0.1	0.02	0.14	5.9	5.5	0.03	129	0.49	<0.01	0.4	10.3
28888	Core	0.51	1.37	1.34	<0.1	0.06	0.10	3.5	9.7	0.03	61	0.43	<0.01	0.2	3.8
28889	Core	0.45	1.51	1.66	<0.1	0.10	0.09	2.4	9.5	0.03	50	0.63	<0.01	0.2	3.4

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11-360-07345-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28890	Core	0.76	3.58	1.56	<0.1	0.02	0.43	9.7	9.2	0.11	158	0.53	0.03	0.8	7.7
28891	Core	3.25	22.25	1.57	<0.1	0.07	3.07	32.0	23.4	0.64	342	<0.05	0.16	3.1	33.0
28892	Core	5.16	27.19	1.72	<0.1	0.08	3.83	39.3	27.7	1.23	370	0.73	0.25	2.9	47.0
28893	Core	4.53	23.46	1.78	<0.1	0.07	3.15	27.8	39.4	1.13	454	0.64	0.42	2.9	41.3
28894	Core	4.00	19.10	1.64	<0.1	0.06	2.54	26.0	35.7	0.89	466	0.90	0.48	2.4	36.4
28895	Core	5.30	27.47	2.18	<0.1	0.09	3.80	39.9	41.5	1.16	301	0.84	0.21	3.4	52.8
28896	Core	5.45	27.20	2.26	<0.1	0.08	3.66	36.1	45.0	1.16	347	0.97	0.22	3.1	52.5
28897	Core	5.48	26.97	2.01	<0.1	0.07	3.57	31.7	44.1	1.03	380	0.92	0.23	2.7	50.4
28898	Core	4.90	24.94	1.97	<0.1	0.07	3.24	26.8	43.6	0.82	417	0.73	0.23	2.9	45.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28850	Core	466	18.0	181.9	0.902	0.234	2.28	13.6	<1.0	2.1	95.6	0.25	<0.05	3.2	0.059
28851	Core	376	23.0	214.6	0.991	0.165	1.74	16.2	<1.0	2.3	107.2	0.40	0.15	3.8	0.089
28852	Core	254	19.8	143.6	0.716	0.101	1.58	12.7	<1.0	2.0	94.5	0.90	0.14	3.1	0.045
28853	Core	284	17.7	175.5	0.908	0.598	3.03	14.8	<1.0	2.1	114.1	0.65	0.30	3.8	0.072
28854	Core	1812	15.7	128.6	0.659	0.106	1.89	10.9	<1.0	1.6	92.8	0.40	<0.05	2.8	0.056
28855	Core	513	21.5	158.1	0.774	0.165	2.68	12.2	1.1	2.0	74.7	0.33	0.07	2.6	0.052
28856	Core	250	24.5	111.0	0.550	0.932	3.67	8.5	<1.0	1.3	96.4	0.22	0.08	2.3	0.032
28857	Core	427	7.4	243.6	1.297	0.144	2.13	19.7	1.7	2.8	81.3	0.62	0.13	5.1	0.081
28858	Core	366	12.1	196.8	1.135	0.162	1.79	16.7	<1.0	2.5	70.8	0.71	0.16	5.2	0.097
28859	Core	1427	17.7	283.7	1.382	0.447	3.25	21.3	2.4	3.1	116.7	0.74	0.21	5.3	0.138
28860	Core	205	15.3	13.2	0.077	0.270	1.31	2.7	<1.0	0.4	96.5	0.07	<0.05	0.9	0.013
28861	Core	253	39.7	252.4	1.390	0.549	4.26	19.0	<1.0	3.0	95.0	0.74	0.25	4.5	0.113
28862	Core	198	29.2	170.1	0.933	1.345	8.89	14.1	1.2	2.4	68.6	0.43	0.47	3.4	0.077
28863	Core	91	25.4	49.5	0.276	0.547	1.42	4.6	<1.0	1.0	52.1	0.15	<0.05	1.4	0.024
28864	Core	208	7.1	167.0	0.818	0.305	1.86	11.9	<1.0	2.2	65.3	0.32	<0.05	2.9	0.062
28865	Core	268	34.4	57.4	0.303	0.609	1.57	4.6	<1.0	1.3	69.2	0.12	0.05	1.6	0.029
28866	Core	73	12.3	11.4	0.045	0.045	0.58	1.1	<1.0	1.3	12.6	<0.05	<0.05	0.5	0.011
28867	Core	134	17.5	39.5	0.213	0.309	1.37	3.5	1.1	0.8	43.4	0.12	0.05	1.4	0.027
28868	Core	1245	16.7	294.0	1.487	0.365	2.42	22.4	2.6	3.6	123.8	0.88	0.07	6.0	0.156
28869	Core	487	33.0	278.5	1.357	0.324	2.66	20.5	2.6	3.0	94.3	0.65	0.17	4.8	0.111
28870	Core	365	140.4	225.9	1.118	0.678	3.20	17.0	1.8	2.8	74.1	0.42	0.10	3.8	0.086
28871	Core	1545	4.6	234.6	1.112	0.300	2.17	19.0	1.6	2.8	119.7	0.52	<0.05	5.1	0.107
28872	Core	240	5.5	136.4	0.662	0.149	1.73	11.5	1.1	1.6	52.7	0.32	0.12	3.3	0.078
28873	Core	329	52.0	256.1	1.222	2.493	12.83	19.5	2.0	2.9	122.0	0.52	0.35	4.3	0.112
28874	Core	257	46.9	185.2	0.974	2.388	12.68	14.4	1.4	2.1	104.4	0.38	0.28	3.3	0.086
28875	Core	359	46.5	212.0	1.132	3.366	14.35	16.1	<1.0	2.4	125.9	0.38	0.25	4.0	0.090
28876	Core	204	32.9	168.3	0.907	2.857	10.47	11.6	<1.0	2.2	124.9	0.28	0.14	3.0	0.067
28877	Core	122	37.9	271.8	1.369	2.420	10.85	18.6	2.0	3.8	96.1	0.54	0.11	3.8	0.101
28878	Core	100	224.9	247.3	1.339	3.500	10.90	18.3	1.2	6.4	64.7	0.65	<0.05	4.3	0.115
28879	Core	46	81.6	79.3	0.389	1.237	17.94	5.2	2.1	13.7	37.4	0.17	0.05	2.1	0.044
28880	Core	<10	64.5	32.2	0.157	0.525	3.73	2.0	<1.0	3.1	15.5	0.07	0.09	0.8	0.018
28881	Core	40	115.1	161.5	0.780	1.574	10.67	13.8	<1.0	4.0	41.8	0.32	0.05	3.0	0.090
28882	Reject	44	28.4	238.4	1.181	1.514	9.14	20.5	2.0	5.6	69.4	0.50	0.14	3.9	0.145
28883	Pulp	4635	6.6	119.5	13.520	1.212	29.16	6.0	9.2	1.8	130.0	0.53	0.62	8.8	0.203
28884	Reject	57	24.7	241.4	1.266	1.969	10.98	20.2	2.5	5.2	74.2	0.58	<0.05	3.9	0.124
28885	Core	42	16.6	183.3	0.968	1.227	5.68	15.6	2.0	4.3	69.3	0.47	<0.05	3.3	0.115
28886	Core	158	21.7	283.6	1.392	1.989	15.91	20.5	1.5	5.0	93.8	0.62	0.09	4.0	0.125
28887	Core	34	44.9	9.3	0.055	0.487	4.99	1.3	1.3	1.5	8.4	0.09	0.07	0.6	0.009
28888	Core	<10	223.3	6.4	0.018	0.290	2.36	0.8	1.3	1.7	10.1	<0.05	<0.05	0.3	0.006
28889	Core	<10	2210.0	5.4	0.026	0.213	5.23	0.7	<1.0	2.0	7.6	<0.05	<0.05	<0.2	<0.005

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11-360-07345-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28890	Core	80	62.5	26.5	0.122	0.411	3.43	1.5	<1.0	6.7	19.3	0.10	<0.05	0.9	0.016
28891	Core	319	95.4	191.9	0.964	1.435	3.97	13.6	1.2	3.4	71.9	0.55	<0.05	3.2	0.093
28892	Core	313	23.6	252.9	1.327	0.841	4.69	18.3	4.1	2.8	72.1	0.74	<0.05	4.3	0.098
28893	Core	256	24.1	196.1	0.993	0.674	4.88	15.5	1.3	2.4	89.9	0.56	<0.05	3.7	0.096
28894	Core	410	47.5	156.0	0.795	0.969	6.22	12.9	<1.0	2.2	92.0	0.38	0.08	2.8	0.081
28895	Core	389	29.6	238.3	1.210	1.125	7.19	19.6	2.2	2.8	89.0	0.82	<0.05	4.6	0.115
28896	Core	343	31.2	229.9	1.226	1.144	8.59	19.4	2.0	2.8	81.6	0.75	0.10	4.6	0.114
28897	Core	590	29.7	222.7	1.156	0.887	6.28	18.8	<1.0	2.9	101.0	0.61	<0.05	4.2	0.097
28898	Core	263	25.1	203.9	1.092	0.592	2.86	16.6	<1.0	2.5	90.8	0.59	<0.05	4.5	0.103

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11-360-07345-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28850	Core	1.39	2.5	97	42.4	4.8	97	64.7
28851	Core	0.13	5.1	127	4.1	5.8	103	86.3
28852	Core	0.43	2.8	96	2.7	4.7	79	67.0
28853	Core	0.18	3.7	117	3.0	5.6	99	84.3
28854	Core	0.15	5.9	100	3.4	6.4	83	70.0
28855	Core	0.17	5.9	111	5.3	5.1	104	66.8
28856	Core	0.14	3.3	89	4.0	3.7	62	46.6
28857	Core	0.20	3.4	149	4.6	6.7	141	98.1
28858	Core	0.11	6.8	132	3.0	6.8	131	99.9
28859	Core	0.17	4.3	157	4.2	8.7	115	117.3
28860	Core	0.06	1.9	51	1.3	3.5	58	24.0
28861	Core	0.22	5.4	136	5.3	5.9	107	94.5
28862	Core	0.15	5.9	112	4.7	4.8	77	75.2
28863	Core	0.09	2.9	62	2.2	2.7	87	31.7
28864	Core	0.12	3.4	110	3.7	4.1	77	64.7
28865	Core	1.56	3.1	69	53.2	4.0	66	43.7
28866	Core	0.05	1.2	48	2.4	1.4	19	18.2
28867	Core	0.11	2.9	60	3.9	3.2	45	44.3
28868	Core	0.27	8.0	153	6.8	8.6	115	109.4
28869	Core	0.19	6.3	156	5.8	5.9	133	92.5
28870	Core	0.21	3.1	133	5.9	5.8	244	83.8
28871	Core	0.14	6.9	138	5.3	7.9	141	99.7
28872	Core	0.14	5.5	106	4.7	5.0	104	76.2
28873	Core	0.21	8.6	147	6.8	5.8	129	95.5
28874	Core	0.19	7.2	124	4.5	4.8	110	75.4
28875	Core	0.15	10.5	129	5.0	5.0	117	74.3
28876	Core	0.10	5.3	108	5.2	4.8	107	63.0
28877	Core	0.28	7.6	176	10.1	5.4	142	77.1
28878	Core	0.37	6.1	187	10.4	6.6	354	95.1
28879	Core	0.22	3.0	84	5.0	3.8	88	60.5
28880	Core	0.05	1.7	56	1.7	1.6	69	24.2
28881	Core	0.23	3.7	158	8.4	5.5	132	74.1
28882	Reject	0.34	5.0	223	11.8	6.0	182	84.4
28883	Pulp	1.17	5.0	437	37.1	23.1	271	75.8
28884	Reject	0.42	6.4	223	11.1	5.9	159	84.9
28885	Core	0.21	3.7	199	8.3	4.8	114	69.3
28886	Core	0.32	5.2	228	9.1	5.9	225	95.4
28887	Core	0.12	1.2	47	1.3	1.4	47	19.9
28888	Core	0.11	0.7	45	0.7	0.8	210	7.6
28889	Core	0.05	0.5	46	0.7	0.6	451	5.8

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Certificate of Analysis

11-360-07345-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28890	Core	0.10	2.0	50	1.8	2.1	50	30.3
28891	Core	0.15	6.0	125	5.1	5.7	91	85.0
28892	Core	0.16	7.1	161	4.0	5.6	119	88.2
28893	Core	0.08	5.2	141	2.2	6.1	106	94.5
28894	Core	0.68	4.6	123	20.8	4.7	112	68.7
28895	Core	0.09	6.9	172	2.4	5.8	124	95.6
28896	Core	0.05	6.4	171	1.8	5.7	123	95.7
28897	Core	0.11	6.0	162	3.2	5.4	122	82.0
28898	Core	0.08	5.1	156	2.1	6.3	115	96.8

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11-360-07345-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28850	Core		0.22	9.29	364.3	643	3.11	0.32	0.52	0.03	24.10	14.5	150	11.13	38.2
28850 Dup			0.20	9.66	348.0	655	3.55	0.31	0.54	0.05	27.51	14.2	148	10.95	38.6
QCV1110-00095-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.30												1048.0
28868	Core		0.29	>10	337.1	1162	5.18	0.50	0.33	0.09	77.30	19.8	124	9.84	65.7
28868 Dup			0.29	>10	350.7	1179	5.52	0.46	0.32	0.09	77.44	20.8	130	10.24	61.1
QCV1110-00095-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.04								25.40				1046.6
28886	Core		0.50	>10	>10000	936	5.22	0.41	0.19	0.29	53.65	21.1	189	12.03	53.9
28886 Dup			1.28	>10	>10000	925	5.23	0.42	0.19	0.26	61.02	22.2	172	12.16	55.5
QCV1110-00095-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-00095-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.54		11.4	428	3.28	8.08		0.14	90.03	23.1		6.75	>10000
28850	Core	0.082													
28850 Dup		0.075													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.939													
28868	Core	0.087													
28868 Dup		0.078													
28886	Core	1.652													
28886 Dup		1.714													
QCV1110-00115-0006-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.520													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28850	Core	4.19	20.99	1.69	<0.1	0.06	2.73	13.3	67.9	0.94	489	0.47	0.24	1.7	36.8
28850 Dup		4.29	20.61	0.49	<0.1	0.06	2.83	15.2	71.1	0.98	502	0.45	0.25	1.6	38.5
QCV1110-00095-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result			10.92												
28868	Core	4.12	32.83	1.42	<0.1	0.10	4.78	44.7	32.5	0.78	432	0.51	0.28	4.7	52.3
28868 Dup		4.03	33.34	1.90	<0.1	0.09	4.70	44.3	32.6	0.77	422	0.53	0.28	4.3	51.1
QCV1110-00095-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28886	Core	4.47	41.64	2.45	<0.1	0.10	4.35	30.1	27.5	0.74	434	0.88	0.23	3.2	51.6
28886 Dup		4.48	43.16	2.47	<0.1	0.11	4.20	44.0	27.1	0.73	426	<0.05	0.22	6.5	51.2
QCV1110-00095-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-00095-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.40			1.17		45.7	25.4			0.88		15.0	43.6

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28850	Core	466	18.0	181.9	0.902	0.234	2.28	13.6	<1.0	2.1	95.6	0.25	<0.05	3.2	0.059
28850 Dup		500	16.4	178.9	0.854	0.235	2.21	13.7	1.2	2.0	98.5	0.32	<0.05	3.1	0.061
QCV1110-00095-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28868	Core	1245	16.7	294.0	1.487	0.365	2.42	22.4	2.6	3.6	123.8	0.88	0.07	6.0	0.156
28868 Dup		1222	16.2	307.8	1.526	0.346	2.58	22.5	1.5	3.4	121.3	0.82	0.07	5.8	0.144
QCV1110-00095-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28886	Core	158	21.7	283.6	1.392	1.989	15.91	20.5	1.5	5.0	93.8	0.62	0.09	4.0	0.125
28886 Dup		163	22.9	276.1	1.348	1.975	15.42	21.4	2.3	5.3	93.5	1.39	0.16	4.2	0.131
QCV1110-00095-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-00095-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.7	205.6	0.864	1.317	3.28	13.6	14.0	22.3	34.5		0.05		

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28850	Core	1.39	2.5	97	42.4	4.8	97	64.7
28850 Dup		1.35	2.7	110	42.1	4.9	101	64.3
QCV1110-00095-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28868	Core	0.27	8.0	153	6.8	8.6	115	109.4
28868 Dup		0.20	7.1	162	6.0	8.2	110	112.1
QCV1110-00095-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28886	Core	0.32	5.2	228	9.1	5.9	225	95.4
28886 Dup		0.50	8.1	226	9.5	6.1	214	96.8
QCV1110-00095-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-00095-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result						23.6	185	122.4

3Ace Property, Northern Tiger Resources Inc.
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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Jim McFaull
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 23**
Client Reference: **Core 23**
Description: **3 ACE**

Date Received: 10/03/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28754	Core	<0.005	0.17	>10	16.4	616	3.57	0.35	0.65	0.12	15.39	20.1	129	6.73	46.2
28755	Core	0.013	0.16	>10	12.7	592	2.89	0.31	0.29	0.03	39.26	19.0	108	5.95	43.7
28756	Core	0.008	0.13	>10	10.4	608	3.07	0.31	0.32	0.05	39.25	18.9	98	6.14	40.6
28757	Core	0.006	0.13	>10	11.8	724	4.19	0.30	0.45	0.06	18.66	19.5	125	7.94	44.7
28758	Core	0.009	0.14	>10	15.1	722	4.03	0.35	0.62	0.09	26.57	19.2	112	7.65	40.8
28759	Core	<0.005	0.15	>10	19.4	713	4.18	0.39	0.24	0.03	21.01	19.4	105	8.12	44.8
28760	Core	<0.005	0.11	2.94	4.1	84	1.00	0.08	2.23	0.07	27.23	4.2	185	1.98	10.6
28761	Core	<0.005	0.14	>10	7.1	469	3.94	0.39	0.31	0.02	116.52	17.1	105	7.44	53.6
28762	Core	<0.005	0.15	>10	3.6	494	3.87	0.24	0.51	0.06	112.63	12.9	110	7.89	61.5
28763	Core	<0.005	0.21	>10	6.9	447	3.95	0.38	0.19	0.03	120.61	15.3	104	7.39	45.3
28764	Core	<0.005	0.17	>10	9.0	453	4.06	0.54	0.43	0.08	111.78	17.9	103	7.42	51.4
28765	Core	<0.005	0.48	>10	7.6	432	3.76	0.43	0.38	0.05	118.67	16.3	101	7.15	50.5
28766	Core	<0.005	0.29	>10	8.1	465	3.62	0.44	0.47	0.05	99.91	18.3	93	5.42	51.9
28767	Core	<0.005	0.36	>10	7.8	472	4.08	0.49	0.24	0.05	107.96	17.5	99	7.85	53.3
28768	Core	<0.005	1.54	>10	8.7	477	4.07	0.48	0.34	0.06	107.64	16.9	105	7.95	54.1
28769	Core	<0.005	0.26	>10	7.4	397	2.97	0.42	2.08	0.05	89.14	16.9	129	6.30	43.7
28770	Core	<0.005	0.23	>10	12.4	531	4.03	0.47	0.53	0.05	133.69	19.8	112	8.44	58.7
28771	Core	<0.005	1.09	9.81	8.7	403	2.65	0.41	2.40	0.08	67.40	15.0	162	6.42	57.6
28772	Core	<0.005	0.37	>10	6.6	466	3.58	0.29	2.09	0.36	102.76	15.0	121	7.68	60.6
28773	Core	<0.005	0.20	>10	9.0	491	4.38	0.46	0.25	0.08	118.51	19.0	92	7.74	56.7
28774	Reject	<0.005	0.18	>10	10.1	462	3.78	0.50	0.46	0.06	104.11	19.8	97	7.48	55.3
28775	Reject	<0.005	0.19	>10	9.8	445	3.88	0.50	0.49	0.06	115.15	19.0	92	7.21	54.3
28776	Core	0.011	0.18	0.09	0.6	25	0.12	0.03	>10	0.06	1.35	1.1	9	0.78	2.2
28777	Core	<0.005	0.19	>10	38.8	435	3.71	0.55	1.08	0.11	90.19	25.3	90	6.79	58.1
28778	Core	<0.005	0.22	>10	29.7	462	3.99	0.91	1.01	0.08	106.74	28.5	103	7.28	53.7
28779	Core	<0.005	0.21	>10	8.9	475	3.81	0.48	0.21	0.06	120.74	18.7	87	7.16	54.3
28780	Core	<0.005	0.22	>10	9.8	485	3.31	0.34	2.14	0.06	109.76	18.0	131	7.29	47.0
28781	Core	<0.005	0.09	8.89	4.6	503	3.56	0.21	2.61	<0.02	82.96	14.0	124	5.72	34.4
28782	Core	<0.005	0.14	>10	7.8	553	4.02	0.24	1.11	0.05	83.17	14.1	97	8.36	46.2
28783	Core	0.012	0.26	>10	32.8	475	3.99	0.49	2.30	0.14	39.87	33.1	147	7.92	50.6
28784	Core	<0.005	0.17	>10	11.2	549	3.86	0.45	1.44	0.08	62.77	15.6	96	8.42	43.5
28785	Core	<0.005	0.13	>10	8.1	525	4.18	0.43	1.23	0.07	88.45	14.5	93	8.05	50.2
28786	Core	<0.005	0.15	>10	4.2	552	4.05	0.35	0.86	0.06	112.46	10.7	95	7.95	49.1
28787	Core	<0.005	0.82	>10	7.6	564	3.72	0.27	0.75	0.06	103.29	13.0	111	8.35	49.2
28788	Core	0.016	0.88	>10	33.9	455	3.47	0.71	1.83	0.10	19.36	40.0	142	7.66	47.5
28789	Core	0.009	0.42	>10	27.5	552	3.85	0.45	1.99	0.18	38.32	24.3	104	8.87	47.2
28790	Core	0.008	0.33	>10	14.7	529	3.86	0.46	0.95	0.10	46.32	21.2	101	8.21	54.9
28791	Core	<0.005	0.29	>10	21.6	527	4.31	0.41	0.37	0.10	86.68	21.7	117	10.03	59.2
28792	Core	<0.005	0.23	>10	12.6	488	3.62	0.40	0.38	0.06	84.55	19.8	101	7.24	54.1
28793	Core	<0.005	0.21	>10	13.4	471	3.73	0.43	0.64	0.07	72.24	21.0	100	7.65	53.3

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28794	Core	0.005	0.26	>10	14.2	496	4.19	0.43	0.41	0.06	93.75	22.1	106	8.10	55.9
28795	Core	0.005	0.20	>10	13.1	478	3.37	0.40	2.14	0.10	82.21	18.5	118	7.42	64.9
28796	Core	0.014	0.18	>10	14.3	471	3.38	0.31	9.76	0.09	38.98	18.9	80	7.14	40.5
28797	Core	0.007	0.20	>10	16.9	599	3.75	0.43	4.10	0.08	60.32	22.1	91	8.51	50.5
28798	Core	0.005	0.22	>10	10.8	589	3.89	0.36	0.32	0.03	94.86	18.5	94	8.44	53.8
28799	Core	<0.005	0.20	>10	9.6	560	3.69	0.39	0.40	0.05	86.19	19.7	101	8.05	54.8
28800	Core	<0.005	0.21	>10	8.7	568	3.71	0.39	0.35	0.06	89.74	19.0	89	7.71	50.0

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28754	Core	4.97	26.92	1.69	3.7	0.07	2.49	8.1	89.2	1.27	386	0.71	0.32	1.7	48.2
28755	Core	5.13	27.30	1.80	4.6	0.06	2.88	20.4	102.3	1.36	389	0.51	0.30	2.5	47.2
28756	Core	4.97	28.25	1.80	4.4	0.06	2.67	20.5	101.9	1.34	351	0.49	0.30	2.6	47.6
28757	Core	4.81	31.63	2.01	3.6	0.07	3.23	9.5	104.7	1.22	434	0.63	0.32	2.2	48.5
28758	Core	4.69	30.69	1.85	4.0	0.07	3.21	13.9	81.6	1.21	477	0.63	0.29	2.5	48.0
28759	Core	4.63	32.53	1.78	3.9	0.07	3.32	10.8	72.0	1.08	400	0.59	0.29	2.6	44.7
28760	Core	3.42	7.49	1.33	1.3	0.01	0.36	13.4	305.7	0.99	899	0.51	0.05	0.4	15.9
28761	Core	5.55	31.67	1.87	5.3	0.07	2.27	58.6	147.9	1.47	472	0.26	0.94	2.5	50.3
28762	Core	4.94	33.31	1.80	5.2	0.08	2.46	59.0	139.0	1.33	367	0.26	1.07	3.8	51.6
28763	Core	5.33	31.28	1.82	5.5	0.07	2.39	60.4	146.7	1.43	370	0.29	0.95	3.5	49.3
28764	Core	5.66	30.76	1.87	5.8	0.08	2.44	60.0	151.7	1.51	493	0.36	0.92	3.3	52.6
28765	Core	5.80	30.13	1.81	14.7	0.07	2.24	62.6	141.8	1.46	423	0.39	0.84	6.3	52.2
28766	Core	5.57	31.39	1.79	6.4	0.08	2.37	48.4	146.5	1.37	524	0.41	0.82	4.1	53.5
28767	Core	5.55	32.45	2.06	5.7	0.08	2.57	56.2	136.0	1.44	379	0.42	0.90	3.3	53.6
28768	Core	5.48	31.15	1.98	5.6	0.08	2.57	56.9	137.1	1.46	461	0.38	0.84	3.2	51.4
28769	Core	5.51	26.90	1.56	5.1	0.07	2.36	46.6	116.9	1.55	1197	0.39	0.61	2.9	48.6
28770	Core	5.84	33.45	1.96	6.0	0.08	2.81	69.2	132.0	1.55	530	0.31	0.76	3.8	54.4
28771	Core	4.91	25.27	1.72	4.2	0.07	2.04	36.8	100.0	1.28	1230	0.44	0.54	2.5	42.3
28772	Core	5.26	29.66	1.83	4.6	0.09	2.29	55.9	116.0	1.32	1098	0.38	0.71	3.2	46.1
28773	Core	5.54	31.98	1.96	5.1	0.08	2.59	61.8	138.2	1.47	370	0.31	0.91	3.0	54.5
28774	Reject	5.55	31.61	1.92	5.1	0.07	2.53	53.8	135.2	1.48	536	0.24	0.86	2.8	52.6
28775	Reject	5.75	30.90	1.85	5.6	0.08	2.41	61.6	129.6	1.48	565	0.22	0.82	4.0	55.0
28776	Core	0.46	0.41	<0.05	<0.1	<0.01	0.04	0.8	1.5	>10	214	0.08	<0.01	0.2	<0.2
28777	Core	6.21	29.02	1.74	5.0	0.08	2.32	49.3	138.0	1.59	1204	0.30	0.78	4.0	53.5
28778	Core	5.89	30.39	1.84	5.4	0.08	2.49	55.4	129.1	1.60	969	0.40	0.81	4.2	50.8
28779	Core	5.51	31.71	1.68	5.6	0.08	2.62	62.3	130.2	1.40	384	0.29	0.82	4.5	53.3
28780	Core	5.52	30.77	1.92	5.1	0.07	2.64	55.9	113.6	1.54	1151	0.41	0.62	3.3	52.3
28781	Core	4.52	28.71	0.12	4.4	0.07	2.61	42.1	95.1	1.38	1233	0.39	0.58	2.1	45.1
28782	Core	4.88	32.26	1.72	4.0	0.09	3.01	44.0	103.6	1.49	723	0.16	0.71	2.1	48.4
28783	Core	4.79	27.77	1.65	4.0	0.07	2.57	20.3	84.1	1.16	824	1.36	0.65	2.5	54.1
28784	Core	4.57	30.98	1.74	4.0	0.08	2.83	32.3	90.9	1.36	879	0.41	0.75	2.9	46.2
28785	Core	4.50	31.11	1.80	3.5	0.07	2.77	47.1	92.3	1.38	680	0.13	0.75	2.7	46.8
28786	Core	4.62	32.63	1.81	4.2	0.08	2.95	59.4	104.8	1.41	571	0.14	0.72	3.5	50.4
28787	Core	4.74	31.90	1.85	4.0	0.07	2.96	53.7	95.4	1.33	420	0.17	0.63	3.0	53.5
28788	Core	4.81	24.85	1.39	3.8	0.06	2.49	9.8	76.1	1.05	794	1.50	0.57	1.9	55.1
28789	Core	5.29	30.68	1.44	4.0	0.07	3.05	20.5	78.7	1.22	1168	0.40	0.75	2.0	50.6
28790	Core	5.11	29.95	1.71	4.8	0.08	2.81	23.3	99.7	1.24	847	0.37	0.75	2.4	52.4
28791	Core	5.44	35.50	1.95	4.9	0.07	2.94	44.0	180.6	1.37	558	0.48	0.76	4.1	56.7
28792	Core	5.55	31.81	1.68	5.0	0.08	2.47	42.0	116.8	1.37	599	0.32	0.80	3.5	54.6
28793	Core	5.72	31.10	1.66	4.8	0.07	2.47	37.8	124.7	1.45	848	0.41	0.78	3.5	54.7

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11-360-07346-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28794	Core	5.41	33.35	1.87	4.9	0.08	2.53	48.7	141.9	1.38	507	0.52	0.89	3.3	54.6
28795	Core	4.86	29.97	1.67	4.3	0.08	2.57	44.4	117.7	1.33	826	0.42	0.79	2.6	49.7
28796	Core	4.16	26.52	1.15	3.5	0.06	1.97	21.1	97.1	1.16	1449	0.47	0.74	1.6	40.5
28797	Core	4.89	31.15	1.45	3.2	0.08	2.62	32.5	111.3	1.28	1190	0.37	0.76	1.8	49.6
28798	Core	5.27	33.03	1.61	4.7	0.07	2.87	50.1	124.6	1.37	548	0.38	0.90	2.7	53.8
28799	Core	5.35	32.91	1.61	4.5	0.08	2.70	47.5	126.0	1.33	583	0.28	0.87	3.0	52.5
28800	Core	5.40	31.36	1.69	4.8	0.07	2.67	46.3	125.3	1.33	631	0.36	0.82	3.4	53.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28754	Core	441	49.3	142.5	<0.002	1.051	3.62	16.7	<1.0	2.5	156.5	0.16	<0.05	17.7	0.063
28755	Core	264	24.8	176.8	<0.002	0.659	2.34	17.3	<1.0	2.4	122.1	0.23	<0.05	19.4	0.094
28756	Core	239	20.7	161.7	0.002	0.592	2.18	16.5	<1.0	2.4	125.0	0.22	<0.05	18.8	0.093
28757	Core	345	19.8	217.5	<0.002	1.055	2.70	19.1	<1.0	2.8	158.6	0.19	<0.05	15.9	0.091
28758	Core	194	35.1	213.2	0.003	1.315	3.27	20.2	<1.0	2.8	145.4	0.24	<0.05	18.7	0.098
28759	Core	189	30.1	227.1	0.003	1.527	4.92	20.7	<1.0	3.0	128.1	0.33	<0.05	17.6	0.105
28760	Core	77	7.3	23.3	0.003	0.140	0.72	3.1	<1.0	0.7	167.5	<0.05	<0.05	9.2	0.014
28761	Core	690	25.2	148.9	<0.002	<0.01	0.71	19.8	<1.0	2.4	200.9	0.23	<0.05	27.0	0.082
28762	Core	452	32.7	158.1	<0.002	<0.01	0.50	20.0	<1.0	2.6	233.1	0.35	<0.05	26.8	0.122
28763	Core	643	21.1	152.2	<0.002	<0.01	0.64	19.7	<1.0	2.3	209.9	0.33	<0.05	28.9	0.117
28764	Core	590	27.1	155.4	0.002	0.031	0.97	20.4	<1.0	2.5	200.3	0.35	<0.05	29.5	0.111
28765	Core	603	27.6	150.5	0.002	0.040	1.12	20.1	<1.0	2.5	197.0	0.83	0.07	30.9	0.105
28766	Core	559	26.3	110.6	<0.002	0.062	0.95	18.1	<1.0	2.1	190.5	0.51	<0.05	24.5	0.114
28767	Core	771	22.8	162.1	0.002	0.077	0.89	19.7	<1.0	2.5	201.0	0.36	<0.05	26.6	0.096
28768	Core	753	27.1	167.5	0.002	0.042	0.79	20.4	<1.0	2.5	194.8	0.36	<0.05	27.3	0.100
28769	Core	691	27.6	141.2	0.003	0.023	0.65	17.7	<1.0	2.2	159.2	0.32	<0.05	23.7	0.092
28770	Core	806	21.5	179.8	0.003	0.101	0.91	21.1	<1.0	2.6	182.1	0.43	<0.05	29.5	0.117
28771	Core	432	26.2	136.5	<0.002	<0.01	0.55	16.7	<1.0	2.1	153.3	0.27	0.06	20.8	0.079
28772	Core	626	36.8	162.3	0.002	<0.01	0.39	19.2	<1.0	2.3	193.6	0.32	<0.05	24.8	0.108
28773	Core	809	43.9	161.3	0.002	0.051	0.68	20.1	<1.0	2.5	199.0	0.33	0.12	27.8	0.102
28774	Reject	675	24.0	158.2	0.002	0.086	0.87	21.3	<1.0	2.4	194.0	0.28	0.06	24.8	0.096
28775	Reject	702	22.7	152.8	0.004	0.081	0.76	20.1	<1.0	2.3	196.2	0.39	<0.05	28.5	0.121
28776	Core	175	3.6	4.1	<0.002	<0.01	<0.05	<0.1	<1.0	0.3	44.8	<0.05	<0.05	<0.2	<0.005
28777	Core	706	47.4	137.4	0.003	0.220	1.09	19.1	<1.0	2.4	187.3	0.36	<0.05	23.4	0.114
28778	Core	627	42.8	159.1	0.004	0.252	1.91	21.0	<1.0	2.5	201.4	0.37	0.24	25.9	0.143
28779	Core	662	25.5	155.2	0.004	0.090	0.72	19.9	<1.0	2.4	186.6	0.44	0.05	29.2	0.137
28780	Core	683	17.9	170.5	0.003	0.031	0.55	18.4	<1.0	2.4	181.5	0.35	<0.05	26.6	0.102
28781	Core	449	8.6	153.3	<0.002	<0.01	0.24	16.7	<1.0	2.2	166.1	0.14	<0.05	19.7	0.074
28782	Core	362	12.3	199.0	0.002	0.029	0.29	20.2	<1.0	2.5	173.2	0.26	<0.05	20.6	0.081
28783	Core	205	59.7	176.8	0.004	1.148	4.48	18.9	<1.0	2.4	204.6	0.22	0.08	15.4	0.083
28784	Core	252	22.0	190.1	0.003	0.507	1.68	20.8	<1.0	2.5	204.3	0.27	0.10	18.0	0.102
28785	Core	342	14.9	175.4	0.003	0.065	0.34	19.5	<1.0	2.4	195.1	0.24	<0.05	19.6	0.098
28786	Core	359	12.6	200.4	<0.002	0.021	0.32	20.6	<1.0	2.6	187.1	0.30	<0.05	23.9	0.114
28787	Core	418	11.0	192.4	<0.002	0.043	0.42	18.9	<1.0	2.6	159.0	0.28	<0.05	21.7	0.104
28788	Core	209	54.0	163.1	0.005	1.606	4.96	17.6	<1.0	2.1	156.9	0.29	0.30	13.1	0.062
28789	Core	467	25.3	200.4	<0.002	2.029	2.64	19.4	<1.0	2.3	190.6	0.40	<0.05	16.5	0.069
28790	Core	591	29.7	187.4	0.003	0.876	1.54	19.2	<1.0	2.0	177.2	0.41	<0.05	18.7	0.077
28791	Core	539	15.3	189.1	<0.002	0.208	0.67	20.1	<1.0	2.6	182.4	0.43	0.06	23.0	0.137
28792	Core	698	24.2	138.1	<0.002	0.101	0.84	19.4	<1.0	2.2	197.0	0.32	<0.05	22.9	0.114
28793	Core	714	19.5	160.0	<0.002	0.089	0.78	19.3	<1.0	2.1	202.3	0.30	0.06	22.0	0.110

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28794	Core	563	28.6	168.3	0.003	0.116	0.94	20.4	<1.0	2.3	215.6	0.32	0.07	24.2	0.095
28795	Core	534	28.1	160.6	<0.002	0.097	0.74	18.4	<1.0	2.1	230.5	0.27	<0.05	21.6	0.089
28796	Core	494	20.2	128.1	<0.002	0.326	2.47	16.1	<1.0	2.0	286.3	0.16	<0.05	15.3	0.053
28797	Core	614	40.5	180.2	0.003	0.284	2.08	20.7	<1.0	1.8	234.3	0.24	<0.05	16.3	0.065
28798	Core	555	18.8	190.5	0.003	0.098	0.80	20.6	<1.0	1.6	201.8	0.39	<0.05	24.2	0.091
28799	Core	562	23.0	174.8	<0.002	0.081	0.61	19.3	<1.0	2.1	195.7	0.42	<0.05	23.0	0.098
28800	Core	602	23.0	154.9	<0.002	0.076	0.55	18.9	<1.0	2.2	189.3	0.36	<0.05	22.8	0.115

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11-360-07346-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28754	Core	0.87	2.8	106	1.3	5.6	122	75.0
28755	Core	0.79	3.3	115	1.1	6.1	110	92.4
28756	Core	0.79	3.2	115	0.9	6.1	111	93.3
28757	Core	0.93	2.8	129	0.7	5.2	114	77.5
28758	Core	1.01	3.0	124	1.0	4.7	112	74.8
28759	Core	1.03	3.0	143	0.7	4.8	106	78.5
28760	Core	0.10	0.8	54	0.4	3.8	82	25.5
28761	Core	0.68	3.4	115	0.4	9.2	126	109.9
28762	Core	0.75	3.4	117	0.5	8.9	112	104.1
28763	Core	0.70	3.8	117	0.7	9.5	127	109.3
28764	Core	0.74	3.8	114	0.6	9.6	137	115.7
28765	Core	0.65	3.7	100	0.7	9.1	133	112.7
28766	Core	0.71	3.9	104	0.8	8.1	135	119.7
28767	Core	0.75	4.0	109	0.6	9.0	135	109.6
28768	Core	0.76	3.6	112	0.6	9.5	134	111.2
28769	Core	0.68	3.3	97	0.7	9.8	119	100.6
28770	Core	0.84	4.3	117	0.6	9.8	134	120.2
28771	Core	0.61	2.9	87	0.4	8.4	112	86.1
28772	Core	0.72	3.1	105	0.4	8.8	151	93.9
28773	Core	0.74	3.9	109	0.4	9.1	138	102.3
28774	Reject	0.70	3.9	107	0.5	9.1	134	104.2
28775	Reject	0.72	4.0	108	0.5	9.2	134	106.3
28776	Core	<0.02	0.5	30	0.2	0.8	19	<0.5
28777	Core	0.66	3.9	100	0.5	9.0	141	100.8
28778	Core	0.76	4.2	115	0.5	9.3	130	110.5
28779	Core	0.75	4.3	110	0.5	8.9	134	105.3
28780	Core	0.74	3.7	111	1.5	9.0	118	96.1
28781	Core	0.85	3.5	95	0.3	6.7	89	91.0
28782	Core	0.92	2.9	104	0.4	7.0	119	81.4
28783	Core	0.82	3.2	101	0.4	7.1	115	82.5
28784	Core	0.87	3.0	108	0.4	6.7	121	76.1
28785	Core	0.82	2.5	106	0.4	6.8	134	73.0
28786	Core	0.87	2.9	111	0.5	7.6	128	83.3
28787	Core	0.86	2.8	107	0.4	7.1	143	81.6
28788	Core	0.67	3.1	93	0.4	6.1	111	70.6
28789	Core	0.66	3.5	101	0.5	6.4	135	73.0
28790	Core	0.68	3.9	103	0.4	7.2	125	90.0
28791	Core	0.72	4.1	116	0.8	8.7	130	97.8
28792	Core	0.68	4.1	107	0.6	7.8	127	97.2
28793	Core	0.64	4.1	111	0.5	8.3	133	95.7

3Ace Property, Northern Tiger Resources Inc.
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Buchanan et al., 2011

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07346-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28794	Core	0.71	4.3	118	0.6	8.2	132	100.2
28795	Core	0.64	3.6	105	0.4	8.4	126	85.0
28796	Core	0.68	3.2	94	0.3	8.0	104	64.3
28797	Core	0.52	3.3	109	0.3	7.4	123	70.9
28798	Core	0.80	4.0	113	0.5	7.1	135	87.5
28799	Core	0.76	4.0	106	0.6	7.0	135	82.7
28800	Core	0.68	3.9	110	0.5	7.6	131	96.3

3Ace Property, Northern Tiger Resources Inc.
Vol 8-301
Buchanan et al., 2011

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Canada

Certificate of Analysis

11-360-07346-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28754	Core		0.17	>10	16.4	616	3.57	0.35	0.65	0.12	15.39	20.1	129	6.73	46.2
28754 Dup			0.16	>10	16.2	611	3.16	0.37	0.70	0.09	25.24	20.1	127	6.44	45.7
QCV1110-00113-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.40												1061.9
28772	Core		0.37	>10	6.6	466	3.58	0.29	2.09	0.36	102.76	15.0	121	7.68	60.6
28772 Dup			0.23	>10	6.5	454	3.60	0.30	2.12	0.33	100.42	14.9	117	7.22	59.3
QCV1110-00113-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.79												1010.6
28790	Core		0.33	>10	14.7	529	3.86	0.46	0.95	0.10	46.32	21.2	101	8.21	54.9
28790 Dup			0.27	>10	15.0	519	3.53	0.41	0.97	0.11	50.09	21.4	108	8.03	57.2
QCV1110-00113-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-00113-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.54		8.4	346	2.73	8.15		0.19	82.53	23.0		6.27	>10000
28754	Core	<0.005													
28754 Dup		0.006													
28772	Core	<0.005													
28772 Dup		0.005													
QCV1110-00114-0004-BLK		0.008													
28790	Core	0.008													
28790 Dup		0.009													
QCV1110-00114-0006-BLK		0.006													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28754	Core	4.97	26.92	1.69	3.7	0.07	2.49	8.1	89.2	1.27	386	0.71	0.32	1.7	48.2
28754 Dup		5.28	27.00	1.64	4.2	0.07	2.46	13.1	89.3	1.28	421	0.73	0.30	2.4	48.1
QCV1110-00113-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28772	Core	5.26	29.66	1.83	4.6	0.09	2.29	55.9	116.0	1.32	1098	0.38	0.71	3.2	46.1
28772 Dup		5.34	29.04	1.95	4.7	0.09	2.41	53.8	117.6	1.35	1120	0.41	0.74	2.9	46.0
QCV1110-00113-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28790	Core	5.11	29.95	1.71	4.8	0.08	2.81	23.3	99.7	1.24	847	0.37	0.75	2.4	52.4
28790 Dup		5.18	30.75	1.74	4.3	0.07	2.77	24.1	100.8	1.25	864	0.37	0.74	3.0	52.5
QCV1110-00113-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-00113-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.83		6.2	1.08		39.0	27.0					13.5	46.0

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28754	Core	441	49.3	142.5	<0.002	1.051	3.62	16.7	<1.0	2.5	156.5	0.16	<0.05	17.7	0.063
28754 Dup		452	47.5	139.3	0.002	1.078	3.63	16.3	<1.0	2.6	154.7	0.22	<0.05	19.6	0.083
QCV1110-00113-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28772	Core	626	36.8	162.3	0.002	<0.01	0.39	19.2	<1.0	2.3	193.6	0.32	<0.05	24.8	0.108
28772 Dup		630	34.5	156.5	0.003	<0.01	0.40	19.3	<1.0	2.3	189.1	0.30	0.05	26.9	0.101
QCV1110-00113-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28790	Core	591	29.7	187.4	0.003	0.876	1.54	19.2	<1.0	2.0	177.2	0.41	<0.05	18.7	0.077
28790 Dup		603	28.8	180.4	<0.002	0.880	1.54	19.8	<1.0	2.1	173.4	0.32	<0.05	17.4	0.088
QCV1110-00113-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-00113-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.0	196.7	0.004	1.266	2.62	13.3	12.6	22.0	32.1	1.08	<0.05		

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28754	Core	0.87	2.8	106	1.3	5.6	122	75.0
28754 Dup		0.87	3.2	106	1.4	5.8	123	82.8
QCV1110-00113-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28772	Core	0.72	3.1	105	0.4	8.8	151	93.9
28772 Dup		0.60	3.4	100	0.6	8.6	145	95.0
QCV1110-00113-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28790	Core	0.68	3.9	103	0.4	7.2	125	90.0
28790 Dup		0.65	3.7	106	0.6	7.2	126	88.8
QCV1110-00113-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-00113-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.80	3.0			24.6	184	119.9

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11-360-07348-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 21**
Client Reference: **Core 21**
Description: **3 ACE**

Date Received: 09/28/2011
Date Completed: 10/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	56	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28899	Core	0.020	0.26	7.47	51.9	437	1.89	0.18	0.13	0.08	23.31	11.9	140	5.69	32.6
28900	Core	0.092	0.18	5.41	486.6	318	1.56	0.11	0.11	0.50	24.08	10.7	131	3.42	24.5
28901	Core	0.220	0.36	1.98	3200.5	80	0.45	0.08	0.04	1.90	22.84	4.3	162	1.14	13.1
28902	Core	0.094	0.11	0.82	1668.8	18	0.20	<0.01	0.02	0.63	8.77	1.7	165	0.41	8.6
28903	Core	0.029	0.11	0.98	611.6	20	0.18	0.02	0.03	0.50	12.16	1.8	203	0.44	7.7
28904	Core	0.126	0.16	1.38	817.1	54	0.35	0.05	0.42	0.30	19.41	3.1	157	0.81	14.1
28905	Core	0.271	0.29	>10	925.3	787	3.91	0.32	0.14	0.12	40.19	21.0	177	10.00	65.7
28906	Core	0.603	0.23	1.88	1238.0	77	0.41	0.14	0.05	0.71	21.21	5.8	213	1.60	15.7
28907	Core	0.204	0.16	>10	2.6	240	3.95	<0.01	0.17	0.10	10.10	17.4	117	1.33	53.5
28908	Core	0.217	0.30	>10	118.1	848	4.52	0.51	0.40	0.12	31.55	22.2	177	11.36	52.3
28909	Core	0.183	0.74	2.31	3281.4	93	0.53	0.50	0.04	2.82	25.57	3.3	161	1.78	11.1
28910	Core	0.105	3.07	1.47	1264.3	64	0.37	0.63	0.04	1.76	29.01	4.9	145	1.15	19.8
28911	Core	0.056	0.53	1.60	622.8	50	0.29	0.14	0.04	0.28	30.63	3.0	141	0.96	8.0
28912	Core	0.145	0.35	1.64	849.8	66	0.31	0.39	0.03	1.20	24.75	3.0	149	1.11	10.3
28913	Core	0.084	0.15	1.70	777.7	79	0.38	0.17	0.03	0.45	22.94	4.2	170	1.31	11.2
28914	Core	0.042	0.59	1.26	69.0	37	0.21	0.08	0.06	0.12	20.98	2.1	163	0.78	6.4
28915	Core	0.300	0.22	1.49	420.7	56	0.30	0.21	0.07	0.63	22.07	2.9	127	1.05	14.9
28916	Core	0.011	0.35	1.43	12.3	40	0.33	0.05	0.04	<0.02	26.09	2.2	106	0.68	5.3
28917	Core	<0.005	0.09	1.61	7.9	43	0.22	0.05	0.03	<0.02	25.54	2.5	100	0.70	9.6
28918	Core	0.010	0.06	1.26	19.6	35	0.36	0.03	0.04	<0.02	25.58	2.3	139	0.65	6.5
28919	Core	0.162	0.08	1.79	16.6	73	0.35	0.06	0.04	0.15	18.07	4.6	164	1.02	7.8
28920	Reject	0.009	0.04	1.22	14.5	38	0.21	0.06	0.05	<0.02	24.25	4.6	226	0.71	8.1
28921	Reject	0.010	0.03	1.23	19.0	37	0.36	0.06	0.05	0.03	23.31	3.7	182	0.73	5.1
28922	Core	<0.005	0.09	0.08	4.8	24	0.12	0.02	>10	0.06	1.40	0.9	14	0.23	2.5
28923	Core	0.016	0.05	1.07	13.8	51	0.30	0.06	0.07	<0.02	16.63	3.0	228	0.85	6.1
28924	Core	0.065	0.05	1.49	30.3	42	0.27	0.04	0.05	0.09	26.27	2.5	167	0.95	6.5
28925	Core	0.058	0.19	9.53	51.5	497	2.35	0.28	0.20	0.06	36.87	15.9	140	6.35	34.8
28926	Core	0.029	0.22	>10	55.7	679	2.93	0.30	0.22	0.04	32.45	16.8	135	7.47	39.1
28927	Core	0.407	0.39	>10	206.9	778	3.51	0.31	0.24	0.17	23.45	19.7	184	10.77	50.1
28928	Core	0.156	0.11	0.90	251.9	17	0.15	0.03	0.02	0.07	16.16	9.7	241	0.43	8.9
28929	Core	0.025	0.06	1.24	49.7	20	0.21	0.03	0.05	0.02	17.22	2.3	183	0.52	9.0
28930	Core	0.009	0.04	2.19	88.4	76	0.56	0.04	0.05	0.03	21.87	3.1	181	0.93	10.9
28931	Core	0.008	0.04	1.46	16.6	22	0.20	0.03	0.04	<0.02	15.26	4.4	215	0.33	22.1
28932	Core	0.009	0.08	3.66	36.9	175	0.86	0.10	0.08	0.02	27.21	6.9	172	2.16	19.2
28933	Core	0.028	0.13	3.23	29.3	134	0.84	0.07	0.08	0.03	20.99	5.2	160	1.91	13.5
28934	Core	0.007	0.06	2.53	13.1	110	0.44	0.07	0.06	<0.02	24.64	4.9	167	1.67	12.7
28935	Core	0.010	0.09	4.01	14.6	208	0.85	0.10	0.13	<0.02	23.87	6.6	161	2.64	15.6
28936	Core	0.012	0.13	6.94	20.3	336	1.27	0.14	0.46	0.02	25.34	10.5	122	4.31	22.5
28937	Core	0.009	0.24	9.97	26.4	530	1.96	0.22	0.19	0.06	27.58	15.4	107	6.09	36.6
28938	Core	0.014	0.23	9.42	32.5	550	2.17	0.22	0.13	0.06	21.27	13.4	106	5.88	35.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28939	Core	0.039	0.09	2.13	442.2	99	0.61	0.06	0.04	0.86	17.43	8.6	160	1.21	24.2
28940	Core	0.009	0.14	>10	133.7	770	2.53	0.29	0.09	0.18	77.48	8.2	154	7.43	28.3
28941	Core	0.007	0.13	>10	40.0	773	2.90	0.26	0.05	0.13	99.93	8.4	120	8.05	26.6
28942	Core	0.027	0.38	>10	150.3	809	3.59	0.17	0.05	0.23	86.75	6.9	120	8.42	50.7
28943	Core	0.027	0.45	>10	73.1	807	3.22	0.34	0.08	0.10	80.52	7.0	115	8.03	45.2
28944	Core	<0.005	0.16	>10	15.9	731	2.89	0.43	0.09	0.10	86.96	14.0	106	7.28	41.1
28945	Core	<0.005	0.22	>10	11.5	785	3.31	0.41	0.19	0.09	73.18	16.4	144	7.95	49.5
28946	Core	<0.005	0.11	>10	13.2	782	2.89	0.49	0.12	0.13	74.51	14.9	116	7.56	51.5
28947	Core	<0.005	0.12	>10	14.8	662	3.21	0.50	0.08	0.13	76.67	16.3	107	6.94	42.2
28948	Core	<0.005	0.63	>10	26.3	619	2.89	0.38	0.08	0.32	81.78	17.2	109	6.49	51.6
28949	Core	<0.005	0.24	>10	18.9	626	2.77	0.43	0.08	0.28	83.68	17.5	109	6.41	46.9
28950	Core	0.024	0.45	5.94	187.2	313	1.31	0.16	0.04	0.29	42.71	6.9	157	3.26	23.4
28951	Core	0.064	0.19	2.43	261.0	96	0.47	0.04	0.03	1.36	25.74	3.8	149	1.89	7.0
28952	Core	0.120	0.35	2.68	88.4	125	0.51	0.17	0.02	0.22	32.34	0.6	165	2.34	4.6
28953	Core	0.063	0.30	2.36	64.7	119	0.39	0.09	0.02	0.24	24.85	0.6	169	1.86	3.5
28954	Core	0.045	0.12	2.93	195.8	141	0.53	0.04	0.02	0.74	29.53	1.3	178	2.41	4.5
28955	Core	0.011	0.06	1.09	70.9	49	0.18	0.01	0.01	0.34	10.88	1.9	195	0.84	8.0
28956	Core	0.016	0.08	5.76	276.9	306	1.08	0.07	0.04	0.90	44.56	3.9	163	3.27	12.1

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11-360-07348-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28899	Core	2.95	17.17	1.23	3.1	0.04	2.18	11.7	27.0	0.41	453	0.83	0.13	2.2	26.7
28900	Core	1.98	12.61	1.23	2.9	0.03	1.60	11.1	18.8	0.26	323	0.92	0.08	1.7	18.9
28901	Core	1.00	4.43	1.21	1.5	0.04	0.41	9.8	10.4	0.06	126	0.59	0.02	0.7	8.3
28902	Core	0.59	1.47	1.15	0.5	<0.01	0.11	3.8	4.2	0.02	98	0.40	<0.01	0.3	3.4
28903	Core	0.53	1.62	0.82	0.9	0.01	0.13	6.7	10.6	0.03	106	0.93	<0.01	0.4	5.0
28904	Core	1.06	3.09	0.29	1.0	0.02	0.26	8.3	23.1	0.16	326	0.57	0.02	0.5	7.0
28905	Core	4.57	31.40	1.64	4.2	0.08	3.75	20.1	30.9	0.82	410	0.89	0.19	3.1	48.9
28906	Core	2.57	4.82	1.33	1.0	0.01	0.39	9.9	23.7	0.22	328	1.08	0.03	0.8	14.3
28907	Core	1.78	9.57	0.69	3.6	0.04	4.16	4.8	36.4	0.51	238	<0.05	0.20	0.2	43.2
28908	Core	4.72	31.32	1.30	4.1	0.08	4.40	16.3	30.8	0.85	392	1.33	0.31	2.6	49.8
28909	Core	1.24	5.09	1.05	1.5	0.06	0.61	11.0	7.1	0.12	157	0.61	0.03	0.8	7.5
28910	Core	0.98	3.44	0.71	1.7	0.05	0.30	12.1	5.4	0.07	48	1.09	0.03	0.9	8.3
28911	Core	0.56	3.36	0.67	2.1	<0.01	0.30	12.6	5.8	0.04	70	0.62	0.02	1.1	5.5
28912	Core	0.73	3.51	0.77	1.5	0.03	0.51	10.2	3.9	0.06	43	0.47	0.03	0.8	5.7
28913	Core	0.73	4.10	0.91	1.6	<0.01	0.51	9.7	3.6	0.06	65	0.62	0.03	0.9	7.3
28914	Core	0.54	2.31	0.74	11.4	<0.01	0.23	9.0	4.2	0.03	72	0.93	0.02	2.8	4.5
28915	Core	0.61	3.21	0.68	2.8	0.01	0.40	9.0	3.3	0.05	69	0.48	0.02	1.5	5.1
28916	Core	0.65	2.78	0.49	1.7	<0.01	0.23	10.9	6.5	0.06	145	0.41	0.02	1.0	4.3
28917	Core	0.70	2.94	0.11	1.7	<0.01	0.24	10.7	6.4	0.06	164	0.40	0.02	0.9	4.7
28918	Core	0.66	2.56	0.39	1.4	<0.01	0.17	10.8	6.0	0.06	149	0.40	0.02	0.7	4.6
28919	Core	0.89	3.87	0.64	1.7	0.01	0.39	7.7	5.8	0.09	131	0.56	0.03	0.9	7.0
28920	Reject	1.05	2.79	0.44	1.3	<0.01	0.18	10.0	6.2	0.10	179	0.87	0.02	0.8	7.1
28921	Reject	1.07	2.57	0.40	1.4	<0.01	0.19	9.5	5.2	0.11	172	0.73	0.02	0.8	7.4
28922	Core	0.49	0.36	<0.05	0.5	<0.01	0.03	0.8	1.1	>10	237	0.14	<0.01	0.9	<0.2
28923	Core	0.72	2.80	0.91	0.8	<0.01	0.27	7.1	5.5	0.06	110	0.86	0.02	0.6	7.3
28924	Core	1.07	2.98	0.61	1.5	<0.01	0.26	10.5	9.4	0.10	287	0.56	0.02	0.7	6.4
28925	Core	4.75	19.96	1.10	4.0	0.05	2.58	20.0	40.6	0.78	444	0.53	0.17	2.4	35.0
28926	Core	5.21	23.93	1.40	4.1	0.06	3.56	17.5	35.2	0.85	390	0.68	0.22	2.6	39.3
28927	Core	5.51	27.73	1.48	3.7	0.08	4.09	12.2	29.3	0.80	582	0.72	0.24	2.5	44.7
28928	Core	0.85	1.54	1.04	0.9	<0.01	0.07	7.0	5.2	0.03	84	0.57	<0.01	0.5	8.4
28929	Core	0.39	1.85	0.98	1.2	<0.01	0.08	7.4	6.2	0.02	65	0.46	0.01	0.5	4.8
28930	Core	0.77	4.41	0.96	1.7	<0.01	0.38	9.5	8.8	0.07	214	0.43	0.02	0.8	5.8
28931	Core	0.50	2.00	0.77	1.1	<0.01	0.07	6.5	7.2	0.02	110	0.43	<0.01	0.6	5.5
28932	Core	1.37	8.34	0.73	2.6	0.01	0.91	12.4	12.5	0.18	267	0.51	0.05	1.5	10.6
28933	Core	1.64	6.54	0.84	2.1	<0.01	0.69	9.5	8.5	0.19	365	0.45	0.04	1.2	11.4
28934	Core	1.29	5.47	0.68	1.9	<0.01	0.55	10.6	9.6	0.17	282	0.50	0.04	1.3	8.7
28935	Core	1.89	8.37	0.82	2.2	0.02	1.01	11.3	14.2	0.31	283	0.40	0.08	1.3	14.6
28936	Core	3.14	15.15	1.04	3.3	0.03	1.61	12.5	25.3	0.60	642	0.39	0.14	1.7	24.2
28937	Core	4.80	20.24	1.21	4.5	0.04	2.45	15.0	41.1	0.68	618	0.37	0.22	2.2	33.8
28938	Core	3.90	19.72	1.15	3.5	0.05	2.50	10.9	41.7	0.58	457	0.41	0.22	2.1	31.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28939	Core	1.90	4.18	0.91	1.0	<0.01	0.57	8.3	18.8	0.23	451	0.43	0.05	0.9	13.1
28940	Core	4.98	26.59	1.52	4.6	0.06	3.17	41.0	78.6	1.23	413	0.51	0.30	3.1	42.4
28941	Core	5.51	27.62	1.46	4.3	0.07	3.28	50.3	89.9	1.45	455	0.46	0.32	3.5	45.8
28942	Core	4.42	27.56	1.39	4.3	0.06	3.47	45.5	73.4	1.12	481	0.43	0.33	4.0	37.1
28943	Core	4.86	26.77	1.38	4.2	0.06	3.47	43.8	76.3	1.18	424	0.44	0.35	3.9	38.1
28944	Core	5.06	25.22	1.55	4.4	0.06	3.10	44.8	85.4	1.24	375	0.43	0.32	3.9	48.6
28945	Core	5.40	26.48	1.50	5.0	0.06	3.30	39.8	88.6	1.28	452	0.50	0.36	4.3	48.5
28946	Core	5.04	25.79	1.26	5.3	0.06	3.50	39.7	75.8	1.18	393	0.35	0.36	3.4	44.9
28947	Core	5.11	23.73	1.36	5.2	0.07	3.18	42.3	86.2	1.21	368	0.34	0.33	3.0	43.2
28948	Core	5.14	24.07	1.42	10.6	0.06	3.08	43.5	79.4	1.03	421	0.42	0.31	6.0	45.4
28949	Core	5.40	23.22	1.29	5.1	0.07	2.72	43.1	67.2	0.76	524	0.39	0.26	3.8	46.2
28950	Core	2.39	11.42	1.01	2.7	0.02	1.68	22.0	29.7	0.36	226	0.40	0.14	2.4	20.2
28951	Core	0.91	4.19	0.74	1.5	<0.01	0.72	11.4	5.7	0.07	38	0.37	0.10	0.6	4.6
28952	Core	0.35	5.29	0.94	1.9	0.01	1.03	14.6	2.7	0.09	21	0.36	0.05	0.8	2.2
28953	Core	0.34	4.65	0.80	1.7	0.03	0.89	11.5	16.5	0.07	23	0.29	0.05	0.8	2.7
28954	Core	0.63	5.92	0.78	1.9	0.01	1.09	13.2	16.7	0.08	39	0.36	0.06	1.0	3.8
28955	Core	0.44	2.30	0.73	0.6	<0.01	0.37	5.0	4.0	0.03	35	0.31	0.02	0.3	4.1
28956	Core	1.44	12.91	0.51	4.6	0.02	1.71	20.4	14.4	0.11	99	0.41	0.12	1.7	8.4

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11-360-07348-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28899	Core	195	22.5	139.4	<0.002	0.411	1.67	10.3	1.6	1.9	51.2	0.38	<0.05	18.1	0.052
28900	Core	238	44.7	97.5	0.003	0.517	1.79	7.3	1.5	2.0	32.3	0.27	<0.05	14.5	0.047
28901	Core	52	165.1	25.8	<0.002	0.490	3.62	1.9	1.3	3.4	7.7	0.11	<0.05	9.0	0.019
28902	Core	<10	40.4	6.2	<0.002	0.223	1.75	0.5	<1.0	1.2	2.9	<0.05	<0.05	3.5	0.007
28903	Core	22	68.8	7.1	<0.002	0.190	1.04	0.7	1.2	1.5	4.4	0.07	<0.05	5.5	0.010
28904	Core	51	41.8	15.5	<0.002	0.446	1.46	1.8	<1.0	1.1	29.0	0.05	<0.05	6.7	0.012
28905	Core	274	25.8	245.6	<0.002	0.728	3.04	18.1	9.7	3.5	73.8	0.69	<0.05	20.7	0.096
28906	Core	45	60.3	24.4	<0.002	1.383	2.94	2.8	1.9	0.8	13.8	0.10	<0.05	6.8	0.019
28907	Core	<10	7.5	52.2	0.002	1.544	0.80	15.2	<1.0	<0.2	62.3	<0.05	<0.05	8.4	0.018
28908	Core	482	32.7	262.0	0.002	1.902	4.54	21.8	1.1	3.3	125.1	0.64	<0.05	20.3	0.094
28909	Core	47	275.1	35.0	<0.002	0.503	3.28	2.2	<1.0	3.9	13.0	0.12	<0.05	10.4	0.024
28910	Core	107	165.0	19.1	<0.002	0.764	2.35	1.3	1.5	1.9	18.9	0.13	<0.05	10.1	0.022
28911	Core	86	29.3	18.0	<0.002	0.250	1.06	1.3	<1.0	1.4	11.2	0.13	<0.05	11.5	0.026
28912	Core	37	80.6	26.9	<0.002	0.507	1.23	1.2	<1.0	4.4	10.1	0.12	<0.05	9.9	0.021
28913	Core	61	33.8	29.3	<0.002	0.454	1.48	1.7	1.6	2.1	11.5	0.11	<0.05	9.9	0.021
28914	Core	51	10.5	13.7	<0.002	0.293	0.70	1.2	<1.0	1.1	9.9	0.30	<0.05	11.2	0.015
28915	Core	37	19.8	21.3	<0.002	0.356	0.99	1.3	1.1	2.0	12.3	0.20	<0.05	10.2	0.019
28916	Core	81	8.4	13.5	<0.002	0.107	0.40	0.9	1.4	0.5	13.4	0.16	<0.05	8.6	0.018
28917	Core	45	11.7	13.4	0.002	0.058	0.32	1.1	1.2	0.7	13.4	0.13	<0.05	9.1	0.019
28918	Core	47	6.8	11.5	<0.002	0.055	0.36	1.1	1.2	0.5	16.9	0.09	<0.05	8.0	0.016
28919	Core	61	6.0	22.5	<0.002	0.211	0.59	1.6	1.3	0.6	11.4	0.12	<0.05	10.3	0.018
28920	Reject	93	5.0	12.0	0.002	0.176	0.60	1.3	1.3	0.7	9.5	0.09	<0.05	7.7	0.014
28921	Reject	61	6.1	12.1	<0.002	0.205	0.58	1.2	<1.0	0.4	8.2	0.09	<0.05	8.0	0.017
28922	Core	173	3.7	1.3	<0.002	<0.01	0.06	0.3	<1.0	<0.2	40.8	0.76	<0.05	2.3	<0.005
28923	Core	157	6.5	16.1	<0.002	0.209	0.53	0.8	<1.0	0.5	11.1	0.08	<0.05	4.3	0.014
28924	Core	73	10.3	14.9	<0.002	0.177	0.39	1.3	<1.0	0.6	21.3	0.08	<0.05	9.7	0.016
28925	Core	246	18.3	155.4	<0.002	0.707	1.83	13.1	<1.0	2.0	65.4	0.58	<0.05	22.5	0.072
28926	Core	304	22.6	207.1	<0.002	0.792	1.63	16.8	1.3	2.5	77.6	0.77	<0.05	19.4	0.084
28927	Core	492	25.8	238.2	<0.002	1.350	1.89	19.6	1.6	3.2	94.9	0.83	<0.05	17.3	0.081
28928	Core	16	4.5	4.5	<0.002	0.499	0.61	0.5	<1.0	0.4	7.1	0.05	<0.05	4.9	0.011
28929	Core	137	5.0	6.0	<0.002	0.138	0.54	0.6	<1.0	1.0	11.5	0.07	<0.05	6.8	0.011
28930	Core	69	9.4	21.7	<0.002	0.094	0.58	1.8	1.3	1.5	10.9	0.12	<0.05	9.8	0.019
28931	Core	59	6.3	4.2	<0.002	0.168	0.57	0.9	<1.0	2.6	5.0	0.06	<0.05	6.7	0.010
28932	Core	140	11.6	52.5	<0.002	0.218	1.27	4.0	1.2	2.1	19.0	0.18	<0.05	13.5	0.033
28933	Core	99	9.0	41.0	0.002	0.214	0.81	3.3	1.0	1.1	14.3	0.32	<0.05	10.3	0.027
28934	Core	90	13.5	34.7	<0.002	0.112	0.62	2.7	<1.0	1.1	13.2	0.15	<0.05	10.3	0.030
28935	Core	144	13.4	60.4	<0.002	0.213	0.89	4.5	<1.0	1.2	24.6	0.18	<0.05	11.6	0.033
28936	Core	118	15.9	100.1	<0.002	0.275	0.96	8.9	1.2	1.5	66.3	0.29	<0.05	18.4	0.043
28937	Core	163	21.9	153.4	<0.002	0.569	1.85	13.1	<1.0	2.7	67.1	0.53	<0.05	23.7	0.070
28938	Core	247	24.2	154.4	<0.002	0.546	1.26	12.8	<1.0	2.2	97.6	0.42	<0.05	17.9	0.066

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28939	Core	106	20.8	33.3	<0.002	0.151	0.98	2.6	<1.0	1.2	13.7	0.12	<0.05	5.7	0.021
28940	Core	545	44.0	201.2	0.003	<0.01	1.20	18.3	2.4	2.7	91.3	0.79	<0.05	25.2	0.090
28941	Core	372	14.8	212.9	<0.002	<0.01	1.18	20.3	1.8	2.6	93.3	0.87	<0.05	23.2	0.100
28942	Core	392	17.0	220.8	<0.002	0.011	1.71	19.5	1.3	3.5	97.9	0.69	<0.05	24.3	0.104
28943	Core	605	20.3	209.0	<0.002	0.018	2.14	19.9	1.6	2.8	95.6	0.79	<0.05	23.8	0.116
28944	Core	417	22.9	192.2	<0.002	<0.01	1.15	18.7	1.3	2.4	85.2	0.78	0.05	23.4	0.109
28945	Core	626	24.5	204.9	0.004	<0.01	1.17	20.0	<1.0	2.7	95.1	0.91	0.05	25.1	0.116
28946	Core	528	21.2	206.9	0.003	<0.01	1.25	19.4	1.0	2.6	90.8	0.92	<0.05	25.4	0.106
28947	Core	405	23.4	187.3	<0.002	<0.01	1.23	18.0	1.0	2.6	78.0	0.66	0.07	25.4	0.090
28948	Core	419	21.8	175.1	<0.002	<0.01	1.26	18.8	1.2	2.7	74.0	1.49	0.17	28.2	0.084
28949	Core	458	24.2	165.7	<0.002	<0.01	1.18	17.4	1.3	2.3	69.4	1.02	0.07	24.4	0.099
28950	Core	212	10.8	93.3	<0.002	0.016	1.00	7.8	<1.0	2.0	31.3	0.37	<0.05	12.1	0.059
28951	Core	60	24.1	41.4	<0.002	<0.01	1.52	1.4	<1.0	2.0	11.9	0.10	<0.05	7.0	0.019
28952	Core	27	95.8	61.2	<0.002	0.011	1.62	1.7	1.4	6.9	14.0	0.11	<0.05	5.8	0.025
28953	Core	19	50.9	48.3	<0.002	<0.01	1.38	1.6	<1.0	2.9	12.2	0.11	<0.05	5.3	0.022
28954	Core	40	18.0	58.9	<0.002	0.020	1.52	2.5	<1.0	4.4	12.5	0.12	<0.05	7.1	0.027
28955	Core	<10	10.4	20.0	<0.002	<0.01	0.58	0.7	<1.0	1.8	7.5	<0.05	<0.05	2.7	0.009
28956	Core	77	12.0	96.6	<0.002	<0.01	0.80	6.4	<1.0	1.8	28.7	0.31	<0.05	23.7	0.049

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11-360-07348-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28899	Core	0.66	2.6	93	2.4	5.7	65	75.6
28900	Core	0.50	1.9	63	2.8	5.5	74	71.2
28901	Core	0.14	1.1	21	2.5	2.7	140	35.4
28902	Core	<0.02	0.4	6	0.7	1.0	47	15.2
28903	Core	0.03	0.7	8	0.9	1.5	42	23.7
28904	Core	0.07	0.8	17	0.9	2.2	36	24.3
28905	Core	1.22	4.0	170	5.7	6.7	122	91.9
28906	Core	0.15	0.8	29	2.2	2.1	93	24.8
28907	Core	0.85	3.7	41	0.1	2.6	89	74.9
28908	Core	1.36	3.9	178	3.7	5.7	97	91.8
28909	Core	0.20	1.1	24	1.5	2.8	239	43.3
28910	Core	0.10	1.3	17	17.3	3.2	144	41.2
28911	Core	0.09	1.2	16	1.5	3.2	37	50.3
28912	Core	0.14	1.2	16	1.1	2.4	99	41.7
28913	Core	0.15	1.1	17	1.0	2.7	37	38.3
28914	Core	0.06	0.9	12	0.6	2.2	21	31.2
28915	Core	0.12	1.1	15	0.9	2.4	54	37.3
28916	Core	0.05	0.9	13	0.7	2.8	14	37.2
28917	Core	0.06	0.9	16	0.6	2.6	17	34.2
28918	Core	0.04	0.8	13	0.7	2.8	15	36.5
28919	Core	0.12	1.3	20	0.7	2.5	51	35.0
28920	Reject	0.05	1.1	14	0.6	2.2	18	28.9
28921	Reject	0.06	1.1	14	0.7	2.4	20	31.5
28922	Core	<0.02	0.6	240	0.1	0.9	24	2.3
28923	Core	0.07	0.7	14	0.6	1.6	14	25.8
28924	Core	0.08	1.1	16	0.9	2.5	28	30.5
28925	Core	0.88	3.6	131	1.7	6.2	94	85.6
28926	Core	1.12	3.7	158	2.0	6.3	105	86.0
28927	Core	1.21	3.6	167	3.8	6.6	115	80.9
28928	Core	<0.02	0.6	8	1.1	1.7	17	30.4
28929	Core	0.03	0.7	9	0.8	1.9	10	25.4
28930	Core	0.09	1.0	21	1.0	2.9	19	38.0
28931	Core	<0.02	0.7	10	0.8	2.1	9	28.7
28932	Core	0.28	1.7	40	1.6	4.7	31	60.1
28933	Core	0.22	1.2	34	1.2	3.4	29	43.4
28934	Core	0.17	1.2	30	0.7	3.9	26	44.5
28935	Core	0.27	1.8	49	1.0	4.2	44	50.1
28936	Core	0.51	2.3	83	1.7	6.5	69	74.7
28937	Core	0.82	4.3	125	2.6	7.4	112	95.4
28938	Core	0.79	3.3	118	2.4	6.0	86	77.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28939	Core	0.19	0.9	25	0.4	2.7	110	21.8
28940	Core	1.07	4.3	150	0.7	8.0	111	90.0
28941	Core	0.94	4.2	165	0.6	8.1	108	100.2
28942	Core	1.12	4.7	154	1.0	7.6	104	94.7
28943	Core	1.12	4.6	162	1.0	8.3	98	90.9
28944	Core	0.93	4.3	147	0.5	8.7	110	94.4
28945	Core	1.02	4.6	155	0.7	10.3	121	105.4
28946	Core	1.12	4.7	154	0.6	9.8	122	100.8
28947	Core	0.95	4.5	140	0.5	8.7	116	96.1
28948	Core	0.92	4.1	137	0.9	9.5	146	100.1
28949	Core	0.92	4.2	133	1.0	9.8	135	96.8
28950	Core	0.47	1.9	62	1.0	4.8	66	50.3
28951	Core	0.21	1.1	21	1.5	2.6	69	31.6
28952	Core	0.32	0.8	26	1.3	2.6	18	41.2
28953	Core	0.27	0.7	23	1.1	2.3	18	32.6
28954	Core	0.30	1.0	28	1.1	3.2	34	43.7
28955	Core	0.09	0.4	10	0.6	0.9	24	12.8
28956	Core	0.50	2.4	61	1.0	5.7	77	97.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28899	Core		0.26	7.47	51.9	437	1.89	0.18	0.13	0.08	23.31	11.9	140	5.69	32.6
28899 Dup			0.18	7.45	50.1	428	1.83	0.19	0.17	0.06	22.57	11.3	137	5.31	28.6
QCV1109-03059-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.90												986.2
28917	Core		0.09	1.61	7.9	43	0.22	0.05	0.03	<0.02	25.54	2.5	100	0.70	9.6
28917 Dup			0.07	1.66	7.6	48	0.38	0.05	0.03	<0.02	26.48	2.7	110	0.76	8.4
QCV1109-03059-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.63		8.9	413	2.46	8.36		0.23	89.57	23.2		7.22	>10000
28935	Core		0.09	4.01	14.6	208	0.85	0.10	0.13	<0.02	23.87	6.6	161	2.64	15.6
28935 Dup			0.07	3.91	15.6	211	1.15	0.11	0.13	0.02	25.14	6.9	165	2.63	14.7
QCV1109-03059-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.74												935.4
28953	Core		0.30	2.36	64.7	119	0.39	0.09	0.02	0.24	24.85	0.6	169	1.86	3.5
28953 Dup			0.33	2.24	62.9	114	0.40	0.09	0.02	0.25	24.98	0.7	169	1.80	3.9
QCV1109-03059-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.76		9.2	419	2.75	8.31		0.19	88.82	23.7		7.04	>10000
28899	Core	0.020													
28899 Dup		0.022													
28917	Core	<0.005													
28917 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.907													
28935	Core	0.010													
28935 Dup		0.007													
28953	Core	0.063													
28953 Dup		0.061													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.391													
QCV1109-03060-0008-BLK		0.006													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.396													

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11-360-07348-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28899	Core	2.95	17.17	1.23	3.1	0.04	2.18	11.7	27.0	0.41	453	0.83	0.13	2.2	26.7
28899 Dup		2.98	16.20	1.11	3.2	0.04	2.13	11.3	26.6	0.42	457	0.54	0.13	1.8	24.5
QCV1109-03059-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result														4.7	
28917	Core	0.70	2.94	0.11	1.7	<0.01	0.24	10.7	6.4	0.06	164	0.40	0.02	0.9	4.7
28917 Dup		0.72	3.30	0.28	1.8	<0.01	0.24	11.3	7.1	0.06	164	0.43	0.02	0.9	5.1
QCV1109-03059-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.91		5.3	1.16		44.2	24.4			1.01		15.2	43.2
28935	Core	1.89	8.37	0.82	2.2	0.02	1.01	11.3	14.2	0.31	283	0.40	0.08	1.3	14.6
28935 Dup		1.88	8.63	0.75	2.3	0.01	0.98	11.9	15.4	0.31	283	0.53	0.07	1.4	15.2
QCV1109-03059-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result														4.2	
28953	Core	0.34	4.65	0.80	1.7	0.03	0.89	11.5	16.5	0.07	23	0.29	0.05	0.8	2.7
28953 Dup		0.34	4.62	0.95	1.6	0.03	0.83	11.0	15.5	0.07	24	0.26	0.04	0.8	2.7
QCV1109-03059-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.71		5.6	1.13		44.9	26.0			0.90		14.9	43.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28899	Core	195	22.5	139.4	<0.002	0.411	1.67	10.3	1.6	1.9	51.2	0.38	<0.05	18.1	0.052
28899 Dup		215	20.7	126.7	<0.002	0.417	1.59	9.8	1.2	1.7	48.7	0.33	<0.05	17.7	0.055
QCV1109-03059-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28917	Core	45	11.7	13.4	0.002	0.058	0.32	1.1	1.2	0.7	13.4	0.13	<0.05	9.1	0.019
28917 Dup		48	12.6	15.1	<0.002	0.058	0.37	1.4	<1.0	0.6	14.4	0.13	<0.05	9.4	0.020
QCV1109-03059-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.4	198.5	0.003	1.359	2.84	14.0	13.4	22.3	33.4	1.64	0.10		
28935	Core	144	13.4	60.4	<0.002	0.213	0.89	4.5	<1.0	1.2	24.6	0.18	<0.05	11.6	0.033
28935 Dup		146	11.9	62.8	<0.002	0.208	0.86	5.0	<1.0	1.2	26.5	0.17	<0.05	12.4	0.034
QCV1109-03059-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28953	Core	19	50.9	48.3	<0.002	<0.01	1.38	1.6	<1.0	2.9	12.2	0.11	<0.05	5.3	0.022
28953 Dup		16	49.7	50.6	<0.002	<0.01	1.35	1.8	<1.0	3.0	12.2	0.12	<0.05	5.1	0.023
QCV1109-03059-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.8	207.0	0.003	1.409	3.31	14.0	14.1	22.5	33.5	1.66	<0.05		

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28899	Core	0.66	2.6	93	2.4	5.7	65	75.6
28899 Dup		0.70	2.6	94	2.5	5.8	64	70.1
QCV1109-03059-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28917	Core	0.06	0.9	16	0.6	2.6	17	34.2
28917 Dup		0.08	0.9	16	0.6	2.9	16	41.9
QCV1109-03059-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.90	3.2			26.2	182	122.0
28935	Core	0.27	1.8	49	1.0	4.2	44	50.1
28935 Dup		0.31	1.7	49	0.9	4.3	43	51.0
QCV1109-03059-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28953	Core	0.27	0.7	23	1.1	2.3	18	32.6
28953 Dup		0.25	0.7	22	1.3	2.4	18	32.6
QCV1109-03059-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.3			26.6	193	115.5

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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 22**
Client Reference: **Core 22**
Description: **3 ACE**

Date Received: 10/03/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	44	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28801	Core	<0.005	0.19	>10	9.1	623	3.33	0.39	0.42	0.07	56.65	18.8	97	8.04	57.7
28802	Core	<0.005	0.17	>10	8.9	639	3.98	0.41	0.43	0.07	87.73	19.4	111	8.20	66.7
28803	Core	<0.005	0.17	>10	9.3	661	3.72	0.41	0.38	0.05	89.73	19.4	104	8.28	60.1
28804	Core	<0.005	0.15	>10	12.7	660	4.04	0.42	0.39	0.06	97.82	19.5	111	8.10	61.9
28805	Core	<0.005	0.20	>10	15.4	693	4.00	0.43	0.21	0.04	72.32	19.6	106	8.61	61.4
28806	Core	<0.005	0.18	>10	16.6	715	4.46	0.51	0.21	0.04	92.59	21.3	111	9.01	63.7
28807	Core	0.006	0.18	>10	14.7	711	4.04	0.44	0.20	0.07	93.69	18.4	116	8.94	63.9
28808	Core	<0.005	0.15	>10	14.2	735	4.08	0.43	0.18	0.06	91.55	20.5	108	9.12	64.1
28809	Core	<0.005	0.19	>10	15.6	707	4.26	0.42	0.23	0.06	82.68	18.7	135	8.72	60.5
28810	Reject	<0.005	0.23	>10	10.6	706	3.13	0.38	1.26	0.05	83.15	17.8	139	8.56	60.6
28811	Pulp	7.846	0.63	3.28	928.8	171	0.91	0.61	>10	4.37	31.85	6.1	101	7.06	38.5
28812	Reject	0.006	0.20	>10	11.6	726	3.55	0.31	1.33	0.07	98.69	18.9	129	8.36	72.3
28813	Core	<0.005	0.22	>10	12.7	756	3.57	0.43	0.46	0.06	88.57	18.8	107	8.28	58.3
28814	Core	<0.005	0.15	>10	8.6	795	3.46	0.40	0.27	0.10	89.41	16.3	106	8.51	55.8
28815	Core	<0.005	0.18	>10	10.5	808	3.63	0.46	0.27	0.06	65.74	19.1	98	8.62	55.6
28816	Core	<0.005	0.21	>10	10.7	739	3.67	0.38	0.62	0.06	80.55	18.9	108	8.27	57.5
28817	Core	<0.005	0.20	>10	11.1	745	3.28	0.37	0.45	0.08	82.51	20.2	110	9.75	60.2
28818	Core	<0.005	0.60	>10	12.4	627	3.06	0.33	0.25	0.04	82.26	19.0	116	8.39	53.5
28819	Core	0.029	0.31	>10	41.5	761	3.60	0.37	0.22	0.23	85.90	18.1	114	9.67	61.5
28820	Core	0.007	0.26	>10	15.5	757	3.50	0.38	0.19	0.06	83.37	19.0	126	8.95	62.3
28821	Core	0.038	0.27	3.04	179.4	115	0.70	0.20	0.08	0.53	21.82	6.6	157	2.00	18.5
28822	Core	0.095	0.11	2.97	505.1	149	0.85	0.06	0.06	0.04	27.84	5.2	175	3.30	12.8
28823	Core	0.106	0.45	4.26	219.9	252	1.26	0.19	0.13	0.06	32.77	8.9	159	3.82	25.4
28824	Core	0.324	0.48	9.36	915.1	618	3.81	0.68	0.17	0.33	43.52	21.8	150	9.69	66.4
28825	Core	0.060	0.27	>10	190.8	800	4.73	0.47	0.19	0.07	60.45	26.2	109	11.36	64.6
28826	Core	0.710	0.28	>10	2068.8	747	4.71	0.46	0.89	0.09	29.69	26.1	229	9.01	49.0
28827	Core	1.687	0.22	>10	1446.7	978	6.38	0.26	0.72	0.03	52.51	17.7	167	13.53	37.8
28828	Core	0.063	0.21	>10	165.3	931	5.18	0.55	0.17	0.10	54.53	22.9	137	13.61	72.5
28829	Core	0.237	0.25	>10	447.3	919	5.48	0.37	0.38	0.13	29.53	22.2	148	11.97	67.3
28830	Core	0.419	0.27	8.53	2934.1	559	3.49	0.27	0.79	0.20	28.18	14.8	212	8.95	58.8
28831	Core	0.100	0.28	>10	332.6	1036	6.17	0.74	0.18	0.09	43.76	30.8	130	12.47	65.0
28832	Core	0.014	0.21	>10	46.2	734	3.45	0.33	0.14	0.08	45.67	19.1	109	8.78	63.2
28833	Core	0.017	0.22	>10	43.8	800	4.12	0.33	0.11	0.08	52.89	16.9	117	10.05	60.2
28834	Core	0.052	0.25	>10	150.7	812	4.36	0.29	0.47	0.06	36.76	11.2	161	9.34	64.8
28835	Core	0.011	0.29	>10	32.5	784	4.21	0.40	0.23	0.11	66.55	20.1	110	9.67	58.3
28836	Core	0.019	0.28	>10	41.0	838	4.34	0.52	0.27	0.17	68.74	25.5	124	11.26	66.7
28837	Core	0.017	0.19	>10	38.1	704	3.88	0.23	0.46	0.03	67.78	15.6	146	9.21	55.7
28838	Core	0.009	0.21	>10	44.4	820	4.14	0.38	0.23	0.12	88.49	20.0	135	8.26	64.1
28839	Core	0.008	0.24	>10	39.1	725	4.41	0.34	0.31	0.16	44.56	18.5	133	7.68	54.9
28840	Core	0.009	0.14	3.21	100.9	127	0.92	0.05	0.11	0.06	26.65	6.9	149	1.90	14.3

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Certificate of Analysis

11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28841	Core	0.022	0.10	2.15	53.4	84	0.66	0.07	0.05	0.16	29.37	4.4	131	1.45	8.6
28842	Core	0.042	0.13	2.68	94.5	120	0.61	0.05	0.05	0.25	31.82	4.1	146	1.77	9.2
28843	Core	0.082	0.28	2.25	1020.1	88	0.57	0.04	0.18	1.69	29.27	4.0	155	1.53	12.6
28844	Core	0.151	0.76	2.14	3202.8	65	0.61	0.07	0.09	3.47	22.85	4.1	175	1.36	16.3
28845	Core	0.082	0.27	>10	254.5	807	3.38	0.39	0.19	0.12	94.62	20.2	122	11.68	59.5
28846	Reject	0.174	0.16	4.73	378.5	280	1.32	0.12	1.12	0.13	36.17	8.0	158	3.85	29.2
28847	Reject	0.176	0.16	4.48	529.2	275	1.44	0.17	1.22	0.14	31.19	9.2	171	3.98	29.3
28848	Core	<0.005	0.14	0.06	4.0	22	0.07	0.02	>10	0.07	1.18	1.2	5	0.32	2.0
28849	Core	0.080	0.19	9.14	159.3	632	3.14	0.19	0.55	0.05	52.79	11.2	173	8.14	46.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28801	Core	4.83	28.76	1.70	4.8	0.06	2.50	30.1	120.8	1.23	663	0.56	0.77	2.2	45.3
28802	Core	5.61	30.41	1.93	5.1	0.07	2.84	46.1	132.9	1.40	646	0.48	0.90	3.2	49.1
28803	Core	5.68	30.31	1.86	5.1	0.08	2.80	48.3	130.0	1.40	736	0.41	0.85	3.5	48.1
28804	Core	5.79	30.60	1.95	5.0	0.08	2.95	50.4	127.9	1.44	768	0.34	0.87	3.7	47.7
28805	Core	5.53	30.34	1.88	4.6	0.08	3.04	39.4	126.0	1.35	481	0.23	0.88	3.5	50.2
28806	Core	5.73	32.58	2.00	4.4	0.07	2.96	49.1	135.4	1.38	544	0.44	0.84	3.5	52.6
28807	Core	5.56	30.37	1.99	4.7	0.08	3.07	49.4	124.4	1.33	520	0.37	0.82	2.8	49.1
28808	Core	5.62	32.14	1.96	4.6	0.07	3.03	49.1	131.0	1.35	473	0.38	0.80	2.7	51.2
28809	Core	5.45	29.57	1.78	5.0	0.07	2.97	44.9	118.3	1.28	545	0.46	0.66	3.2	46.9
28810	Reject	5.57	30.01	1.98	4.5	0.08	2.86	44.2	115.9	1.41	1378	0.49	0.57	3.2	48.4
28811	Pulp	1.32	6.97	0.52	3.2	0.09	1.30	19.1	10.2	0.76	288	10.89	<0.01	6.4	59.5
28812	Reject	5.41	29.49	1.97	4.7	0.07	2.77	52.0	113.6	1.36	1324	0.57	0.56	4.7	47.4
28813	Core	5.43	28.71	1.70	4.9	0.07	3.00	47.4	107.0	1.26	583	0.53	0.59	3.8	44.9
28814	Core	5.55	29.28	1.82	4.8	0.07	3.08	46.8	111.0	1.31	611	0.32	0.58	3.5	47.4
28815	Core	5.17	29.51	1.75	5.0	0.07	2.99	35.2	105.6	1.23	519	0.33	0.56	2.9	47.6
28816	Core	5.32	27.72	1.75	5.1	0.08	2.84	42.4	99.7	1.30	1023	0.40	0.49	3.6	45.9
28817	Core	5.28	28.88	1.75	4.9	0.07	2.93	42.1	104.2	1.23	707	0.39	0.40	3.8	47.5
28818	Core	4.92	25.61	1.69	4.8	0.06	2.70	41.7	88.1	1.05	569	0.38	0.34	3.4	43.5
28819	Core	4.56	28.22	1.51	5.0	0.07	3.46	43.9	71.3	0.81	488	0.45	0.32	3.3	43.4
28820	Core	5.10	29.29	1.53	5.1	0.07	3.61	43.1	70.7	0.95	603	0.45	0.34	3.2	47.7
28821	Core	2.17	7.44	1.18	2.2	0.03	0.73	9.8	17.1	0.18	559	0.37	0.05	0.9	13.7
28822	Core	1.22	8.07	1.24	2.1	0.02	0.82	13.0	16.5	0.14	335	0.52	0.05	0.9	10.6
28823	Core	2.49	10.79	1.29	2.6	0.02	1.24	16.0	39.6	0.31	605	0.58	0.07	1.9	20.2
28824	Core	5.49	27.50	1.91	4.1	0.06	3.01	23.1	82.6	0.88	927	0.74	0.16	4.8	45.6
28825	Core	5.22	32.89	1.90	4.5	0.07	4.11	33.7	41.9	0.92	517	0.52	0.20	3.7	46.8
28826	Core	4.33	31.71	1.87	3.7	0.07	3.56	16.7	33.0	0.78	566	0.67	0.16	2.7	42.6
28827	Core	4.70	38.60	2.27	4.9	0.09	4.69	29.7	45.8	0.97	506	0.58	0.21	3.6	51.0
28828	Core	4.74	36.23	2.12	4.9	0.08	4.50	30.1	54.5	1.00	394	0.53	0.23	3.6	49.6
28829	Core	4.45	37.08	2.17	4.6	0.09	4.70	15.7	48.5	0.86	360	0.53	0.23	3.5	52.8
28830	Core	4.50	24.40	2.18	2.6	0.05	2.75	15.9	176.2	0.86	481	0.56	0.15	2.1	36.8
28831	Core	4.63	38.15	2.10	4.9	0.08	4.92	23.7	49.8	0.89	279	0.81	0.28	4.7	49.8
28832	Core	5.56	28.06	2.03	4.5	0.08	3.57	25.0	55.3	1.13	391	0.42	0.19	3.5	53.0
28833	Core	4.95	31.25	1.99	4.0	0.09	4.21	28.6	50.9	1.03	266	0.51	0.24	3.7	43.8
28834	Core	4.84	29.84	1.90	3.7	0.07	4.16	21.0	46.6	1.04	366	0.44	0.22	2.7	42.9
28835	Core	5.04	30.61	1.86	3.9	0.07	4.05	36.6	56.1	1.10	361	0.50	0.24	2.7	45.5
28836	Core	4.98	32.48	1.94	4.7	0.08	3.74	37.2	54.2	1.04	340	0.57	0.26	3.7	52.1
28837	Core	5.53	29.08	1.80	4.4	0.08	3.54	35.5	217.5	1.22	461	0.50	0.22	2.7	45.0
28838	Core	4.96	31.71	1.88	4.9	0.10	3.81	46.7	57.6	1.00	411	0.45	0.22	2.9	48.2
28839	Core	5.41	30.04	1.77	4.5	0.08	3.43	23.4	54.3	0.87	639	0.51	0.19	1.7	45.2
28840	Core	1.93	7.61	0.98	2.0	0.01	0.62	12.6	18.6	0.19	634	0.48	0.04	0.8	11.9

3Ace Property, Northern Tiger Resources Inc.
Vol 8-322
Buchanan et al., 2011

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Certificate of Analysis

11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28841	Core	1.20	5.52	0.93	1.8	0.02	0.42	13.5	16.7	0.12	389	0.39	0.03	0.8	8.4
28842	Core	1.06	6.99	0.68	2.1	0.02	0.64	14.4	9.1	0.11	314	0.51	0.04	0.9	7.9
28843	Core	0.94	5.69	1.06	1.9	0.04	0.50	13.3	10.5	0.07	450	0.40	0.03	0.7	6.8
28844	Core	1.15	4.54	1.03	1.6	0.08	0.42	10.7	9.5	0.07	336	0.46	0.02	0.7	7.1
28845	Core	5.08	30.11	1.92	5.4	0.09	3.62	48.6	44.8	1.05	500	0.47	0.24	3.6	47.3
28846	Reject	2.42	11.66	1.19	2.4	0.04	1.32	18.0	27.2	0.60	689	0.39	0.09	1.5	15.8
28847	Reject	2.32	11.09	1.39	2.0	0.04	1.24	16.0	22.1	0.58	720	0.50	0.08	0.9	15.2
28848	Core	0.45	0.46	<0.05	<0.1	<0.01	0.02	0.7	1.2	>10	223	0.06	<0.01	0.2	<0.2
28849	Core	3.67	24.33	1.52	4.1	0.06	2.73	27.3	50.4	0.82	490	0.65	0.18	2.5	30.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28801	Core	499	28.2	148.6	0.004	0.085	0.80	18.5	<1.0	3.2	186.0	0.38	0.14	19.1	0.061
28802	Core	990	27.0	151.5	<0.002	0.076	0.63	19.6	<1.0	2.9	199.7	0.45	0.19	22.7	0.093
28803	Core	633	29.0	150.1	0.002	0.094	0.66	19.1	<1.0	3.0	188.2	0.44	0.10	23.8	0.101
28804	Core	804	27.2	155.6	0.002	0.109	0.92	19.2	<1.0	3.2	194.4	0.48	0.10	24.4	0.108
28805	Core	655	28.6	162.6	0.003	0.120	0.82	20.2	<1.0	3.5	199.1	0.48	0.18	21.9	0.105
28806	Core	805	22.8	166.2	0.005	0.150	0.90	21.0	<1.0	3.7	199.3	0.43	0.19	22.2	0.104
28807	Core	770	22.0	167.6	<0.002	0.091	0.61	19.4	<1.0	2.9	189.9	0.42	0.13	23.9	0.084
28808	Core	774	19.5	164.0	0.005	0.101	0.78	21.0	1.2	3.4	186.2	0.39	0.12	22.5	0.086
28809	Core	725	20.3	163.8	0.003	0.124	0.91	18.7	<1.0	3.1	165.0	0.45	0.14	23.3	0.097
28810	Reject	654	61.9	159.5	0.005	0.073	1.66	18.6	<1.0	3.7	167.8	0.38	0.08	21.7	0.092
28811	Pulp	4673	6.0	102.5	0.035	1.087	20.69	6.1	8.2	2.5	130.5	0.46	0.63	7.5	0.194
28812	Reject	602	36.9	155.0	0.006	0.086	0.73	18.7	<1.0	3.1	175.8	0.47	0.12	21.1	0.110
28813	Core	715	30.6	161.0	0.002	0.167	0.86	18.5	<1.0	3.2	161.2	0.48	0.15	23.8	0.116
28814	Core	615	29.3	167.2	0.003	0.060	0.57	18.7	<1.0	3.0	152.2	0.42	<0.05	23.6	0.098
28815	Core	744	30.3	170.4	0.002	0.069	0.67	18.9	<1.0	2.9	145.4	0.40	0.16	22.7	0.086
28816	Core	625	29.3	163.6	0.002	0.081	0.77	17.4	<1.0	3.0	140.2	0.44	0.13	24.6	0.100
28817	Core	1024	37.1	160.3	<0.002	0.081	0.82	17.9	<1.0	2.8	109.3	0.42	0.16	22.4	0.110
28818	Core	598	30.4	144.1	0.006	0.085	0.70	16.1	<1.0	3.2	92.3	0.38	0.16	22.7	0.100
28819	Core	735	30.4	176.1	<0.002	0.429	1.27	18.6	<1.0	3.6	89.4	0.45	<0.05	24.8	0.107
28820	Core	655	27.4	181.3	0.003	0.095	1.00	19.3	<1.0	3.0	92.6	0.62	0.10	23.8	0.092
28821	Core	155	47.8	36.6	<0.002	0.461	1.14	3.3	<1.0	1.6	13.2	0.13	<0.05	10.5	0.020
28822	Core	154	8.3	42.4	<0.002	0.141	1.59	3.4	1.1	1.4	15.7	0.12	<0.05	10.2	0.027
28823	Core	376	16.1	62.9	0.003	0.343	2.37	5.8	<1.0	1.8	26.4	0.20	<0.05	11.5	0.045
28824	Core	452	44.2	167.4	<0.002	0.711	3.69	15.7	<1.0	3.4	82.7	0.51	0.11	18.2	0.114
28825	Core	513	37.2	217.2	0.002	0.628	3.18	18.0	<1.0	3.6	70.0	0.50	<0.05	21.9	0.126
28826	Core	233	28.5	185.3	<0.002	0.764	4.36	15.8	<1.0	3.6	126.5	0.35	0.10	16.8	0.094
28827	Core	564	10.5	238.5	0.002	0.445	3.32	21.1	<1.0	3.6	122.9	0.51	0.09	24.3	0.137
28828	Core	309	16.9	243.4	0.004	0.374	3.57	21.6	<1.0	3.0	79.5	0.55	0.13	25.3	0.126
28829	Core	1128	29.9	245.3	<0.002	0.662	2.92	21.2	<1.0	3.1	89.2	0.54	0.12	22.9	0.125
28830	Core	226	28.6	146.7	<0.002	0.907	4.59	12.3	<1.0	2.3	96.0	0.24	0.20	13.7	0.070
28831	Core	237	20.9	259.8	0.003	0.913	5.33	22.2	<1.0	3.3	96.1	0.62	0.34	22.4	0.151
28832	Core	522	21.4	186.6	<0.002	0.504	2.89	17.1	<1.0	2.4	61.6	0.44	0.15	21.0	0.120
28833	Core	363	22.6	210.8	0.003	0.503	3.13	18.5	<1.0	2.6	75.0	0.46	0.15	20.1	0.121
28834	Core	216	29.9	195.9	<0.002	0.245	1.98	17.5	<1.0	2.5	90.3	0.38	<0.05	19.9	0.106
28835	Core	583	20.4	203.0	0.003	0.273	3.87	17.5	3.8	2.5	77.8	0.55	0.11	21.6	0.095
28836	Core	329	26.1	197.3	0.002	0.419	4.09	18.6	2.0	2.9	83.0	0.63	0.17	24.1	0.117
28837	Core	1012	22.5	187.2	<0.002	0.242	2.11	17.4	1.6	2.3	76.1	0.48	0.09	22.1	0.096
28838	Core	549	29.2	206.9	<0.002	0.160	1.39	18.6	1.5	2.7	72.1	0.57	0.09	24.1	0.100
28839	Core	475	40.7	185.6	0.004	0.206	1.69	17.1	<1.0	2.5	64.5	0.37	0.11	22.3	0.069
28840	Core	159	21.7	34.6	0.002	0.081	0.73	3.2	<1.0	0.9	14.3	0.12	<0.05	8.5	0.022

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11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28841	Core	76	22.9	23.3	<0.002	0.106	0.80	2.0	<1.0	0.6	11.4	0.09	0.14	9.0	0.022
28842	Core	83	30.4	34.9	<0.002	0.150	0.81	2.5	1.4	1.1	13.4	0.11	<0.05	11.4	0.027
28843	Core	758	108.2	26.4	<0.002	0.164	1.56	2.1	<1.0	2.4	24.8	0.09	<0.05	9.7	0.019
28844	Core	299	350.6	20.8	<0.002	0.405	3.62	2.0	<1.0	3.5	12.3	0.08	0.05	9.1	0.018
28845	Core	577	26.1	195.2	0.003	0.385	2.33	17.7	<1.0	2.9	94.4	0.55	0.14	25.0	0.108
28846	Reject	273	15.7	73.1	<0.002	0.343	1.39	5.8	<1.0	1.4	82.4	0.19	0.07	11.1	0.038
28847	Reject	316	20.0	67.9	0.003	0.374	1.58	5.6	<1.0	1.4	87.9	0.13	0.05	11.3	0.030
28848	Core	202	2.4	1.1	<0.002	<0.01	<0.05	0.4	<1.0	<0.2	51.0	<0.05	<0.05	0.4	<0.005
28849	Core	425	10.5	149.6	0.003	0.247	1.27	12.5	<1.0	2.1	89.5	0.45	0.07	19.3	0.079

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28801	Core	0.74	4.0	134	0.5	7.6	119	88.2
28802	Core	0.78	4.1	155	0.6	8.9	138	92.2
28803	Core	0.79	4.3	154	0.5	8.3	137	91.7
28804	Core	0.80	4.3	160	0.6	9.0	138	89.2
28805	Core	0.82	4.2	159	0.6	7.5	140	83.9
28806	Core	0.85	4.1	158	0.6	8.0	142	88.1
28807	Core	0.90	4.2	160	0.6	7.7	139	85.7
28808	Core	0.84	4.2	159	0.6	7.5	141	88.1
28809	Core	0.89	4.3	151	0.7	7.5	131	84.5
28810	Reject	0.78	3.9	146	0.5	7.6	130	86.4
28811	Pulp	12.58	7.8	425	36.4	23.9	275	65.3
28812	Reject	0.76	3.7	142	0.6	8.6	129	89.0
28813	Core	0.93	4.3	150	0.6	7.9	133	88.8
28814	Core	0.91	4.0	152	0.6	8.1	137	90.4
28815	Core	0.97	4.5	146	0.6	8.7	126	88.6
28816	Core	0.90	4.6	143	0.6	8.9	124	93.4
28817	Core	0.81	3.8	140	0.6	9.3	124	96.7
28818	Core	0.74	3.6	125	0.7	8.7	121	89.8
28819	Core	0.97	4.0	134	1.3	9.2	125	87.7
28820	Core	0.93	3.8	143	1.0	9.3	128	88.1
28821	Core	0.22	1.1	31	2.1	3.8	64	39.0
28822	Core	0.21	1.2	31	1.9	3.7	31	40.5
28823	Core	0.32	1.7	48	6.8	5.3	54	53.5
28824	Core	0.86	3.9	116	11.3	7.4	139	76.4
28825	Core	1.19	3.8	141	4.4	6.5	125	75.6
28826	Core	1.00	2.9	121	4.7	6.5	103	64.5
28827	Core	1.26	4.1	171	5.8	7.3	123	85.7
28828	Core	1.25	4.6	158	4.4	6.5	133	85.6
28829	Core	1.23	4.2	160	4.8	8.0	154	85.9
28830	Core	0.71	2.5	103	3.1	4.8	88	52.6
28831	Core	1.40	4.2	163	3.9	5.8	116	84.4
28832	Core	1.05	4.1	139	1.8	6.4	144	82.7
28833	Core	1.11	3.7	145	1.7	5.5	124	75.8
28834	Core	1.11	3.5	144	2.0	5.0	130	63.3
28835	Core	1.07	3.7	143	0.9	6.1	128	71.8
28836	Core	1.15	4.4	147	1.4	6.6	122	84.8
28837	Core	1.02	3.8	142	2.2	7.7	120	77.6
28838	Core	1.05	3.6	152	2.2	8.7	130	94.7
28839	Core	1.04	4.0	135	3.6	7.7	127	89.8
28840	Core	0.17	0.9	32	3.1	3.8	43	42.5

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11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28841	Core	0.12	0.8	21	2.1	3.0	31	36.0
28842	Core	0.18	1.1	26	2.0	3.3	40	42.6
28843	Core	0.14	1.0	20	3.6	4.1	116	33.5
28844	Core	0.11	0.9	16	2.4	2.9	269	28.2
28845	Core	0.98	4.2	142	5.4	8.8	124	98.0
28846	Reject	0.38	1.5	55	8.3	4.4	53	44.6
28847	Reject	0.35	1.5	51	5.0	4.4	49	41.1
28848	Core	<0.02	0.5	255	0.2	0.8	21	0.6
28849	Core	0.79	3.2	107	8.1	6.1	95	75.1

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11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28801	Core		0.19	>10	9.1	623	3.33	0.39	0.42	0.07	56.65	18.8	97	8.04	57.7
28801 Dup			0.16	>10	9.3	646	3.40	0.37	0.47	0.05	71.45	19.7	107	8.24	62.9
QCV1110-00214-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.32												1068.4
28819	Core		0.31	>10	41.5	761	3.60	0.37	0.22	0.23	85.90	18.1	114	9.67	61.5
28819 Dup			0.70	>10	38.4	753	3.74	0.38	0.21	0.13	70.87	18.3	124	10.16	58.8
QCV1110-00214-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.73		7.4	419	2.81	7.83		0.12	83.36	23.0		6.86	>10000
28837	Core		0.19	>10	38.1	704	3.88	0.23	0.46	0.03	67.78	15.6	146	9.21	55.7
28837 Dup			0.18	>10	59.9	726	3.59	0.28	0.46	0.09	59.82	16.5	146	9.67	57.7
QCV1110-00214-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-00214-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.56		9.9	418	2.76	8.11		0.19	80.35	22.4		6.79	>10000
28801	Core	<0.005													
28801 Dup		<0.005													
28819	Core	0.029													
28819 Dup		0.037													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.832													
QCV1110-00215-0004-BLK		<0.005													
28837	Core	0.017													
28837 Dup		0.020													
QCV1110-00215-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.902													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28801	Core	4.83	28.76	1.70	4.8	0.06	2.50	30.1	120.8	1.23	663	0.56	0.77	2.2	45.3
28801 Dup		5.36	29.82	1.73	4.8	0.06	2.70	38.6	129.1	1.34	735	0.50	0.83	2.5	48.6
QCV1110-00214-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28819	Core	4.56	28.22	1.51	5.0	0.07	3.46	43.9	71.3	0.81	488	0.45	0.32	3.3	43.4
28819 Dup		4.71	28.90	1.61	14.3	0.07	3.54	37.4	72.9	0.83	514	0.46	0.33	6.2	45.0
QCV1110-00214-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.58		5.7	1.13		40.8	27.5			0.74		14.2	40.4
28837	Core	5.53	29.08	1.80	4.4	0.08	3.54	35.5	217.5	1.22	461	0.50	0.22	2.7	45.0
28837 Dup		5.54	29.19	1.75	4.1	0.11	3.50	32.2	217.1	1.22	469	0.52	0.21	2.2	44.6
QCV1110-00214-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-00214-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.40		5.9	1.13		38.5	29.0			0.76		13.9	38.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28801	Core	499	28.2	148.6	0.004	0.085	0.80	18.5	<1.0	3.2	186.0	0.38	0.14	19.1	0.061
28801 Dup		565	29.4	151.8	<0.002	0.089	0.71	18.9	<1.0	3.2	188.4	0.36	0.11	21.0	0.076
QCV1110-00214-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28819	Core	735	30.4	176.1	<0.002	0.429	1.27	18.6	<1.0	3.6	89.4	0.45	<0.05	24.8	0.107
28819 Dup		703	28.3	181.6	0.003	0.430	1.51	19.8	<1.0	3.3	91.6	1.08	0.18	27.6	0.111
QCV1110-00214-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.3	174.8	0.003	1.268	2.51	13.3	12.1	20.7	33.2	1.28	<0.05	21.6	
28837	Core	1012	22.5	187.2	<0.002	0.242	2.11	17.4	1.6	2.3	76.1	0.48	0.09	22.1	0.096
28837 Dup		993	23.4	185.5	<0.002	0.247	2.21	17.1	2.0	2.4	77.1	0.42	<0.05	20.7	0.085
QCV1110-00214-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-00214-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.5	172.7	0.005	1.157	2.51	12.3	16.3	20.4	33.0	1.30	0.10	21.0	

3Ace Property, Northern Tiger Resources Inc.
Vol 8-330
Buchanan et al., 2011

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07349-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28801	Core	0.74	4.0	134	0.5	7.6	119	88.2
28801 Dup		0.78	4.0	149	0.5	7.8	130	91.0
QCV1110-00214-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28819	Core	0.97	4.0	134	1.3	9.2	125	87.7
28819 Dup		0.91	4.2	139	1.4	9.0	125	92.3
QCV1110-00214-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.81	3.0			23.9	190	106.3
28837	Core	1.02	3.8	142	2.2	7.7	120	77.6
28837 Dup		0.95	3.5	142	1.9	7.7	128	76.8
QCV1110-00214-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-00214-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.81	2.9			23.2	182	108.5

Certificate of Analysis

11-360-07350-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 25**
Client Reference: **Core 25**
Description: **3 ACE**

Date Received: 09/30/2011
Date Completed: 10/26/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	46	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	No Sample	
Whitehorse, YT	2	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30001	Core	0.010	0.91	>10	42.8	517	2.64	0.65	0.40	0.15	107.46	13.9	107	7.56	56.3
30002	Core	0.007	0.67	>10	43.3	749	3.53	0.30	0.42	0.15	129.86	13.9	114	9.90	53.8
30003	Core	<0.005	0.57	>10	54.4	704	3.10	0.60	1.15	0.21	117.35	23.5	131	9.46	52.5
30004	Core	<0.005	0.51	>10	46.6	680	3.51	0.44	0.35	0.16	125.87	19.5	100	8.81	57.9
30005	Core	<0.005	0.40	>10	46.4	592	3.06	0.52	1.03	0.15	119.68	19.3	98	7.97	50.3
30006	Core	<0.005	0.32	>10	41.8	673	2.63	0.29	1.44	0.19	131.52	14.1	112	8.43	46.6
30007	Core	<0.005	0.34	>10	47.1	642	2.38	0.47	1.96	0.18	109.49	17.2	135	8.09	46.5
30008	Core	<0.005	0.32	>10	39.4	698	2.64	0.51	1.07	0.18	120.78	16.9	182	8.82	52.0
30009	Core	<0.005	0.30	>10	41.5	723	3.25	0.56	0.92	0.17	145.34	17.1	155	9.32	52.6
30010	Core	<0.005	0.25	>10	37.7	725	3.59	0.48	0.62	0.15	144.20	16.8	96	9.28	51.4
30011	Core	0.005	0.28	>10	38.3	688	3.19	0.50	0.95	0.17	137.81	18.8	97	8.63	50.5
30012	Core	<0.005	0.29	>10	36.5	720	3.20	0.54	0.38	0.16	141.13	18.3	101	8.69	51.7
30013	Core	<0.005	0.27	>10	39.9	722	3.04	0.47	1.36	0.20	128.56	18.2	200	8.49	57.8
30014	Core	<0.005	0.24	>10	43.4	797	3.51	0.54	0.66	0.16	131.42	19.2	143	9.86	58.1
30015	Core	<0.005	0.16	8.88	45.5	399	2.01	0.37	3.96	0.12	78.34	12.7	136	6.37	26.7
30016	Core	<0.005	0.20	>10	41.5	812	3.23	0.28	2.19	0.18	142.52	16.2	130	9.78	50.3
30017	Core	<0.005	0.19	>10	35.8	822	3.51	0.44	0.94	0.18	151.62	17.3	95	9.42	53.6
30018	Core	0.006	0.49	>10	47.0	707	2.72	0.91	3.40	0.26	128.67	19.5	104	7.65	49.2
30019	Core	0.017	0.27	>10	52.1	819	3.32	0.53	2.18	0.26	65.59	24.0	120	9.69	47.6
30020	Core	0.008	0.23	>10	49.1	804	3.20	0.44	0.69	0.27	87.65	16.5	112	9.52	51.9
30021	Core	0.005	0.20	>10	40.1	757	3.28	0.45	0.37	0.15	128.59	18.5	102	8.42	51.8
30022	Core	<0.005	0.35	>10	31.0	666	3.03	0.43	0.59	0.16	110.58	16.7	90	7.65	53.3
30023	Core	<0.005	0.21	>10	35.8	770	3.14	0.47	0.45	0.18	138.37	19.1	101	8.90	52.6
30024	Core	<0.005	0.20	>10	36.1	729	3.30	0.42	0.57	0.20	123.26	17.2	101	8.64	50.5
30025	Core	<0.005	0.19	>10	35.8	726	3.39	0.47	0.50	0.19	132.14	19.4	106	8.85	55.9
30026	Core	<0.005	0.21	>10	35.3	772	3.49	0.51	0.59	0.17	140.12	18.1	102	9.53	54.7
30027	Core	<0.005	0.18	>10	35.5	779	4.06	0.36	0.26	0.18	122.60	17.7	106	9.45	50.1
30028	Core	<0.005	0.19	>10	42.9	740	3.59	0.68	0.41	0.18	110.65	22.6	106	8.97	51.0
30029	Core	<0.005	0.19	>10	35.8	704	3.13	0.51	0.57	0.18	111.87	19.5	98	7.94	52.0
30030	Core	0.305	0.34	>10	754.6	733	3.04	2.04	0.50	0.31	125.81	18.8	107	9.45	54.4
30031	Core	0.008	0.22	>10	58.7	705	3.47	0.60	0.52	0.18	126.27	20.3	106	8.43	51.7
30032	Core	0.032	0.21	>10	63.9	864	3.14	0.68	1.05	0.19	96.31	24.9	94	9.39	51.4
30033	Core	<0.005	0.22	>10	47.3	876	3.30	0.53	0.61	0.15	113.41	18.5	100	9.40	52.1
30034	Core	<0.005	0.17	>10	39.4	839	3.18	0.47	0.37	0.15	124.48	17.6	103	9.12	51.3
30035	Reject	<0.005	0.49	>10	32.8	829	3.60	0.55	0.16	0.18	120.39	19.2	107	9.27	60.0
30036	Pulp	7.958	0.72	3.38	907.8	171	0.91	0.63	>10	4.49	32.29	5.9	95	7.59	36.3
30037	Reject	0.011	0.25	>10	37.3	878	3.07	0.41	0.15	0.17	118.05	18.9	105	9.83	51.9
30038	Core	<0.005	0.20	>10	38.2	794	3.24	0.44	0.37	0.16	124.90	21.3	98	8.44	52.8
30039	Core	0.005	0.17	>10	34.8	769	3.02	0.46	0.32	0.19	120.14	18.0	99	8.54	54.7
30040	Core	<0.005	0.19	>10	38.2	801	2.98	0.45	0.62	0.16	116.61	20.4	120	8.95	43.6

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Certificate of Analysis

11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30041	Core	<0.005	0.40	>10	66.4	829	3.45	0.49	0.18	0.53	142.83	19.4	105	13.50	60.3
30042	Core	9.627	10.38	2.54	2716.6	86	0.75	0.19	0.09	0.36	27.66	6.5	121	2.18	13.2
30043	Core	0.104	0.18	4.22	263.4	226	1.04	0.09	0.08	0.28	42.72	7.3	122	3.87	25.6
28955	No Sample														
28956	No Sample														
28957	Core	0.044	0.11	2.80	222.8	118	0.39	0.08	0.20	0.37	28.28	4.9	96	1.74	11.6
28958	Reject	0.030	0.08	2.74	56.1	105	0.29	0.03	0.33	0.06	26.57	4.6	83	1.66	10.6
28959	Reject	0.034	0.08	2.85	73.4	113	0.47	0.05	0.29	0.08	28.12	4.8	85	1.78	12.7
28960	Pulp	8.043	0.64	3.42	954.7	169	0.79	0.65	>10	4.48	32.15	5.9	97	7.54	35.3
28961	Core	0.009	0.09	2.67	335.3	87	0.36	0.04	0.11	0.83	30.55	6.0	118	1.50	13.0
28962	Core	0.005	0.12	4.11	141.3	138	0.72	0.12	0.09	0.40	38.09	11.1	113	1.79	17.6
28963	Core	0.010	0.50	>10	133.4	1118	3.77	0.60	0.15	0.58	127.28	19.7	146	7.69	72.5
28964	Core	0.018	0.18	>10	871.6	1106	3.78	0.38	0.27	0.84	144.56	21.4	139	9.70	51.1
28965	Core	0.008	0.06	1.73	516.7	33	0.34	0.02	0.04	1.89	16.51	5.3	111	0.63	4.4

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Certificate of Analysis

11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30001	Core	5.43	27.77	1.39	3.2	0.08	2.39	44.9	117.1	1.42	571	0.53	0.84	50.1	51.5
30002	Core	4.99	32.40	1.61	2.7	0.08	2.73	55.8	124.8	1.39	328	0.30	1.09	41.6	52.2
30003	Core	5.04	30.78	1.48	2.8	0.09	2.41	51.8	118.4	1.31	507	0.39	0.94	32.0	51.4
30004	Core	5.38	31.07	1.42	2.8	0.09	2.64	53.1	118.6	1.44	559	0.36	1.00	25.2	54.2
30005	Core	5.69	29.27	1.41	2.8	0.09	2.54	50.0	115.5	1.58	1058	0.31	0.88	19.3	53.6
30006	Core	4.92	29.07	1.48	2.7	0.08	2.56	52.4	108.1	1.36	747	0.29	0.87	17.7	47.3
30007	Core	5.35	28.55	1.41	2.6	0.08	2.46	46.9	93.9	1.54	1219	0.35	0.71	14.4	47.0
30008	Core	5.28	28.72	1.58	2.8	0.08	2.66	52.1	97.0	1.47	759	0.56	0.74	13.3	47.8
30009	Core	5.39	32.87	1.68	3.0	0.08	2.82	77.1	118.5	1.46	528	0.33	0.83	13.3	53.2
30010	Core	5.48	32.45	1.59	3.1	0.09	2.74	76.2	123.7	1.50	626	0.26	0.94	12.1	52.1
30011	Core	5.61	30.28	1.49	3.2	0.09	2.54	72.9	115.2	1.51	837	0.36	0.86	12.3	52.2
30012	Core	5.60	30.31	1.66	3.3	0.09	2.53	77.2	123.6	1.50	527	0.44	0.86	13.2	53.8
30013	Core	5.44	30.20	1.59	3.0	0.09	2.66	54.3	106.9	1.50	795	1.01	0.80	10.8	87.2
30014	Core	5.66	33.12	1.65	3.1	0.10	3.17	53.4	114.3	1.58	563	0.33	0.88	10.6	55.6
30015	Core	4.39	19.77	1.16	1.9	0.06	2.03	34.1	64.9	1.36	1738	0.41	0.48	6.5	37.2
30016	Core	5.03	30.61	1.57	2.7	0.09	2.88	57.5	93.6	1.50	1008	0.44	0.74	7.9	50.7
30017	Core	5.05	32.03	1.47	2.8	0.09	2.89	78.7	92.2	1.45	682	0.48	0.80	7.6	52.5
30018	Core	5.71	27.43	1.31	2.5	0.08	2.67	54.4	79.7	1.93	1719	0.33	0.63	7.1	52.7
30019	Core	5.03	29.46	1.32	2.6	0.08	3.08	37.5	70.5	1.27	1388	0.55	0.76	6.9	48.2
30020	Core	5.26	31.39	1.45	2.7	0.09	3.12	37.8	92.4	1.39	702	0.38	0.65	6.7	56.5
30021	Core	5.36	31.50	1.57	2.6	0.08	2.72	52.3	115.1	1.40	567	0.44	0.80	6.7	51.8
30022	Core	5.49	27.48	1.37	2.8	0.08	2.62	44.9	111.1	1.43	718	0.39	0.88	6.5	55.0
30023	Core	5.55	33.74	1.68	2.7	0.09	2.56	56.3	132.5	1.46	577	0.49	0.94	7.5	53.8
30024	Core	5.14	31.37	1.49	2.9	0.08	2.54	50.8	120.8	1.36	634	0.46	0.95	6.0	51.8
30025	Core	5.63	32.95	1.66	2.8	0.09	2.59	53.9	134.4	1.45	626	0.45	0.95	6.9	53.6
30026	Core	5.42	32.64	1.62	2.6	0.10	2.67	67.0	128.2	1.37	429	0.37	0.99	8.5	56.1
30027	Core	5.55	33.72	1.61	2.5	0.09	2.73	52.3	141.3	1.45	469	0.18	1.03	5.7	57.6
30028	Core	5.60	34.66	1.59	2.2	0.09	2.58	44.4	139.6	1.40	560	0.37	0.99	6.5	57.8
30029	Core	5.74	29.88	1.24	3.0	0.09	2.51	48.7	122.8	1.48	791	0.35	0.92	6.0	54.0
30030	Core	5.56	32.41	1.55	3.1	0.09	2.53	51.7	122.0	1.35	824	0.48	0.93	6.8	53.5
30031	Core	5.54	32.38	1.55	2.9	0.08	2.40	51.6	123.7	1.37	744	0.42	0.95	6.2	54.0
30032	Core	5.40	31.74	1.43	2.3	0.09	2.85	40.1	106.3	1.38	1143	0.38	0.89	4.8	54.7
30033	Core	5.30	32.61	1.53	2.4	0.09	2.96	48.1	115.5	1.42	782	0.26	0.96	5.1	55.9
30034	Core	5.55	32.93	1.51	2.7	0.09	2.83	51.4	127.0	1.39	669	0.38	0.86	5.3	54.4
30035	Reject	5.23	33.29	1.42	3.3	0.08	2.94	46.5	120.9	1.25	407	0.40	1.00	6.4	54.5
30036	Pulp	1.38	7.09	<0.05	1.8	0.06	1.28	20.2	8.4	0.77	284	11.21	<0.01	6.8	69.8
30037	Reject	5.11	34.27	1.64	2.7	0.09	2.92	40.7	109.9	1.23	383	0.42	0.99	6.2	53.5
30038	Core	5.81	33.18	1.41	2.7	0.08	2.64	47.7	129.7	1.37	584	0.42	0.86	6.6	55.4
30039	Core	5.54	30.67	1.21	2.9	0.08	2.70	47.8	116.4	1.30	619	0.43	0.87	4.7	54.5
30040	Core	5.41	32.16	1.44	2.9	0.08	2.48	48.1	116.6	1.30	998	0.56	0.76	4.2	49.7

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Certificate of Analysis

11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30041	Core	5.06	34.94	1.59	2.9	0.08	2.79	75.4	118.3	1.14	518	0.59	0.87	4.8	53.8
30042	Core	3.05	6.64	0.74	1.2	0.02	0.42	12.4	49.5	0.14	628	0.55	0.04	1.1	14.7
30043	Core	1.95	11.55	0.91	1.8	0.02	1.19	20.0	79.8	0.24	763	0.41	0.08	1.6	16.1
28955	No Sample														
28956	No Sample														
28957	Core	1.42	7.08	0.22	1.3	0.01	0.62	12.6	21.2	0.13	236	0.38	0.14	1.1	11.9
28958	Reject	1.25	6.01	<0.05	1.3	0.01	0.64	11.8	10.3	0.19	211	0.37	0.25	0.9	11.4
28959	Reject	1.35	6.51	<0.05	1.3	0.01	0.66	12.6	11.1	0.18	185	0.31	0.26	0.9	11.5
28960	Pulp	1.35	7.43	<0.05	2.0	0.07	1.34	18.8	7.4	0.79	287	11.35	<0.01	7.1	68.2
28961	Core	1.63	5.87	0.60	1.2	0.01	0.48	13.4	21.3	0.16	216	0.45	0.11	1.1	13.2
28962	Core	3.23	9.91	0.49	1.2	0.02	0.71	18.0	26.4	0.44	193	0.42	0.06	1.2	31.1
28963	Core	4.39	39.39	1.54	3.6	0.10	4.64	49.9	49.3	0.78	302	0.66	0.34	7.3	53.7
28964	Core	4.33	37.77	1.39	4.0	0.08	4.80	76.0	30.9	0.39	619	0.57	0.36	5.0	53.4
28965	Core	1.69	3.77	<0.05	0.6	<0.01	0.16	7.4	53.1	0.02	246	0.41	0.02	0.4	12.7

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11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30001	Core	986	18.4	130.8	0.004	<0.01	1.66	16.2	2.1	2.1	176.5	6.36	0.26	16.7	0.070
30002	Core	1131	17.5	175.4	0.004	<0.01	1.03	18.0	1.5	2.5	235.4	3.57	0.12	19.3	0.106
30003	Core	1017	26.3	167.2	0.005	0.082	1.87	17.4	1.3	2.4	228.7	3.02	0.20	17.4	0.105
30004	Core	497	15.4	168.8	0.003	0.178	1.47	17.3	1.3	2.3	218.7	2.43	0.15	17.8	0.087
30005	Core	747	21.4	143.6	0.004	0.044	1.05	17.0	1.3	2.1	191.9	1.87	0.16	17.3	0.098
30006	Core	972	16.4	165.8	0.003	0.020	0.86	16.1	1.0	2.2	222.0	1.71	0.09	17.3	0.096
30007	Core	592	25.4	152.1	0.004	0.061	1.76	15.7	1.2	2.2	181.4	1.43	0.14	16.4	0.080
30008	Core	722	26.1	171.5	0.003	0.025	0.70	16.1	1.3	2.6	179.3	1.39	0.17	17.9	0.097
30009	Core	1032	24.8	180.5	0.003	0.020	0.75	18.6	1.5	2.5	198.2	1.33	0.14	20.0	0.132
30010	Core	851	16.7	185.1	0.003	0.034	0.70	18.3	1.5	2.4	222.0	1.34	0.15	20.4	0.145
30011	Core	741	17.1	152.3	0.003	0.048	0.73	17.3	1.1	2.4	199.2	1.30	0.15	19.4	0.120
30012	Core	639	16.2	159.7	0.006	0.060	0.90	18.8	1.5	2.3	197.0	1.32	0.14	20.9	0.160
30013	Core	714	27.6	184.4	0.004	0.038	1.18	17.1	1.5	2.4	195.6	1.24	0.17	18.1	0.137
30014	Core	782	13.5	206.4	0.004	0.097	0.95	18.8	1.2	2.5	200.2	1.43	0.17	20.1	0.100
30015	Core	768	14.8	108.8	0.003	<0.01	0.49	11.8	<1.0	1.7	160.0	0.78	0.08	12.8	0.062
30016	Core	771	11.3	180.7	0.004	<0.01	0.45	16.2	1.1	2.5	189.6	0.90	0.08	17.0	0.119
30017	Core	897	14.8	195.4	0.004	0.034	0.35	17.3	1.1	2.4	195.5	0.89	0.10	18.8	0.116
30018	Core	1021	26.8	181.4	0.003	0.047	0.61	15.7	1.1	2.1	193.9	0.82	0.34	17.0	0.101
30019	Core	527	24.1	200.3	0.002	1.547	2.69	15.3	1.1	2.4	198.4	0.90	0.13	14.6	0.089
30020	Core	825	16.8	208.2	<0.002	0.381	0.80	16.4	1.2	3.0	165.3	1.07	0.12	14.8	0.081
30021	Core	1142	18.3	185.9	0.003	0.069	0.48	16.5	<1.0	2.3	183.2	0.84	0.11	17.1	0.111
30022	Core	761	18.8	169.7	0.004	0.035	0.40	15.5	<1.0	2.1	206.2	0.90	0.07	18.0	0.115
30023	Core	839	19.0	152.5	<0.002	0.043	0.52	17.5	1.3	2.5	209.2	0.76	0.12	17.4	0.140
30024	Core	569	21.6	165.0	<0.002	0.038	0.48	16.6	<1.0	2.3	215.9	0.80	0.10	17.4	0.114
30025	Core	685	16.8	197.3	0.003	0.055	0.59	17.6	1.3	2.5	219.3	0.80	0.11	18.7	0.134
30026	Core	827	20.5	171.0	0.003	0.044	0.56	17.9	1.1	2.7	235.7	0.91	0.12	18.9	0.205
30027	Core	565	21.3	193.0	0.003	0.048	0.54	17.9	1.3	2.4	236.2	0.77	0.07	18.0	0.116
30028	Core	913	19.3	170.5	<0.002	0.200	1.16	17.5	1.6	2.4	230.3	0.80	0.16	14.9	0.125
30029	Core	621	16.8	179.2	0.002	0.151	1.01	17.0	1.1	2.5	219.0	0.74	0.11	19.3	0.131
30030	Core	825	28.2	185.3	0.004	0.235	1.51	17.5	1.4	2.7	238.9	0.86	0.10	18.9	0.128
30031	Core	655	22.5	162.4	0.004	0.162	0.87	18.3	1.7	2.4	232.5	0.77	0.12	18.4	0.130
30032	Core	1030	26.7	198.5	0.003	0.463	2.40	16.6	1.3	2.5	220.3	0.69	0.13	15.3	0.102
30033	Core	654	22.0	201.3	<0.002	0.121	0.82	17.4	1.3	2.5	220.4	0.78	0.09	17.7	0.106
30034	Core	551	13.4	204.4	0.003	0.081	0.59	17.7	1.3	2.6	202.5	0.78	0.12	18.4	0.110
30035	Reject	513	36.6	179.5	0.005	0.069	0.97	16.7	1.3	2.5	225.2	0.98	0.22	16.4	0.124
30036	Pulp	4873	6.7	106.5	0.035	1.069	18.78	5.7	7.4	1.7	133.2	0.45	0.61	5.6	0.183
30037	Reject	524	22.5	160.5	0.004	0.043	0.46	17.7	1.2	2.6	220.3	0.75	0.09	16.7	0.132
30038	Core	929	22.1	139.4	0.003	0.060	0.57	17.8	1.5	2.6	198.5	0.70	0.11	15.9	0.177
30039	Core	557	30.9	137.8	0.003	0.063	0.44	16.0	1.1	2.3	206.6	0.59	0.07	17.9	0.107
30040	Core	700	21.2	193.4	0.006	0.076	0.52	17.4	1.3	2.3	185.3	0.56	0.11	18.5	0.101

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30041	Core	577	62.9	198.8	0.003	0.100	0.84	17.8	1.2	2.4	198.4	0.67	0.12	19.1	0.118
30042	Core	190	31.1	26.3	0.004	1.663	4.94	3.2	1.3	0.8	16.6	0.13	0.08	6.5	0.020
30043	Core	109	8.5	67.1	0.003	0.122	1.37	5.6	<1.0	2.1	21.0	0.17	<0.05	9.9	0.043
28955	No Sample														
28956	No Sample														
28957	Core	84	10.8	36.2	0.003	0.186	0.70	2.8	<1.0	1.1	17.2	0.09	<0.05	6.9	0.027
28958	Reject	65	4.2	33.0	<0.002	0.170	0.61	2.3	<1.0	0.9	19.3	0.09	<0.05	6.8	0.023
28959	Reject	71	5.6	34.8	0.002	0.280	0.63	2.4	<1.0	1.2	18.4	0.07	<0.05	7.2	0.023
28960	Pulp	4829	4.8	106.5	0.037	1.081	19.42	5.9	7.9	1.8	133.1	0.47	0.63	6.1	0.187
28961	Core	115	7.6	25.5	0.004	<0.01	0.63	2.3	<1.0	0.7	13.0	0.10	<0.05	7.8	0.019
28962	Core	238	15.2	38.3	0.003	<0.01	0.51	3.6	<1.0	0.7	16.8	0.15	0.07	8.7	0.027
28963	Core	705	47.4	273.4	0.003	<0.01	1.92	19.4	1.5	4.2	88.6	0.81	0.16	21.1	0.220
28964	Core	1396	10.0	285.2	0.004	<0.01	2.04	19.2	1.1	3.2	109.1	0.71	0.08	25.5	0.138
28965	Core	109	4.1	8.4	0.003	<0.01	0.51	1.4	<1.0	0.3	6.6	<0.05	<0.05	3.9	0.010

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30001	Core	0.76	3.8	225	1.1	9.5	137	78.3
30002	Core	0.81	4.1	277	0.6	9.9	130	83.6
30003	Core	0.75	3.8	267	0.6	10.3	134	78.6
30004	Core	0.79	3.8	269	0.5	8.4	135	78.5
30005	Core	0.72	3.9	260	0.4	9.3	142	84.9
30006	Core	0.76	3.8	258	0.5	10.1	124	83.5
30007	Core	0.77	3.6	260	0.4	9.8	125	78.3
30008	Core	0.82	3.9	254	0.5	9.3	132	82.9
30009	Core	0.81	4.2	257	0.6	10.4	131	88.2
30010	Core	0.86	4.2	264	0.5	10.2	132	88.8
30011	Core	0.78	3.9	258	0.5	10.3	136	90.4
30012	Core	0.84	4.5	259	0.6	12.3	138	93.5
30013	Core	0.79	4.0	264	0.6	10.0	129	90.6
30014	Core	1.00	4.6	275	0.4	9.4	135	88.5
30015	Core	0.66	3.0	228	0.3	9.5	88	53.4
30016	Core	0.89	3.9	268	0.5	9.5	119	82.6
30017	Core	0.91	4.3	249	0.7	9.6	134	79.4
30018	Core	0.84	4.1	229	0.5	9.7	139	71.0
30019	Core	0.95	4.1	203	0.5	8.2	125	72.1
30020	Core	0.97	4.4	267	0.5	8.0	138	75.6
30021	Core	0.80	4.4	262	0.5	9.9	134	78.3
30022	Core	0.82	4.8	228	0.5	8.3	139	75.7
30023	Core	0.75	4.5	263	0.5	10.0	143	85.8
30024	Core	0.75	4.5	254	0.5	8.7	137	81.0
30025	Core	0.83	4.7	262	0.6	9.7	140	94.4
30026	Core	0.85	4.7	249	0.8	11.3	146	77.4
30027	Core	0.89	4.4	241	0.5	7.5	143	66.5
30028	Core	0.85	4.0	259	0.5	7.9	140	68.4
30029	Core	0.83	4.8	223	0.6	8.7	140	79.9
30030	Core	0.85	7.3	247	1.2	9.8	137	89.7
30031	Core	0.78	4.6	254	0.6	9.1	135	85.4
30032	Core	0.94	4.9	243	0.5	8.6	138	64.7
30033	Core	0.96	5.0	251	0.5	7.3	137	66.0
30034	Core	0.93	4.7	253	0.5	8.1	133	75.0
30035	Reject	0.98	4.7	195	0.7	6.9	137	73.3
30036	Pulp	12.59	8.1	531	30.7	25.4	273	62.5
30037	Reject	0.96	4.8	211	0.8	7.2	128	85.0
30038	Core	0.84	4.9	255	0.7	8.7	142	82.4
30039	Core	0.90	5.0	238	0.5	8.1	136	81.8
30040	Core	0.85	4.8	254	0.6	9.0	125	83.7

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11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30041	Core	0.89	5.9	263	0.8	9.3	188	85.7
30042	Core	0.30	1.1	123	2.1	3.7	78	35.7
30043	Core	0.36	1.9	141	2.5	5.4	59	55.9
28955	No Sample							
28956	No Sample							
28957	Core	0.19	1.3	131	0.6	3.7	37	43.8
28958	Reject	0.18	1.2	90	0.3	3.3	20	38.4
28959	Reject	0.20	1.3	105	0.3	3.3	20	38.9
28960	Pulp	13.63	8.4	572	33.8	25.0	270	63.4
28961	Core	0.22	1.3	134	0.5	3.8	80	37.4
28962	Core	0.21	1.7	120	0.4	3.9	93	38.3
28963	Core	1.38	5.7	283	2.0	9.7	139	110.8
28964	Core	1.43	5.5	242	3.4	12.2	265	116.6
28965	Core	0.06	1.1	90	3.2	2.6	176	17.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30001	Core		0.91	>10	42.8	517	2.64	0.65	0.40	0.15	107.46	13.9	107	7.56	56.3
30001 Dup			0.89	>10	45.9	515	2.62	0.64	0.39	0.13	111.28	14.1	107	7.56	58.6
QCV1110-00116-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.24												1050.5
30019	Core		0.27	>10	52.1	819	3.32	0.53	2.18	0.26	65.59	24.0	120	9.69	47.6
30019 Dup			0.24	>10	53.6	772	3.00	0.50	2.22	0.25	64.82	22.0	122	9.05	46.7
QCV1110-00116-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.38												1062.8
30037	Reject		0.25	>10	37.3	878	3.07	0.41	0.15	0.17	118.05	18.9	105	9.83	51.9
30037 Dup			0.17	>10	32.6	762	3.49	0.40	0.15	0.16	114.65	17.1	95	8.42	52.1
QCV1110-00116-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.80												1040.5
QCV1110-00116-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.66		10.5		2.23	8.20		1.01	96.10	22.6		6.78	>10000
30001	Core	0.010													
30001 Dup		0.006													
30019	Core	0.017													
30019 Dup		0.014													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.205													
QCV1110-00117-0004-BLK		<0.005													
30037	Reject	0.011													
30037 Dup		0.008													
QCV1110-00117-0006-BLK		0.008													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.379													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30001	Core	5.43	27.77	1.39	3.2	0.08	2.39	44.9	117.1	1.42	571	0.53	0.84	50.1	51.5
30001 Dup		5.39	28.61	1.38	2.7	0.09	2.45	46.6	113.8	1.44	564	0.49	0.87	48.3	53.1
QCV1110-00116-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30019	Core	5.03	29.46	1.32	2.6	0.08	3.08	37.5	70.5	1.27	1388	0.55	0.76	6.9	48.2
30019 Dup		5.05	28.66	1.28	2.4	0.09	3.07	31.2	64.3	1.27	1396	0.52	0.75	6.3	48.4
QCV1110-00116-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30037	Reject	5.11	34.27	1.64	2.7	0.09	2.92	40.7	109.9	1.23	383	0.42	0.99	6.2	53.5
30037 Dup		5.26	32.24	1.25	2.5	0.08	2.88	39.7	104.9	1.21	391	0.36	0.97	5.6	54.5
QCV1110-00116-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-00116-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			20.85		3.3	1.18		38.2	22.5			1.07		14.2	45.1

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11-360-07350-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30001	Core	986	18.4	130.8	0.004	<0.01	1.66	16.2	2.1	2.1	176.5	6.36	0.26	16.7	0.070
30001 Dup		1033	18.6	128.9	<0.002	<0.01	1.06	16.5	1.7	2.1	178.0	4.20	0.18	16.5	0.087
QCV1110-00116-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30019	Core	527	24.1	200.3	0.002	1.547	2.69	15.3	1.1	2.4	198.4	0.90	0.13	14.6	0.089
30019 Dup		554	23.2	198.1	0.003	1.531	2.46	15.1	1.2	2.3	198.0	0.87	0.14	13.0	0.095
QCV1110-00116-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30037	Reject	524	22.5	160.5	0.004	0.043	0.46	17.7	1.2	2.6	220.3	0.75	0.09	16.7	0.132
30037 Dup		542	21.1	149.5	0.002	0.041	0.37	15.8	<1.0	2.4	220.5	0.64	0.08	15.1	0.133
QCV1110-00116-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1110-00116-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			26.2	212.1	0.004	1.027	2.38	11.9	14.5	21.3	34.4	1.18	0.07	15.5	

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30001	Core	0.76	3.8	225	1.1	9.5	137	78.3
30001 Dup		0.69	3.9	249	0.6	9.4	137	81.4
QCV1110-00116-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30019	Core	0.95	4.1	203	0.5	8.2	125	72.1
30019 Dup		0.89	3.8	242	0.4	7.9	125	68.9
QCV1110-00116-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30037	Reject	0.96	4.8	211	0.8	7.2	128	85.0
30037 Dup		0.90	4.7	232	0.6	6.2	130	69.5
QCV1110-00116-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1110-00116-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	3.2			24.7	184	113.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Jim McFaull
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 27**
Client Reference: **Core 27**
Description: **3 ACE**

Date Received: 09/27/2011
Date Completed: 10/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	63	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07353-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30186	Core	0.039	0.27	6.44	629.6	388	1.60	0.17	0.04	0.83	44.45	6.4	186	4.04	31.6
30187	Core	0.005	0.17	9.26	491.7	757	2.88	0.35	0.10	0.24	69.22	8.7	316	7.19	28.1
30188	Core	0.006	0.13	>10	71.9	876	2.72	0.37	0.09	0.14	81.27	8.2	220	8.39	32.9
30189	Core	0.013	0.26	>10	89.4	902	3.53	0.33	0.07	0.16	89.79	7.8	140	8.93	34.1
30190	Core	0.017	0.26	>10	54.7	851	3.50	0.47	0.09	0.11	100.57	9.4	117	8.28	41.3
30191	Core	<0.005	0.12	>10	16.5	910	3.87	0.49	0.11	0.08	100.12	14.7	126	8.49	45.8
30192	Core	<0.005	0.14	>10	11.2	685	2.29	0.39	0.10	0.10	67.18	16.5	163	6.77	52.0
30193	Core	<0.005	0.13	>10	12.2	912	3.86	0.51	0.22	0.10	76.75	15.8	131	8.91	45.4
30194	Core	<0.005	0.12	>10	11.8	844	3.77	0.51	0.12	0.13	89.16	16.6	116	8.34	50.6
30195	Core	<0.005	0.11	>10	12.1	790	3.48	0.55	0.12	0.11	85.54	13.9	117	8.07	46.2
30196	Core	<0.005	0.12	>10	25.1	614	2.83	0.40	0.08	0.26	66.81	15.2	117	5.90	45.3
30197	Core	0.007	0.19	>10	41.9	763	3.57	0.44	0.12	0.37	84.07	17.1	135	7.80	48.1
30198	Core	0.019	0.22	>10	92.0	762	4.16	0.38	0.07	0.67	77.79	18.6	137	7.93	50.1
30199	Core	0.040	0.09	2.92	426.7	123	0.57	0.05	0.04	1.36	37.60	4.6	163	2.23	16.2
30200	Core	0.069	1.12	2.13	103.6	113	0.47	0.63	0.02	0.12	22.75	0.8	145	2.01	4.6
30201	Core	0.042	0.06	2.81	276.2	131	0.45	0.04	0.03	1.33	26.41	2.5	139	2.26	5.1
30202	Core	0.008	0.03	2.49	278.4	111	0.41	0.04	0.03	1.02	27.67	3.3	167	1.67	6.1
30203	Core	<0.005	0.85	2.21	319.8	137	0.63	0.06	0.06	0.95	29.09	3.9	288	1.59	6.2
30204	Core	0.008	0.20	3.00	34.1	161	0.57	0.09	0.18	0.12	32.98	5.3	177	2.04	11.9
30205	Core	<0.005	0.08	2.97	47.6	126	0.37	0.06	0.11	0.07	28.51	4.6	151	1.87	8.2
30206	Core	<0.005	0.06	2.65	371.4	113	0.53	0.05	0.08	0.65	27.78	5.8	156	1.58	9.2
30207	Core	<0.005	0.37	3.60	124.2	159	0.80	0.13	0.10	0.17	36.18	7.3	161	2.03	12.2
30208	Core	0.009	0.13	>10	60.6	953	3.70	0.56	0.37	0.11	70.12	17.0	154	7.08	57.2
30209	Core	0.011	0.17	>10	340.8	996	4.80	0.54	0.15	0.33	122.87	18.7	180	7.82	58.5
30210	Core	<0.005	1.04	2.93	248.4	111	0.58	0.07	0.07	1.00	44.96	4.8	178	1.54	11.1
30211	Core	<0.005	0.17	3.14	301.1	132	0.57	0.07	0.07	1.67	40.61	5.3	170	1.81	8.4
30212	Core	<0.005	0.16	3.14	190.1	145	0.54	0.18	0.07	0.52	34.84	4.0	184	1.61	7.4
30213	Core	0.007	0.23	2.57	230.5	111	0.63	0.04	0.04	0.92	26.25	4.0	154	1.37	7.0
30214	Core	<0.005	0.13	2.60	165.1	112	0.40	0.06	0.09	0.77	28.81	3.6	159	1.56	6.9
30215	Core	0.016	0.05	2.90	133.2	136	0.64	0.06	0.06	1.14	29.74	3.4	151	1.70	8.0
30216	Core	0.041	0.04	2.84	147.9	130	0.48	0.07	0.08	0.84	28.71	3.4	166	1.66	7.6
30217	Core	<0.005	0.05	2.56	223.2	113	0.51	0.06	0.05	1.16	24.70	3.0	188	1.33	6.2
30218	Reject	0.019	0.09	4.55	319.0	261	0.91	0.12	0.53	1.97	25.26	6.8	181	2.78	15.2
30219	Reject	0.024	0.14	3.93	478.6	267	0.80	0.16	2.12	1.82	30.35	4.4	346	2.75	14.5
30220	Core	<0.005	0.71	0.10	3.3	27	0.08	0.02	>10	0.07	1.58	1.0	9	0.34	6.7
30221	Core	0.019	61.46	2.84	300.9	162	0.77	0.08	0.11	1.91	25.83	3.8	172	1.71	282.5
30222	Core	0.026	0.58	2.78	188.7	113	0.39	0.07	0.03	1.42	26.86	2.3	179	1.54	8.9
30223	Core	<0.005	0.12	2.58	131.8	105	0.53	0.07	0.08	1.48	25.00	3.6	181	1.50	11.6
30224	Core	<0.005	0.09	2.64	189.2	106	0.55	0.05	0.05	1.65	25.46	3.6	200	1.34	13.1
30225	Core	0.015	0.12	2.38	139.6	96	0.37	0.13	0.07	1.06	20.26	3.1	203	1.35	9.2

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11-360-07353-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30226	Core	0.031	0.42	3.28	233.3	131	0.55	0.53	0.02	0.31	29.92	1.9	169	1.85	14.6
30227	Core	0.030	0.53	2.72	581.6	139	0.41	0.67	0.03	1.54	30.31	1.6	171	1.98	10.9
30228	Core	0.032	0.22	2.16	262.0	94	0.43	0.41	0.73	2.50	21.57	4.3	188	1.44	12.6
30229	Core	0.050	0.06	2.38	137.6	86	0.40	0.10	2.55	0.22	27.25	5.9	163	1.39	9.0
30230	Core	0.012	0.02	3.11	27.4	121	0.42	0.10	1.34	0.12	39.53	5.4	179	2.22	8.3
30231	Core	0.065	0.07	5.57	552.5	131	0.94	0.04	0.89	0.82	33.59	8.1	174	3.09	26.1
30232	Core	0.051	0.04	3.35	939.3	117	0.63	0.03	1.02	0.57	23.44	4.1	180	2.13	10.0
30233	Core	0.066	0.07	2.96	399.5	124	0.74	0.08	1.53	0.58	26.85	4.4	191	2.26	14.0
30234	Core	0.185	0.33	>10	271.2	281	4.57	0.65	0.09	0.48	29.80	33.1	155	10.59	44.2
30235	Core	0.148	0.43	>10	250.9	862	3.65	1.37	0.14	0.08	44.18	33.1	193	8.82	30.2
30236	Core	0.119	0.19	6.17	1389.8	375	2.25	0.08	1.09	0.14	29.76	5.0	181	6.13	30.3
30237	Core	0.105	0.76	3.04	2904.5	124	0.61	0.05	0.58	0.12	22.65	3.7	179	2.60	17.3
30238	Core	0.257	0.30	2.05	1360.5	84	0.56	0.07	0.14	0.25	17.89	3.1	201	2.06	20.6
30239	Core	<0.005	0.23	0.07	5.5	21	0.08	0.02	>10	0.05	1.38	1.0	3	0.28	2.4
30240	Core	1.101	0.12	2.46	1152.4	99	0.61	0.04	0.17	0.41	18.68	3.5	196	3.04	14.6
30241	Core	0.186	0.16	9.66	441.3	685	2.85	0.25	0.60	0.20	46.79	12.8	219	10.28	38.3
30242	Core	0.288	0.16	6.89	238.2	512	2.12	0.29	0.77	0.08	35.62	17.2	238	6.98	32.4
30243	Core	0.516	0.16	8.03	227.9	744	3.28	0.20	0.98	0.08	42.30	13.7	261	6.77	36.6
30244	Core	0.881	1.24	>10	3099.9	1028	4.86	0.35	0.71	0.09	40.79	15.2	152	12.29	52.7
30245	Core	0.421	0.34	>10	734.7	1004	4.48	0.43	0.71	0.08	41.91	18.6	137	14.41	58.9
30246	Core	0.510	0.55	>10	1339.8	742	3.14	0.56	1.62	0.14	33.98	20.8	173	13.23	36.4
30247	Core	0.210	0.16	2.33	1853.4	72	0.65	0.06	0.77	0.06	20.90	3.8	161	2.62	16.1
30248	Core	0.181	0.15	7.85	139.9	567	2.25	0.14	0.21	0.18	60.46	14.8	180	10.98	44.4
30249	Core	0.018	0.14	>10	102.1	988	3.77	0.55	0.37	0.09	51.90	31.1	142	12.89	54.4
30250	Core	<0.005	0.12	>10	36.7	934	3.38	0.44	0.27	0.07	57.34	21.2	138	10.46	54.3

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30186	Core	3.62	15.06	1.37	3.4	0.04	1.80	22.6	44.3	0.59	242	0.67	0.17	2.6	29.7
30187	Core	8.02	27.72	1.37	4.6	0.07	1.60	37.1	71.7	1.01	594	0.70	0.17	2.6	42.6
30188	Core	8.51	31.13	1.08	5.6	0.07	1.37	42.9	84.4	1.24	697	0.45	0.21	2.8	47.0
30189	Core	5.48	32.95	1.58	5.9	0.08	3.09	47.1	82.9	1.18	469	0.40	0.36	3.5	43.4
30190	Core	5.42	31.05	1.18	5.8	0.08	2.68	52.8	84.9	1.20	406	0.38	0.37	4.0	46.5
30191	Core	5.57	31.55	1.32	5.5	0.07	3.27	51.0	97.5	1.31	393	0.41	0.42	3.8	51.6
30192	Core	4.86	25.45	0.99	4.6	0.06	2.64	34.5	83.9	1.06	415	0.49	0.30	2.8	47.7
30193	Core	5.84	32.79	1.67	5.9	0.08	3.32	40.3	93.0	1.30	415	0.47	0.41	3.2	50.6
30194	Core	5.70	31.11	1.60	5.4	0.07	3.37	48.5	89.9	1.29	422	0.47	0.37	2.6	51.7
30195	Core	5.33	30.32	1.04	5.4	0.08	3.06	45.1	81.6	1.20	391	0.33	0.37	2.8	47.5
30196	Core	4.74	24.72	1.14	5.4	0.06	2.75	36.5	70.6	0.94	416	0.35	0.28	2.6	43.0
30197	Core	5.11	30.31	1.45	5.5	0.07	3.17	45.3	67.2	0.82	463	0.48	0.30	3.3	46.4
30198	Core	5.17	29.49	1.25	5.1	0.07	3.13	41.8	62.8	0.75	512	0.45	0.30	2.7	46.9
30199	Core	1.70	6.56	<0.05	2.7	0.02	0.75	17.1	22.5	0.08	109	0.39	0.09	0.7	11.3
30200	Core	0.26	4.87	0.37	1.5	0.15	0.84	10.4	8.0	0.06	19	0.36	0.04	0.4	2.0
30201	Core	0.96	6.09	<0.05	1.9	0.02	0.83	11.6	13.3	0.06	95	0.34	0.05	0.5	5.2
30202	Core	1.15	5.49	<0.05	2.0	<0.01	0.64	12.3	13.5	0.04	109	0.36	0.05	0.7	8.1
30203	Core	1.81	6.39	<0.05	2.1	0.01	0.36	13.1	12.1	0.04	271	0.47	0.03	0.9	8.7
30204	Core	2.38	7.99	<0.05	2.6	0.02	0.47	14.9	21.9	0.25	330	0.33	0.09	1.0	14.3
30205	Core	1.36	6.55	<0.05	2.0	0.01	0.63	12.4	17.4	0.15	189	0.38	0.18	0.6	10.5
30206	Core	1.47	5.94	<0.05	1.9	0.01	0.51	12.0	17.2	0.12	248	0.35	0.05	0.5	11.4
30207	Core	2.34	7.97	<0.05	2.3	0.01	0.75	16.8	27.8	0.25	233	0.39	0.07	0.7	17.0
30208	Core	4.23	33.51	0.69	6.0	0.09	2.31	38.3	49.4	0.76	268	0.55	0.33	2.5	47.8
30209	Core	4.66	36.02	1.46	5.8	0.08	2.70	66.6	50.1	0.71	377	0.61	0.32	2.9	56.1
30210	Core	1.89	6.53	<0.05	16.4	0.01	0.57	21.0	54.1	0.11	259	0.39	0.08	2.6	12.9
30211	Core	1.76	7.13	<0.05	3.8	0.01	0.66	18.5	55.8	0.09	305	0.43	0.11	1.2	13.9
30212	Core	1.30	6.14	<0.05	3.1	0.01	0.76	15.2	21.2	0.07	443	0.33	0.07	1.0	8.4
30213	Core	1.19	5.21	0.17	2.7	<0.01	0.58	11.5	38.0	0.04	224	0.41	0.08	1.0	8.7
30214	Core	1.25	5.46	0.40	2.4	0.01	0.61	12.9	21.2	0.06	178	0.30	0.07	0.8	7.6
30215	Core	1.10	6.37	<0.05	2.4	<0.01	0.77	13.2	16.8	0.08	143	0.41	0.11	0.8	8.1
30216	Core	1.06	6.19	<0.05	2.5	<0.01	0.76	13.1	13.6	0.10	209	0.50	0.33	0.8	8.4
30217	Core	1.06	5.05	<0.05	1.9	<0.01	0.67	10.7	16.1	0.07	164	0.52	0.06	0.6	8.5
30218	Reject	1.32	10.47	<0.05	2.5	0.02	1.57	12.2	11.5	0.09	132	0.51	0.09	1.0	10.3
30219	Reject	1.98	10.64	<0.05	2.6	0.03	0.86	14.0	10.2	0.09	181	0.53	0.05	1.1	8.4
30220	Core	0.55	0.24	<0.05	0.3	<0.01	0.04	0.8	1.7	>10	251	0.10	<0.01	0.5	<0.2
30221	Core	1.14	5.99	0.96	<0.1	0.01	0.77	11.7	10.8	0.11	92	1.06	0.05	0.7	41.3
30222	Core	0.97	5.24	0.09	2.0	0.03	0.80	11.7	11.1	0.05	113	0.46	0.06	0.7	5.8
30223	Core	1.08	5.53	0.16	2.2	0.02	0.59	11.5	17.0	0.04	682	0.39	0.06	0.6	6.9
30224	Core	1.19	5.25	0.61	1.9	0.02	0.68	11.3	7.4	0.04	135	0.45	0.04	0.6	7.0
30225	Core	1.06	4.73	0.89	1.9	0.01	0.69	8.6	8.3	0.05	233	0.49	0.05	0.7	6.4

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11-360-07353-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30226	Core	1.06	6.85	0.52	2.7	0.04	1.08	13.6	8.2	0.08	57	0.43	0.06	0.8	5.1
30227	Core	0.92	5.95	0.21	2.5	0.06	1.10	14.0	13.9	0.09	99	0.34	0.05	0.8	5.1
30228	Core	1.16	4.57	<0.05	1.7	0.04	0.75	9.8	14.8	0.09	818	0.50	0.04	0.6	9.0
30229	Core	1.51	5.07	<0.05	2.0	0.03	0.55	11.6	21.3	0.18	726	0.43	0.26	0.5	9.5
30230	Core	1.79	6.46	0.12	3.5	0.04	0.77	16.4	43.1	0.27	811	0.46	0.32	0.9	11.4
30231	Core	2.72	9.11	0.52	3.2	0.03	0.91	15.6	94.1	0.27	1335	0.39	0.08	0.8	17.7
30232	Core	1.85	6.66	0.75	2.2	0.02	0.73	10.7	17.6	0.19	1268	0.36	0.05	0.6	10.6
30233	Core	1.91	6.93	0.20	2.2	0.02	0.89	12.8	18.8	0.46	1149	0.44	0.14	0.7	9.5
30234	Core	6.18	37.74	1.29	5.3	0.10	4.36	15.9	38.0	0.62	353	0.63	0.38	3.0	59.3
30235	Core	5.24	30.90	0.92	4.9	0.07	4.35	23.1	76.3	0.44	338	1.04	0.36	2.5	41.2
30236	Core	2.80	17.14	0.77	3.0	0.03	2.32	14.2	16.6	0.66	613	0.38	0.12	1.4	14.7
30237	Core	1.20	7.41	<0.05	1.9	0.01	0.86	10.2	6.7	0.26	303	0.43	0.22	0.5	8.0
30238	Core	0.80	5.63	0.56	1.5	0.01	0.64	7.9	6.3	0.10	235	0.47	0.02	0.4	6.6
30239	Core	0.56	0.18	<0.05	0.4	<0.01	0.02	0.7	1.1	>10	250	0.07	<0.01	0.6	<0.2
30240	Core	1.07	5.79	0.06	1.3	0.01	0.67	8.4	47.9	0.09	308	0.45	0.04	0.4	7.5
30241	Core	4.10	20.87	1.12	3.0	0.05	3.63	24.7	28.9	0.95	708	0.77	0.21	1.7	31.9
30242	Core	4.05	15.15	0.20	2.2	0.05	2.78	18.9	13.4	0.94	771	0.66	0.14	1.2	30.4
30243	Core	3.96	20.47	0.26	2.6	0.05	3.26	21.9	19.1	1.03	607	0.75	0.15	1.5	33.4
30244	Core	5.31	38.22	1.43	13.8	0.08	4.43	22.7	13.9	1.29	731	0.64	0.23	5.2	44.1
30245	Core	6.12	34.77	0.29	4.6	0.09	3.32	22.5	15.5	1.45	804	0.68	0.24	2.3	49.6
30246	Core	4.43	27.50	0.97	3.9	0.06	4.11	17.4	11.3	1.02	974	0.71	0.22	1.7	40.0
30247	Core	1.12	5.02	0.14	1.5	0.01	0.48	9.5	4.8	0.35	436	0.38	0.03	0.4	8.6
30248	Core	4.85	20.44	0.43	3.0	0.05	2.63	30.0	23.6	1.01	804	0.56	0.16	1.7	45.6
30249	Core	5.54	31.51	1.21	3.9	0.08	3.80	28.7	58.3	0.89	563	0.95	0.55	2.0	56.2
30250	Core	6.11	31.23	0.72	4.0	0.07	2.58	31.7	79.1	1.15	597	0.61	0.74	2.3	48.4

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11-360-07353-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30186	Core	279	33.5	100.8	<0.002	0.167	1.42	9.2	1.4	3.2	47.0	0.37	<0.05	16.0	0.060
30187	Core	419	43.3	167.2	0.003	<0.01	1.10	18.4	1.5	2.3	92.7	0.51	<0.05	23.1	0.084
30188	Core	409	14.3	129.2	<0.002	0.012	1.03	21.5	<1.0	2.5	103.7	0.49	<0.05	27.5	0.105
30189	Core	446	22.4	187.6	<0.002	<0.01	1.19	21.6	<1.0	3.0	111.1	0.74	<0.05	28.0	0.114
30190	Core	520	27.7	150.7	<0.002	<0.01	1.40	21.3	1.3	2.7	97.9	0.59	<0.05	30.1	0.132
30191	Core	472	27.9	173.3	<0.002	<0.01	0.96	21.9	1.6	2.6	100.7	0.61	<0.05	27.9	0.125
30192	Core	327	29.1	152.1	<0.002	<0.01	0.83	17.0	1.1	2.2	79.7	0.41	0.06	21.4	0.091
30193	Core	784	16.5	194.1	<0.002	<0.01	0.91	23.2	<1.0	2.6	110.5	0.75	<0.05	29.6	0.107
30194	Core	515	25.8	190.7	<0.002	<0.01	1.16	21.6	<1.0	2.6	94.0	0.57	<0.05	29.4	0.093
30195	Core	524	21.7	169.6	<0.002	<0.01	1.02	21.2	<1.0	2.6	91.2	0.47	<0.05	27.8	0.106
30196	Core	359	22.6	142.9	<0.002	<0.01	0.80	16.6	<1.0	2.1	64.5	0.38	<0.05	26.6	0.093
30197	Core	600	26.9	182.1	0.002	<0.01	1.59	20.7	<1.0	2.6	81.2	0.49	<0.05	27.5	0.110
30198	Core	418	28.4	172.9	<0.002	<0.01	2.00	21.3	<1.0	2.6	83.5	0.40	<0.05	28.7	0.094
30199	Core	89	11.8	39.5	<0.002	<0.01	1.08	3.3	1.4	1.1	14.7	0.08	<0.05	16.3	0.023
30200	Core	25	294.7	44.4	<0.002	0.018	1.68	1.4	1.1	5.0	13.1	0.08	<0.05	5.4	0.016
30201	Core	48	11.2	41.6	<0.002	<0.01	0.74	2.8	<1.0	1.8	12.8	0.07	<0.05	8.8	0.020
30202	Core	63	5.6	31.5	<0.002	<0.01	0.56	2.7	1.0	1.0	12.0	0.07	<0.05	11.4	0.020
30203	Core	71	10.3	35.3	<0.002	<0.01	0.39	2.8	<1.0	0.6	12.6	0.09	<0.05	10.5	0.032
30204	Core	109	14.3	40.9	<0.002	0.021	0.53	3.8	<1.0	0.8	19.0	0.11	<0.05	12.2	0.037
30205	Core	69	12.7	31.2	<0.002	<0.01	0.36	3.1	<1.0	0.7	17.4	0.07	<0.05	10.5	0.021
30206	Core	73	10.7	27.2	<0.002	<0.01	0.34	2.8	1.0	0.8	13.3	0.09	<0.05	10.8	0.015
30207	Core	140	17.4	38.3	<0.002	<0.01	0.46	4.3	<1.0	0.7	18.7	0.08	<0.05	13.8	0.022
30208	Core	1563	14.6	120.5	0.003	0.017	1.68	23.5	1.0	2.8	92.1	0.32	<0.05	32.9	0.098
30209	Core	604	23.4	156.4	0.003	<0.01	2.01	24.8	<1.0	2.9	87.5	0.46	<0.05	33.4	0.109
30210	Core	97	15.4	28.2	<0.002	<0.01	0.68	4.3	<1.0	0.8	18.2	0.26	<0.05	24.4	0.027
30211	Core	97	12.5	35.3	0.004	<0.01	0.56	3.9	<1.0	0.7	20.1	0.13	<0.05	17.7	0.028
30212	Core	225	55.2	34.2	<0.002	0.018	0.64	3.2	<1.0	0.7	15.5	0.12	<0.05	15.8	0.026
30213	Core	<10	7.8	26.5	<0.002	<0.01	0.45	2.4	<1.0	0.8	14.5	0.13	<0.05	12.3	0.019
30214	Core	<10	9.6	28.2	0.002	<0.01	0.44	2.2	<1.0	0.6	16.2	0.12	<0.05	11.5	0.019
30215	Core	<10	11.2	35.6	<0.002	<0.01	0.56	2.7	<1.0	0.8	16.6	0.10	<0.05	12.9	0.019
30216	Core	<10	12.0	35.1	0.003	<0.01	0.59	2.3	<1.0	0.7	21.3	0.11	<0.05	14.3	0.021
30217	Core	<10	7.2	27.7	<0.002	<0.01	0.49	2.0	<1.0	0.7	12.0	0.08	<0.05	10.7	0.016
30218	Reject	672	34.1	68.8	<0.002	<0.01	0.99	4.5	1.4	2.0	38.1	0.14	<0.05	15.0	0.030
30219	Reject	6278	60.2	69.0	<0.002	<0.01	1.10	4.4	1.0	2.6	56.1	0.14	<0.05	15.2	0.041
30220	Core	<10	4.5	1.8	0.002	<0.01	<0.05	0.6	1.2	<0.2	40.4	0.28	<0.05	0.9	<0.005
30221	Core	<10	16.3	36.9	0.007	<0.01	0.76	2.1	<1.0	1.0	14.6	0.12	<0.05	9.8	0.020
30222	Core	<10	52.3	33.9	<0.002	<0.01	0.67	1.6	<1.0	2.2	14.9	0.11	<0.05	9.3	0.018
30223	Core	<10	12.8	28.9	<0.002	<0.01	0.62	2.4	<1.0	1.1	15.9	0.11	<0.05	10.0	0.020
30224	Core	<10	11.5	30.3	<0.002	<0.01	0.62	2.1	<1.0	0.9	10.3	0.08	<0.05	10.5	0.018
30225	Core	<10	19.8	29.5	0.003	0.015	0.68	2.1	<1.0	1.8	16.8	0.10	<0.05	9.6	0.017

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30226	Core	<10	139.1	42.5	<0.002	0.028	0.76	2.9	<1.0	3.4	19.9	0.10	<0.05	14.0	0.028
30227	Core	<10	101.1	48.6	<0.002	0.092	0.93	2.7	1.6	6.2	15.0	0.08	<0.05	11.2	0.028
30228	Core	<10	74.6	34.0	<0.002	0.108	0.96	2.6	<1.0	5.0	32.9	0.08	<0.05	7.6	0.016
30229	Core	<10	6.2	24.5	<0.002	0.055	0.67	2.8	<1.0	1.0	99.3	0.05	<0.05	9.2	0.018
30230	Core	<10	5.9	33.1	0.003	0.074	0.56	4.2	<1.0	1.0	41.1	0.11	<0.05	17.8	0.029
30231	Core	<10	33.4	42.6	0.003	0.236	1.14	5.3	<1.0	3.2	39.6	0.13	<0.05	18.5	0.024
30232	Core	<10	7.2	32.9	<0.002	0.092	1.34	3.5	<1.0	1.1	29.9	0.10	<0.05	12.4	0.020
30233	Core	<10	13.2	38.2	<0.002	0.172	1.22	3.4	<1.0	1.5	67.9	0.09	<0.05	9.9	0.022
30234	Core	<10	45.2	195.0	0.002	4.633	9.72	25.6	1.2	3.4	91.6	0.52	0.21	25.5	0.126
30235	Core	<10	31.2	172.8	<0.002	2.154	9.18	20.4	<1.0	2.9	82.4	0.39	0.28	24.0	0.109
30236	Core	<10	12.0	112.5	<0.002	0.289	2.51	7.9	<1.0	2.0	106.7	0.16	<0.05	14.1	0.056
30237	Core	<10	19.1	38.4	<0.002	0.177	3.13	2.5	<1.0	1.5	53.4	0.06	<0.05	8.9	0.024
30238	Core	<10	31.9	28.0	<0.002	0.111	2.25	1.6	<1.0	1.3	17.0	0.06	<0.05	6.7	0.016
30239	Core	<10	3.7	1.2	<0.002	<0.01	<0.05	0.7	1.3	<0.2	45.0	0.60	<0.05	1.4	<0.005
30240	Core	<10	14.9	32.4	<0.002	0.125	2.95	1.8	<1.0	1.7	34.2	0.07	<0.05	8.0	0.015
30241	Core	<10	19.9	150.0	<0.002	0.564	3.84	13.5	<1.0	2.2	107.9	0.24	<0.05	16.1	0.071
30242	Core	<10	18.1	125.5	0.004	1.141	4.50	10.2	<1.0	1.6	98.9	0.14	<0.05	11.1	0.052
30243	Core	<10	16.1	161.4	<0.002	0.782	3.34	13.8	<1.0	1.9	116.5	0.15	<0.05	14.7	0.062
30244	Core	<10	22.4	233.2	0.002	1.000	6.04	21.6	1.2	3.3	110.9	0.99	<0.05	24.9	0.105
30245	Core	<10	28.9	170.0	0.003	1.507	5.71	20.3	<1.0	3.1	112.0	0.34	<0.05	20.2	0.097
30246	Core	<10	33.9	189.5	0.003	2.401	5.95	15.0	<1.0	2.7	159.6	0.37	<0.05	17.2	0.071
30247	Core	<10	8.3	25.2	<0.002	0.360	3.06	2.0	<1.0	1.8	72.9	0.08	<0.05	6.9	0.011
30248	Core	<10	16.9	151.4	<0.002	0.446	2.42	12.4	<1.0	2.5	96.5	0.27	<0.05	16.2	0.059
30249	Core	<10	40.0	188.1	0.002	1.693	6.46	19.9	<1.0	3.0	190.3	0.42	<0.05	20.7	0.071
30250	Core	<10	28.9	120.7	<0.002	0.733	3.63	19.9	<1.0	2.6	199.3	0.35	<0.05	21.5	0.096

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11-360-07353-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.
Vol 8-352
Buchanan et al., 2011

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30186	Core	0.50	2.3	79	0.8	4.9	109	58.4
30187	Core	0.94	3.6	192	0.5	6.9	149	81.7
30188	Core	1.07	4.7	214	0.5	8.2	117	100.5
30189	Core	1.17	5.2	171	0.7	8.8	112	102.4
30190	Core	1.16	5.2	165	0.8	9.8	105	100.7
30191	Core	1.14	5.0	169	0.5	9.4	120	94.1
30192	Core	0.81	3.9	129	0.6	8.2	113	89.2
30193	Core	1.19	5.0	180	0.7	10.4	118	102.4
30194	Core	1.09	5.0	167	0.4	9.2	130	97.3
30195	Core	1.06	4.8	162	0.5	9.2	110	93.2
30196	Core	0.87	4.1	131	0.6	8.9	122	94.1
30197	Core	1.05	4.4	154	1.2	9.5	150	101.1
30198	Core	1.01	4.7	145	1.1	8.9	160	100.2
30199	Core	0.22	2.0	31	1.0	4.6	165	56.9
30200	Core	0.24	0.7	20	1.0	2.1	8	26.5
30201	Core	0.22	1.0	28	1.6	3.0	49	35.8
30202	Core	0.14	1.3	24	1.1	3.0	67	37.5
30203	Core	0.18	1.3	36	1.6	3.7	65	43.0
30204	Core	0.22	1.5	51	0.4	3.9	44	49.2
30205	Core	0.16	1.1	30	0.2	3.2	30	39.7
30206	Core	0.13	1.2	28	0.3	3.3	87	35.8
30207	Core	0.18	1.5	39	0.3	3.7	58	40.2
30208	Core	1.41	5.2	167	1.4	10.8	115	102.8
30209	Core	1.36	5.2	170	1.8	10.1	177	105.2
30210	Core	0.16	1.8	33	0.8	5.3	83	66.4
30211	Core	0.20	1.9	35	1.2	5.2	126	57.3
30212	Core	0.19	1.6	33	1.1	4.3	62	50.9
30213	Core	0.14	1.3	23	1.0	3.2	84	39.4
30214	Core	0.16	1.2	26	0.8	3.2	63	38.2
30215	Core	0.17	1.4	30	0.9	3.6	72	42.7
30216	Core	0.20	1.4	24	0.7	3.3	42	41.2
30217	Core	0.14	1.1	19	0.7	3.0	77	33.9
30218	Reject	0.36	1.9	41	1.4	7.1	116	47.5
30219	Reject	0.38	2.0	64	1.5	9.9	105	50.7
30220	Core	<0.02	0.8	292	<0.1	1.0	16	0.8
30221	Core	0.21	1.4	26	783.4	3.5	73	32.6
30222	Core	0.17	1.5	19	2.6	3.1	68	33.0
30223	Core	0.14	1.5	22	1.4	3.7	124	38.8
30224	Core	0.16	1.4	20	1.1	3.4	72	36.8
30225	Core	0.15	1.5	22	1.3	3.4	65	32.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30226	Core	0.24	1.4	34	1.8	3.2	68	50.9
30227	Core	0.22	1.2	30	1.3	3.3	97	46.3
30228	Core	0.16	1.1	25	1.0	4.6	193	31.7
30229	Core	0.10	1.2	26	0.7	6.8	47	38.5
30230	Core	0.18	1.9	35	0.9	5.8	46	60.0
30231	Core	0.21	1.8	50	1.5	6.0	144	58.6
30232	Core	0.16	1.3	34	1.3	4.0	136	40.7
30233	Core	0.18	1.2	35	1.0	4.6	73	39.7
30234	Core	1.65	4.5	169	3.7	6.2	115	92.1
30235	Core	1.32	3.8	145	3.5	6.0	76	79.1
30236	Core	0.60	1.8	74	2.4	6.2	50	57.8
30237	Core	0.19	1.1	35	1.4	3.3	31	35.0
30238	Core	0.15	0.8	21	1.3	2.1	48	26.2
30239	Core	<0.02	0.7	292	0.2	0.9	15	1.6
30240	Core	0.16	1.1	25	1.7	2.1	53	25.1
30241	Core	0.87	3.1	113	7.3	5.8	87	54.4
30242	Core	0.72	2.0	85	4.5	4.3	66	37.1
30243	Core	0.85	2.7	101	4.7	5.6	88	49.4
30244	Core	1.45	3.6	167	7.4	5.8	122	73.1
30245	Core	1.54	4.1	164	5.8	6.4	128	77.0
30246	Core	1.22	3.0	129	4.6	6.1	81	60.8
30247	Core	0.13	1.2	24	3.2	2.7	22	25.2
30248	Core	0.76	2.7	100	4.8	5.5	112	51.3
30249	Core	1.15	3.7	149	2.3	5.2	114	64.2
30250	Core	1.03	4.0	162	0.9	6.5	129	74.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30186	Core		0.27	6.44	629.6	388	1.60	0.17	0.04	0.83	44.45	6.4	186	4.04	31.6
30186 Dup			0.22	6.48	639.4	370	1.55	0.18	0.04	0.78	42.62	5.9	167	4.02	29.8
QCV1109-02852-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.83												916.4
30204	Core		0.20	3.00	34.1	161	0.57	0.09	0.18	0.12	32.98	5.3	177	2.04	11.9
30204 Dup			0.13	3.59	35.6	169	0.59	0.09	0.09	0.12	31.37	5.5	141	2.17	11.9
QCV1109-02852-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			65.10												979.7
30222	Core		0.58	2.78	188.7	113	0.39	0.07	0.03	1.42	26.86	2.3	179	1.54	8.9
30222 Dup			0.60	2.73	220.2	119	0.46	0.06	0.03	1.46	23.59	2.4	188	1.54	9.1
QCV1109-02852-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.09												1013.2
30240	Core		0.12	2.46	1152.4	99	0.61	0.04	0.17	0.41	18.68	3.5	196	3.04	14.6
30240 Dup			0.06	2.50	1198.0	93	0.45	0.03	0.16	0.32	19.05	3.1	203	2.87	14.0
QCV1109-02852-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-02852-0012-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.33		11.7	415	2.64	8.49		0.22	89.56	23.0		6.77	>10000
30186	Core	0.039													
30186 Dup		0.040													
30204	Core	0.008													
30204 Dup		0.009													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.257													
QCV1109-02853-0004-BLK		<0.005													
30222	Core	0.026													
30222 Dup		0.038													
30240	Core	1.101													
30240 Dup		1.062													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.400													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30186	Core	3.62	15.06	1.37	3.4	0.04	1.80	22.6	44.3	0.59	242	0.67	0.17	2.6	29.7
30186 Dup		3.60	14.63	1.21	3.4	0.04	1.80	21.8	41.3	0.59	235	0.60	0.17	2.0	21.6
QCV1109-02852-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30204	Core	2.38	7.99	<0.05	2.6	0.02	0.47	14.9	21.9	0.25	330	0.33	0.09	1.0	14.3
30204 Dup		1.63	8.31	<0.05	2.5	0.03	0.85	14.3	23.6	0.28	211	0.33	0.17	0.9	14.5
QCV1109-02852-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result														4.1	
30222	Core	0.97	5.24	0.09	2.0	0.03	0.80	11.7	11.1	0.05	113	0.46	0.06	0.7	5.8
30222 Dup		0.98	5.56	<0.05	2.1	0.03	0.76	10.7	11.0	0.05	118	0.48	0.06	0.6	6.0
QCV1109-02852-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result														3.7	
30240	Core	1.07	5.79	0.06	1.3	0.01	0.67	8.4	47.9	0.09	308	0.45	0.04	0.4	7.5
30240 Dup		1.07	5.69	<0.05	1.5	0.01	0.71	8.7	42.2	0.09	310	0.47	0.04	0.5	6.7
QCV1109-02852-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-02852-0012-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result						1.18		42.4	24.7			0.94		14.0	44.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30186	Core	279	33.5	100.8	<0.002	0.167	1.42	9.2	1.4	3.2	47.0	0.37	<0.05	16.0	0.060
30186 Dup		241	32.7	96.2	0.003	0.157	1.39	9.1	<1.0	3.2	44.6	0.34	<0.05	16.3	0.056
QCV1109-02852-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30204	Core	109	14.3	40.9	<0.002	0.021	0.53	3.8	<1.0	0.8	19.0	0.11	<0.05	12.2	0.037
30204 Dup		97	15.2	41.8	<0.002	0.024	0.54	4.1	<1.0	0.8	19.3	0.09	<0.05	12.8	0.027
QCV1109-02852-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30222	Core	<10	52.3	33.9	<0.002	<0.01	0.67	1.6	<1.0	2.2	14.9	0.11	<0.05	9.3	0.018
30222 Dup		<10	52.6	35.0	<0.002	<0.01	0.68	1.8	<1.0	2.2	14.8	0.11	<0.05	10.2	0.018
QCV1109-02852-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30240	Core	<10	14.9	32.4	<0.002	0.125	2.95	1.8	<1.0	1.7	34.2	0.07	<0.05	8.0	0.015
30240 Dup		<10	12.4	30.7	<0.002	0.135	2.85	2.0	<1.0	1.6	32.0	0.06	<0.05	9.0	0.017
QCV1109-02852-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-02852-0012-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.4	184.2	<0.002	1.309	2.49	14.3	13.6	21.9	34.5	1.19	<0.05		

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30186	Core	0.50	2.3	79	0.8	4.9	109	58.4
30186 Dup		0.53	2.3	79	0.8	4.7	104	54.2
QCV1109-02852-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30204	Core	0.22	1.5	51	0.4	3.9	44	49.2
30204 Dup		0.21	1.6	39	0.4	3.6	45	46.1
QCV1109-02852-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30222	Core	0.17	1.5	19	2.6	3.1	68	33.0
30222 Dup		0.18	1.5	19	2.0	3.0	72	32.9
QCV1109-02852-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30240	Core	0.16	1.1	25	1.7	2.1	53	25.1
30240 Dup		0.17	1.2	25	1.8	2.1	49	25.3
QCV1109-02852-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-02852-0012-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	3.4			25.7	179	112.3

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 28**
Client Reference: **Core 28**
Description: **3 ACE**

Date Received: 09/26/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	47	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30098	Core	0.013	0.36	>10	82.1	1008	4.11	0.40	0.38	0.07	69.65	21.1	130	9.62	65.5
30099	Core	0.168	0.22	4.54	483.7	227	1.33	0.11	0.89	0.44	32.90	10.5	173	2.41	29.5
30100	Core	0.029	0.19	8.14	456.6	519	2.49	0.21	0.77	0.13	22.45	13.9	182	5.27	39.7
30101	Core	0.005	0.12	8.62	23.4	547	2.29	0.20	0.45	<0.02	60.19	13.6	171	5.70	38.3
30102	Core	0.027	0.18	>10	38.0	808	3.05	0.43	0.46	0.05	72.40	20.6	132	7.88	65.6
30103	Core	0.059	0.22	>10	51.0	752	3.27	0.51	0.62	0.09	60.66	20.2	164	8.54	51.5
30104	Core	0.060	0.25	>10	62.0	688	3.38	0.54	0.29	0.26	72.98	19.6	151	9.73	64.8
30105	Core	0.041	0.27	>10	60.1	776	4.04	0.49	0.38	0.19	53.13	19.7	138	10.23	52.2
30106	Core	0.024	0.20	>10	50.7	756	3.47	0.50	0.52	0.06	58.41	20.1	132	10.44	54.3
30107	Reject	0.022	0.19	>10	52.9	775	3.34	0.50	1.08	0.05	34.67	22.8	168	11.15	62.6
30108	Pulp	7.199	0.57	3.46	916.6	172	0.87	0.66	>10	4.35	33.86	7.1	108	7.21	39.0
30109	Reject	0.019	0.18	>10	50.3	821	2.72	0.45	1.12	0.06	59.59	20.1	155	11.59	62.6
30110	Core	0.015	0.11	9.31	30.7	593	2.36	0.34	0.96	0.05	26.70	13.9	133	6.88	41.7
30111	Core	0.198	0.17	>10	75.3	852	3.87	0.48	1.20	0.11	28.29	21.8	145	9.73	52.4
30112	Core	0.022	0.19	>10	47.0	924	3.92	0.48	0.26	0.11	49.04	24.4	133	9.79	63.8
30113	Core	0.021	0.21	>10	25.4	929	4.34	0.44	0.17	0.13	71.95	23.2	116	9.79	58.8
30114	Core	0.014	0.21	>10	21.8	869	4.12	0.44	0.28	0.60	70.01	21.1	125	8.74	57.2
30115	Core	0.010	0.61	>10	21.6	669	2.33	0.34	0.15	0.06	51.37	16.5	106	6.80	43.4
30116	Core	0.408	0.20	6.38	157.0	380	1.94	0.19	0.67	0.10	46.09	12.0	157	4.26	30.5
30117	Core	0.027	0.13	5.14	19.3	291	1.57	0.21	0.47	<0.02	29.07	9.5	158	3.67	22.7
30118	Core	0.117	0.12	4.85	414.2	249	1.08	0.13	0.65	0.21	29.38	9.6	159	3.21	26.4
30119	Core	0.071	0.20	8.40	234.5	590	2.72	0.20	0.28	0.29	36.84	15.4	165	5.71	51.0
30120	Core	0.035	0.11	1.36	506.9	37	0.29	0.05	0.22	0.42	32.03	3.6	125	0.88	19.3
30121	Core	0.122	0.17	2.24	3044.3	53	0.41	0.05	0.39	0.39	26.44	3.7	134	1.20	16.9
30122	Core	0.300	0.11	1.96	2907.0	28	0.35	0.03	0.68	0.21	20.97	3.9	142	1.75	16.8
30123	Core	0.015	0.18	7.76	37.7	464	2.24	0.19	0.35	0.08	51.74	14.3	155	5.47	35.5
30124	Core	0.037	0.11	5.34	133.2	329	1.44	0.13	0.33	0.04	44.65	10.9	117	3.81	25.8
30125	Core	0.080	0.20	3.13	661.6	110	0.70	0.08	0.69	0.37	40.02	9.3	211	1.62	21.9
30126	Core	0.340	1.71	2.97	1390.5	162	0.87	0.23	0.71	11.73	25.84	9.9	189	2.33	39.3
30127	Core	0.278	0.46	>10	320.4	781	3.77	0.39	0.48	0.32	54.30	19.8	155	9.31	50.1
30128	Core	0.039	0.26	>10	59.7	890	4.15	0.43	0.14	0.10	57.01	23.4	127	9.76	55.6
30129	Core	0.014	0.32	>10	36.0	738	2.96	0.32	1.16	0.07	34.97	23.3	127	9.57	52.3
30130	Core	0.014	0.47	>10	34.4	694	2.46	0.24	2.62	<0.02	50.50	26.3	129	11.57	109.6
30131	Core	0.021	0.18	>10	30.9	588	2.59	0.26	0.54	0.04	46.94	18.8	123	5.89	40.8
30132	Core	0.018	0.70	4.54	17.4	222	1.20	0.08	0.70	0.05	32.67	7.7	139	2.63	23.6
30133	Core	0.006	0.22	5.73	19.8	336	1.45	0.08	0.64	0.11	51.01	7.8	134	3.61	27.2
30134	Core	0.026	0.33	4.37	114.8	240	0.99	0.12	0.16	0.12	18.72	8.9	173	2.57	21.3
30135	Core	0.017	0.05	1.39	571.2	23	0.16	0.04	0.21	0.20	22.11	2.1	98	0.44	16.0
30136	Core	0.015	0.05	1.01	91.9	18	0.18	0.04	0.27	<0.02	22.77	1.9	116	0.42	7.4
30137	Core	0.014	0.05	0.96	8.6	37	0.17	0.06	0.25	<0.02	19.66	2.8	172	0.48	7.5

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Certificate of Analysis

11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30138	Core	0.029	0.19	>10	35.7	764	3.68	0.37	0.22	0.09	29.66	20.3	127	7.79	53.4
30139	Core	0.013	0.14	>10	15.2	575	2.43	0.27	0.31	0.07	32.59	17.8	87	5.77	42.2
30140	Core	0.016	0.19	>10	21.3	585	2.42	0.29	0.76	0.08	26.03	19.2	160	6.64	47.3
30141	Core	0.019	0.22	8.16	22.0	451	2.13	0.24	0.15	0.51	31.91	15.1	151	4.85	46.9
30142	Core	0.034	0.30	7.29	49.4	418	2.40	0.19	0.22	0.07	37.19	11.6	147	4.25	53.9
30143	Reject	0.021	0.27	1.21	149.3	28	0.30	0.02	0.03	1.23	16.52	2.3	170	0.62	11.7
30144	Reject	0.032	0.18	1.06	153.3	29	0.21	0.02	0.03	0.64	15.91	2.3	110	0.63	14.2
30145	Core	<0.005	0.18	0.06	2.0	14	<0.05	0.01	>10	0.07	1.12	1.1	6	0.25	2.6
30146	Core	0.078	1.26	2.13	1449.9	79	0.39	0.06	0.13	6.30	17.91	3.4	167	1.17	19.2
30147	Core	1.869	0.34	1.59	1388.5	28	0.28	0.03	0.04	1.45	18.21	2.1	163	0.60	15.7
30148	Core	0.232	0.29	2.33	1653.1	118	0.74	0.08	0.05	0.57	32.68	8.3	174	1.37	20.9
30149	Core	0.043	0.46	1.40	307.4	36	0.30	0.03	0.03	0.48	22.57	2.7	144	0.74	13.0

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30098	Core	4.89	30.45	1.51	18.1	0.08	3.90	36.3	51.7	0.96	433	0.68	0.26	4.6	52.8
30099	Core	3.20	10.46	0.98	2.5	0.02	1.00	15.3	23.9	0.67	735	0.52	0.06	1.7	22.3
30100	Core	4.15	17.98	1.26	3.8	0.04	2.17	11.3	28.5	1.04	760	0.50	0.17	2.4	34.9
30101	Core	4.53	19.74	1.21	3.5	0.05	2.07	32.2	54.7	1.18	515	0.50	0.25	2.7	35.9
30102	Core	4.87	26.03	1.57	4.1	0.07	3.07	38.5	68.3	1.20	500	0.65	0.32	3.1	46.5
30103	Core	4.55	22.88	1.37	3.8	0.07	2.86	32.7	55.5	1.11	770	2.13	0.43	2.5	42.1
30104	Core	5.09	23.64	1.46	3.6	0.07	2.92	39.4	57.2	0.96	515	2.14	0.41	2.6	43.4
30105	Core	4.68	23.45	1.32	4.0	0.07	3.06	28.7	57.0	1.03	591	1.90	0.46	3.0	45.5
30106	Core	4.71	23.25	1.42	3.7	0.07	3.02	31.8	69.6	1.05	498	0.95	0.44	3.1	45.2
30107	Reject	5.12	25.12	1.51	3.3	0.07	2.86	19.8	157.3	1.20	823	1.31	0.41	2.4	52.3
30108	Pulp	1.40	6.31	0.12	3.3	0.05	1.27	19.5	8.6	0.81	299	11.11	<0.01	7.1	65.5
30109	Reject	4.86	24.20	1.45	4.1	0.06	2.92	32.7	147.1	1.19	812	1.08	0.41	3.2	46.9
30110	Core	4.02	20.14	0.83	3.3	0.05	2.41	15.0	45.8	1.06	757	0.99	0.31	2.7	34.7
30111	Core	4.42	30.24	1.45	3.6	0.07	3.01	15.6	60.5	1.04	657	0.85	0.29	2.3	50.4
30112	Core	5.30	29.47	1.83	4.0	0.07	3.23	26.6	79.9	1.16	321	0.72	0.35	2.8	55.1
30113	Core	4.96	29.57	1.74	3.8	0.07	3.49	37.9	85.2	1.17	317	0.62	0.44	3.0	51.1
30114	Core	5.02	30.21	1.83	4.4	0.07	3.12	36.8	93.8	1.27	300	0.72	0.34	3.3	49.3
30115	Core	4.51	22.48	1.43	4.4	0.06	2.73	28.7	60.2	1.07	267	0.58	0.23	3.0	40.2
30116	Core	3.13	15.69	1.20	3.5	0.04	1.66	23.6	59.2	0.80	469	0.60	0.37	2.0	26.3
30117	Core	2.60	12.07	1.08	2.6	0.02	1.28	14.4	29.4	0.62	358	0.47	0.29	1.6	21.0
30118	Core	2.60	11.42	1.20	2.5	0.02	1.25	14.0	23.5	0.65	433	0.49	0.46	1.3	19.7
30119	Core	3.35	22.89	1.61	3.7	0.05	2.68	19.1	33.8	0.59	407	0.68	0.17	2.4	35.4
30120	Core	0.95	2.91	1.13	1.3	0.01	0.25	13.8	6.5	0.11	232	0.79	0.02	0.5	7.6
30121	Core	1.14	3.72	0.99	1.4	0.01	0.37	11.6	6.4	0.23	270	0.55	0.43	0.6	10.5
30122	Core	1.38	2.89	1.02	1.2	<0.01	0.12	9.6	15.5	0.38	355	0.51	0.31	0.4	11.3
30123	Core	3.33	18.33	1.16	4.5	0.04	2.25	26.5	37.9	0.76	318	0.46	0.23	3.8	31.8
30124	Core	2.59	14.85	1.12	3.3	0.03	1.54	21.1	24.5	0.60	272	0.39	0.38	1.7	24.1
30125	Core	1.77	7.76	1.10	2.1	0.02	0.49	18.2	22.7	0.43	506	0.66	0.32	1.1	13.9
30126	Core	2.07	7.83	1.36	2.0	0.18	0.91	12.8	15.2	0.44	479	0.57	0.15	0.8	15.1
30127	Core	4.12	27.11	1.70	3.6	0.07	3.63	28.5	40.9	0.96	369	0.77	0.20	3.1	45.0
30128	Core	4.83	29.49	1.63	3.9	0.08	3.81	29.3	59.7	1.09	339	0.82	0.29	3.4	51.1
30129	Core	5.21	26.55	1.52	4.2	0.06	3.05	18.4	61.3	1.51	453	0.88	0.34	9.5	54.1
30130	Core	5.34	24.18	1.53	4.9	0.06	2.61	26.7	58.8	1.80	710	1.29	0.40	19.9	55.2
30131	Core	3.86	23.86	1.36	4.9	0.05	2.76	24.3	47.3	0.92	408	0.44	0.19	3.5	38.4
30132	Core	1.99	9.65	0.74	10.0	0.02	1.21	15.2	22.6	0.44	370	0.41	0.07	3.8	18.4
30133	Core	1.63	13.39	<0.05	3.7	0.03	1.93	23.1	13.9	0.41	296	0.45	0.11	1.8	15.3
30134	Core	1.61	10.06	0.70	2.5	0.02	1.29	8.7	22.8	0.26	198	0.61	0.08	1.6	32.7
30135	Core	0.66	2.59	<0.05	1.1	<0.01	0.12	9.1	7.2	0.09	197	0.49	0.01	0.5	5.0
30136	Core	0.61	1.78	<0.05	1.1	<0.01	0.09	9.1	8.4	0.11	202	0.42	0.01	0.8	4.4
30137	Core	1.07	2.22	<0.05	1.4	<0.01	0.12	8.0	5.9	0.14	246	0.56	0.01	0.6	7.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30138	Core	4.57	29.34	0.33	4.5	0.07	3.95	15.9	52.4	1.02	331	0.81	0.23	2.5	45.8
30139	Core	4.77	23.39	0.16	4.0	0.05	3.16	16.5	63.7	1.24	386	0.45	0.23	2.3	39.9
30140	Core	4.57	25.46	0.78	3.7	0.06	3.23	15.9	69.0	1.26	557	0.67	0.37	2.5	42.1
30141	Core	3.91	21.23	0.50	3.4	0.05	2.48	15.7	51.7	0.77	405	0.54	0.16	2.3	36.3
30142	Core	2.55	19.22	0.30	3.4	0.04	2.27	17.9	26.4	0.39	302	0.40	0.13	2.1	26.2
30143	Reject	0.53	1.89	0.07	1.0	0.02	0.23	7.0	4.0	0.03	92	0.46	0.01	0.6	5.3
30144	Reject	0.46	2.01	0.13	0.9	0.01	0.24	6.9	3.0	0.03	71	0.48	0.01	0.5	4.7
30145	Core	0.47	0.33	<0.05	<0.1	<0.01	0.02	0.6	0.6	>10	226	0.06	<0.01	0.2	<0.2
30146	Core	1.00	3.98	0.80	1.5	0.11	0.68	7.6	5.2	0.09	139	0.41	0.03	0.7	7.5
30147	Core	0.76	2.33	0.11	1.2	0.02	0.21	7.9	5.2	0.04	176	0.43	0.02	0.6	5.1
30148	Core	0.88	6.42	1.02	2.7	0.02	0.66	14.8	6.0	0.07	88	0.52	0.04	1.3	10.8
30149	Core	0.67	2.81	<0.05	1.2	<0.01	0.20	9.4	5.5	0.05	138	0.35	0.01	0.8	4.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30098	Core	1417	14.3	257.0	0.002	0.166	2.11	22.1	11.3	3.4	117.2	2.12	0.16	29.0	0.076
30099	Core	477	48.1	66.7	<0.002	0.890	1.26	6.1	9.8	1.4	55.3	0.36	<0.05	10.9	0.031
30100	Core	168	22.5	140.5	<0.002	0.866	1.68	11.1	9.5	2.1	86.4	0.45	<0.05	16.3	0.057
30101	Core	259	6.5	132.9	<0.002	0.084	1.00	12.4	1.1	1.9	102.6	0.43	<0.05	18.5	0.062
30102	Core	1756	22.4	194.2	<0.002	1.133	5.57	17.2	<1.0	2.5	143.4	0.51	0.16	19.5	0.088
30103	Core	225	44.4	182.2	0.003	2.440	10.53	15.7	1.2	2.4	171.8	0.43	0.16	17.4	0.068
30104	Core	246	59.4	184.1	0.007	3.562	12.82	16.4	2.8	2.4	165.6	0.42	0.17	18.7	0.069
30105	Core	223	55.0	193.5	0.003	2.768	14.53	17.3	2.8	2.5	193.4	0.50	0.15	17.3	0.081
30106	Core	263	38.3	186.8	<0.002	2.518	10.18	17.7	1.4	2.3	183.4	0.48	0.11	17.5	0.085
30107	Reject	190	32.7	198.3	0.005	2.146	8.54	16.2	2.1	3.1	221.2	0.44	0.09	17.1	0.061
30108	Pulp	4943	7.0	121.3	0.045	1.228	23.31	5.8	12.4	1.9	129.9	0.56	0.59	7.8	0.197
30109	Reject	217	31.4	195.5	<0.002	2.089	7.46	16.4	5.4	2.7	237.0	0.61	0.13	19.4	0.080
30110	Core	194	17.2	148.3	<0.002	0.991	4.26	12.3	<1.0	1.9	158.6	0.40	0.08	15.6	0.060
30111	Core	121	29.8	219.5	0.003	1.710	5.51	18.6	<1.0	2.9	215.3	0.53	0.09	17.6	0.072
30112	Core	894	32.0	230.5	<0.002	1.244	6.98	19.4	4.0	2.7	163.1	0.74	0.16	20.6	0.088
30113	Core	243	32.6	231.1	<0.002	1.248	6.08	19.0	1.9	2.7	177.2	0.69	<0.05	21.3	0.102
30114	Core	516	57.4	209.4	<0.002	0.710	3.86	19.3	4.4	2.7	151.5	0.59	0.06	21.7	0.092
30115	Core	283	18.8	183.3	<0.002	0.437	2.73	15.3	4.5	2.1	92.7	0.60	<0.05	19.8	0.093
30116	Core	137	22.7	100.0	<0.002	0.340	1.51	9.1	1.0	1.6	94.4	0.30	<0.05	16.4	0.059
30117	Core	123	22.1	83.9	0.003	0.253	1.54	6.9	10.9	1.3	66.1	0.24	<0.05	13.5	0.041
30118	Core	99	36.1	76.6	<0.002	0.327	1.48	6.0	5.8	1.5	69.3	0.16	<0.05	12.7	0.034
30119	Core	133	26.6	165.2	<0.002	0.805	1.90	12.2	<1.0	2.8	59.9	0.34	<0.05	18.4	0.068
30120	Core	202	30.6	15.1	<0.002	0.411	1.41	1.2	12.1	3.9	17.3	<0.05	<0.05	6.7	0.012
30121	Core	59	65.3	20.3	<0.002	0.477	2.91	1.4	8.2	4.8	37.6	0.07	<0.05	9.0	0.012
30122	Core	42	11.1	8.3	<0.002	0.511	2.65	1.2	22.9	1.0	60.1	<0.05	<0.05	7.2	0.008
30123	Core	166	20.0	146.9	<0.002	0.321	2.00	11.0	1.6	1.9	56.6	0.43	<0.05	20.1	0.086
30124	Core	171	10.0	94.2	0.002	0.337	1.44	7.2	18.5	1.7	54.1	0.24	<0.05	14.5	0.050
30125	Core	207	40.4	30.8	<0.002	0.414	1.90	3.5	7.4	1.7	60.6	0.12	<0.05	11.6	0.022
30126	Core	37	991.9	57.8	<0.002	1.333	3.41	3.5	5.3	7.1	61.9	0.10	<0.05	10.5	0.021
30127	Core	222	59.0	235.2	<0.002	1.867	5.18	17.2	1.7	3.4	108.8	0.51	<0.05	19.0	0.092
30128	Core	362	32.1	256.0	<0.002	1.172	6.32	21.1	2.4	3.0	116.7	0.61	<0.05	18.4	0.112
30129	Core	626	22.6	209.5	<0.002	0.593	3.13	18.2	2.9	2.8	187.8	0.94	<0.05	16.7	0.225
30130	Core	1059	23.5	158.1	<0.002	0.477	3.11	17.2	4.2	10.5	364.5	1.47	<0.05	17.4	0.447
30131	Core	177	25.2	180.0	0.002	0.432	2.19	13.5	2.9	2.6	86.5	0.55	<0.05	24.0	0.096
30132	Core	96	11.7	74.4	<0.002	0.322	1.15	5.7	<1.0	1.7	55.1	0.70	0.10	17.2	0.032
30133	Core	111	11.2	108.5	0.002	0.161	0.89	6.2	<1.0	2.3	68.1	0.34	<0.05	19.5	0.042
30134	Core	150	19.2	79.4	<0.002	0.259	1.69	4.9	1.5	2.6	34.2	0.23	<0.05	11.5	0.029
30135	Core	65	10.9	7.0	<0.002	0.179	0.73	1.0	1.0	1.5	14.2	0.07	<0.05	5.8	0.010
30136	Core	79	5.5	5.3	<0.002	0.108	0.58	0.8	1.2	0.6	15.6	0.07	<0.05	6.0	0.010
30137	Core	106	6.2	7.3	<0.002	0.271	0.81	1.0	1.7	0.3	13.6	0.09	<0.05	6.9	0.010

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30138	Core	282	23.3	229.3	<0.002	0.639	3.43	18.3	1.8	2.4	84.8	0.83	<0.05	18.5	0.081
30139	Core	392	20.8	168.7	<0.002	0.467	3.69	15.3	1.2	0.4	76.5	0.68	<0.05	17.6	0.072
30140	Core	180	32.7	182.9	<0.002	0.566	3.70	15.6	1.4	2.2	108.5	0.53	<0.05	18.5	0.074
30141	Core	274	75.2	141.9	0.002	0.449	1.95	10.6	<1.0	2.0	68.7	0.45	<0.05	15.7	0.074
30142	Core	599	25.8	131.8	<0.002	0.486	1.56	9.9	<1.0	1.7	52.4	0.36	<0.05	18.0	0.060
30143	Reject	46	129.7	11.7	<0.002	0.238	0.69	0.6	1.1	3.1	5.9	0.10	<0.05	4.9	0.013
30144	Reject	60	66.6	11.9	<0.002	0.209	0.65	0.7	<1.0	3.6	6.4	0.08	<0.05	5.0	0.011
30145	Core	182	2.8	0.9	<0.002	<0.01	<0.05	0.2	1.6	0.2	45.6	<0.05	<0.05	0.9	<0.005
30146	Core	313	727.5	33.3	<0.002	0.636	2.50	1.8	<1.0	9.5	14.1	0.11	<0.05	8.6	0.019
30147	Core	35	151.2	10.5	<0.002	0.350	1.88	1.1	<1.0	3.0	5.7	0.08	<0.05	7.2	0.014
30148	Core	118	68.4	34.8	<0.002	0.519	2.30	3.1	1.0	2.4	13.5	0.15	<0.05	14.3	0.034
30149	Core	34	38.1	12.0	<0.002	0.192	0.76	1.0	1.3	1.2	7.6	0.10	<0.05	5.7	0.016

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30098	Core	1.19	4.6	155	4.9	9.1	114	97.0
30099	Core	0.30	1.4	57	5.7	4.7	89	52.5
30100	Core	0.71	2.7	105	4.4	5.8	82	65.7
30101	Core	0.63	2.8	109	3.4	6.4	94	68.8
30102	Core	0.87	3.6	137	2.0	8.9	116	82.8
30103	Core	0.94	3.4	124	2.3	7.0	86	75.0
30104	Core	0.92	3.6	127	1.4	7.1	120	72.0
30105	Core	0.93	3.6	130	1.8	6.4	108	79.1
30106	Core	0.92	3.4	133	2.0	6.0	106	74.8
30107	Reject	0.93	3.3	138	2.0	6.2	113	69.0
30108	Pulp	14.04	8.1	449	36.5	27.7	259	73.7
30109	Reject	0.98	3.4	135	2.4	6.7	111	76.7
30110	Core	0.75	2.9	109	1.9	5.4	96	64.8
30111	Core	1.00	3.6	147	6.3	6.4	95	73.3
30112	Core	1.22	4.1	172	2.6	7.2	124	77.1
30113	Core	1.17	3.9	165	1.3	5.8	121	75.5
30114	Core	1.05	4.3	159	1.5	7.9	166	94.7
30115	Core	0.88	3.8	146	1.6	6.6	108	79.3
30116	Core	0.47	2.6	89	2.1	5.8	71	74.8
30117	Core	0.41	2.1	69	1.0	4.1	58	51.4
30118	Core	0.33	1.8	66	1.0	4.7	70	53.8
30119	Core	0.73	2.8	110	2.6	6.4	106	79.2
30120	Core	0.11	1.0	13	1.0	3.0	42	30.0
30121	Core	0.09	0.8	16	0.7	2.4	50	28.1
30122	Core	0.03	0.8	18	0.6	2.2	42	29.7
30123	Core	0.63	3.1	102	1.5	6.9	87	93.0
30124	Core	0.42	2.4	75	1.0	5.5	62	72.9
30125	Core	0.14	1.6	37	1.7	4.4	62	58.2
30126	Core	0.25	1.2	41	2.3	3.8	763	41.0
30127	Core	1.14	3.2	146	4.5	6.4	133	84.0
30128	Core	1.15	4.1	176	1.8	5.8	129	80.3
30129	Core	0.99	3.4	176	1.0	6.9	123	85.8
30130	Core	0.71	2.9	183	0.9	10.4	110	117.3
30131	Core	0.90	3.8	127	1.7	7.4	95	93.5
30132	Core	0.28	1.4	51	1.5	4.5	43	49.4
30133	Core	0.49	2.0	63	2.2	5.9	42	64.3
30134	Core	0.36	1.5	48	1.4	3.8	45	46.9
30135	Core	<0.02	0.7	11	0.7	2.1	26	24.3
30136	Core	<0.02	0.9	10	0.4	2.1	13	24.6
30137	Core	<0.02	1.1	12	0.7	2.4	20	24.6

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Certificate of Analysis

11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30138	Core	1.01	3.8	161	1.5	5.8	101	82.7
30139	Core	0.78	3.3	143	0.6	5.8	110	77.1
30140	Core	0.85	3.2	143	0.6	7.2	100	82.1
30141	Core	0.64	2.7	109	1.7	7.6	143	68.9
30142	Core	0.57	2.6	88	2.6	6.5	62	72.3
30143	Reject	0.03	0.5	9	1.3	1.6	93	20.4
30144	Reject	0.02	0.6	9	6.0	1.8	54	19.5
30145	Core	<0.02	0.6	259	0.1	0.8	21	0.9
30146	Core	0.16	1.0	19	2.2	2.5	416	28.7
30147	Core	0.04	0.7	10	1.4	2.3	112	26.8
30148	Core	0.15	1.5	34	2.3	4.1	54	58.9
30149	Core	0.03	0.6	13	1.1	2.2	51	28.1

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30098	Core		0.36	>10	82.1	1008	4.11	0.40	0.38	0.07	69.65	21.1	130	9.62	65.5
30098 Dup			0.35	>10	83.1	1030	3.81	0.42	0.39	0.09	88.38	20.8	129	9.63	65.1
QCV1109-02690-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.65												1025.9
30116	Core		0.20	6.38	157.0	380	1.94	0.19	0.67	0.10	46.09	12.0	157	4.26	30.5
30116 Dup			0.17	6.71	163.7	441	1.88	0.17	0.68	0.12	41.84	13.2	176	4.74	31.7
QCV1109-02690-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.21												933.9
30134	Core		0.33	4.37	114.8	240	0.99	0.12	0.16	0.12	18.72	8.9	173	2.57	21.3
30134 Dup			0.17	4.30	107.9	242	1.12	0.12	0.15	0.06	22.26	8.6	119	2.56	19.1
QCV1109-02690-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.87												972.5
QCV1109-02690-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.67		9.7	411	2.51	8.11		0.19	83.30	22.0		6.36	>10000
30098	Core	0.013													
30098 Dup		0.014													
30116	Core	0.408													
30116 Dup		0.409													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.398													
QCV1109-02691-0004-BLK		<0.005													
30134	Core	0.026													
30134 Dup		0.032													
QCV1109-02691-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.916													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30098	Core	4.89	30.45	1.51	18.1	0.08	3.90	36.3	51.7	0.96	433	0.68	0.26	4.6	52.8
30098 Dup		4.84	31.05	1.56	6.8	0.09	4.00	46.2	55.6	0.99	429	0.88	0.27	4.1	54.0
QCV1109-02690-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30116	Core	3.13	15.69	1.20	3.5	0.04	1.66	23.6	59.2	0.80	469	0.60	0.37	2.0	26.3
30116 Dup		3.18	16.43	1.33	3.7	0.04	1.74	20.6	60.2	0.82	484	0.65	0.39	2.7	30.8
QCV1109-02690-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30134	Core	1.61	10.06	0.70	2.5	0.02	1.29	8.7	22.8	0.26	198	0.61	0.08	1.6	32.7
30134 Dup		1.59	9.97	0.12	2.8	0.02	1.27	16.8	23.6	0.27	194	0.37	0.08	1.6	15.5
QCV1109-02690-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result								13.7							
QCV1109-02690-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.55		5.8	1.09		41.1	23.5			0.79		15.2	41.7

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30098	Core	1417	14.3	257.0	0.002	0.166	2.11	22.1	11.3	3.4	117.2	2.12	0.16	29.0	0.076
30098 Dup		1473	15.8	251.0	0.004	0.168	2.13	21.6	13.8	3.3	114.2	1.29	0.09	26.8	0.094
QCV1109-02690-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30116	Core	137	22.7	100.0	<0.002	0.340	1.51	9.1	1.0	1.6	94.4	0.30	<0.05	16.4	0.059
30116 Dup		104	23.8	115.5	<0.002	0.353	1.68	10.2	2.1	1.9	104.4	0.31	<0.05	16.3	0.057
QCV1109-02690-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30134	Core	150	19.2	79.4	<0.002	0.259	1.69	4.9	1.5	2.6	34.2	0.23	<0.05	11.5	0.029
30134 Dup		102	11.9	75.9	<0.002	0.251	1.58	5.5	1.3	1.5	33.2	0.32	<0.05	13.5	0.044
QCV1109-02690-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1109-02690-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.2	190.0	<0.002	1.393	2.88	12.6	14.2	20.3	32.6	1.45	<0.05		

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11-360-07354-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30098	Core	1.19	4.6	155	4.9	9.1	114	97.0
30098 Dup		1.20	4.7	158	5.0	9.3	113	98.9
QCV1109-02690-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30116	Core	0.47	2.6	89	2.1	5.8	71	74.8
30116 Dup		0.48	2.6	90	2.3	6.5	78	80.3
QCV1109-02690-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30134	Core	0.36	1.5	48	1.4	3.8	45	46.9
30134 Dup		0.32	1.7	48	1.4	4.4	33	51.6
QCV1109-02690-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1109-02690-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.66	3.1			24.8	187	117.7

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11-360-07357-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 29**
Client Reference: **Core 29**
Description: **3 ACE**

Date Received: 09/27/2011
Date Completed: 10/26/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	52	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30044	Core	0.188	0.58	2.39	508.1	109	0.86	0.04	0.14	0.22	22.22	3.2	178	1.88	17.8
30045	Core	0.256	1.60	2.65	1373.0	101	0.89	0.05	0.09	0.33	33.25	3.5	199	1.98	11.8
30046	Core	0.630	2.55	2.64	1607.9	112	0.70	3.99	0.07	8.29	23.27	6.3	157	3.51	20.7
30047	Core	0.146	1.54	2.51	463.6	103	0.66	0.20	0.07	0.80	22.94	3.6	185	2.72	15.8
30048	Core	0.045	1.91	2.22	404.1	102	0.41	0.29	0.06	1.71	29.90	3.1	183	1.97	11.1
30049	Core	0.122	2.54	2.23	449.2	108	0.46	0.31	0.05	1.39	24.16	3.7	215	2.62	16.8
30050	Core	0.096	0.59	2.29	2222.7	103	0.36	0.26	0.10	7.00	19.47	3.7	202	3.13	16.3
30051	Core	3.641	0.65	2.51	4279.7	105	0.64	0.26	0.04	1.45	23.81	4.8	168	4.49	23.1
30052	Core	0.096	1.22	1.90	468.0	67	0.55	0.03	0.05	0.39	22.43	2.6	162	2.55	12.5
30053	Core	0.083	0.80	2.37	671.1	80	0.62	0.06	0.04	0.31	23.90	2.9	163	1.94	11.0
30054	Core	0.092	0.75	2.77	175.3	110	0.58	0.04	0.15	0.58	22.43	4.3	142	2.90	11.9
30055	Core	0.113	0.55	2.71	136.0	100	0.79	0.04	0.28	1.27	34.29	4.5	138	2.49	13.4
30056	Core	0.066	1.08	2.31	391.2	81	0.46	0.05	0.08	0.64	25.24	3.8	171	1.79	17.6
30057	Core	0.065	1.29	2.37	55.2	87	0.44	0.10	0.14	0.41	23.47	3.2	175	2.19	11.7
30058	Core	0.090	0.56	3.18	78.3	156	0.88	0.05	0.54	0.35	20.50	5.4	161	3.82	16.1
30059	Core	0.161	0.32	2.79	93.9	129	0.56	0.07	0.20	0.30	28.08	4.6	174	3.25	17.6
30060	Core	0.052	0.31	2.74	96.7	119	0.66	0.04	0.38	0.26	25.78	3.6	124	3.74	11.3
30061	Core	0.009	0.48	2.46	23.3	118	0.50	0.05	0.29	0.12	28.16	3.2	149	3.18	12.5
30062	Core	0.022	1.32	2.46	37.8	108	0.56	0.07	0.45	0.17	31.74	3.2	153	2.94	10.5
30063	Core	0.036	1.70	2.18	180.1	97	0.51	0.43	0.49	5.44	25.15	2.7	187	2.47	12.9
30064	Core	0.041	0.35	1.86	796.5	70	0.47	0.03	0.56	0.10	24.49	3.5	155	1.93	11.4
30065	Core	0.077	0.73	1.77	1191.5	56	0.36	0.14	0.55	3.05	21.52	3.0	186	1.36	14.7
30066	Core	0.045	0.43	2.19	131.7	99	0.61	0.34	0.44	1.25	25.98	4.2	160	2.83	19.1
30067	Core	0.073	0.58	>10	360.8	1145	4.54	0.36	0.29	0.41	47.25	21.1	225	13.49	43.1
30068	Core	0.111	0.63	2.51	1213.0	115	0.67	0.31	0.58	2.00	30.24	4.7	178	2.84	25.4
30069	Core	0.054	0.28	2.64	1993.6	74	0.37	0.06	0.72	1.27	30.87	4.3	145	1.97	20.0
30070	Core	0.047	1.39	2.38	1150.1	68	0.55	0.04	0.63	4.15	26.28	4.2	181	1.90	26.4
30071	Reject	0.139	1.29	3.79	2865.1	77	0.74	0.04	0.92	1.26	29.75	6.3	150	2.46	26.4
30072	Reject	0.151	0.57	3.85	2457.8	83	0.73	0.04	0.83	3.05	33.45	8.4	146	2.69	36.1
30073	Core	<0.005	1.34	0.08	3.2	21	0.15	0.02	>10	0.08	1.51	1.6	11	0.37	2.7
30074	Core	1.433	0.54	7.96	2733.4	492	2.39	0.25	0.59	0.36	39.36	11.7	161	8.29	30.4
30075	Core	0.420	0.34	2.13	1710.9	70	0.63	0.05	0.61	1.53	25.29	3.9	197	2.31	14.0
30076	Core	0.376	1.32	2.07	3008.6	51	0.56	0.05	0.43	0.11	25.53	3.5	192	1.99	10.7
30077	Core	0.590	1.31	2.55	2591.7	54	0.77	0.08	0.77	0.49	30.04	4.5	190	2.39	16.0
30078	Core	0.331	0.36	2.02	2051.1	48	0.58	0.05	0.36	0.46	25.05	3.0	74	1.66	15.7
30079	Core	1.356	0.36	2.23	3780.5	67	0.72	0.06	0.08	0.11	15.86	2.8	136	2.38	11.7
30080	Core	0.786	0.25	2.14	2647.9	55	0.43	0.11	0.04	0.96	14.28	5.5	96	1.98	19.3
30081	Core	0.260	0.56	0.24	607.7	7	0.12	0.02	0.04	0.06	4.24	0.7	25	0.46	2.8
30082	Core	1.708	0.59	7.76	1327.3	532	2.33	0.32	0.72	0.50	34.95	13.9	177	10.13	33.6
30083	Core	0.297	0.18	5.03	232.5	303	1.61	0.12	0.59	0.38	30.99	6.5	130	5.44	28.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30084	Core	0.585	0.22	7.95	649.7	486	2.58	0.17	0.63	0.20	21.73	14.6	135	8.09	38.6
30085	Core	0.240	0.36	>10	307.9	709	3.45	0.17	0.32	0.29	22.28	16.2	118	12.10	48.0
30086	Core	1.820	0.66	2.19	2267.0	85	0.68	0.57	0.46	2.93	25.21	4.0	58	2.33	13.0
30087	Core	1.243	0.23	3.08	2536.2	131	1.08	0.06	0.73	0.80	26.97	5.0	148	4.30	14.1
30088	Core	1.393	0.33	1.64	1612.1	52	0.35	0.05	0.42	1.09	17.30	3.2	176	2.14	9.5
30089	Core	8.678	2.12	2.18	4456.2	82	0.53	0.10	0.28	3.96	18.90	3.4	132	2.21	16.1
30090	Core	0.143	0.36	2.12	1904.2	78	0.66	0.03	0.43	2.46	27.42	3.2	120	1.69	13.5
30091	Core	0.140	0.26	2.41	1584.9	103	0.52	0.07	0.51	2.92	22.80	3.7	78	2.27	17.2
30092	Core	0.111	0.20	2.58	1213.8	107	0.56	0.08	0.52	0.93	29.17	5.0	130	1.88	17.3
30093	Core	0.120	0.17	1.69	788.2	56	0.38	0.05	0.44	0.50	20.65	3.0	126	1.05	15.5
30094	Core	0.127	0.18	3.46	2198.6	187	1.10	0.09	0.52	0.75	23.51	6.4	153	2.31	22.5
30095	Core	0.101	0.29	7.60	326.1	396	1.73	0.21	0.30	0.14	35.41	11.8	138	4.46	33.0
30096	Core	0.176	0.30	>10	556.3	759	3.47	0.31	0.56	0.46	31.22	16.8	165	8.47	48.0
30097	Core	0.109	0.34	5.31	671.0	301	1.33	0.08	0.54	0.38	21.38	8.6	161	2.83	22.9

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Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 8-374

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30044	Core	0.84	6.57	1.61	1.2	0.01	0.63	11.1	21.0	0.08	385	0.50	0.03	4.5	10.8
30045	Core	1.43	7.41	1.44	1.2	0.01	0.64	16.2	20.3	0.10	782	0.43	0.04	5.2	8.7
30046	Core	2.45	7.44	1.40	1.1	0.16	0.81	11.6	24.2	0.12	686	0.73	0.03	3.3	14.7
30047	Core	0.86	5.93	1.17	1.1	0.02	0.77	11.3	39.9	0.06	197	0.33	0.03	3.2	7.5
30048	Core	0.73	5.40	1.18	1.1	0.04	0.79	13.9	14.6	0.09	189	0.43	0.03	2.3	6.9
30049	Core	0.74	5.52	1.47	1.0	0.03	0.86	11.7	49.9	0.09	155	0.40	0.03	2.1	6.7
30050	Core	0.80	6.65	1.29	1.1	0.12	0.84	9.5	59.5	0.09	114	0.61	0.03	1.7	7.9
30051	Core	1.31	7.59	1.73	0.7	0.04	0.70	12.3	92.4	0.09	153	0.52	0.03	1.6	10.1
30052	Core	0.69	4.83	1.35	0.7	0.01	0.45	10.7	24.7	0.08	174	0.44	0.02	1.2	6.8
30053	Core	0.80	5.53	1.20	0.9	0.01	0.50	10.8	9.7	0.09	191	0.36	0.02	1.2	7.3
30054	Core	0.81	6.00	1.14	1.0	0.01	0.78	10.8	8.5	0.12	180	0.28	0.03	1.3	7.2
30055	Core	1.20	5.84	1.05	1.2	0.01	0.61	16.9	4.1	0.14	572	0.37	0.03	1.5	9.6
30056	Core	1.00	4.92	1.19	0.9	0.01	0.50	11.8	2.0	0.07	413	0.34	0.02	1.3	7.7
30057	Core	1.03	4.94	1.14	1.0	<0.01	0.54	11.2	0.4	0.13	321	0.37	0.02	1.0	7.1
30058	Core	1.29	7.93	1.14	1.0	0.02	0.96	10.5	10.0	0.23	404	0.31	0.04	1.2	11.1
30059	Core	1.06	6.61	1.06	1.1	0.01	0.78	13.6	29.6	0.13	301	0.43	0.04	1.2	11.0
30060	Core	1.01	5.97	1.07	1.2	0.01	0.79	12.6	88.0	0.21	297	0.30	0.04	1.1	8.0
30061	Core	1.02	5.68	0.93	1.1	0.01	0.70	13.7	32.1	0.22	255	0.39	0.04	0.9	8.1
30062	Core	0.99	5.55	1.14	1.2	0.01	0.60	14.9	3.8	0.24	224	0.36	0.27	1.8	7.5
30063	Core	1.03	4.93	1.23	0.8	0.10	0.67	12.2	<0.2	0.22	333	0.34	0.17	0.6	6.8
30064	Core	0.98	4.75	0.97	0.8	<0.01	0.41	12.7	<0.2	0.23	309	0.47	0.03	0.4	7.9
30065	Core	1.07	3.78	1.02	0.7	0.06	0.36	10.1	<0.2	0.20	448	0.38	0.02	0.4	5.8
30066	Core	1.47	5.02	1.19	1.0	0.03	0.64	12.3	3.1	0.26	412	0.35	0.03	0.7	10.9
30067	Core	1.80	41.75	1.77	5.4	0.08	5.60	25.5	9.9	0.42	257	0.87	0.28	8.1	29.1
30068	Core	1.65	6.04	1.51	1.2	0.05	0.79	15.4	<0.2	0.26	463	0.37	0.03	1.0	10.2
30069	Core	1.16	5.16	1.38	1.0	0.03	0.50	15.5	<0.2	0.31	576	0.50	0.30	0.9	10.2
30070	Core	1.03	4.16	1.52	0.9	0.08	0.59	12.5	<0.2	0.27	576	0.36	0.13	0.8	7.5
30071	Reject	1.30	6.39	1.20	1.1	0.03	0.49	15.4	8.3	0.37	676	0.33	0.79	0.9	9.6
30072	Reject	1.24	6.66	1.43	1.2	0.06	0.52	16.4	8.7	0.35	601	0.33	0.77	1.1	9.9
30073	Core	0.44	0.37	<0.05	<0.1	0.01	0.04	1.3	<0.2	>10	205	0.06	<0.01	0.8	8.9
30074	Core	3.44	20.45	1.23	1.8	0.05	2.67	22.0	91.7	0.74	521	0.52	0.22	2.4	26.1
30075	Core	1.12	5.26	1.51	0.9	0.04	0.42	13.2	115.2	0.23	390	0.41	0.02	0.6	8.4
30076	Core	1.02	4.23	1.36	0.7	<0.01	0.28	13.1	168.0	0.18	288	0.45	0.02	1.8	8.2
30077	Core	1.27	4.22	1.31	1.0	0.02	0.30	15.4	39.5	0.24	687	0.44	0.02	0.6	8.6
30078	Core	0.86	3.60	0.26	1.0	0.01	0.26	13.2	10.8	0.13	289	0.45	0.01	0.5	7.0
30079	Core	0.85	4.36	1.15	0.9	<0.01	0.36	8.1	13.4	0.05	107	0.42	0.02	0.8	8.4
30080	Core	0.99	3.81	1.10	0.8	0.03	0.29	7.3	14.1	0.03	23	0.97	0.02	1.1	6.9
30081	Core	0.39	1.19	<0.05	0.4	<0.01	0.03	1.8	16.0	0.01	59	0.15	<0.01	<0.1	15.7
30082	Core	3.28	18.32	1.23	1.6	0.07	2.79	21.1	56.2	0.69	576	0.59	0.14	2.4	29.0
30083	Core	2.95	11.83	0.61	1.2	0.04	1.64	17.6	96.4	0.62	571	0.44	0.09	1.4	22.1

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Certificate of Analysis

11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30084	Core	3.86	20.33	1.06	1.8	0.05	2.62	12.3	58.0	0.74	666	0.42	0.16	1.9	33.1
30085	Core	4.70	27.71	0.91	2.8	0.07	3.98	13.1	43.1	0.89	696	0.44	0.23	2.7	44.2
30086	Core	1.72	4.91	1.26	0.7	0.07	0.57	12.8	2.2	0.23	395	0.45	0.03	0.5	8.2
30087	Core	1.58	7.88	1.62	1.0	0.03	0.86	13.8	<0.2	0.30	574	0.45	0.04	0.5	10.8
30088	Core	0.97	3.46	1.35	0.6	0.03	0.36	9.0	0.8	0.16	453	0.40	0.02	0.3	7.2
30089	Core	1.50	4.88	1.12	0.6	0.07	0.69	10.5	<0.2	0.16	279	0.48	0.06	0.6	9.0
30090	Core	1.11	4.01	1.04	0.8	0.04	0.61	13.7	<0.2	0.20	312	0.45	0.03	0.4	7.3
30091	Core	1.32	5.36	1.10	0.9	0.06	0.71	11.6	<0.2	0.23	480	0.33	0.04	0.6	9.2
30092	Core	1.18	5.52	0.96	1.0	0.03	0.74	14.0	<0.2	0.19	465	0.46	0.04	0.6	8.9
30093	Core	0.90	3.27	0.77	0.6	0.02	0.40	10.9	5.5	0.15	499	0.36	0.02	0.4	6.4
30094	Core	2.21	8.60	0.98	1.1	0.03	1.13	12.8	19.8	0.35	487	0.50	0.06	0.8	17.5
30095	Core	4.49	17.49	1.25	2.2	0.04	2.07	19.8	32.7	0.94	448	0.50	0.27	2.5	29.7
30096	Core	4.63	26.84	1.59	2.4	0.07	3.83	18.9	19.0	0.82	604	0.59	0.20	2.8	42.7
30097	Core	2.76	12.48	1.06	1.5	0.03	1.52	11.4	17.8	0.46	688	0.44	0.08	1.4	20.7

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11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30044	Core	704	13.8	37.7	<0.002	0.121	1.94	2.9	1.5	1.9	17.2	0.95	<0.05	7.5	0.015
30045	Core	229	14.0	38.3	<0.002	0.221	2.65	4.4	<1.0	0.9	18.0	0.28	<0.05	8.6	0.019
30046	Core	155	419.2	44.6	<0.002	1.637	10.33	3.4	1.1	3.2	39.0	0.22	0.05	6.7	0.018
30047	Core	208	42.6	40.6	<0.002	0.536	1.48	2.1	<1.0	2.6	23.9	0.20	<0.05	7.9	0.020
30048	Core	200	74.1	41.1	<0.002	0.262	1.28	1.7	<1.0	5.3	13.1	0.17	<0.05	7.9	0.017
30049	Core	144	251.9	45.0	<0.002	0.338	1.51	1.7	1.3	6.8	15.2	0.15	<0.05	7.1	0.015
30050	Core	352	83.8	45.9	<0.002	0.416	3.36	1.6	2.1	6.7	22.9	0.16	<0.05	8.1	0.014
30051	Core	155	83.9	46.1	<0.002	0.865	5.32	2.5	1.5	2.5	42.0	0.13	0.08	6.4	0.015
30052	Core	101	16.3	30.4	<0.002	0.253	1.32	1.6	1.4	1.5	28.6	0.08	<0.05	5.5	0.014
30053	Core	92	48.9	31.4	<0.002	0.210	1.16	1.8	<1.0	1.0	18.0	0.09	<0.05	5.7	0.017
30054	Core	87	22.5	46.3	<0.002	0.332	0.69	2.2	<1.0	1.3	27.3	0.12	<0.05	6.7	0.018
30055	Core	97	17.4	38.4	<0.002	0.324	0.69	2.5	<1.0	1.1	29.0	0.13	<0.05	10.4	0.021
30056	Core	76	24.1	29.4	<0.002	0.367	1.06	2.0	1.1	2.0	12.8	0.10	<0.05	7.0	0.017
30057	Core	86	34.5	33.6	<0.002	0.256	0.70	1.9	<1.0	0.9	17.4	0.08	<0.05	8.2	0.014
30058	Core	277	20.6	63.0	<0.002	0.493	0.73	3.0	<1.0	1.4	45.5	0.12	<0.05	7.6	0.016
30059	Core	108	19.4	49.4	<0.002	0.396	0.69	2.4	<1.0	1.5	25.6	0.10	<0.05	7.9	0.020
30060	Core	82	8.9	45.6	0.004	0.232	0.60	2.1	<1.0	0.9	38.4	0.10	<0.05	7.4	0.021
30061	Core	79	17.0	40.8	<0.002	0.096	0.39	1.8	<1.0	1.1	29.8	0.08	<0.05	7.2	0.019
30062	Core	77	21.9	38.6	<0.002	0.206	0.53	1.8	<1.0	1.0	38.0	0.11	0.08	8.5	0.021
30063	Core	92	193.5	38.9	<0.002	0.382	0.93	1.5	<1.0	4.9	33.6	<0.05	<0.05	7.4	0.014
30064	Core	76	11.3	26.5	<0.002	0.270	1.14	1.7	1.4	1.0	37.6	<0.05	0.06	8.2	0.011
30065	Core	222	50.7	20.3	<0.002	0.389	1.66	1.3	<1.0	1.9	32.1	<0.05	<0.05	5.3	0.010
30066	Core	91	81.1	40.7	<0.002	0.549	0.76	1.6	<1.0	3.5	35.7	0.06	<0.05	6.7	0.016
30067	Core	299	24.6	307.3	0.002	0.755	2.50	19.6	1.4	5.4	104.6	0.93	0.23	31.4	0.169
30068	Core	176	167.8	49.3	0.003	0.991	1.97	2.0	1.6	6.2	41.0	0.09	<0.05	9.3	0.020
30069	Core	68	80.6	28.8	<0.002	0.539	2.33	2.1	1.0	4.2	52.6	0.06	<0.05	7.6	0.018
30070	Core	70	303.8	33.7	<0.002	0.480	1.83	1.5	1.4	8.7	36.8	0.07	<0.05	6.2	0.016
30071	Reject	72	96.3	27.9	0.003	0.602	3.09	2.2	1.4	4.5	85.3	0.10	0.15	8.4	0.017
30072	Reject	92	260.8	29.2	0.002	0.563	3.26	2.2	<1.0	6.3	80.2	0.10	0.08	8.9	0.018
30073	Core	137	3.5	1.8	0.005	<0.01	<0.05	0.2	2.0	0.2	53.6	0.06	0.18	<0.2	<0.005
30074	Core	180	32.1	142.4	0.002	0.895	4.15	9.3	1.1	2.2	72.9	0.25	0.07	12.3	0.064
30075	Core	120	26.1	26.7	<0.002	0.390	2.10	2.1	1.4	1.1	65.1	<0.05	<0.05	6.9	0.016
30076	Core	34	11.7	18.4	<0.002	0.349	3.10	1.6	<1.0	0.8	47.7	<0.05	<0.05	6.6	0.013
30077	Core	255	44.3	19.6	0.002	0.563	3.12	2.0	<1.0	1.3	48.2	0.05	<0.05	9.2	0.014
30078	Core	45	26.7	16.3	<0.002	0.406	2.25	1.2	<1.0	1.5	27.9	0.07	0.06	7.2	0.009
30079	Core	50	19.0	21.9	0.002	0.434	3.55	1.2	<1.0	0.5	13.2	0.09	0.06	5.9	0.012
30080	Core	69	70.0	19.5	<0.002	0.817	3.40	0.9	1.1	1.8	12.3	0.08	<0.05	6.1	0.011
30081	Core	29	3.9	3.8	<0.002	0.040	0.75	1.0	<1.0	0.5	4.5	<0.05	<0.05	2.1	<0.005
30082	Core	237	25.6	165.1	<0.002	1.674	2.87	9.8	1.2	6.5	93.3	0.28	0.19	12.0	0.059
30083	Core	280	18.4	101.1	<0.002	0.973	1.45	6.3	<1.0	1.5	60.1	0.13	0.09	9.3	0.035

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11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30084	Core	164	16.9	159.4	<0.002	0.884	2.07	10.7	1.0	2.7	75.4	0.16	0.12	11.8	0.044
30085	Core	170	13.4	229.0	0.003	1.112	1.43	13.9	<1.0	2.7	73.8	0.29	0.06	16.6	0.074
30086	Core	142	183.2	34.6	<0.002	1.313	2.95	2.2	<1.0	5.5	42.8	<0.05	0.08	5.6	0.015
30087	Core	117	29.4	57.2	0.002	0.920	2.72	2.9	<1.0	2.5	65.9	<0.05	0.10	7.8	0.016
30088	Core	97	89.3	23.8	<0.002	0.471	1.90	1.4	<1.0	2.8	36.5	<0.05	<0.05	4.7	0.009
30089	Core	51	147.3	37.3	<0.002	1.051	4.66	1.7	<1.0	6.4	24.1	<0.05	0.06	4.4	0.017
30090	Core	64	170.4	33.3	<0.002	0.642	2.26	1.6	<1.0	5.0	26.4	<0.05	<0.05	7.8	0.015
30091	Core	110	128.1	39.9	0.003	0.719	1.95	2.0	<1.0	4.4	34.6	<0.05	<0.05	6.8	0.021
30092	Core	284	62.4	43.0	<0.002	0.561	1.64	2.2	<1.0	3.5	32.4	0.05	0.07	8.1	0.021
30093	Core	139	29.2	23.2	0.003	0.258	1.16	1.3	<1.0	2.6	22.9	<0.05	<0.05	6.4	0.013
30094	Core	175	35.9	68.1	0.002	1.000	2.45	3.5	<1.0	4.3	41.3	0.07	<0.05	7.8	0.025
30095	Core	268	15.7	117.6	0.003	0.358	1.21	9.1	<1.0	1.5	53.0	0.21	0.06	12.6	0.063
30096	Core	333	18.2	219.6	0.005	1.527	2.53	14.8	<1.0	3.8	96.8	0.27	0.18	15.9	0.084
30097	Core	88	25.9	83.1	0.002	1.074	1.38	6.0	<1.0	2.4	47.5	0.13	<0.05	10.0	0.042

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11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30044	Core	0.17	0.9	25	3.5	4.5	26	37.7
30045	Core	0.18	1.1	27	2.5	4.9	34	41.8
30046	Core	0.25	1.1	27	3.2	4.0	421	37.3
30047	Core	0.20	1.1	23	2.4	3.2	44	36.7
30048	Core	0.20	1.1	21	1.6	3.4	91	36.2
30049	Core	0.19	1.0	20	1.5	2.9	65	33.9
30050	Core	0.21	1.3	22	1.6	3.4	312	37.8
30051	Core	0.23	1.1	27	2.1	2.4	113	28.5
30052	Core	0.14	0.7	20	1.3	2.2	34	26.5
30053	Core	0.15	0.8	22	1.2	2.2	31	30.4
30054	Core	0.26	0.9	25	1.2	2.3	42	31.6
30055	Core	0.19	1.1	25	1.7	4.1	155	45.6
30056	Core	0.15	0.8	21	1.5	3.0	83	35.5
30057	Core	0.19	0.9	22	1.2	2.6	42	33.1
30058	Core	0.30	0.9	32	1.2	3.5	72	33.3
30059	Core	0.23	1.1	25	1.3	3.3	39	40.4
30060	Core	0.25	1.1	27	1.1	3.0	31	41.1
30061	Core	0.20	1.1	26	0.9	2.9	31	38.0
30062	Core	0.18	1.3	25	1.1	3.2	26	42.8
30063	Core	0.17	1.0	22	0.9	2.7	312	30.5
30064	Core	0.12	1.0	20	0.8	2.7	18	29.2
30065	Core	0.10	0.9	17	1.2	3.0	191	24.0
30066	Core	0.19	1.2	24	1.2	2.7	96	30.8
30067	Core	1.49	5.1	172	7.2	12.0	60	201.0
30068	Core	0.22	1.3	26	1.5	3.7	135	40.0
30069	Core	0.12	1.1	24	1.4	3.6	88	41.7
30070	Core	0.14	0.9	19	1.3	3.2	253	31.9
30071	Reject	0.13	1.2	30	1.9	3.8	93	40.3
30072	Reject	0.14	1.3	29	2.0	3.9	188	43.2
30073	Core	<0.02	0.4	298	<0.1	1.0	18	0.6
30074	Core	0.73	2.2	94	4.7	4.6	79	62.5
30075	Core	0.12	0.9	24	1.9	3.0	274	32.2
30076	Core	0.08	0.7	19	1.6	2.3	22	28.4
30077	Core	0.10	1.0	21	3.2	3.2	69	33.1
30078	Core	0.08	0.7	16	1.1	2.1	58	26.5
30079	Core	0.10	0.7	18	1.4	1.9	23	29.8
30080	Core	0.09	0.7	16	1.4	1.9	79	30.0
30081	Core	0.03	0.1	5	0.7	0.5	5	10.4
30082	Core	0.81	2.2	89	5.3	5.0	65	57.2
30083	Core	0.44	1.6	59	3.8	4.0	79	39.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30084	Core	0.66	2.2	97	3.3	5.4	82	69.4
30085	Core	1.04	3.6	142	5.1	7.0	125	96.3
30086	Core	0.12	0.7	22	1.9	2.9	265	26.1
30087	Core	0.26	0.9	37	2.9	3.5	73	36.1
30088	Core	0.11	0.6	15	1.3	2.1	84	20.3
30089	Core	0.14	0.8	25	2.1	2.0	250	21.0
30090	Core	0.16	0.9	23	1.6	2.3	144	26.6
30091	Core	0.16	0.8	25	9.6	2.8	185	33.5
30092	Core	0.19	1.0	27	2.1	3.5	70	31.9
30093	Core	0.09	0.8	17	28.6	2.8	40	24.9
30094	Core	0.29	1.2	42	3.4	3.2	65	34.0
30095	Core	0.60	2.7	101	13.0	5.4	101	72.9
30096	Core	1.10	3.7	131	6.1	6.7	87	85.6
30097	Core	0.39	1.8	64	6.2	3.9	61	52.2

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Certificate of Analysis

11-360-07357-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30044	Core		0.58	2.39	508.1	109	0.86	0.04	0.14	0.22	22.22	3.2	178	1.88	17.8
30044 Dup			0.37	2.37	508.5	102	0.79	0.05	0.14	0.34	28.61	2.8	195	1.82	48.7
QCV1109-02854-0002-BLK			0.02	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.08												1070.3
30062	Core		1.32	2.46	37.8	108	0.56	0.07	0.45	0.17	31.74	3.2	153	2.94	10.5
30062 Dup			0.41	2.33	28.8	94	0.49	0.05	0.43	0.16	26.97	3.0	153	2.61	10.3
QCV1109-02854-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.95		12.7	403	2.66	8.12		0.93	78.57	21.9		6.54	>10000
30080	Core		0.25	2.14	2647.9	55	0.43	0.11	0.04	0.96	14.28	5.5	96	1.98	19.3
30080 Dup			0.24	2.10	2709.4	55	0.63	0.11	0.04	0.99	14.99	5.6	73	2.02	43.7
QCV1109-02854-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.39												1046.4
QCV1109-02854-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.92		11.8	438	2.85	7.96		1.06	82.08	23.1		7.18	>10000
30044	Core	0.188													
30044 Dup		0.223													
30062	Core	0.022													
30062 Dup		0.023													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.231													
QCV1109-02855-0004-BLK		<0.005													
30080	Core	0.786													
30080 Dup		0.745													
QCV1109-02855-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.870													

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30044	Core	0.84	6.57	1.61	1.2	0.01	0.63	11.1	21.0	0.08	385	0.50	0.03	4.5	10.8
30044 Dup		0.83	6.58	1.48	1.2	0.01	0.62	13.6	14.7	0.08	377	0.44	0.03	4.8	10.5
QCV1109-02854-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30062	Core	0.99	5.55	1.14	1.2	0.01	0.60	14.9	3.8	0.24	224	0.36	0.27	1.8	7.5
30062 Dup		0.94	5.05	1.00	1.1	0.01	0.57	13.4	1.6	0.22	214	0.32	0.26	0.9	7.1
QCV1109-02854-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.27		3.0	1.02		40.7	18.0			0.79		12.6	40.0
30080	Core	0.99	3.81	1.10	0.8	0.03	0.29	7.3	14.1	0.03	23	0.97	0.02	1.1	6.9
30080 Dup		0.97	3.71	0.93	0.8	0.02	0.28	7.6	11.8	0.02	24	0.97	0.02	0.6	7.2
QCV1109-02854-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-02854-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.38		3.4	1.15		46.5	19.5			0.95		13.7	44.3

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30044	Core	704	13.8	37.7	<0.002	0.121	1.94	2.9	1.5	1.9	17.2	0.95	<0.05	7.5	0.015
30044 Dup		520	14.1	35.2	<0.002	0.116	1.74	2.7	<1.0	5.2	16.0	0.31	<0.05	8.5	0.019
QCV1109-02854-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30062	Core	77	21.9	38.6	<0.002	0.206	0.53	1.8	<1.0	1.0	38.0	0.11	0.08	8.5	0.021
30062 Dup		69	21.4	34.8	<0.002	0.185	0.51	1.7	1.6	1.0	34.7	0.08	<0.05	7.8	0.020
QCV1109-02854-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.4	192.5	0.006	1.269	2.26	10.9	13.4	21.5	32.4	0.93	0.05	15.4	
30080	Core	69	70.0	19.5	<0.002	0.817	3.40	0.9	1.1	1.8	12.3	0.08	<0.05	6.1	0.011
30080 Dup		67	69.6	19.2	<0.002	0.787	3.48	1.1	<1.0	4.8	11.8	0.05	0.07	5.9	0.011
QCV1109-02854-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1109-02854-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.5	215.5	0.006	1.434	2.36	12.5	13.6	23.2	35.9	1.06	<0.05	16.9	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30044	Core	0.17	0.9	25	3.5	4.5	26	37.7
30044 Dup		0.18	1.1	24	3.3	4.7	27	42.2
QCV1109-02854-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30062	Core	0.18	1.3	25	1.1	3.2	26	42.8
30062 Dup		0.18	1.2	24	1.1	2.9	21	38.3
QCV1109-02854-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.80	3.0			22.4	164	108.4
30080	Core	0.09	0.7	16	1.4	1.9	79	30.0
30080 Dup		0.09	0.7	16	1.3	1.8	76	27.7
QCV1109-02854-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1109-02854-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.2			25.9	185	117.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 30**
Client Reference: **Core 30**
Description: **3 ACE**

Date Received: 09/29/2011
Date Completed: 10/17/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	55	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30150	Core	0.014	0.09	1.52	11.2	48	0.29	0.04	0.04	0.03	13.95	2.8	167	1.01	8.6
30151	Core	0.014	0.07	3.16	28.8	154	0.75	0.06	0.07	0.02	45.81	4.8	102	1.76	12.0
30152	Core	0.013	0.04	1.27	146.0	46	0.30	0.03	0.04	<0.02	13.37	2.4	104	0.82	11.9
30153	Core	0.011	0.05	1.50	231.9	43	0.29	0.03	0.41	0.03	15.15	2.7	121	0.72	9.5
30154	Core	0.272	0.20	7.85	730.7	532	2.54	0.21	0.17	0.05	97.05	13.2	146	5.39	34.4
30155	Core	0.019	0.10	4.92	28.5	218	1.04	0.11	0.51	0.07	66.77	7.6	137	2.45	19.4
30156	Core	0.007	0.10	3.52	13.4	127	0.73	0.06	0.75	0.04	45.12	5.3	155	1.73	11.8
30157	Core	0.012	0.14	9.84	27.1	527	2.37	0.27	0.24	0.03	102.23	14.4	183	6.93	40.6
30158	Core	0.007	0.11	5.43	11.6	301	1.27	0.21	0.10	<0.02	77.55	11.5	154	3.78	34.9
30159	Core	0.047	0.19	>10	38.8	807	2.99	0.55	0.20	0.05	98.54	24.8	129	14.41	54.0
30160	Core	0.013	0.07	2.97	31.4	115	0.58	0.08	0.19	0.03	55.41	4.2	106	2.92	7.6
30161	Core	0.031	0.18	>10	55.6	825	3.17	0.38	0.27	0.04	96.93	22.6	140	15.51	33.9
30162	Core	0.053	0.18	>10	58.8	846	3.52	0.40	0.21	<0.02	123.57	27.5	138	12.79	21.9
30163	Core	0.051	0.21	>10	63.0	876	3.21	0.37	0.14	<0.02	111.66	23.9	157	11.96	38.2
30164	Core	0.079	0.24	>10	69.3	1005	3.86	0.60	0.14	0.04	91.50	28.4	143	16.72	34.5
30165	Core	0.034	0.21	>10	55.5	868	3.20	0.66	0.12	0.08	92.35	25.9	106	13.44	61.4
30166	Core	0.033	0.19	>10	35.1	850	3.00	0.39	0.13	0.08	70.80	17.4	116	7.76	52.9
30167	Core	0.015	0.65	1.83	19.9	42	0.33	0.03	0.12	0.05	23.12	2.0	155	0.74	12.5
30168	Core	0.060	0.23	5.09	38.3	305	1.30	0.24	0.72	0.05	71.86	12.7	170	3.83	22.1
30169	Core	0.095	0.35	>10	68.6	951	3.83	0.76	0.30	0.08	89.71	29.7	129	8.80	72.1
30170	Core	0.019	0.18	>10	28.0	941	3.44	0.41	0.29	0.06	100.34	17.1	113	8.49	53.2
30171	Core	0.010	0.14	>10	28.8	799	3.64	0.44	0.09	0.06	75.34	21.4	103	8.19	57.4
30172	Core	0.007	0.16	>10	26.3	718	2.79	0.56	0.10	0.09	89.40	21.2	112	7.12	49.1
30173	Core	0.006	0.55	4.19	15.3	196	0.95	0.12	0.68	0.05	37.19	5.7	125	2.02	17.0
30174	Core	0.007	0.24	6.94	29.8	363	1.61	0.31	0.45	0.05	62.52	13.9	131	3.73	30.7
30175	Core	0.013	0.24	>10	26.7	815	3.08	0.48	0.09	0.09	44.01	21.2	127	7.63	47.6
30176	Core	0.008	0.20	>10	22.5	855	3.45	0.47	0.15	0.05	54.65	18.3	119	9.11	50.1
30177	Core	<0.005	0.04	1.53	13.0	30	0.28	0.03	1.07	0.02	21.94	2.0	155	0.69	6.9
30178	Core	<0.005	0.03	1.17	48.7	41	0.32	0.01	0.44	<0.02	3.18	2.0	115	0.75	13.4
30179	Reject	0.020	0.29	>10	45.5	1071	4.36	0.73	0.12	0.05	112.46	32.5	120	9.90	66.1
30180	Pulp	8.373	0.57	3.50	876.8	179	0.69	0.65	>10	4.51	51.01	6.2	102	7.63	40.6
30181	Reject	0.021	1.07	>10	41.2	1142	4.19	0.63	0.12	0.08	123.34	27.6	120	10.25	63.9
30182	Core	0.013	0.22	>10	30.8	928	3.95	0.48	0.10	0.05	120.30	23.1	107	9.88	58.2
30183	Core	0.077	0.30	>10	38.7	814	2.95	0.51	0.17	0.12	115.72	21.7	104	9.14	51.7
30184	Core	0.281	0.72	>10	227.8	714	3.12	0.28	0.46	0.72	43.97	18.0	142	9.36	51.3
30185	Core	0.392	0.45	>10	260.6	881	3.16	0.43	0.22	0.22	102.95	25.1	125	20.58	56.4
30270	Core	0.063	0.09	2.35	398.7	117	0.50	0.07	0.02	0.14	15.15	3.3	200	1.61	10.0
30271	Core	0.326	0.11	2.82	534.3	147	0.90	0.09	0.02	0.41	39.59	3.9	113	2.03	14.0
30272	Core	0.034	0.05	2.18	247.3	122	0.55	0.06	0.03	0.42	25.03	7.8	144	2.18	11.9
30273	Core	0.266	0.32	4.23	383.1	262	1.15	0.17	0.03	0.25	40.09	8.5	184	5.21	22.6

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30274	Core	0.073	0.32	>10	201.2	935	3.73	0.45	0.03	0.44	116.82	10.5	155	17.66	68.7
30275	Core	0.487	0.29	2.66	849.7	153	0.64	0.10	0.03	0.27	30.68	8.4	156	4.27	18.7
30276	Core	0.081	0.10	2.29	467.9	106	0.52	0.05	0.02	0.07	41.56	1.4	160	3.14	9.5
30277	Core	0.041	0.16	2.03	319.6	103	0.62	0.10	0.02	0.29	26.39	1.6	266	5.46	8.0
30278	Core	0.024	0.11	2.38	457.2	127	0.69	0.09	0.02	0.11	39.35	1.8	198	2.68	26.5
30279	Core	0.015	0.14	>10	338.5	1042	3.24	1.07	0.02	0.13	176.37	12.2	119	14.83	72.0
30280	Core	0.006	0.13	>10	93.2	1201	3.39	0.49	0.02	0.03	142.67	6.4	106	14.36	50.5
30281	Core	0.049	0.34	>10	96.8	975	2.67	0.45	0.01	<0.02	110.63	7.1	196	14.22	39.3
30282	Core	0.023	0.12	>10	48.8	984	2.94	0.35	0.01	<0.02	64.07	10.9	178	13.44	59.2
30283	Core	0.033	0.14	>10	50.9	960	3.03	0.51	0.01	0.36	66.07	7.3	97	8.83	46.8
30284	Core	0.024	0.15	>10	47.1	1121	3.18	0.45	0.01	<0.02	73.06	9.1	126	9.18	62.1
30285	Core	0.045	0.64	>10	78.9	1046	3.58	0.54	0.01	0.12	48.83	25.5	139	10.66	73.8
30286	Core	0.160	0.48	>10	113.9	1367	4.76	1.23	0.01	0.07	30.55	11.8	149	14.20	29.5
30287	Core	0.042	0.26	>10	125.2	1218	4.37	0.67	0.01	0.33	99.21	24.8	141	15.00	54.8
30288	Core	0.040	0.24	>10	119.5	1234	4.38	0.58	0.02	0.31	171.21	22.2	147	14.69	60.3
30289	Core	<0.005	0.10	0.07	<0.2	17	0.08	0.02	>10	0.08	<0.01	1.3	6	0.26	2.4
30290	Core	0.172	0.45	>10	182.3	1037	3.23	0.54	0.04	0.47	147.95	10.8	147	15.16	30.8
30291	Core	0.496	2.23	8.53	860.2	718	2.38	0.70	0.02	0.15	62.09	1.3	223	9.79	11.3

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30150	Core	0.58	3.01	0.67	1.9	<0.01	0.26	11.2	4.8	0.05	146	0.48	0.02	0.8	4.9
30151	Core	1.21	7.32	0.07	3.4	<0.01	0.84	16.3	7.4	0.16	233	0.42	0.05	1.4	8.0
30152	Core	0.66	2.96	<0.05	1.3	<0.01	0.25	7.9	3.8	0.06	140	0.45	0.02	0.5	5.1
30153	Core	1.05	2.97	<0.05	1.2	<0.01	0.21	10.2	6.3	0.19	246	0.43	0.04	0.5	5.8
30154	Core	2.88	20.20	0.12	4.8	0.04	2.43	31.6	18.3	0.52	224	0.47	0.24	3.6	26.3
30155	Core	2.28	9.43	0.10	2.9	0.02	1.18	21.1	11.6	0.42	474	0.47	0.11	1.5	16.9
30156	Core	2.05	6.96	0.49	2.8	0.01	0.64	16.1	14.9	0.39	583	0.36	0.04	1.1	11.7
30157	Core	4.49	19.58	0.29	3.9	0.04	2.72	32.0	29.5	0.65	443	0.61	0.16	3.0	31.9
30158	Core	2.28	11.01	0.25	3.5	0.02	1.30	23.9	17.4	0.29	263	0.62	0.15	2.3	18.7
30159	Core	5.58	27.47	0.20	5.2	0.07	3.44	32.6	48.6	0.99	464	0.93	0.34	4.0	46.0
30160	Core	1.39	6.37	<0.05	2.6	<0.01	0.55	18.6	23.6	0.25	249	0.41	0.05	1.1	8.9
30161	Core	5.97	32.11	1.06	6.1	0.07	3.78	30.2	37.6	1.13	635	0.82	0.28	4.6	43.5
30162	Core	7.88	35.07	1.50	6.9	0.08	4.27	31.9	54.8	1.51	794	0.83	0.33	3.5	53.8
30163	Core	7.02	35.24	1.69	6.9	0.08	4.08	34.3	40.0	1.40	681	0.92	0.30	5.4	54.3
30164	Core	6.84	38.54	0.11	6.5	0.09	4.73	35.3	45.5	1.36	649	0.82	0.35	3.8	58.2
30165	Core	4.94	28.33	0.12	4.3	0.08	3.58	32.6	33.8	0.75	472	0.78	0.24	3.4	47.2
30166	Core	4.28	26.58	0.33	4.1	0.07	3.67	27.6	26.7	0.79	458	0.46	0.25	3.8	36.7
30167	Core	2.61	4.26	<0.05	1.9	<0.01	0.21	11.6	17.3	0.26	982	0.62	0.02	0.8	8.7
30168	Core	3.41	11.70	<0.05	3.0	0.03	1.32	25.1	22.5	0.55	874	1.00	0.09	2.5	18.4
30169	Core	5.28	29.69	0.45	5.8	0.09	4.26	35.3	31.1	0.66	517	2.01	0.30	3.7	56.3
30170	Core	4.61	28.25	0.16	4.6	0.08	3.82	32.2	37.3	0.81	647	0.68	0.27	4.4	35.0
30171	Core	4.42	29.10	0.28	4.6	0.08	3.70	25.9	52.9	1.05	409	0.55	0.31	4.6	39.9
30172	Core	4.61	23.75	<0.05	4.3	0.06	3.27	28.6	52.1	1.00	515	0.78	0.28	4.4	40.6
30173	Core	3.72	9.34	<0.05	14.3	0.02	0.83	16.5	39.2	0.90	1060	0.74	0.07	3.1	13.6
30174	Core	4.57	14.83	<0.05	5.3	0.03	1.61	24.0	50.9	1.09	869	0.92	0.18	3.8	26.8
30175	Core	4.18	26.02	<0.05	5.4	0.07	3.59	26.0	49.2	0.87	370	0.90	0.33	6.0	36.6
30176	Core	4.41	26.79	0.21	5.5	0.07	3.85	21.8	37.1	0.74	516	0.77	0.38	5.3	37.7
30177	Core	1.58	2.98	<0.05	1.3	<0.01	0.13	9.3	107.4	0.36	636	0.49	0.02	0.6	6.2
30178	Core	1.18	2.69	<0.05	0.9	<0.01	0.26	7.5	21.7	0.23	406	0.49	0.02	0.4	5.8
30179	Reject	5.37	34.00	0.09	6.1	0.10	4.85	40.8	38.6	0.84	351	1.16	0.32	6.0	50.2
30180	Pulp	1.38	6.99	<0.05	3.5	0.06	1.32	22.5	8.2	0.77	280	11.73	<0.01	6.4	62.0
30181	Reject	5.22	35.59	<0.05	6.1	0.10	4.98	45.5	37.1	0.89	378	1.24	0.34	5.5	44.6
30182	Core	5.25	30.67	<0.05	5.5	0.10	4.35	39.6	37.9	0.88	361	1.14	0.30	4.5	42.3
30183	Core	5.15	28.18	0.36	5.0	0.07	3.85	38.1	38.4	1.03	435	0.82	0.24	4.9	41.5
30184	Core	4.98	25.48	0.38	4.0	0.09	3.40	23.8	30.6	0.78	585	0.68	0.18	3.0	37.9
30185	Core	5.08	28.74	1.32	4.0	0.07	3.95	35.1	56.2	1.06	437	0.77	0.25	3.3	50.6
30270	Core	1.18	5.37	0.91	2.2	<0.01	0.54	10.4	7.3	0.04	70	0.41	0.02	1.0	9.1
30271	Core	1.27	6.33	0.49	2.3	<0.01	0.80	12.8	12.9	0.06	73	0.37	0.03	1.0	11.0
30272	Core	1.74	4.76	0.69	1.7	<0.01	0.61	11.2	15.2	0.04	168	0.44	0.04	0.8	15.0
30273	Core	2.33	9.34	1.02	2.7	0.02	1.33	16.9	10.8	0.09	145	0.42	0.06	1.6	14.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30274	Core	3.68	33.92	1.15	6.8	0.08	4.78	44.8	24.1	0.29	66	1.49	0.21	3.3	27.2
30275	Core	2.80	6.44	1.38	2.1	0.01	0.79	12.6	17.1	0.06	79	0.54	0.03	0.9	11.2
30276	Core	0.89	5.31	0.78	2.4	<0.01	0.64	12.3	5.2	0.05	21	0.38	0.03	0.8	3.2
30277	Core	0.63	5.00	0.95	2.2	<0.01	0.58	12.6	8.3	0.05	24	0.52	0.02	1.0	3.9
30278	Core	0.90	5.67	1.33	2.2	<0.01	0.65	13.9	7.5	0.06	30	0.54	0.04	0.9	10.8
30279	Core	4.59	27.66	1.31	4.9	0.08	4.28	54.9	34.1	0.28	143	0.71	0.29	3.2	27.1
30280	Core	4.68	30.49	1.49	4.7	0.08	4.30	49.7	47.3	0.27	81	0.69	0.30	3.2	14.1
30281	Core	5.38	25.32	1.39	4.4	0.07	3.44	39.3	48.0	0.21	141	1.59	0.27	2.8	22.2
30282	Core	6.51	26.66	1.47	4.1	0.07	3.20	21.7	48.2	0.20	202	0.64	0.22	1.9	25.4
30283	Core	4.76	25.85	1.18	4.7	0.06	3.61	22.5	39.0	0.25	162	0.87	0.24	2.3	23.0
30284	Core	5.38	29.58	0.90	4.6	0.08	4.13	23.9	47.2	0.27	161	0.45	0.27	2.0	26.6
30285	Core	7.38	29.90	1.08	4.2	0.08	3.54	27.8	48.6	0.24	305	0.83	0.23	2.2	54.5
30286	Core	5.62	38.97	1.35	5.8	0.08	5.15	19.4	67.5	0.34	316	2.81	0.31	3.4	29.3
30287	Core	5.40	38.35	1.60	5.5	0.10	5.12	35.7	34.8	0.37	656	1.03	0.26	3.4	59.8
30288	Core	5.39	35.46	1.65	5.3	0.09	4.82	59.1	29.8	0.37	653	0.81	0.24	3.4	56.8
30289	Core	0.46	0.41	<0.05	0.1	<0.01	0.02	0.7	0.6	>10	217	0.06	<0.01	0.3	<0.2
30290	Core	3.14	27.47	1.39	4.8	0.07	4.24	44.3	9.4	0.32	270	0.38	0.24	3.1	23.6
30291	Core	1.46	20.04	1.13	13.1	0.05	3.17	28.0	19.4	0.25	49	1.69	0.16	5.3	5.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30150	Core	49	9.0	14.8	<0.002	0.055	0.45	0.9	1.3	0.7	8.3	0.10	<0.05	8.6	0.020
30151	Core	119	6.6	43.5	<0.002	0.155	1.09	3.2	<1.0	1.2	17.8	0.15	<0.05	14.6	0.040
30152	Core	42	13.3	13.9	<0.002	0.093	0.58	1.3	1.7	1.3	7.6	<0.05	<0.05	5.4	0.015
30153	Core	58	9.5	11.0	<0.002	0.138	0.65	1.5	1.1	0.8	30.1	<0.05	<0.05	6.4	0.016
30154	Core	156	26.8	136.4	<0.002	0.486	1.90	10.9	1.4	2.6	52.0	0.37	<0.05	23.5	0.091
30155	Core	214	17.3	59.0	0.004	0.238	0.98	5.5	1.2	1.4	37.8	0.16	<0.05	15.5	0.041
30156	Core	84	9.8	34.1	<0.002	0.213	0.68	3.6	1.5	0.9	48.3	0.14	<0.05	13.2	0.028
30157	Core	424	14.4	144.3	<0.002	0.378	1.92	13.5	<1.0	2.3	74.4	0.35	<0.05	19.2	0.081
30158	Core	192	18.2	71.3	<0.002	0.452	1.80	7.0	1.4	2.7	61.1	0.24	<0.05	17.0	0.063
30159	Core	246	31.0	187.4	0.002	1.652	3.65	20.0	1.5	3.6	152.8	0.50	<0.05	25.8	0.113
30160	Core	83	20.7	30.6	<0.002	0.114	0.58	3.0	1.3	0.7	27.0	0.10	<0.05	13.2	0.030
30161	Core	425	16.5	196.3	<0.002	0.556	3.07	19.3	<1.0	2.9	131.9	0.62	<0.05	27.4	0.123
30162	Core	386	13.2	204.4	0.002	0.682	3.89	22.5	1.7	3.1	112.8	0.64	<0.05	27.1	0.119
30163	Core	324	13.3	223.3	0.003	0.744	4.24	22.6	2.0	3.2	139.7	0.82	<0.05	29.5	0.130
30164	Core	326	19.4	235.8	<0.002	1.267	5.46	24.7	<1.0	3.5	152.2	0.53	<0.05	27.8	0.122
30165	Core	257	29.3	200.8	0.003	1.388	6.59	18.9	1.1	2.7	94.1	0.38	0.09	19.7	0.116
30166	Core	237	13.9	205.9	<0.002	0.825	3.45	18.7	1.1	2.7	94.4	0.44	<0.05	20.6	0.125
30167	Core	76	4.4	12.7	<0.002	0.417	0.81	1.8	1.1	0.9	13.7	0.08	<0.05	7.9	0.019
30168	Core	262	14.4	76.2	0.002	1.112	3.01	7.2	<1.0	2.4	60.1	0.22	<0.05	16.2	0.055
30169	Core	584	47.7	231.0	0.007	2.506	7.55	21.5	2.3	3.7	124.2	0.51	0.06	25.8	0.122
30170	Core	238	21.6	216.0	<0.002	0.948	4.47	19.0	1.4	3.1	104.1	0.52	<0.05	22.3	0.141
30171	Core	284	19.4	206.8	<0.002	0.943	4.77	18.3	1.5	2.8	103.3	0.50	<0.05	18.6	0.155
30172	Core	292	28.1	166.9	<0.002	1.116	5.77	16.1	<1.0	2.2	87.3	0.45	<0.05	20.2	0.138
30173	Core	107	9.5	44.4	<0.002	0.257	1.49	5.7	<1.0	0.9	39.1	0.29	<0.05	14.9	0.048
30174	Core	203	18.7	80.6	<0.002	0.848	4.17	9.4	1.5	1.6	53.9	0.41	<0.05	15.6	0.085
30175	Core	264	25.9	188.6	0.002	1.206	6.12	17.1	1.5	2.8	107.5	0.76	<0.05	20.4	0.151
30176	Core	252	25.2	202.4	0.003	1.075	5.25	19.2	1.5	3.0	121.4	0.76	<0.05	22.2	0.143
30177	Core	89	3.4	8.1	<0.002	0.054	0.43	1.3	1.6	0.7	47.6	0.05	<0.05	5.8	0.016
30178	Core	57	2.9	15.0	<0.002	0.165	0.45	0.9	1.4	2.9	23.0	<0.05	<0.05	3.7	0.013
30179	Reject	287	40.0	269.9	<0.002	2.717	9.06	24.2	1.7	4.3	115.0	0.80	<0.05	28.9	0.181
30180	Pulp	4647	6.7	110.8	0.042	1.171	23.37	5.8	8.4	1.9	135.2	0.48	0.49	7.3	0.193
30181	Reject	282	36.4	281.3	<0.002	2.300	8.08	25.5	1.6	4.3	115.2	0.63	0.08	28.7	0.155
30182	Core	257	56.1	246.9	<0.002	2.561	7.70	24.0	1.9	3.2	98.2	0.52	<0.05	24.8	0.153
30183	Core	279	22.5	207.1	<0.002	2.110	5.96	19.4	2.7	3.3	84.8	0.56	<0.05	23.5	0.135
30184	Core	285	49.3	193.7	<0.002	3.351	3.80	16.8	1.0	7.7	91.2	0.46	<0.05	16.6	0.096
30185	Core	204	34.6	238.6	0.004	2.500	6.97	19.0	<1.0	3.2	113.7	0.74	<0.05	21.5	0.103
30270	Core	110	8.5	32.3	<0.002	0.029	2.20	1.6	1.6	1.0	31.1	0.16	<0.05	7.3	0.019
30271	Core	134	14.2	43.0	<0.002	0.020	2.33	2.7	1.5	1.1	22.1	0.11	<0.05	8.3	0.025
30272	Core	200	11.9	33.6	<0.002	<0.01	1.72	2.8	1.8	0.8	43.9	0.11	<0.05	6.7	0.019
30273	Core	296	20.6	73.2	<0.002	0.015	2.88	5.1	<1.0	2.0	49.3	0.21	<0.05	12.1	0.035

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30274	Core	614	15.3	256.8	0.002	0.015	4.59	20.6	1.1	3.2	85.4	0.78	<0.05	28.0	0.116
30275	Core	319	29.6	46.9	<0.002	0.018	4.89	3.1	<1.0	2.4	88.0	0.13	<0.05	8.9	0.019
30276	Core	94	9.9	35.1	<0.002	<0.01	3.03	1.5	<1.0	1.0	28.1	0.10	<0.05	6.7	0.019
30277	Core	64	35.0	33.7	0.002	<0.01	3.38	1.4	1.3	1.1	33.5	0.10	<0.05	6.3	0.017
30278	Core	158	11.2	39.4	<0.002	0.017	3.06	2.1	1.2	1.7	28.2	0.14	<0.05	10.1	0.022
30279	Core	324	19.1	223.8	<0.002	0.030	7.86	19.5	1.5	2.7	76.3	0.67	0.08	25.0	0.112
30280	Core	271	25.5	251.5	0.003	0.043	8.62	19.0	1.6	2.2	79.9	0.84	0.06	23.0	0.113
30281	Core	190	47.5	187.9	0.003	0.060	9.11	15.5	1.4	2.4	116.0	0.61	0.14	20.7	0.093
30282	Core	188	25.1	197.8	<0.002	0.103	7.22	16.0	1.3	2.4	98.4	0.48	0.10	16.8	0.066
30283	Core	198	24.9	200.8	<0.002	0.086	8.22	16.4	2.0	2.5	67.3	0.60	0.12	16.3	0.083
30284	Core	231	28.2	219.3	<0.002	0.111	7.74	18.3	2.0	2.6	86.8	0.58	0.13	18.1	0.082
30285	Core	268	50.4	230.9	0.005	0.167	9.27	20.0	1.1	2.8	84.4	0.57	0.25	16.9	0.076
30286	Core	169	48.0	288.9	0.003	0.095	17.41	23.4	1.2	3.4	103.7	0.84	0.22	16.2	0.104
30287	Core	336	19.9	269.4	<0.002	0.042	7.85	21.0	1.1	3.3	116.0	0.81	0.20	20.9	0.126
30288	Core	355	18.4	258.5	<0.002	0.041	6.29	22.2	1.2	3.0	119.1	0.79	<0.05	25.3	0.130
30289	Core	206	2.4	1.4	<0.002	<0.01	0.10	0.3	1.5	<0.2	52.0	0.35	<0.05	0.5	<0.005
30290	Core	185	39.0	229.8	<0.002	0.019	4.95	17.8	<1.0	3.4	100.8	0.58	0.09	19.5	0.109
30291	Core	86	39.5	167.6	<0.002	0.201	6.42	13.5	1.4	3.3	62.2	1.17	0.36	14.2	0.081

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30150	Core	0.07	0.8	15	0.9	2.7	21	33.0
30151	Core	0.26	1.5	36	1.4	4.6	28	64.8
30152	Core	0.07	0.6	14	0.7	2.1	15	22.0
30153	Core	0.04	0.7	17	4.4	2.6	19	22.5
30154	Core	0.73	2.8	105	3.1	7.0	64	98.3
30155	Core	0.37	1.8	56	1.4	4.7	49	52.5
30156	Core	0.19	1.4	38	1.0	4.8	34	50.5
30157	Core	0.79	2.8	125	2.6	6.3	86	70.0
30158	Core	0.42	2.6	67	1.4	5.2	47	60.8
30159	Core	1.13	8.5	165	4.7	7.2	111	88.1
30160	Core	0.17	1.5	35	1.2	3.7	36	53.9
30161	Core	1.13	5.2	172	5.4	8.8	132	122.9
30162	Core	1.26	7.2	213	5.1	8.3	158	129.2
30163	Core	1.18	5.7	198	5.3	9.6	154	137.2
30164	Core	1.50	7.3	215	5.5	7.7	138	108.8
30165	Core	1.10	3.7	158	3.8	6.5	102	82.3
30166	Core	1.18	3.1	148	2.8	5.8	97	75.5
30167	Core	0.09	0.9	22	1.5	3.7	50	31.7
30168	Core	0.41	2.0	72	2.8	5.4	60	57.5
30169	Core	1.30	4.2	170	4.0	8.8	98	100.8
30170	Core	1.21	3.4	162	2.6	6.4	98	91.0
30171	Core	1.09	3.1	162	2.0	5.7	100	83.3
30172	Core	1.05	3.2	148	1.7	5.6	104	74.5
30173	Core	0.21	1.4	62	0.6	4.4	61	46.0
30174	Core	0.45	2.1	92	1.4	6.1	81	69.0
30175	Core	1.06	3.3	149	1.7	6.3	85	80.8
30176	Core	1.19	3.4	161	2.3	6.3	85	84.3
30177	Core	0.04	0.8	21	0.8	3.3	32	25.7
30178	Core	0.06	0.6	15	0.7	2.4	22	16.9
30179	Reject	1.45	4.2	192	3.0	7.6	91	110.3
30180	Pulp	13.16	8.0	423	33.5	26.5	249	67.1
30181	Reject	1.53	4.0	194	3.3	7.7	93	108.7
30182	Core	1.30	3.7	179	2.6	6.7	89	97.1
30183	Core	1.17	3.5	153	2.9	6.4	105	83.2
30184	Core	1.03	2.7	139	4.6	5.3	107	69.0
30185	Core	1.29	3.4	164	5.6	5.5	126	70.4
30270	Core	0.14	1.4	20	1.4	3.4	30	37.6
30271	Core	0.19	1.5	26	1.9	4.0	47	38.7
30272	Core	0.16	1.0	21	13.3	3.6	61	27.3
30273	Core	0.42	2.0	44	3.3	4.1	78	44.3

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11-360-07364-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30274	Core	1.41	5.2	153	5.6	10.0	85	123.0
30275	Core	0.25	1.7	25	2.6	3.3	109	36.2
30276	Core	0.17	1.2	21	2.0	2.7	16	39.2
30277	Core	0.17	1.1	21	1.3	2.7	9	43.7
30278	Core	0.18	1.7	23	1.6	3.0	22	40.6
30279	Core	1.29	3.9	133	2.4	6.5	111	79.7
30280	Core	1.34	3.6	138	1.5	6.0	89	80.0
30281	Core	1.10	3.1	113	2.7	5.4	195	71.9
30282	Core	1.00	2.7	116	2.0	4.7	180	73.5
30283	Core	1.11	3.1	127	1.7	4.7	136	72.7
30284	Core	1.15	3.0	136	2.1	5.1	146	77.0
30285	Core	1.10	3.4	128	2.2	6.1	221	81.7
30286	Core	1.44	4.2	169	3.6	5.9	116	102.2
30287	Core	1.47	3.7	152	4.6	6.1	171	93.5
30288	Core	1.48	3.9	152	4.1	7.2	169	88.7
30289	Core	<0.02	0.6	264	<0.1	0.9	20	1.0
30290	Core	1.33	3.6	133	4.1	6.9	127	81.7
30291	Core	0.91	2.1	92	5.1	3.9	24	60.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30150	Core		0.09	1.52	11.2	48	0.29	0.04	0.04	0.03	13.95	2.8	167	1.01	8.6
30150 Dup			0.05	1.49	12.9	47	0.30	0.04	0.03	0.03	34.26	2.3	85	1.01	10.9
QCV1109-03071-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.75												1020.4
30168	Core		0.23	5.09	38.3	305	1.30	0.24	0.72	0.05	71.86	12.7	170	3.83	22.1
30168 Dup			0.21	5.45	39.1	300	1.37	0.24	0.72	0.04	70.89	13.3	172	3.90	24.1
QCV1109-03071-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.78												1064.4
30270	Core		0.09	2.35	398.7	117	0.50	0.07	0.02	0.14	15.15	3.3	200	1.61	10.0
30270 Dup			0.06	2.40	366.7	107	0.41	0.07	0.02	0.14	9.48	3.4	177	1.50	7.3
QCV1109-03071-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			66.48												1099.9
30288	Core		0.24	>10	119.5	1234	4.38	0.58	0.02	0.31	171.21	22.2	147	14.69	60.3
30288 Dup			0.23	>10	125.9	1219	4.80	0.56	0.01	0.35	109.48	23.5	138	14.75	63.0
QCV1109-03071-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.63		10.7	429	2.67	8.28		0.22		23.1		7.30	>10000
30150	Core	0.014													
30150 Dup		<0.005													
30168	Core	0.060													
30168 Dup		0.058													
QCV1109-03072-0004-BLK		<0.005													
30270	Core	0.063													
30270 Dup		0.055													
30288	Core	0.040													
30288 Dup		0.037													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30150	Core	0.58	3.01	0.67	1.9	<0.01	0.26	11.2	4.8	0.05	146	0.48	0.02	0.8	4.9
30150 Dup		0.58	3.11	0.30	1.8	<0.01	0.26	12.4	4.7	0.05	141	0.49	0.02	0.8	4.9
QCV1109-03071-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30168	Core	3.41	11.70	<0.05	3.0	0.03	1.32	25.1	22.5	0.55	874	1.00	0.09	2.5	18.4
30168 Dup		3.50	13.19	<0.05	3.5	0.02	1.45	26.5	23.1	0.57	869	1.05	0.10	2.4	20.3
QCV1109-03071-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30270	Core	1.18	5.37	0.91	2.2	<0.01	0.54	10.4	7.3	0.04	70	0.41	0.02	1.0	9.1
30270 Dup		1.15	4.78	0.89	1.8	<0.01	0.57	8.6	7.2	0.04	68	0.39	0.03	0.7	8.4
QCV1109-03071-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30288	Core	5.39	35.46	1.65	5.3	0.09	4.82	59.1	29.8	0.37	653	0.81	0.24	3.4	56.8
30288 Dup		5.20	37.91	1.29	5.4	0.09	5.20	36.7	32.3	0.37	601	0.82	0.27	3.0	60.7
QCV1109-03071-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.78		7.4	1.27		45.0	26.0			0.84		15.8	44.4

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30150	Core	49	9.0	14.8	<0.002	0.055	0.45	0.9	1.3	0.7	8.3	0.10	<0.05	8.6	0.020
30150 Dup		46	9.1	15.2	<0.002	0.053	0.40	1.1	<1.0	1.1	8.2	0.08	<0.05	8.8	0.025
QCV1109-03071-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30168	Core	262	14.4	76.2	0.002	1.112	3.01	7.2	<1.0	2.4	60.1	0.22	<0.05	16.2	0.055
30168 Dup		261	15.6	84.5	0.002	1.171	3.09	8.0	1.7	2.7	65.6	0.21	<0.05	16.3	0.053
QCV1109-03071-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30270	Core	110	8.5	32.3	<0.002	0.029	2.20	1.6	1.6	1.0	31.1	0.16	<0.05	7.3	0.019
30270 Dup		105	7.6	28.7	<0.002	0.030	2.10	1.4	<1.0	0.8	28.8	0.11	<0.05	7.1	0.015
QCV1109-03071-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30288	Core	355	18.4	258.5	<0.002	0.041	6.29	22.2	1.2	3.0	119.1	0.79	<0.05	25.3	0.130
30288 Dup		332	19.3	253.4	<0.002	0.041	7.22	21.9	1.7	3.2	119.8	0.70	0.06	22.1	0.114
QCV1109-03071-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.7	204.1	0.005	1.318	2.88	15.0	14.0	22.7	35.3	1.85	<0.05		

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30150	Core	0.07	0.8	15	0.9	2.7	21	33.0
30150 Dup		0.07	0.9	17	1.0	3.0	22	33.8
QCV1109-03071-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30168	Core	0.41	2.0	72	2.8	5.4	60	57.5
30168 Dup		0.43	2.1	73	2.9	6.0	60	73.9
QCV1109-03071-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30270	Core	0.14	1.4	20	1.4	3.4	30	37.6
30270 Dup		0.14	1.2	19	1.2	2.8	31	28.3
QCV1109-03071-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30288	Core	1.48	3.9	152	4.1	7.2	169	88.7
30288 Dup		1.47	3.7	146	4.5	6.1	167	91.5
QCV1109-03071-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.93	3.6			26.5	180	116.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 31**
Client Reference: **Core 31**
Description: **3 ACE**

Date Received: 09/28/2011
Date Completed: 10/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	47	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30292	Core	0.053	0.36	>10	150.6	1112	2.89	0.60	0.02	0.27	87.49	13.7	89	10.60	51.2
30293	Core	0.055	1.55	>10	235.3	1151	2.95	0.48	0.01	0.47	79.49	10.4	105	7.86	36.7
30294	Core	0.043	0.85	>10	176.4	1226	3.09	0.51	0.02	0.70	97.25	8.0	87	6.72	37.6
30295	Core	0.028	0.44	>10	256.6	1181	2.94	0.72	0.02	0.87	81.13	10.1	96	6.91	56.2
30296	Core	0.466	1.96	8.39	2391.0	672	1.89	0.39	0.02	0.59	85.03	1.6	125	5.53	9.7
30297	Core	0.101	0.92	3.31	749.7	157	0.68	0.08	0.03	0.45	38.72	0.5	88	2.14	6.5
30298	Core	0.224	0.64	2.00	1028.9	105	0.68	0.08	0.03	0.28	27.95	0.8	100	1.41	9.0
30299	Core	0.715	6.17	4.60	>10000	352	1.07	0.25	0.02	0.71	17.58	1.1	144	3.36	15.9
30300	Core	0.189	1.00	1.62	>10000	81	0.38	0.05	0.01	0.48	13.32	1.8	192	1.33	18.5
30301	Core	0.070	0.71	9.05	5255.2	692	2.07	0.20	0.02	0.30	46.01	0.7	152	5.11	11.9
30302	Core	0.041	0.34	2.11	6055.7	137	0.71	0.09	0.01	0.22	23.18	4.7	183	2.17	15.0
30303	Core	0.014	0.51	2.38	2519.0	186	0.49	0.19	0.02	0.18	27.15	1.2	159	3.28	10.9
30304	Core	0.019	0.16	2.88	1329.8	136	0.66	0.07	0.02	0.72	27.28	4.9	121	2.01	14.9
30305	Core	0.017	0.12	2.17	711.1	67	0.49	0.05	0.02	0.83	12.97	1.8	154	1.20	12.1
30306	Core	0.081	0.21	2.50	1800.9	107	0.57	0.09	0.19	1.11	19.80	10.6	160	1.52	42.8
30307	Core	0.024	0.35	>10	238.5	862	3.02	0.40	0.05	3.16	87.29	19.4	142	5.90	55.8
30308	Core	0.062	0.30	>10	127.4	809	2.72	0.28	0.08	1.68	102.10	24.5	128	6.17	61.0
30309	Core	0.060	0.57	>10	450.1	879	2.94	0.24	0.04	0.80	105.76	16.2	132	11.47	34.9
30310	Core	0.044	0.30	>10	695.2	1124	4.13	0.26	0.06	1.51	114.13	21.3	118	8.48	48.1
30311	Core	0.013	0.21	>10	208.4	1082	4.00	0.29	0.06	1.14	53.07	25.1	161	7.58	59.7
30312	Core	0.067	0.32	>10	1992.0	903	3.33	0.40	0.06	0.71	49.13	17.9	174	6.72	68.4
30313	Core	0.025	0.13	2.15	601.5	89	0.36	0.08	0.02	0.63	21.72	1.9	131	1.49	12.6
30314	Core	0.012	0.08	2.58	234.3	106	0.58	0.05	0.01	0.33	27.83	1.1	104	1.29	9.4
30315	Core	<0.005	0.14	2.54	360.4	103	0.63	0.06	0.02	0.51	28.63	1.3	123	1.45	32.9
30316	Core	0.012	0.27	2.67	436.3	130	0.70	0.05	0.02	0.64	26.33	1.2	143	1.91	8.3
30317	Core	0.014	0.15	2.56	501.4	94	0.51	0.04	0.02	0.45	20.14	0.9	97	1.47	8.1
30318	Core	0.011	0.15	4.97	364.2	249	1.13	0.13	0.04	1.11	29.50	5.7	137	2.69	28.4
30319	Core	0.016	0.16	3.58	182.3	151	0.89	0.09	0.02	1.24	31.40	3.6	141	1.88	18.4
30320	Core	0.009	0.15	2.78	420.2	88	0.44	0.10	0.02	0.21	20.57	1.4	134	1.10	16.0
30321	Core	0.010	0.18	3.94	354.1	162	0.85	0.08	0.02	0.24	29.77	1.6	132	1.83	12.5
30322	Core	0.029	0.17	4.40	253.8	198	0.91	0.11	0.02	0.53	31.16	2.3	158	2.28	13.4
30323	Reject	0.027	0.11	3.03	376.6	117	0.62	0.07	0.01	0.79	26.43	2.9	158	1.54	12.5
30324	Pulp	7.322	0.66	3.48	1074.9	171	0.95	0.67	>10	4.46	32.34	6.7	101	7.96	39.0
30325	Reject	0.024	0.14	3.00	303.1	124	0.62	0.06	0.04	0.57	29.74	2.7	158	1.61	14.1
30326	Core	0.016	0.20	3.22	308.2	139	0.60	0.07	0.02	0.26	32.94	1.2	120	1.69	12.5
30327	Core	0.007	0.16	2.73	240.9	102	0.50	0.06	0.02	0.39	26.40	1.2	145	1.26	11.9
30328	Core	0.013	0.24	5.71	348.9	305	1.08	0.17	0.08	0.67	39.64	3.1	138	2.69	26.1
30329	Core	0.084	3.17	3.11	701.5	136	0.53	0.14	0.02	0.48	23.98	0.8	140	2.08	13.6
30330	Core	0.096	2.25	2.06	1366.5	97	0.32	0.04	0.01	0.59	21.46	0.7	107	1.39	11.2
30331	Core	0.070	2.19	1.91	3405.5	83	0.35	0.04	0.01	0.90	18.22	0.6	116	1.49	13.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30332	Core	0.050	0.85	5.86	674.9	288	1.22	0.16	0.02	0.41	39.09	2.3	146	3.08	12.9
30333	Core	0.448	1.58	4.88	5001.0	238	0.90	0.14	0.02	0.51	33.65	1.4	143	2.82	28.8
30334	Core	0.036	0.23	4.94	506.4	247	0.93	0.12	0.02	0.35	34.61	2.4	174	2.21	15.4
30335	Core	0.032	0.21	1.73	505.2	55	0.33	0.13	0.02	0.26	14.18	1.5	180	0.89	16.7
30336	Core	0.042	0.26	1.93	516.1	63	0.37	0.13	0.02	0.33	13.36	1.8	217	1.13	10.5
30337	Core	0.028	0.13	2.32	417.2	108	0.56	0.05	0.02	0.29	19.82	1.6	148	1.41	22.7
30338	Core	0.013	0.17	2.55	303.9	107	0.61	0.06	0.01	0.24	23.27	1.6	147	1.40	14.9
30339	Core	0.042	0.18	2.74	440.3	112	0.50	0.04	0.01	0.23	27.80	1.1	118	1.64	11.5
30340	Core	0.039	0.25	2.91	598.3	130	0.48	0.04	0.01	0.33	29.77	0.8	119	2.07	8.7
30341	Core	0.066	0.62	>10	1376.2	667	2.21	0.25	0.02	0.56	78.42	3.1	178	5.77	28.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30292	Core	5.35	26.90	1.37	2.2	0.08	3.56	37.3	26.3	0.34	450	0.56	0.21	2.5	30.6
30293	Core	4.59	26.68	1.47	2.4	0.08	4.38	35.5	26.3	0.31	443	0.30	0.17	2.2	26.6
30294	Core	3.77	28.14	1.54	2.4	0.09	4.63	43.3	25.9	0.31	177	0.52	0.18	2.8	24.2
30295	Core	4.57	28.10	1.46	2.5	0.09	4.72	36.9	35.2	0.31	255	0.33	0.19	2.7	34.8
30296	Core	1.78	17.87	1.48	1.9	0.08	3.13	36.3	15.4	0.23	41	0.61	0.12	1.8	3.9
30297	Core	0.41	6.57	1.44	2.2	0.02	1.37	19.6	5.7	0.12	25	0.31	0.05	1.0	2.5
30298	Core	0.45	4.33	1.44	1.2	0.03	0.82	14.3	5.9	0.07	22	0.48	0.03	0.6	3.4
30299	Core	2.17	10.41	1.83	1.2	0.20	1.89	9.8	9.0	0.12	27	0.73	0.08	1.1	2.7
30300	Core	1.33	3.91	1.55	0.7	0.03	0.70	6.8	5.9	0.05	26	0.61	0.03	0.5	4.3
30301	Core	1.31	20.18	1.48	3.1	0.05	3.53	23.9	38.4	0.21	29	0.45	0.15	2.6	4.3
30302	Core	0.89	5.48	1.33	1.3	0.09	0.83	11.1	14.3	0.06	22	0.64	0.04	0.8	4.3
30303	Core	0.88	5.21	1.08	1.4	0.02	0.68	13.1	18.1	0.05	27	0.77	0.04	1.0	3.5
30304	Core	1.74	6.44	1.14	1.2	0.01	0.85	13.3	18.2	0.06	31	0.56	0.04	0.6	4.0
30305	Core	0.99	4.00	1.15	0.7	<0.01	0.38	6.4	8.7	0.03	31	0.50	0.02	0.4	4.9
30306	Core	1.68	5.43	1.22	1.0	0.02	0.74	9.9	6.6	0.06	204	0.62	0.03	0.7	7.2
30307	Core	4.27	25.30	1.58	3.8	0.08	3.02	38.8	34.3	0.29	648	0.57	0.15	4.6	59.2
30308	Core	5.65	25.32	1.66	2.9	0.08	3.57	44.9	36.6	0.30	704	0.48	0.17	3.0	65.9
30309	Core	4.57	28.20	1.85	2.9	0.10	4.77	44.5	58.1	0.32	323	0.48	0.26	3.0	39.1
30310	Core	5.19	32.63	1.74	3.5	0.10	4.77	63.5	26.0	0.32	529	0.52	0.25	3.8	59.2
30311	Core	5.62	32.79	1.76	2.7	0.09	4.72	30.3	32.5	0.34	844	0.52	0.22	2.9	59.8
30312	Core	4.48	25.63	1.65	2.2	0.07	3.95	28.1	53.9	0.25	311	0.57	0.18	2.9	39.1
30313	Core	1.31	4.31	1.19	1.0	0.01	0.54	10.7	8.0	0.03	52	0.45	0.03	0.8	5.3
30314	Core	0.58	5.07	0.85	1.4	0.01	0.62	13.8	7.6	0.04	20	0.40	0.03	0.9	4.2
30315	Core	0.56	5.18	0.78	1.4	0.02	0.64	13.5	26.1	0.04	20	0.34	0.04	0.9	4.7
30316	Core	0.54	5.78	1.18	1.3	0.02	0.89	13.0	8.1	0.06	24	0.45	0.05	1.0	4.2
30317	Core	0.65	4.62	0.99	1.4	0.02	0.67	10.2	15.7	0.04	22	0.31	0.05	0.9	5.9
30318	Core	2.19	9.82	1.05	1.5	0.03	1.42	15.6	66.2	0.08	95	0.37	0.10	1.0	18.8
30319	Core	1.07	7.25	0.69	1.7	0.01	0.85	15.6	15.6	0.05	93	0.41	0.06	0.7	15.2
30320	Core	0.45	4.62	0.90	1.0	0.02	0.53	9.8	18.5	0.03	33	0.34	0.05	0.8	16.8
30321	Core	0.77	7.46	0.93	2.0	0.02	0.86	14.7	16.4	0.05	18	0.40	0.06	1.5	16.9
30322	Core	1.24	8.85	0.97	1.7	0.02	1.22	16.1	16.0	0.07	30	0.39	0.08	1.3	6.5
30323	Reject	1.10	6.14	1.07	1.5	0.02	0.71	12.6	13.3	0.04	43	0.34	0.05	0.9	6.8
30324	Pulp	1.39	6.91	0.39	1.9	0.07	1.31	21.7	10.1	0.80	288	12.75	<0.01	8.2	66.2
30325	Reject	0.97	6.11	1.13	1.6	0.02	0.70	14.6	12.9	0.04	38	0.38	0.05	0.9	5.8
30326	Core	0.65	6.45	0.82	1.8	0.02	0.76	16.2	9.0	0.04	22	0.52	0.05	1.3	7.2
30327	Core	0.55	5.42	<0.05	1.6	0.03	0.56	13.2	8.3	0.03	16	0.39	0.04	1.1	6.9
30328	Core	1.50	12.27	<0.05	1.9	0.08	1.62	21.5	11.5	0.08	31	0.46	0.09	1.9	13.3
30329	Core	0.97	6.34	0.07	1.3	0.25	1.02	12.5	21.8	0.07	21	0.45	0.06	0.9	3.9
30330	Core	0.49	4.40	0.17	1.3	0.12	0.81	10.8	2.7	0.06	21	0.39	0.03	0.8	2.9
30331	Core	0.72	4.04	0.22	0.9	0.47	0.72	8.8	15.2	0.06	22	0.44	0.03	0.6	3.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30332	Core	1.42	11.94	0.49	1.8	0.15	1.90	21.0	10.7	0.11	35	0.43	0.10	1.7	5.8
30333	Core	1.67	10.93	0.33	1.9	0.12	1.68	18.2	31.6	0.11	25	0.45	0.10	1.5	4.6
30334	Core	1.28	10.34	0.23	1.7	0.03	1.49	18.4	13.3	0.08	49	0.41	0.10	1.7	8.6
30335	Core	0.86	3.15	0.09	0.9	0.02	0.46	6.9	4.8	0.03	24	0.57	0.03	0.7	3.8
30336	Core	0.95	3.49	0.28	0.9	0.02	0.60	6.8	5.0	0.05	37	0.53	0.03	0.6	5.2
30337	Core	0.86	4.95	<0.05	1.1	0.01	0.67	10.8	8.6	0.04	26	0.48	0.05	0.9	4.1
30338	Core	1.14	5.76	<0.05	1.2	0.03	0.65	12.0	9.1	0.04	27	0.53	0.04	0.9	5.8
30339	Core	0.93	5.92	<0.05	1.5	0.02	0.82	13.8	26.8	0.05	24	0.39	0.05	1.1	4.1
30340	Core	1.07	6.39	<0.05	1.6	0.02	0.85	15.4	19.6	0.05	20	0.39	0.05	1.1	5.2
30341	Core	3.18	24.02	0.33	3.4	0.10	3.28	34.4	40.5	0.22	33	0.48	0.20	3.0	7.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30292	Core	314	15.2	194.0	0.003	0.046	7.10	14.6	1.4	2.6	48.5	0.40	0.19	12.5	0.076
30293	Core	274	149.3	252.1	0.004	0.047	6.40	16.8	<1.0	5.0	51.4	0.32	0.19	11.3	0.080
30294	Core	341	94.5	267.8	0.003	0.036	5.53	18.0	<1.0	4.2	130.7	0.33	0.16	14.5	0.097
30295	Core	279	22.5	250.2	0.003	0.033	4.65	18.3	<1.0	3.1	69.0	0.35	0.18	15.8	0.095
30296	Core	332	523.6	174.5	0.003	0.067	9.25	10.9	<1.0	6.1	69.0	0.20	0.11	9.4	0.064
30297	Core	78	137.1	65.1	0.004	0.033	2.69	3.4	<1.0	10.1	14.1	0.11	<0.05	6.3	0.039
30298	Core	125	88.3	45.8	<0.002	0.052	2.47	2.5	<1.0	6.1	13.4	0.05	<0.05	4.5	0.023
30299	Core	665	1420.7	91.9	0.003	0.292	23.62	6.8	<1.0	10.8	49.8	0.10	0.18	5.7	0.035
30300	Core	320	383.7	37.5	0.004	0.145	12.72	1.6	<1.0	7.4	19.4	<0.05	0.08	4.0	0.013
30301	Core	236	81.4	183.0	0.003	0.185	4.07	11.2	<1.0	5.8	57.4	0.28	<0.05	7.9	0.087
30302	Core	295	85.6	43.3	0.005	0.049	3.04	2.8	<1.0	3.1	18.1	0.09	<0.05	5.4	0.024
30303	Core	110	180.9	35.3	0.002	0.072	2.38	2.3	<1.0	1.2	30.4	0.10	<0.05	5.7	0.023
30304	Core	103	13.7	42.1	<0.002	0.022	3.72	2.4	<1.0	1.3	17.8	0.06	<0.05	8.0	0.019
30305	Core	75	8.7	21.2	<0.002	0.012	2.60	1.5	<1.0	1.2	15.0	<0.05	<0.05	4.9	0.010
30306	Core	344	29.1	38.1	0.003	0.058	4.24	2.4	<1.0	4.9	29.9	0.07	<0.05	9.8	0.019
30307	Core	538	27.7	139.5	0.003	0.045	3.08	16.8	1.1	3.9	65.4	0.60	0.16	18.9	0.130
30308	Core	787	39.3	191.2	0.004	0.047	2.63	15.8	<1.0	3.0	63.1	0.39	<0.05	17.5	0.092
30309	Core	679	40.6	251.5	0.002	0.031	3.13	16.3	<1.0	4.8	87.6	0.38	<0.05	17.4	0.094
30310	Core	1005	10.4	248.9	0.005	0.048	3.36	23.5	<1.0	3.7	184.6	0.54	<0.05	26.8	0.121
30311	Core	802	16.4	272.6	0.002	0.065	2.60	19.6	<1.0	3.2	150.5	0.32	<0.05	17.3	0.106
30312	Core	954	27.2	220.1	0.003	0.025	3.20	17.3	<1.0	3.1	181.4	0.29	0.14	14.0	0.125
30313	Core	170	17.4	26.6	<0.002	<0.01	2.19	1.8	<1.0	1.3	19.9	0.10	<0.05	4.3	0.020
30314	Core	97	8.1	29.9	0.004	0.010	1.27	2.0	<1.0	1.3	22.1	0.10	<0.05	7.9	0.028
30315	Core	136	24.0	32.3	0.003	0.012	1.54	2.1	<1.0	4.3	22.9	0.09	<0.05	8.8	0.028
30316	Core	74	49.6	48.0	0.003	0.013	1.60	2.1	<1.0	5.6	22.0	0.09	<0.05	7.4	0.032
30317	Core	174	13.9	31.9	0.003	0.029	1.31	2.1	<1.0	1.6	22.8	0.09	<0.05	7.4	0.027
30318	Core	543	8.6	63.7	0.004	0.095	1.53	5.1	<1.0	1.5	50.6	0.10	<0.05	9.6	0.034
30319	Core	143	9.1	42.2	<0.002	0.032	1.49	3.3	<1.0	1.5	26.4	0.08	<0.05	9.7	0.023
30320	Core	181	15.8	23.9	0.002	0.028	1.00	1.9	<1.0	1.5	25.4	0.09	<0.05	7.0	0.022
30321	Core	143	17.9	44.9	0.004	0.084	1.21	3.3	<1.0	1.3	25.3	0.15	<0.05	10.6	0.038
30322	Core	247	48.0	58.4	0.003	0.033	2.67	4.1	<1.0	1.2	31.9	0.13	<0.05	9.7	0.039
30323	Reject	100	21.2	35.2	0.004	0.020	1.68	2.7	<1.0	1.1	27.8	0.08	<0.05	8.7	0.026
30324	Pulp	4864	6.2	114.7	0.040	1.091	20.67	6.7	9.5	1.9	182.3	0.47	0.69	5.6	0.217
30325	Reject	84	15.7	34.8	0.004	0.019	1.81	2.5	<1.0	1.3	26.4	0.09	<0.05	8.3	0.026
30326	Core	97	16.3	38.1	0.004	0.016	1.24	2.7	1.2	1.3	22.9	0.15	<0.05	9.8	0.030
30327	Core	98	21.0	29.9	0.003	0.025	1.46	2.3	1.4	1.3	19.4	0.13	<0.05	8.8	0.033
30328	Core	764	46.0	79.8	0.002	0.048	1.88	6.8	1.0	1.8	42.0	0.19	<0.05	9.6	0.051
30329	Core	211	1226.6	50.1	0.003	0.062	4.75	2.7	1.1	4.9	30.9	0.10	<0.05	7.0	0.027
30330	Core	116	526.3	43.6	0.003	0.039	2.79	1.8	<1.0	6.6	23.6	0.07	<0.05	4.6	0.024
30331	Core	208	396.6	40.3	0.002	0.142	3.15	1.9	1.1	8.7	25.9	0.06	<0.05	4.3	0.017

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Certificate of Analysis

11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30332	Core	358	76.3	89.1	0.004	0.041	1.91	6.4	1.1	3.1	50.2	0.20	<0.05	8.2	0.048
30333	Core	304	445.6	80.6	<0.002	0.146	4.23	5.7	1.1	5.0	44.8	0.18	<0.05	7.7	0.044
30334	Core	204	13.6	69.8	0.002	0.085	1.63	5.5	1.0	1.6	29.1	0.18	<0.05	7.1	0.052
30335	Core	500	51.6	23.7	0.003	0.048	1.84	1.5	1.1	2.2	18.5	0.07	<0.05	3.9	0.013
30336	Core	573	38.8	30.0	0.003	0.054	1.59	1.7	1.1	4.7	15.2	0.07	<0.05	3.6	0.014
30337	Core	167	17.0	36.1	0.003	0.034	1.31	1.9	1.2	2.9	43.3	0.09	<0.05	4.8	0.024
30338	Core	244	31.9	33.4	<0.002	0.023	1.00	2.6	<1.0	1.7	17.9	0.09	<0.05	7.0	0.027
30339	Core	103	27.1	40.4	0.003	0.020	1.34	2.6	<1.0	2.2	25.4	0.11	<0.05	6.4	0.035
30340	Core	102	11.5	44.8	0.004	0.028	1.65	2.8	1.1	1.8	33.6	0.10	<0.05	8.2	0.035
30341	Core	363	142.6	179.8	<0.002	0.113	3.58	14.2	1.0	5.8	60.7	0.34	0.07	13.8	0.103

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30292	Core	1.34	3.3	193	1.9	5.2	139	81.3
30293	Core	1.28	3.2	142	1.9	5.7	159	77.9
30294	Core	1.23	3.2	140	1.7	6.4	175	86.1
30295	Core	1.30	3.7	139	1.9	6.0	295	85.6
30296	Core	0.85	2.2	107	1.8	5.5	80	75.9
30297	Core	0.41	1.3	75	1.3	4.5	7	72.9
30298	Core	0.25	0.8	71	1.2	3.0	6	41.5
30299	Core	0.60	1.3	86	2.1	2.6	28	39.9
30300	Core	0.22	0.6	65	0.8	1.6	16	22.4
30301	Core	0.97	2.4	115	3.2	6.2	13	105.4
30302	Core	0.27	0.9	76	1.2	2.3	9	39.3
30303	Core	0.28	1.0	63	2.0	2.6	13	42.4
30304	Core	0.28	1.3	68	1.0	2.8	25	38.2
30305	Core	0.12	0.9	64	0.5	1.9	13	22.3
30306	Core	0.26	1.4	65	1.0	2.9	25	32.4
30307	Core	1.03	4.9	117	3.7	8.6	138	107.0
30308	Core	1.09	5.2	121	3.5	8.3	252	97.8
30309	Core	1.24	5.6	126	3.6	7.7	252	106.4
30310	Core	1.40	6.3	140	4.3	12.0	262	122.8
30311	Core	1.20	4.4	151	2.9	7.4	163	99.2
30312	Core	1.03	4.4	135	2.7	6.5	133	79.6
30313	Core	0.17	0.9	65	0.8	2.7	21	31.9
30314	Core	0.20	1.4	64	0.9	3.4	16	46.8
30315	Core	0.19	1.4	64	0.9	3.4	25	47.4
30316	Core	0.26	1.3	70	1.0	3.1	17	43.7
30317	Core	0.21	1.6	64	1.0	3.2	25	43.2
30318	Core	0.37	2.3	79	1.1	4.1	120	55.5
30319	Core	0.25	2.0	69	0.9	4.2	68	55.3
30320	Core	0.15	1.9	64	0.7	2.7	17	37.5
30321	Core	0.26	2.4	76	1.5	4.8	26	63.6
30322	Core	0.34	1.8	65	1.3	4.2	82	60.7
30323	Reject	0.21	1.6	67	0.9	3.4	63	48.5
30324	Pulp	13.34	7.8	537	33.0	28.7	268	69.2
30325	Reject	0.23	1.5	64	1.0	3.5	42	50.4
30326	Core	0.24	1.8	115	0.9	4.2	30	60.2
30327	Core	0.18	1.7	123	0.8	3.6	23	51.2
30328	Core	0.44	2.7	121	1.1	5.7	93	64.6
30329	Core	0.30	1.6	114	1.0	2.9	39	42.8
30330	Core	0.26	0.9	114	0.8	2.5	17	37.8
30331	Core	0.25	0.8	111	0.8	2.1	18	24.7

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Certificate of Analysis

11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30332	Core	0.56	2.3	129	1.6	5.0	174	56.1
30333	Core	0.49	1.9	131	1.5	4.5	104	61.8
30334	Core	0.41	1.8	125	1.1	4.3	66	63.7
30335	Core	0.15	1.2	108	0.6	2.6	70	29.8
30336	Core	0.18	1.0	108	0.7	2.1	68	30.0
30337	Core	0.21	1.1	110	0.7	2.8	67	36.7
30338	Core	0.19	1.1	113	0.9	2.9	57	42.6
30339	Core	0.24	1.1	108	1.1	3.3	46	52.6
30340	Core	0.24	1.4	113	1.4	3.8	48	54.3
30341	Core	0.90	3.2	197	3.2	8.4	119	121.3

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11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30292	Core		0.36	>10	150.6	1112	2.89	0.60	0.02	0.27	87.49	13.7	89	10.60	51.2
30292 Dup			0.33	>10	168.6	1155	3.72	0.61	0.02	0.33	91.62	14.5	96	11.42	48.9
QCV1109-03042-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.18												1075.8
30310	Core		0.30	>10	695.2	1124	4.13	0.26	0.06	1.51	114.13	21.3	118	8.48	48.1
30310 Dup			0.32	>10	710.1	1126	4.34	0.24	0.06	1.50	104.82	22.0	129	8.43	43.5
QCV1109-03042-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.61		11.0	402	2.20	8.78		0.94	90.43	22.7		7.21	>10000
30328	Core		0.24	5.71	348.9	305	1.08	0.17	0.08	0.67	39.64	3.1	138	2.69	26.1
30328 Dup			0.25	5.97	357.4	309	1.10	0.19	0.08	0.72	37.47	3.0	162	2.86	26.5
QCV1109-03042-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-03042-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.51		9.9	418	2.51	8.10		1.03	87.35	23.3		7.19	>10000
30292	Core	0.053													
30292 Dup		0.051													
30310	Core	0.044													
30310 Dup		0.042													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.865													
QCV1109-03043-0004-BLK		<0.005													
30328	Core	0.013													
30328 Dup		0.012													
QCV1109-03043-0006-BLK		0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.395													

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11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30292	Core	5.35	26.90	1.37	2.2	0.08	3.56	37.3	26.3	0.34	450	0.56	0.21	2.5	30.6
30292 Dup		5.30	29.03	1.45	2.4	0.09	4.28	41.4	27.1	0.33	448	0.59	0.20	3.2	30.7
QCV1109-03042-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30310	Core	5.19	32.63	1.74	3.5	0.10	4.77	63.5	26.0	0.32	529	0.52	0.25	3.8	59.2
30310 Dup		5.21	36.61	1.78	3.3	0.10	3.60	58.2	27.8	0.31	526	0.55	0.24	3.5	61.6
QCV1109-03042-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.24		3.3	1.12		40.3	24.0			0.87		13.9	44.5
30328	Core	1.50	12.27	<0.05	1.9	0.08	1.62	21.5	11.5	0.08	31	0.46	0.09	1.9	13.3
30328 Dup		1.55	12.79	<0.05	2.0	0.08	1.69	19.6	12.8	0.08	33	0.47	0.10	1.8	13.0
QCV1109-03042-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-03042-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.43		3.6	1.17		39.3	27.0			1.09		14.1	46.5

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11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30292	Core	314	15.2	194.0	0.003	0.046	7.10	14.6	1.4	2.6	48.5	0.40	0.19	12.5	0.076
30292 Dup		294	16.8	270.3	0.003	0.045	7.98	17.3	1.3	2.9	52.1	0.47	0.24	13.5	0.097
QCV1109-03042-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30310	Core	1005	10.4	248.9	0.005	0.048	3.36	23.5	<1.0	3.7	184.6	0.54	<0.05	26.8	0.121
30310 Dup		1003	10.7	205.8	0.003	0.053	3.48	22.2	<1.0	3.6	190.9	0.45	<0.05	21.2	0.116
QCV1109-03042-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.3	216.2	0.005	1.269	2.34	11.4	13.7	21.1	34.2	1.21	0.06	16.0	
30328	Core	764	46.0	79.8	0.002	0.048	1.88	6.8	1.0	1.8	42.0	0.19	<0.05	9.6	0.051
30328 Dup		796	47.7	84.4	0.003	0.049	1.92	7.3	1.4	1.8	42.4	0.20	<0.05	10.5	0.051
QCV1109-03042-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-03042-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.4	217.1	0.005	1.326	2.74	13.8	14.4	21.8	35.4	1.20	<0.05	15.5	

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11-360-07367-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30292	Core	1.34	3.3	193	1.9	5.2	139	81.3
30292 Dup		1.39	3.4	231	2.2	6.0	137	85.0
QCV1109-03042-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30310	Core	1.40	6.3	140	4.3	12.0	262	122.8
30310 Dup		1.35	6.1	156	4.2	9.2	256	120.2
QCV1109-03042-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.95	3.4			24.0	187	112.2
30328	Core	0.44	2.7	121	1.1	5.7	93	64.6
30328 Dup		0.49	3.0	144	1.0	5.8	97	66.8
QCV1109-03042-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-03042-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.92	3.2			25.7	191	121.1

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Inspectorate Exploration & Mining Services Ltd.
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 26**
Description: **3 ACE**

Date Received: 09/22/2011
Date Completed: 10/04/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	13	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

By _____
Mike Caron, Lab Manager

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Canada

Certificate of Analysis

11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29185	Reject	0.013	0.35	2.32	96.4	158	0.76	0.12	0.03	1.93	25.16	4.3	210	1.46	23.1
29186	Pulp	7.873	0.64	3.05	945.9	185	0.84	0.60	>10	4.12	31.51	7.4	100	6.83	39.3
29187	Reject	0.008	0.09	1.89	92.6	113	0.39	0.05	0.03	0.97	22.99	3.1	143	1.18	6.5
29188	Core	0.113	1.17	9.96	524.6	710	2.56	0.50	0.18	21.57	22.78	26.2	173	5.50	19.0
29189	Core	0.094	0.71	10.00	894.7	766	3.56	0.19	0.22	2.09	23.63	19.4	154	6.67	9.1
29190	Core	0.054	0.99	2.39	1029.1	150	0.82	0.11	0.02	4.13	62.81	3.9	160	1.86	10.2
29191	Core	0.034	0.48	1.90	337.5	97	0.60	0.03	0.02	2.42	17.08	2.7	186	1.18	6.9
29192	Core	0.072	0.92	2.87	2299.5	167	0.78	0.05	0.03	3.36	32.85	4.6	157	1.84	9.1
29193	Core	0.019	0.21	2.58	525.4	145	0.82	0.05	0.03	0.64	30.50	4.1	129	1.58	10.6
29194	Core	0.023	0.28	3.33	160.0	202	0.91	0.07	0.03	1.35	33.54	4.2	135	1.99	17.2
29195	Core	0.018	0.17	2.62	136.5	154	0.79	0.08	0.04	0.40	30.42	3.8	149	1.48	16.3
29196	Core	<0.005	0.12	3.73	34.1	242	1.06	0.15	0.08	0.87	35.78	6.5	140	1.98	17.6
29197	Core	0.018	0.09	3.75	143.4	242	1.29	0.16	0.06	0.80	32.71	7.1	170	2.35	14.8
29198	Core	0.053	0.29	2.11	1146.5	106	0.64	0.09	0.02	0.47	26.37	4.1	159	1.24	20.3
29199	Core	0.355	0.82	1.51	813.5	63	0.48	0.37	0.01	1.05	12.97	4.1	136	1.02	14.8
29200	Core	0.066	0.27	2.46	906.2	125	0.66	0.07	0.02	1.62	22.81	4.0	131	1.62	7.7

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11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29185	Reject	1.06	5.45	1.03	1.1	0.05	0.76	11.9	13.0	0.08	219	0.49	0.04	0.8	10.7
29186	Pulp	1.35	6.48	0.33	2.2	0.06	1.11	19.7	8.5	0.76	279	10.56	0.01	6.8	61.7
29187	Reject	1.02	4.43	0.98	1.1	<0.01	0.55	10.7	18.2	0.09	283	0.40	0.03	0.7	8.3
29188	Core	4.95	24.27	1.30	2.5	0.48	3.33	12.1	18.2	0.41	850	0.70	0.15	1.9	41.7
29189	Core	4.23	25.89	1.36	2.5	0.08	3.37	12.4	16.1	0.37	587	0.70	0.15	1.6	37.9
29190	Core	1.17	6.51	1.45	1.4	0.07	0.92	27.7	4.6	0.08	43	0.65	0.04	0.7	10.2
29191	Core	0.87	4.11	1.17	1.0	0.08	0.63	7.8	5.8	0.07	136	0.44	0.02	0.5	7.9
29192	Core	1.20	6.87	1.28	1.8	0.11	1.06	14.8	5.4	0.11	184	0.42	0.04	1.0	10.7
29193	Core	1.08	6.83	1.20	1.5	0.01	0.78	13.4	15.3	0.13	252	0.35	0.04	1.0	11.0
29194	Core	0.77	8.60	1.21	2.3	0.03	1.10	15.4	11.4	0.10	120	0.52	0.05	1.2	9.8
29195	Core	1.07	6.76	0.99	1.9	0.01	0.82	13.4	31.4	0.13	264	0.36	0.05	0.9	9.6
29196	Core	1.70	9.09	1.02	1.7	0.02	1.06	17.2	21.1	0.21	299	0.48	0.05	1.3	15.5
29197	Core	1.93	9.41	1.18	1.9	0.02	1.07	15.7	14.2	0.25	354	0.41	0.05	1.1	16.4
29198	Core	1.19	4.99	1.13	1.4	0.01	0.58	11.4	8.0	0.10	180	0.40	0.03	0.6	9.4
29199	Core	1.64	3.62	1.41	1.0	0.04	0.37	5.9	14.3	0.05	24	0.36	0.03	0.4	11.5
29200	Core	0.89	6.12	1.49	1.6	0.02	0.77	10.2	10.1	0.07	45	0.39	0.04	0.8	10.3

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11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29185	Reject	91	87.6	45.0	<0.002	0.316	0.78	3.2	<1.0	1.5	17.4	0.09	<0.05	8.3	0.024
29186	Pulp	2910	6.3	119.2	0.035	1.205	17.79	6.3	7.3	1.8	122.4	0.51	0.66	8.6	0.184
29187	Reject	70	5.6	32.5	<0.002	0.186	0.61	2.2	<1.0	0.7	13.2	0.07	<0.05	7.6	0.018
29188	Core	521	327.1	203.9	<0.002	3.185	3.32	14.8	<1.0	8.3	64.5	0.27	0.10	20.2	0.069
29189	Core	768	130.7	215.8	<0.002	3.033	3.61	16.4	<1.0	9.0	85.5	0.23	0.05	19.8	0.069
29190	Core	96	479.5	57.7	<0.002	0.960	2.65	2.4	<1.0	8.0	21.8	0.08	<0.05	11.4	0.020
29191	Core	58	136.9	39.8	<0.002	0.526	1.15	1.8	<1.0	3.4	7.3	0.06	<0.05	8.0	0.015
29192	Core	56	332.8	67.0	<0.002	0.752	3.82	3.0	<1.0	6.1	12.0	0.10	<0.05	13.0	0.025
29193	Core	61	41.3	48.7	<0.002	0.344	1.37	3.1	<1.0	2.1	15.8	0.08	<0.05	11.1	0.023
29194	Core	74	31.7	73.0	<0.002	0.416	1.10	3.8	<1.0	3.0	19.8	0.14	<0.05	16.2	0.033
29195	Core	130	24.7	47.8	<0.002	0.346	0.88	3.0	<1.0	1.1	22.9	0.14	<0.05	14.0	0.026
29196	Core	226	17.5	63.4	<0.002	0.111	0.87	5.0	<1.0	1.2	24.6	0.13	<0.05	12.7	0.032
29197	Core	133	17.4	64.3	<0.002	0.183	1.35	5.6	<1.0	1.2	19.6	0.12	0.07	13.9	0.029
29198	Core	51	64.6	40.0	<0.002	0.650	1.76	2.3	<1.0	1.8	13.3	0.06	<0.05	10.4	0.016
29199	Core	35	316.2	26.4	<0.002	1.674	2.58	1.4	<1.0	1.5	18.4	<0.05	<0.05	7.0	0.012
29200	Core	47	51.8	52.7	<0.002	0.722	1.96	2.2	<1.0	3.7	20.3	0.09	0.08	10.2	0.024

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29185	Reject	0.23	1.1	32	0.6	2.9	87	31.2
29186	Pulp	12.88	7.3	441	31.4	25.4	272	67.7
29187	Reject	0.20	0.9	27	0.6	2.5	40	29.8
29188	Core	1.02	3.6	142	2.9	6.7	2214	62.8
29189	Core	1.04	3.7	141	3.0	8.0	139	65.7
29190	Core	0.31	1.4	30	1.4	4.3	347	40.0
29191	Core	0.22	1.0	24	0.7	2.1	189	31.0
29192	Core	0.31	1.7	38	1.0	3.6	313	51.1
29193	Core	0.24	1.3	35	0.9	3.2	32	43.4
29194	Core	0.39	1.9	42	1.2	4.4	76	62.2
29195	Core	0.25	1.4	38	0.9	3.7	21	56.0
29196	Core	0.31	1.7	53	1.2	3.9	46	50.3
29197	Core	0.33	1.8	55	1.6	4.0	50	54.9
29198	Core	0.20	1.1	29	0.9	2.9	36	40.8
29199	Core	0.14	0.8	17	1.0	2.0	94	30.1
29200	Core	0.27	1.1	31	1.7	3.3	83	50.0

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Certificate of Analysis

11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29185	Reject		0.35	2.32	96.4	158	0.76	0.12	0.03	1.93	25.16	4.3	210	1.46	23.1
29185 Dup			0.47	2.39	95.0	157	0.73	0.12	0.03	1.90	22.24	3.8	228	1.47	23.9
QCV1109-02304-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1109-02304-0003-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.50		8.7	401	2.72	8.32		0.19	85.15	22.7		6.28	>10000
29185	Reject	0.013													
29185 Dup		0.011													
QCV1109-02305-0002-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.695													

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11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29185	Reject	1.06	5.45	1.03	1.1	0.05	0.76	11.9	13.0	0.08	219	0.49	0.04	0.8	10.7
29185 Dup		1.08	5.14	1.04	1.2	0.05	0.78	10.5	12.7	0.09	226	0.52	0.04	0.9	10.4
QCV1109-02304-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1109-02304-0003-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.54		4.1	1.12		40.6	25.0			0.78		13.4	38.9

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11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29185	Reject	91	87.6	45.0	<0.002	0.316	0.78	3.2	<1.0	1.5	17.4	0.09	<0.05	8.3	0.024
29185 Dup		93	86.7	45.1	<0.002	0.322	0.85	2.9	<1.0	1.4	18.4	0.10	<0.05	8.7	0.026
QCV1109-02304-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1109-02304-0003-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.4	197.5	<0.002	1.313	2.43	12.3	13.3	21.6	33.1	1.22	<0.05		0.305

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Certificate of Analysis

11-360-07533-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29185	Reject	0.23	1.1	32	0.6	2.9	87	31.2
29185 Dup		0.24	1.2	34	0.8	2.7	85	30.9
QCV1109-02304-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1109-02304-0003-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.3	193	2.3	24.4	163	115.8

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11-360-07746-01

Inspectorate Exploration & Mining Services Ltd.
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Phone: 604-272-7818

Distribution List

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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 33**
Client Reference: **Core 33**
Description: **3 ACE**

Date Received: 10/07/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	49	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Canada

Certificate of Analysis

11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29004	Core	0.575	0.56	2.94	255.1	141	0.95	0.06	0.03	1.06	22.91	3.2	136	1.70	17.6
29005	Core	0.039	0.10	3.55	148.1	198	1.46	0.05	0.03	0.93	36.61	3.4	120	2.18	14.5
29006	Core	0.007	0.11	3.80	111.1	211	1.39	0.06	0.02	1.60	37.68	4.6	84	2.37	16.8
29007	Core	0.006	0.15	3.20	393.5	161	1.11	0.64	0.03	1.26	45.93	1.4	98	3.86	14.0
29008	Core	0.093	5.00	2.32	379.2	115	0.77	8.26	0.02	1.31	22.65	0.5	99	4.78	6.9
29009	Core	0.188	0.38	2.48	150.3	129	0.93	0.17	0.02	0.44	27.24	0.7	89	2.72	6.9
29010	Core	0.074	0.31	2.03	177.5	104	0.78	0.13	0.02	0.24	20.86	0.7	76	1.60	5.4
29011	Core	0.034	0.23	3.47	416.9	167	1.40	0.05	0.04	1.87	29.87	4.4	119	2.27	15.1
29012	Core	0.040	0.06	2.43	322.9	103	0.87	0.09	0.04	0.73	24.60	3.4	115	1.40	12.0
29013	Core	0.190	0.06	2.35	320.1	103	0.71	0.06	0.03	0.33	26.13	2.3	152	1.44	36.1
29014	Core	0.011	0.34	2.42	125.2	120	0.79	0.07	0.02	0.15	28.21	1.9	141	1.63	12.7
29015	Core	0.012	0.07	2.13	282.8	110	1.03	0.10	0.05	0.33	23.00	4.4	107	1.43	21.3
29016	Core	1.088	0.46	>10	2863.1	1094	6.80	0.42	0.56	0.63	40.83	15.3	156	8.22	70.6
29017	Core	0.094	0.49	>10	175.4	1138	7.20	0.49	0.20	0.36	65.93	22.9	113	8.55	55.2
29018	Core	0.040	0.17	8.40	87.1	657	3.96	0.37	0.18	0.12	57.33	15.8	185	6.02	45.6
29019	Core	<0.005	0.06	5.82	39.5	419	2.44	0.12	0.55	0.07	44.85	6.6	133	3.48	25.0
29020	Core	0.370	0.70	3.52	190.4	176	1.34	0.05	0.48	0.08	36.93	5.2	117	1.90	14.0
29021	Core	0.106	0.52	3.00	257.9	147	1.03	0.06	0.32	0.10	22.79	4.5	158	1.62	11.6
29022	Core	0.045	0.22	3.32	863.9	172	1.46	0.04	0.46	0.06	16.64	5.6	158	2.02	17.9
29023	Core	0.027	0.03	4.00	679.2	241	1.62	0.07	0.59	0.06	34.60	6.8	131	2.58	18.1
29024	Core	0.109	0.08	2.40	382.6	112	0.77	0.10	0.52	0.10	26.27	3.8	111	1.39	9.4
29025	Core	0.018	0.08	3.08	611.6	164	1.35	0.05	0.16	0.21	36.89	4.4	104	1.76	11.5
29026	Core	0.007	0.05	2.68	103.0	128	0.99	0.05	0.14	0.27	29.94	4.0	147	1.52	7.3
29027	Core	0.180	0.28	2.48	561.6	121	0.78	0.04	0.75	0.05	32.60	3.4	135	1.43	7.4
29028	Core	0.151	0.03	2.68	52.9	128	0.63	0.04	0.54	0.02	33.09	3.5	125	1.72	7.8
29029	Core	0.006	0.02	2.63	27.5	109	1.00	0.07	0.57	0.03	37.50	4.4	128	2.09	8.3
29030	Core	0.638	0.20	>10	264.1	859	5.12	0.32	0.24	0.17	65.13	18.2	153	12.05	82.6
29031	Core	0.568	0.28	>10	684.6	938	4.78	0.38	0.34	0.77	55.16	17.0	166	15.33	64.7
29032	Core	0.839	0.29	8.50	808.2	661	4.11	0.25	0.72	0.20	51.58	16.0	158	12.02	52.8
29033	Core	0.021	0.32	8.97	60.6	847	3.83	0.28	1.56	0.04	46.17	14.9	135	10.12	39.9
29034	Core	0.087	0.09	>10	142.4	869	4.46	0.26	0.89	0.09	53.32	17.2	125	16.27	53.0
29035	Pulp	7.762	0.97	3.29	1176.3	195	1.30	0.58	>10	4.95	35.88	6.3	100	7.29	41.0
29036	Core	0.064	0.16	>10	121.3	912	4.49	0.25	0.76	0.08	39.26	15.1	131	16.71	59.4
29037	Core	0.023	0.10	>10	68.9	985	5.55	0.30	0.20	0.08	87.97	19.2	118	15.47	61.7
29038	Core	0.014	1.05	>10	39.8	871	4.61	0.39	0.27	0.13	61.54	19.1	129	10.88	57.7
29039	Core	0.006	0.28	>10	30.0	788	4.54	0.33	0.49	0.12	48.18	17.8	153	7.44	43.5
29040	Core	0.009	0.20	>10	28.3	945	5.32	0.40	0.22	0.06	76.00	19.5	128	8.44	55.3
29041	Core	0.019	0.22	>10	55.9	1071	6.31	0.41	0.29	0.46	35.24	21.2	132	9.28	58.8
29042	Core	0.011	0.08	2.70	20.0	109	0.65	0.06	1.11	0.42	29.08	5.0	134	1.49	9.5
29043	Core	0.009	0.40	2.33	22.0	102	0.63	0.03	0.61	0.56	25.58	3.2	160	1.57	8.7

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11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29044	Core	0.023	0.33	2.70	119.0	137	0.57	0.05	0.38	2.49	28.06	4.1	124	1.71	14.2
29045	Core	0.034	0.42	2.94	101.7	181	0.90	0.07	0.53	3.52	33.03	3.6	148	2.09	9.1
29046	Core	0.006	0.10	2.39	27.5	103	0.61	0.05	0.24	0.18	22.59	3.4	147	1.44	6.3
29047	Core	0.009	0.11	3.52	44.6	226	1.13	0.06	0.15	0.63	14.18	4.1	138	2.29	11.6
29048	Core	0.014	0.48	2.48	63.8	133	0.91	0.07	0.13	0.92	26.67	3.6	157	1.61	6.9
29049	Core	0.047	1.04	2.77	473.7	157	1.07	0.87	0.37	2.86	19.12	5.2	181	2.14	14.0
29050	Core	0.011	0.24	2.24	543.3	100	0.71	0.03	0.61	0.57	25.82	2.7	166	1.23	7.7
29051	Core	0.015	0.17	2.28	43.7	117	1.00	0.12	0.95	1.47	22.75	3.3	158	1.33	6.8
29052	Core	0.024	0.78	2.56	434.5	149	0.98	0.25	0.48	2.13	30.25	2.9	144	1.56	9.6
29053	Core	0.023	0.22	2.86	250.9	168	0.87	0.15	0.35	1.36	28.90	3.2	150	1.61	8.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29004	Core	1.35	7.61	0.99	6.4	0.05	0.75	10.4	31.5	0.06	117	0.44	0.05	0.9	8.2
29005	Core	1.36	9.05	1.02	4.5	0.02	0.93	17.4	27.4	0.13	115	0.49	0.07	1.2	10.4
29006	Core	1.19	10.34	0.95	4.6	0.02	1.06	17.1	19.7	0.06	244	0.34	0.07	1.2	10.1
29007	Core	1.18	9.18	1.04	4.3	0.19	0.91	21.0	117.8	0.06	30	0.41	0.07	1.2	5.5
29008	Core	0.51	5.99	1.44	2.6	0.22	0.74	10.3	9.8	0.06	21	0.36	0.03	0.7	2.8
29009	Core	0.35	6.96	1.51	2.4	0.03	0.85	12.7	157.9	0.06	24	0.38	0.04	0.7	2.9
29010	Core	0.41	5.71	1.42	2.2	0.03	0.75	10.0	84.6	0.06	31	0.44	0.03	0.6	2.8
29011	Core	1.61	9.24	1.07	3.3	0.03	0.90	13.8	89.5	0.06	169	0.37	0.07	1.0	12.5
29012	Core	1.09	6.40	1.05	2.6	0.03	0.58	11.0	42.0	0.04	106	0.52	0.04	0.8	7.1
29013	Core	1.09	6.27	1.14	2.6	0.03	0.56	11.6	65.6	0.04	66	0.60	0.03	0.7	5.4
29014	Core	1.06	6.63	1.04	20.2	0.02	0.62	13.1	75.9	0.04	70	0.41	0.04	1.7	5.3
29015	Core	1.62	5.65	1.03	3.7	0.02	0.53	10.3	74.0	0.04	157	0.51	0.04	1.1	11.6
29016	Core	4.42	39.80	2.00	10.3	0.07	4.65	20.8	71.9	0.85	848	0.80	0.23	4.2	39.4
29017	Core	5.05	38.06	1.97	7.7	0.07	4.36	36.1	95.4	0.95	658	0.77	0.29	3.3	48.3
29018	Core	3.64	24.15	1.78	5.3	0.05	2.88	29.5	118.5	0.66	407	0.83	0.19	3.2	34.5
29019	Core	2.60	17.43	1.46	3.8	0.03	1.89	22.7	52.3	0.62	594	0.44	0.31	1.8	22.0
29020	Core	1.52	10.17	1.16	3.3	0.01	0.88	16.8	23.4	0.36	430	0.48	0.61	1.0	13.1
29021	Core	1.40	8.78	1.31	2.5	<0.01	0.73	10.5	22.8	0.31	334	0.51	0.41	0.8	11.5
29022	Core	1.42	10.33	1.35	2.7	0.01	0.89	7.7	29.6	0.32	263	0.41	0.30	0.7	12.5
29023	Core	1.72	12.21	1.21	3.3	0.02	1.20	16.0	27.1	0.39	389	0.45	0.25	1.1	15.2
29024	Core	1.17	6.85	1.14	2.1	<0.01	0.55	11.9	16.4	0.25	378	0.45	0.32	0.8	9.8
29025	Core	1.14	9.34	1.12	3.3	0.01	0.79	16.1	15.2	0.17	254	0.44	0.31	1.1	10.8
29026	Core	1.14	7.56	1.10	2.9	<0.01	0.66	13.5	22.2	0.15	367	0.41	0.03	1.0	9.1
29027	Core	1.11	6.88	1.07	2.6	<0.01	0.56	14.4	24.2	0.23	474	0.47	0.03	1.0	8.7
29028	Core	1.16	7.50	0.95	2.7	<0.01	0.60	14.4	25.9	0.25	316	0.56	0.11	1.0	9.6
29029	Core	1.81	7.03	0.98	2.8	<0.01	0.52	16.9	49.7	0.33	386	0.48	0.14	0.9	10.9
29030	Core	5.05	35.35	1.74	6.5	0.07	4.33	35.3	180.3	1.05	473	0.62	0.21	3.0	49.0
29031	Core	4.81	38.34	1.74	6.2	0.07	4.71	29.6	45.6	0.99	490	0.59	0.20	2.9	45.2
29032	Core	3.83	26.76	2.05	4.7	0.04	3.04	27.2	120.5	0.85	625	0.95	0.17	1.8	37.6
29033	Core	4.46	25.71	1.26	4.4	0.05	3.18	24.6	166.2	1.28	1616	0.65	0.25	2.0	34.4
29034	Core	4.87	31.44	1.56	4.8	0.06	3.36	29.6	89.7	1.12	1176	0.83	0.33	2.1	42.1
29035	Pulp	1.32	8.87	0.59	3.9	0.06	1.36	21.7	17.2	0.76	281	13.80	<0.01	7.2	66.9
29036	Core	4.95	33.35	1.55	4.7	0.06	3.60	21.7	100.9	1.17	1147	0.87	0.35	2.5	44.3
29037	Core	5.25	37.88	1.75	5.6	0.07	3.71	50.1	186.8	1.03	666	0.73	0.46	2.8	48.9
29038	Core	5.57	35.14	1.75	5.5	0.07	3.41	34.4	124.9	1.10	625	0.56	0.44	2.6	50.7
29039	Core	4.95	32.91	1.75	4.9	0.06	3.15	25.9	118.7	1.09	666	0.53	0.32	1.7	42.5
29040	Core	5.35	38.47	1.68	5.6	0.07	3.23	40.7	117.3	1.13	451	0.58	0.38	3.4	51.5
29041	Core	5.00	42.51	1.77	6.6	0.09	4.48	19.1	115.8	1.11	520	0.59	0.37	3.0	52.3
29042	Core	2.14	7.42	0.92	2.0	0.02	0.51	12.6	37.9	0.49	911	0.40	0.16	0.6	11.4
29043	Core	1.19	6.21	0.92	2.0	0.02	0.56	11.4	25.6	0.29	673	0.40	0.19	0.5	7.8

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11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29044	Core	1.16	7.30	1.07	2.2	0.05	0.92	12.3	11.4	0.23	519	0.35	0.07	0.7	10.4
29045	Core	1.20	8.50	1.10	2.5	0.07	1.08	14.7	12.9	0.26	723	0.37	0.05	0.7	9.1
29046	Core	1.05	6.35	0.86	2.2	0.01	0.50	9.9	24.4	0.19	382	0.45	0.04	0.6	7.6
29047	Core	1.18	10.17	1.07	2.4	0.03	1.15	6.4	11.7	0.15	455	0.35	0.06	0.5	10.9
29048	Core	1.08	6.98	1.07	18.6	0.02	0.73	12.0	16.5	0.12	351	0.53	0.04	2.3	7.9
29049	Core	2.03	8.11	1.36	4.3	0.06	0.96	9.1	79.5	0.21	469	0.43	0.07	1.4	13.2
29050	Core	0.92	6.58	0.93	2.2	0.01	0.51	11.5	49.1	0.20	364	0.44	0.03	0.6	6.7
29051	Core	1.15	6.28	1.04	2.0	0.03	0.63	10.3	140.1	0.29	476	0.45	0.04	0.6	8.4
29052	Core	0.96	7.41	1.26	2.6	0.05	0.93	13.3	30.1	0.20	451	0.43	0.04	0.8	6.9
29053	Core	0.99	8.05	1.10	2.9	0.03	0.98	13.1	20.5	0.18	386	0.40	0.06	0.9	7.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29004	Core	105	116.3	39.2	<0.002	0.016	1.24	3.4	<1.0	0.7	11.8	0.16	<0.05	14.8	0.020
29005	Core	154	19.3	50.6	<0.002	0.036	0.75	5.0	<1.0	0.9	20.0	0.22	<0.05	16.2	0.036
29006	Core	98	22.3	55.8	<0.002	0.086	0.67	5.2	<1.0	0.9	18.6	0.21	<0.05	17.1	0.038
29007	Core	90	26.2	50.2	<0.002	0.014	0.93	4.6	<1.0	1.2	20.1	0.17	<0.05	19.4	0.034
29008	Core	56	693.0	42.0	<0.002	0.033	1.44	1.8	<1.0	2.8	19.3	0.12	<0.05	9.2	0.021
29009	Core	51	50.1	48.8	<0.002	0.013	1.31	1.9	<1.0	4.2	18.0	0.12	<0.05	8.4	0.021
29010	Core	73	130.7	39.0	<0.002	0.026	1.44	1.7	<1.0	4.3	16.7	0.11	<0.05	8.3	0.017
29011	Core	241	14.2	49.0	<0.002	0.045	0.90	4.7	<1.0	0.8	17.4	0.16	<0.05	14.5	0.029
29012	Core	266	9.3	31.2	<0.002	0.014	0.91	2.3	<1.0	0.5	12.4	0.14	<0.05	11.1	0.020
29013	Core	260	7.5	30.7	<0.002	0.013	0.84	2.4	<1.0	0.7	12.3	0.12	<0.05	13.6	0.020
29014	Core	235	9.3	35.1	0.002	<0.01	0.81	3.6	<1.0	0.7	12.5	0.20	<0.05	19.3	0.017
29015	Core	336	7.2	29.6	<0.002	0.024	0.88	2.5	<1.0	0.9	11.5	0.17	<0.05	12.0	0.017
29016	Core	411	39.9	250.2	0.002	0.962	6.41	23.5	<1.0	2.9	124.4	1.03	0.12	25.7	0.104
29017	Core	652	25.9	225.1	0.003	0.727	6.37	26.4	<1.0	2.8	89.8	0.81	0.08	29.0	0.109
29018	Core	182	24.2	154.8	<0.002	0.198	3.98	16.5	1.0	1.8	62.8	0.59	0.23	20.9	0.103
29019	Core	149	12.3	103.7	<0.002	0.036	0.75	11.0	<1.0	1.2	60.7	0.29	<0.05	18.3	0.060
29020	Core	75	12.7	46.9	0.004	0.155	0.75	4.9	<1.0	0.7	48.6	0.13	<0.05	15.1	0.033
29021	Core	76	22.6	42.0	0.002	0.091	0.65	4.1	<1.0	0.6	35.5	0.11	<0.05	13.0	0.026
29022	Core	77	9.1	51.5	<0.002	0.149	1.12	4.5	<1.0	0.8	53.2	0.12	<0.05	15.7	0.025
29023	Core	112	12.3	66.4	<0.002	0.081	1.18	6.1	<1.0	0.8	60.9	0.15	<0.05	16.9	0.038
29024	Core	80	30.4	32.1	<0.002	0.146	0.93	3.3	1.0	0.5	45.2	0.09	<0.05	11.5	0.023
29025	Core	77	11.6	46.3	<0.002	0.081	1.11	4.0	<1.0	0.6	31.2	0.15	<0.05	16.2	0.036
29026	Core	76	13.8	36.0	<0.002	0.028	0.67	3.4	<1.0	0.5	19.5	0.14	<0.05	14.7	0.032
29027	Core	131	12.1	32.7	<0.002	0.049	0.89	3.2	<1.0	0.6	57.3	0.12	<0.05	14.1	0.029
29028	Core	86	10.2	34.2	0.002	0.060	0.60	3.2	<1.0	0.5	45.0	0.13	<0.05	15.3	0.030
29029	Core	281	10.4	31.2	<0.002	0.034	0.60	3.4	<1.0	0.5	50.1	0.13	<0.05	17.7	0.026
29030	Core	578	29.4	253.7	0.002	0.347	1.96	22.7	<1.0	2.4	82.6	0.50	0.15	30.2	0.105
29031	Core	930	96.6	269.6	<0.002	1.309	1.92	24.6	<1.0	2.9	97.5	0.45	<0.05	28.5	0.102
29032	Core	795	18.8	184.8	<0.002	1.433	4.00	16.8	<1.0	2.5	112.6	0.31	<0.05	22.0	0.068
29033	Core	163	21.3	186.6	<0.002	1.071	5.76	18.5	<1.0	1.9	137.7	0.30	<0.05	21.7	0.072
29034	Core	1061	20.8	215.0	0.002	0.724	3.90	21.5	<1.0	2.3	176.4	0.35	0.12	25.2	0.069
29035	Pulp	4352	7.9	127.5	0.047	1.240	20.87	8.0	9.5	1.8	162.9	0.62	0.76	10.6	0.194
29036	Core	793	19.2	229.1	0.006	0.622	3.52	21.6	<1.0	2.4	174.3	0.40	0.08	23.8	0.068
29037	Core	284	28.7	241.5	<0.002	0.405	4.02	25.5	<1.0	2.7	183.2	0.51	0.08	33.5	0.089
29038	Core	452	30.9	204.1	0.003	0.730	1.63	24.1	<1.0	2.9	175.0	0.45	<0.05	30.0	0.089
29039	Core	493	45.7	186.0	<0.002	0.094	0.80	21.6	<1.0	2.3	150.5	0.30	<0.05	27.2	0.066
29040	Core	573	18.2	181.8	0.003	0.140	0.86	26.3	<1.0	2.7	157.6	0.49	<0.05	33.9	0.105
29041	Core	538	23.0	256.2	<0.002	0.454	1.24	28.6	<1.0	3.4	167.2	0.48	0.12	33.3	0.099
29042	Core	1796	19.4	28.5	<0.002	0.171	0.60	3.8	<1.0	0.9	50.3	0.13	<0.05	11.1	0.020
29043	Core	74	87.8	32.5	<0.002	0.269	0.85	3.1	<1.0	2.0	29.0	0.07	<0.05	12.3	0.018

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Certificate of Analysis

11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29044	Core	76	163.6	50.1	0.003	0.612	1.07	3.4	<1.0	5.6	21.8	0.10	<0.05	13.3	0.024
29045	Core	72	195.0	62.2	<0.002	0.753	1.04	4.1	<1.0	7.7	24.2	0.11	<0.05	14.0	0.025
29046	Core	80	22.5	30.4	<0.002	0.118	0.52	2.9	<1.0	1.6	17.4	0.08	<0.05	11.8	0.018
29047	Core	84	27.5	63.7	<0.002	0.387	0.99	4.7	<1.0	2.8	23.0	0.09	<0.05	13.2	0.020
29048	Core	103	54.1	43.3	<0.002	0.512	0.85	3.9	<1.0	2.3	14.6	0.27	<0.05	17.4	0.019
29049	Core	104	512.4	55.4	<0.002	1.445	1.84	4.4	<1.0	5.4	26.7	0.22	<0.05	12.9	0.023
29050	Core	73	17.3	29.0	<0.002	0.196	0.83	2.6	<1.0	0.7	44.0	0.09	<0.05	11.4	0.018
29051	Core	109	80.1	34.7	<0.002	0.223	0.64	2.9	<1.0	2.3	56.6	0.09	<0.05	9.9	0.018
29052	Core	106	123.2	51.2	<0.002	0.570	1.13	3.0	<1.0	6.6	26.0	0.13	<0.05	13.5	0.024
29053	Core	76	65.0	51.9	0.003	0.455	0.88	3.3	<1.0	3.6	25.6	0.14	<0.05	15.6	0.027

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29004	Core	0.23	1.3	29	3.3	3.3	243	41.0
29005	Core	0.30	1.5	36	1.6	3.7	130	46.7
29006	Core	0.33	1.6	38	1.5	4.3	126	57.7
29007	Core	0.31	1.5	35	1.4	3.9	243	61.6
29008	Core	0.32	1.0	20	17.3	2.4	82	35.5
29009	Core	0.26	0.9	20	2.2	2.3	16	37.4
29010	Core	0.23	0.8	16	1.7	2.0	22	30.1
29011	Core	0.28	1.8	33	1.8	4.2	105	47.9
29012	Core	0.20	1.4	20	1.8	3.0	63	34.3
29013	Core	0.17	1.3	19	2.0	2.8	41	38.0
29014	Core	0.23	1.3	21	1.6	3.2	34	42.0
29015	Core	0.18	1.4	16	2.1	3.0	70	30.3
29016	Core	1.49	3.5	134	6.3	7.5	126	87.3
29017	Core	1.47	4.2	145	3.8	6.8	134	92.0
29018	Core	0.88	2.7	97	2.9	5.2	83	70.8
29019	Core	0.57	1.8	69	1.5	4.8	63	62.3
29020	Core	0.28	1.5	41	1.3	4.3	54	56.1
29021	Core	0.22	1.2	33	1.1	3.2	36	45.2
29022	Core	0.27	1.3	38	1.7	3.5	30	48.7
29023	Core	0.38	1.5	46	1.7	4.3	38	55.8
29024	Core	0.19	1.2	26	1.0	3.5	32	39.2
29025	Core	0.26	1.5	31	1.9	4.0	43	56.5
29026	Core	0.22	1.3	28	1.6	3.4	49	46.5
29027	Core	0.17	1.2	26	1.6	4.3	31	48.4
29028	Core	0.20	1.5	28	1.2	3.3	25	43.4
29029	Core	0.18	1.6	29	1.1	3.9	39	47.1
29030	Core	1.43	4.2	137	5.2	7.6	124	99.6
29031	Core	1.71	4.2	145	6.1	8.0	152	95.9
29032	Core	1.12	2.8	100	7.2	6.9	87	68.6
29033	Core	1.05	2.8	111	2.5	5.5	93	66.0
29034	Core	1.23	3.9	123	4.2	8.2	119	74.1
29035	Pulp	14.55	8.0	422	46.8	28.0	262	78.5
29036	Core	1.36	3.6	129	4.2	7.5	113	74.1
29037	Core	1.37	4.2	143	3.9	7.4	123	88.7
29038	Core	1.14	4.2	137	11.3	7.4	110	87.1
29039	Core	1.04	3.7	128	1.0	7.4	111	78.1
29040	Core	1.28	4.7	152	1.7	8.4	114	93.8
29041	Core	1.36	4.7	161	1.5	8.9	135	106.4
29042	Core	0.16	1.2	33	1.0	5.4	59	35.1
29043	Core	0.16	0.9	26	1.0	2.9	48	35.5

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Certificate of Analysis

11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29044	Core	0.28	1.0	27	1.4	3.2	149	39.3
29045	Core	0.35	1.0	30	1.8	3.8	198	41.3
29046	Core	0.16	1.1	23	0.9	2.9	30	38.7
29047	Core	0.34	1.1	34	2.6	3.2	61	40.0
29048	Core	0.27	1.1	23	2.0	3.2	70	39.7
29049	Core	0.33	1.0	29	2.6	3.4	170	39.3
29050	Core	0.19	0.8	24	1.8	3.3	47	34.5
29051	Core	0.20	0.8	26	1.6	3.1	103	30.1
29052	Core	0.28	1.0	26	2.5	3.3	121	39.3
29053	Core	0.31	1.2	29	2.3	3.5	85	41.5

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11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29004	Core		0.56	2.94	255.1	141	0.95	0.06	0.03	1.06	22.91	3.2	136	1.70	17.6
29004 Dup			0.63	3.07	269.5	157	1.30	0.06	0.03	1.18	28.88	3.4	145	1.97	18.9
QCV1110-00742-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.09												995.3
29022	Core		0.22	3.32	863.9	172	1.46	0.04	0.46	0.06	16.64	5.6	158	2.02	17.9
29022 Dup			0.06	3.35	851.3	176	1.26	0.04	0.47	0.04	17.23	5.4	171	2.15	17.6
QCV1110-00742-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.58												1013.1
29040	Core		0.20	>10	28.3	945	5.32	0.40	0.22	0.06	76.00	19.5	128	8.44	55.3
29040 Dup			0.21	>10	30.1	1007	5.45	0.41	0.21	0.07	62.71	19.9	129	8.96	52.6
QCV1110-00742-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-00742-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.61		11.2	486	4.43	8.05		0.25	93.38	23.4		7.12	>10000
29004	Core	0.575													
29004 Dup		0.639													
29022	Core	0.045													
29022 Dup		0.035													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.437													
QCV1110-00743-0004-BLK		0.006													
QCV1110-00743-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.638													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29004	Core	1.35	7.61	0.99	6.4	0.05	0.75	10.4	31.5	0.06	117	0.44	0.05	0.9	8.2
29004 Dup		1.39	8.27	1.08	4.2	0.05	0.77	13.2	35.4	0.07	119	0.47	0.05	0.9	9.2
QCV1110-00742-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29022	Core	1.42	10.33	1.35	2.7	0.01	0.89	7.7	29.6	0.32	263	0.41	0.30	0.7	12.5
29022 Dup		1.44	10.61	1.27	3.2	0.01	0.90	14.9	33.1	0.32	269	0.50	0.30	0.9	14.6
QCV1110-00742-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29040	Core	5.35	38.47	1.68	5.6	0.07	3.23	40.7	117.3	1.13	451	0.58	0.38	3.4	51.5
29040 Dup		5.27	39.30	1.77	5.7	0.08	3.19	34.2	115.1	1.13	451	0.58	0.37	2.6	51.7
QCV1110-00742-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-00742-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result						1.19		46.4				0.84		14.6	45.3

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11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29004	Core	105	116.3	39.2	<0.002	0.016	1.24	3.4	<1.0	0.7	11.8	0.16	<0.05	14.8	0.020
29004 Dup		104	121.1	43.5	<0.002	0.016	1.39	4.1	<1.0	0.8	13.2	0.16	<0.05	14.4	0.022
QCV1110-00742-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
29022	Core	77	9.1	51.5	<0.002	0.149	1.12	4.5	<1.0	0.8	53.2	0.12	<0.05	15.7	0.025
29022 Dup		82	9.2	51.7	<0.002	0.147	1.14	4.8	<1.0	0.7	52.5	0.14	<0.05	17.7	0.032
QCV1110-00742-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
29040	Core	573	18.2	181.8	0.003	0.140	0.86	26.3	<1.0	2.7	157.6	0.49	<0.05	33.9	0.105
29040 Dup		566	20.7	180.0	<0.002	0.133	0.91	27.5	<1.0	2.8	165.3	0.46	0.10	31.8	0.092
QCV1110-00742-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-00742-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380			12.9	22.6					
STD-OREAS94-4A result			32.8	214.7	0.004	1.350			13.7	24.5	40.0				

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Certificate of Analysis

11-360-07746-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29004	Core	0.23	1.3	29	3.3	3.3	243	41.0
29004 Dup		0.23	1.4	29	3.1	3.6	253	41.5
QCV1110-00742-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
29022	Core	0.27	1.3	38	1.7	3.5	30	48.7
29022 Dup		0.29	1.5	40	1.9	4.1	29	54.9
QCV1110-00742-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
29040	Core	1.28	4.7	152	1.7	8.4	114	93.8
29040 Dup		1.32	4.6	151	1.1	8.2	115	91.8
QCV1110-00742-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-00742-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		1.06	3.3			27.1	177	126.1

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11-360-07747-01

Inspectorate Exploration & Mining Services Ltd.
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Distribution List

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#220 17010 103rd Ave
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core34**
Client Reference: **Core 34**
Description: **3 ACE**

Date Received: 10/07/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	40	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07747-01

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30390	Core	<0.005	0.46	>10	12.0	552	2.59	0.33	0.37	0.13	76.68	20.8	130	4.42	56.8
30391	Core	<0.005	0.32	5.63	7.9	279	1.84	0.15	0.16	0.12	54.24	11.2	173	2.39	28.5
30392	Core	0.112	0.33	2.69	203.7	112	0.64	0.11	0.12	0.36	27.91	5.9	159	1.92	16.7
30393	Core	0.012	0.27	9.96	32.2	510	2.87	0.30	0.43	0.11	75.55	19.0	119	5.08	48.6
30394	Core	<0.005	0.26	8.69	16.0	437	2.47	0.23	0.34	0.06	62.67	18.0	129	4.74	43.8
30395	Core	<0.005	0.24	4.48	7.6	226	1.13	0.16	0.16	0.06	36.60	7.9	179	2.13	22.4
30396	Reject	<0.005	0.20	2.23	4.8	80	0.62	0.06	0.08	0.04	23.76	3.6	189	0.94	14.5
30397	Reject	<0.005	0.23	2.26	4.8	72	0.47	0.06	0.09	0.03	22.22	4.0	195	0.87	16.6
30398	Core	<0.005	0.23	0.10	2.0	17	0.05	0.04	>10	0.06	1.02	1.2	10	0.43	4.0
30399	Core	0.010	0.32	6.46	29.8	395	1.82	0.22	0.11	0.13	51.07	10.0	165	3.04	37.2
30400	Core	0.009	0.19	4.89	20.2	313	1.51	0.13	0.46	0.09	42.39	5.3	182	2.25	26.7
30401	Core	0.008	0.34	9.64	17.0	601	2.86	0.31	0.28	0.08	57.87	17.9	167	4.27	50.4
30402	Core	0.013	0.28	>10	31.3	620	2.93	0.43	0.13	0.16	58.78	22.1	157	5.27	56.9
30403	Core	<0.005	0.18	6.35	11.6	355	1.86	0.14	0.63	0.05	64.70	12.6	145	2.46	34.0
30404	Core	<0.005	0.13	4.55	9.2	208	1.36	0.10	0.14	0.06	35.12	8.4	142	1.69	23.5
30405	Core	<0.005	0.34	>10	13.6	599	2.86	0.33	0.11	0.13	40.14	19.4	158	4.31	60.2
30406	Core	<0.005	0.33	8.50	7.4	466	2.32	0.19	0.15	0.06	50.88	14.9	138	3.48	43.1
30407	Core	<0.005	0.31	4.89	7.3	231	1.60	0.08	0.15	0.02	35.95	9.7	125	2.10	25.5
30408	Core	<0.005	0.22	8.08	10.4	437	2.23	0.20	0.14	0.06	55.70	15.6	130	3.67	42.4
30409	Core	0.008	0.22	>10	17.7	849	4.12	0.41	0.14	0.09	80.46	23.8	151	8.31	69.9
30410	Core	<0.005	0.15	2.61	5.4	92	0.53	0.07	0.08	0.04	29.85	5.4	143	1.05	29.0
30411	Core	<0.005	0.13	5.17	6.4	247	1.35	0.12	0.12	0.04	53.97	7.8	155	2.51	23.4
30412	Core	0.007	0.30	7.83	13.2	463	2.16	0.25	0.15	0.20	60.09	13.5	171	3.81	36.1
30413	Core	<0.005	0.38	2.60	8.4	94	0.56	0.06	0.07	0.06	28.24	4.9	194	1.17	15.6
30414	Core	0.009	0.19	4.18	39.0	157	1.05	0.13	0.06	0.08	41.46	7.0	199	4.13	26.5
30415	Core	0.011	0.21	2.60	20.7	98	0.64	0.11	0.09	0.03	24.89	4.0	226	1.64	14.7
30416	Core	0.005	0.20	4.03	12.8	202	1.17	0.18	0.13	0.04	26.79	7.8	213	2.32	29.7
30417	Core	0.006	0.14	3.25	10.4	146	0.70	0.12	0.08	0.04	19.94	4.9	243	1.89	16.9
30418	Core	<0.005	0.28	9.56	16.0	626	2.73	0.36	0.15	0.07	68.72	13.0	153	4.43	41.3
30419	Core	0.011	0.19	5.77	8.2	331	1.71	0.22	0.17	0.06	58.00	8.8	200	2.85	28.4
30420	Core	0.021	0.23	2.52	6.2	106	0.74	0.13	0.13	0.02	23.69	4.6	230	1.33	14.0
30421	Core	0.014	0.17	2.55	9.5	93	0.65	0.19	0.23	0.16	23.30	6.7	229	1.34	26.6
30422	Core	0.015	0.42	>10	21.0	1202	4.71	0.48	0.09	0.22	97.81	12.3	173	7.39	69.3
30423	Core	<0.005	0.32	4.38	8.1	251	1.03	0.13	0.08	0.04	35.00	5.6	172	2.13	15.8
30424	Core	<0.005	1.05	2.78	15.9	156	0.68	0.13	0.05	0.11	19.47	5.2	174	1.54	16.9
30425	Core	<0.005	0.17	2.36	12.7	121	0.59	0.13	0.06	0.12	22.22	3.8	208	1.58	38.9
30426	Core	0.013	0.14	2.26	142.6	116	0.56	0.07	0.06	0.04	15.53	5.0	188	1.20	21.7
30427	Core	<0.005	0.93	2.23	8.4	106	0.36	0.07	0.05	0.03	18.23	3.7	168	1.22	14.4
30428	Core	<0.005	0.10	2.05	5.0	102	0.51	0.06	0.05	<0.02	18.93	3.2	182	1.22	13.5
30429	Core	<0.005	0.18	1.78	8.4	79	0.39	0.06	0.04	0.02	13.46	2.6	224	1.26	12.0

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
30430	Core	0.023	0.09	2.01	231.7	93	0.40	0.07	0.04	0.04	13.93	3.7	199	1.09	14.3
30431	Core	0.016	0.13	2.40	212.8	119	0.42	0.09	0.05	0.04	16.19	5.1	183	1.20	16.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30390	Core	5.15	25.54	1.37	6.4	0.08	2.73	38.1	63.4	0.97	716	0.45	0.15	3.0	47.7
30391	Core	3.87	14.05	1.08	3.3	0.04	1.35	25.8	22.5	0.29	991	0.39	0.08	1.9	27.1
30392	Core	2.35	5.82	1.08	1.4	0.03	0.71	12.4	15.8	0.10	493	0.38	0.04	1.1	20.4
30393	Core	5.12	23.50	1.37	3.5	0.08	2.75	37.7	74.8	0.74	874	0.39	0.16	2.5	43.7
30394	Core	5.33	21.37	1.23	3.5	0.07	2.23	29.5	43.6	0.51	1171	0.36	0.13	1.9	43.4
30395	Core	2.02	9.97	0.99	2.0	0.03	1.13	17.5	18.4	0.15	577	0.52	0.07	1.5	17.7
30396	Reject	1.67	4.54	0.82	1.0	0.02	0.39	11.3	10.4	0.10	458	0.41	0.02	0.6	10.9
30397	Reject	1.74	4.57	0.76	1.1	0.02	0.40	10.3	10.3	0.10	466	0.35	0.02	0.8	10.9
30398	Core	0.51	0.30	<0.05	<0.1	0.02	0.05	0.6	1.6	>10	236	0.16	<0.01	0.2	3.1
30399	Core	2.27	15.23	1.05	2.8	0.05	2.00	25.2	21.5	0.19	526	0.38	0.12	1.7	23.8
30400	Core	2.35	11.37	0.93	1.8	0.04	1.48	20.2	13.6	0.17	979	0.35	0.09	1.2	12.8
30401	Core	4.32	22.63	1.03	3.3	0.07	3.02	29.2	28.0	0.45	656	0.50	0.17	1.9	38.9
30402	Core	4.21	26.45	1.11	3.7	0.08	3.27	30.6	37.2	0.58	592	0.44	0.18	2.2	44.5
30403	Core	2.97	15.02	1.06	2.6	0.04	1.47	28.5	26.5	0.28	539	0.35	0.09	1.3	33.6
30404	Core	2.99	10.58	1.00	1.7	0.04	0.99	17.2	22.6	0.20	710	0.30	0.06	1.0	21.5
30405	Core	3.34	25.15	1.07	3.7	0.08	3.16	20.6	34.2	0.40	575	0.36	0.18	1.7	40.7
30406	Core	4.56	20.11	0.98	3.5	0.07	2.17	24.6	30.2	0.34	891	0.31	0.12	1.6	34.9
30407	Core	2.85	10.93	0.98	1.7	0.04	1.08	17.5	20.7	0.18	741	0.28	0.06	1.0	21.1
30408	Core	3.08	18.87	1.04	2.8	0.06	2.17	27.1	29.6	0.25	739	0.36	0.12	1.7	40.3
30409	Core	3.84	35.65	1.26	4.6	0.10	4.69	38.9	55.7	0.46	504	0.48	0.28	3.0	48.8
30410	Core	1.73	5.59	0.80	1.3	0.02	0.47	13.6	16.6	0.11	399	0.33	0.03	0.9	11.5
30411	Core	3.21	11.71	0.97	2.3	0.04	1.27	24.7	20.7	0.28	717	0.38	0.09	1.2	23.0
30412	Core	3.34	18.82	0.95	2.7	0.05	2.33	29.3	21.5	0.37	676	0.43	0.14	1.9	25.9
30413	Core	1.72	5.44	0.97	1.2	0.02	0.48	13.2	13.3	0.16	579	0.39	0.03	0.7	10.5
30414	Core	1.86	9.22	1.23	1.6	0.03	0.84	20.4	75.4	0.23	549	0.36	0.11	0.9	17.3
30415	Core	0.86	5.27	1.15	1.4	0.02	0.52	11.6	25.9	0.07	243	0.50	0.04	0.8	9.2
30416	Core	1.93	9.05	0.99	1.6	0.02	0.99	13.1	19.4	0.20	406	0.41	0.07	0.8	14.9
30417	Core	1.49	6.99	1.08	1.3	0.02	0.73	9.5	28.0	0.16	266	0.53	0.05	0.6	14.1
30418	Core	3.67	22.26	1.08	3.0	0.06	3.12	34.1	31.5	0.59	440	0.42	0.22	2.3	31.1
30419	Core	2.43	13.04	1.00	2.3	0.04	1.58	29.4	24.1	0.41	380	0.50	0.35	1.6	20.8
30420	Core	0.93	5.28	0.97	1.2	0.02	0.49	10.7	8.4	0.10	299	0.41	0.03	0.8	8.7
30421	Core	1.31	5.41	1.00	1.4	0.03	0.45	10.5	12.6	0.08	496	0.50	0.03	0.7	11.7
30422	Core	1.99	40.38	1.41	3.6	0.09	5.26	51.8	30.3	0.44	182	0.58	0.36	5.1	30.7
30423	Core	1.50	10.23	0.97	1.9	0.03	1.28	17.4	14.5	0.11	328	0.34	0.08	1.4	14.1
30424	Core	1.20	6.61	0.92	3.8	0.02	0.72	9.5	12.4	0.08	339	0.43	0.04	1.8	11.0
30425	Core	0.87	5.63	0.94	1.4	0.02	0.59	11.2	9.9	0.06	320	0.41	0.03	0.9	9.4
30426	Core	0.99	5.36	0.95	1.2	0.02	0.56	7.7	10.2	0.07	311	0.47	0.04	0.9	8.8
30427	Core	0.91	5.12	0.92	1.2	0.01	0.51	9.1	10.6	0.06	245	0.32	0.03	0.9	8.1
30428	Core	0.86	4.79	0.87	1.0	0.02	0.49	9.2	11.7	0.05	261	0.41	0.03	0.7	7.2
30429	Core	0.70	3.95	1.06	0.9	0.01	0.36	6.3	13.0	0.04	235	0.39	0.02	0.6	6.5

3Ace Property, Northern Tiger Resources Inc.

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30430	Core	0.89	4.43	1.04	1.0	0.01	0.47	6.8	8.4	0.05	265	0.48	0.03	0.7	8.5
30431	Core	1.05	5.63	0.93	1.3	0.02	0.56	7.9	7.2	0.06	329	0.35	0.03	0.9	9.3

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30390	Core	341	22.4	147.4	0.004	0.082	1.42	16.4	3.2	2.5	42.7	0.43	0.67	20.3	0.081
30391	Core	113	23.5	74.9	0.003	0.046	1.12	8.5	3.2	1.5	23.2	0.20	0.63	14.0	0.050
30392	Core	328	55.5	39.4	0.003	1.560	6.08	3.0	3.3	4.9	17.2	0.11	0.59	6.4	0.024
30393	Core	507	28.3	143.5	0.003	0.214	1.70	14.3	3.1	2.4	42.7	0.28	0.66	16.2	0.077
30394	Core	199	24.6	117.7	0.003	0.101	1.29	12.8	3.7	1.9	37.4	0.20	0.63	15.7	0.062
30395	Core	453	21.7	56.4	0.003	0.049	0.79	5.6	3.5	1.1	68.1	0.13	0.64	9.7	0.041
30396	Reject	54	19.2	21.9	<0.002	0.093	0.69	2.4	3.1	1.0	10.2	0.06	0.61	6.0	0.016
30397	Reject	62	15.1	21.7	<0.002	0.099	0.64	2.4	3.3	1.2	10.2	0.06	0.60	5.9	0.019
30398	Core	75	2.6	2.4	0.003	<0.01	<0.05	0.5	3.2	0.2	38.2	<0.05	0.63	0.2	<0.005
30399	Core	161	22.7	100.9	0.003	0.200	1.38	8.7	3.7	2.4	45.3	0.17	0.58	12.4	0.059
30400	Core	2170	12.4	73.1	0.002	0.167	0.88	6.8	3.2	1.6	207.9	0.11	0.62	9.6	0.040
30401	Core	919	15.2	152.1	0.004	0.237	2.70	13.7	3.4	2.2	111.4	0.22	0.71	14.6	0.071
30402	Core	216	19.5	173.2	0.002	0.307	2.57	15.5	3.2	2.7	58.4	0.23	0.69	16.1	0.080
30403	Core	3135	11.2	78.5	0.002	0.050	0.98	8.8	3.4	1.5	300.0	0.12	0.61	11.3	0.042
30404	Core	234	16.6	54.8	0.003	0.046	0.78	5.6	3.2	1.1	59.1	0.08	0.62	7.8	0.031
30405	Core	234	26.2	163.8	0.002	0.085	1.26	15.0	3.3	2.3	100.6	0.19	0.61	15.6	0.066
30406	Core	191	15.0	122.9	0.004	0.039	0.85	11.9	2.9	2.0	69.6	0.17	0.63	14.2	0.056
30407	Core	202	10.9	60.7	<0.002	0.018	0.51	5.9	3.2	1.2	57.2	0.08	0.57	7.6	0.032
30408	Core	327	15.0	112.7	0.003	0.049	0.93	10.8	3.2	1.7	159.5	0.15	0.67	12.5	0.059
30409	Core	261	10.0	230.1	0.005	0.097	1.71	20.4	3.1	3.2	106.7	0.32	0.70	19.9	0.119
30410	Core	71	13.4	26.4	0.002	0.016	0.50	3.1	2.8	2.5	15.3	0.06	0.53	7.0	0.025
30411	Core	134	15.3	66.4	0.003	0.031	0.67	6.8	3.0	1.4	33.8	0.09	0.66	10.8	0.041
30412	Core	380	14.9	123.6	0.003	0.157	1.73	11.1	3.1	1.9	67.9	0.15	0.65	14.0	0.070
30413	Core	68	11.0	26.0	<0.002	0.023	0.72	2.9	3.3	1.2	19.2	0.05	0.60	6.3	0.021
30414	Core	88	11.8	46.7	0.003	0.104	1.39	5.1	3.1	1.3	51.2	0.08	0.65	9.0	0.029
30415	Core	236	12.5	28.5	<0.002	0.105	1.19	2.0	3.2	1.1	18.8	0.07	0.57	6.0	0.017
30416	Core	346	18.1	54.6	<0.002	0.095	0.91	4.2	3.2	2.1	22.2	0.07	0.62	8.6	0.025
30417	Core	122	20.1	40.3	0.003	0.056	0.54	3.2	3.2	1.4	15.4	0.05	0.58	7.1	0.018
30418	Core	266	19.9	151.3	<0.002	0.125	1.34	12.8	3.6	2.2	47.2	0.21	0.66	15.6	0.086
30419	Core	391	15.3	85.4	0.003	0.087	0.79	6.3	2.8	1.6	30.6	0.14	0.65	11.4	0.053
30420	Core	392	17.1	28.3	0.002	0.071	0.73	2.0	3.4	1.0	12.5	0.07	0.63	5.9	0.017
30421	Core	919	15.7	25.3	<0.002	0.096	0.97	2.4	3.0	2.3	15.7	0.08	0.64	5.6	0.016
30422	Core	281	30.7	242.7	0.003	0.173	1.95	21.2	3.1	4.1	101.3	0.46	0.64	21.8	0.182
30423	Core	93	17.3	68.2	<0.002	0.068	0.81	5.1	3.2	1.3	29.4	0.10	0.63	8.3	0.044
30424	Core	10	54.7	41.8	0.005	0.067	0.75	3.3	3.9	1.2	14.1	0.22	0.73	6.7	0.029
30425	Core	91	28.0	35.4	0.002	0.070	0.84	2.6	3.2	4.0	11.6	0.10	0.58	5.9	0.023
30426	Core	24	12.9	32.4	0.004	0.078	0.82	2.4	3.7	1.8	11.0	0.09	0.62	4.9	0.021
30427	Core	44	10.3	30.1	<0.002	0.031	0.63	2.3	4.7	1.0	11.1	0.09	0.62	5.6	0.024
30428	Core	<10	7.5	28.9	0.004	0.027	0.55	2.0	4.5	1.2	13.0	0.06	0.62	5.0	0.018
30429	Core	<10	9.4	22.8	0.003	0.027	0.77	1.4	4.2	1.2	10.2	0.05	0.61	4.5	0.015

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Canada

Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30430	Core	19	7.0	26.8	<0.002	0.173	1.05	1.8	3.2	1.7	17.7	0.07	0.60	5.3	0.019
30431	Core	11	13.9	33.4	<0.002	0.122	0.94	2.4	3.9	1.9	13.4	0.10	0.61	5.6	0.025

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Canada

Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30390	Core	0.75	3.9	141	0.8	9.8	139	121.9
30391	Core	0.40	2.7	71	0.8	8.3	78	100.0
30392	Core	0.32	1.3	25	1.1	4.6	30	39.0
30393	Core	0.73	3.8	125	0.8	9.5	145	104.4
30394	Core	0.62	3.6	115	1.0	9.2	128	109.7
30395	Core	0.33	2.0	46	1.0	6.6	49	62.9
30396	Reject	0.15	1.0	21	0.5	3.1	25	33.1
30397	Reject	0.15	1.0	21	0.6	3.2	27	34.5
30398	Core	0.04	0.4	306	0.1	0.8	19	0.6
30399	Core	0.52	2.8	74	1.2	6.4	71	81.1
30400	Core	0.39	2.0	56	1.2	8.9	46	57.3
30401	Core	0.80	3.6	115	1.6	8.9	113	100.9
30402	Core	0.88	4.3	136	1.9	8.8	123	114.0
30403	Core	0.41	2.4	75	1.3	12.0	84	84.3
30404	Core	0.29	1.5	50	1.4	5.0	60	55.5
30405	Core	0.82	3.8	132	2.1	8.7	120	114.9
30406	Core	0.64	3.0	109	1.9	8.7	109	112.8
30407	Core	0.32	1.4	54	1.3	5.0	63	56.0
30408	Core	0.54	2.8	94	2.0	7.7	101	95.6
30409	Core	1.12	5.4	190	3.0	10.9	175	151.8
30410	Core	0.14	1.2	28	0.5	3.7	33	44.1
30411	Core	0.35	2.3	64	1.2	6.4	66	74.9
30412	Core	0.60	3.1	97	1.6	7.8	75	94.5
30413	Core	0.16	1.0	29	0.8	3.2	35	38.5
30414	Core	0.25	2.7	46	2.3	4.8	49	53.7
30415	Core	0.16	1.4	21	1.0	3.6	23	40.3
30416	Core	0.30	2.1	41	0.8	4.8	49	51.3
30417	Core	0.19	1.3	32	0.6	3.2	37	39.3
30418	Core	0.82	3.8	115	0.5	7.3	87	92.5
30419	Core	0.43	2.9	66	0.4	6.3	60	73.5
30420	Core	0.15	1.4	21	0.5	3.7	26	37.5
30421	Core	0.14	1.8	21	0.7	5.5	71	44.3
30422	Core	1.52	5.8	184	2.2	8.8	114	114.5
30423	Core	0.34	2.0	46	0.9	4.7	39	60.6
30424	Core	0.22	1.1	28	1.1	3.0	52	41.0
30425	Core	0.19	1.0	23	3.9	3.0	40	37.3
30426	Core	0.18	0.9	22	0.7	2.6	34	33.6
30427	Core	0.17	1.1	22	0.9	2.7	21	36.8
30428	Core	0.16	0.9	19	0.5	2.4	19	30.0
30429	Core	0.13	0.8	15	0.8	2.0	20	24.7

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Canada

Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30430	Core	0.16	1.0	18	0.8	2.2	21	30.3
30431	Core	0.19	1.1	24	0.8	2.8	27	36.0

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Canada

Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30390	Core		0.46	>10	12.0	552	2.59	0.33	0.37	0.13	76.68	20.8	130	4.42	56.8
30390 Dup			0.33	>10	11.4	535	2.79	0.30	0.35	0.14	86.46	18.9	128	4.25	56.0
QCV1110-00744-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.85												1061.5
30408	Core		0.22	8.08	10.4	437	2.23	0.20	0.14	0.06	55.70	15.6	130	3.67	42.4
30408 Dup			0.18	7.95	9.3	448	1.97	0.19	0.15	0.06	62.40	15.4	125	3.73	40.5
QCV1110-00744-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.60												1033.3
30426	Core		0.14	2.26	142.6	116	0.56	0.07	0.06	0.04	15.53	5.0	188	1.20	21.7
30426 Dup			0.11	2.21	157.5	116	0.70	0.08	0.06	0.05	19.79	5.6	216	1.21	17.1
QCV1110-00744-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.41		8.6	401	2.56	7.98		0.17	79.37	22.2		6.20	>10000
30390	Core	<0.005													
30390 Dup		<0.005													
30408	Core	<0.005													
30408 Dup		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.490													
QCV1110-00745-0004-BLK		<0.005													
30426	Core	0.013													
30426 Dup		0.013													
QCV1110-00745-0006-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30390	Core	5.15	25.54	1.37	6.4	0.08	2.73	38.1	63.4	0.97	716	0.45	0.15	3.0	47.7
30390 Dup		5.05	24.00	1.29	4.2	0.09	2.85	42.5	60.0	0.98	699	0.39	0.16	3.1	45.7
QCV1110-00744-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30408	Core	3.08	18.87	1.04	2.8	0.06	2.17	27.1	29.6	0.25	739	0.36	0.12	1.7	40.3
30408 Dup		3.17	18.48	1.05	3.0	0.05	2.09	30.6	29.6	0.24	764	0.33	0.12	1.7	40.5
QCV1110-00744-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30426	Core	0.99	5.36	0.95	1.2	0.02	0.56	7.7	10.2	0.07	311	0.47	0.04	0.9	8.8
30426 Dup		1.04	5.24	0.88	1.1	0.02	0.53	9.8	9.9	0.06	325	0.45	0.03	0.7	8.7
QCV1110-00744-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.70		3.9	1.15		39.7	27.1			0.69		13.6	39.5

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Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30390	Core	341	22.4	147.4	0.004	0.082	1.42	16.4	3.2	2.5	42.7	0.43	0.67	20.3	0.081
30390 Dup		347	22.3	144.3	0.005	0.081	1.30	15.1	3.4	2.5	42.5	0.44	0.67	17.1	0.085
QCV1110-00744-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000							2.8					
30408	Core	327	15.0	112.7	0.003	0.049	0.93	10.8	3.2	1.7	159.5	0.15	0.67	12.5	0.059
30408 Dup		320	13.3	112.6	0.002	0.047	0.83	10.8	2.8	1.8	160.2	0.15	0.60	12.0	0.063
QCV1110-00744-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30426	Core	24	12.9	32.4	0.004	0.078	0.82	2.4	3.7	1.8	11.0	0.09	0.62	4.9	0.021
30426 Dup		12	12.0	32.3	<0.002	0.078	0.80	2.4	4.3	1.3	10.3	0.07	0.63	5.1	0.020
QCV1110-00744-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.1	196.1	0.004	1.317	2.51	11.8	13.1	22.0	30.9	1.03	0.63	16.4	

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Certificate of Analysis

11-360-07747-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30390	Core	0.75	3.9	141	0.8	9.8	139	121.9
30390 Dup		0.75	4.0	139	0.6	9.8	136	117.0
QCV1110-00744-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30408	Core	0.54	2.8	94	2.0	7.7	101	95.6
30408 Dup		0.59	2.8	95	1.9	7.8	96	93.7
QCV1110-00744-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30426	Core	0.18	0.9	22	0.7	2.6	34	33.6
30426 Dup		0.18	0.9	22	0.6	2.5	33	31.3
QCV1110-00744-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.83	3.2			24.5	176	116.8

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11-360-07748-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 35**
Client Reference: **Core 35**
Description: **3 ACE**

Date Received: 10/11/2011
Date Completed: 10/28/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	52	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30251	Core	0.007	0.28	>10	15.9	906	3.30	0.42	0.17	0.14	85.15	18.8	155	9.19	67.3
30252	Core	<0.005	0.50	>10	12.9	946	3.41	0.49	0.20	0.17	97.82	20.9	145	9.22	75.2
30253	Core	<0.005	0.25	>10	8.7	876	3.71	0.44	0.14	0.19	88.50	17.9	137	8.50	67.1
30254	Core	<0.005	0.44	>10	16.1	861	3.62	0.40	0.21	0.19	80.57	18.5	182	8.27	63.5
30255	Core	0.009	0.73	>10	24.1	850	3.71	0.52	0.18	0.17	105.18	19.9	175	8.55	70.5
30256	Reject	<0.005	0.48	>10	30.4	972	4.15	0.51	0.36	0.28	92.15	20.6	156	9.59	85.0
30257	Pulp	7.842	0.83	3.44	846.7	175	1.07	0.65	>10	4.24	30.34	5.7	97	7.46	42.9
30258	Reject	0.008	0.62	>10	30.5	1021	4.17	0.61	0.23	0.27	78.25	20.1	132	9.75	82.9
30259	Core	<0.005	0.32	3.31	7.5	148	0.76	0.07	0.52	0.06	34.85	5.2	104	1.92	11.8
30260	Core	<0.005	0.27	2.62	68.8	82	0.55	0.05	0.94	0.04	29.67	3.3	106	1.26	6.9
30261	Core	0.645	0.32	3.05	348.2	142	0.88	0.06	0.41	0.09	31.17	4.0	126	1.98	14.0
30262	Core	0.045	0.16	2.98	149.6	134	0.77	0.06	0.46	0.05	33.91	4.3	112	1.91	9.3
30263	Core	0.031	0.12	2.28	434.5	90	0.60	0.04	0.59	0.06	22.11	3.3	83	1.35	7.6
30264	Core	<0.005	0.13	3.34	13.2	158	0.76	0.09	0.34	0.12	30.29	5.2	160	1.86	9.6
30265	Core	<0.005	0.33	3.26	10.0	153	0.65	0.07	0.35	0.08	30.58	4.5	140	1.84	10.7
30266	Core	<0.005	0.27	2.75	15.9	137	0.52	0.06	0.18	0.11	33.21	3.7	92	1.67	8.8
30267	Core	0.007	0.15	2.30	159.2	77	0.55	0.05	0.33	0.08	25.91	3.0	91	1.03	7.4
30268	Core	0.081	0.43	7.34	454.4	423	1.79	0.11	0.38	0.20	44.08	9.4	140	3.56	25.8
30269	Core	0.026	0.17	3.95	260.6	194	1.09	0.07	0.14	0.10	32.12	6.2	110	1.98	17.3
28966	Core	0.011	0.28	>10	19.9	486	2.83	0.33	0.17	0.10	94.80	10.2	166	6.93	47.2
28967	Core	<0.005	0.34	8.63	7.8	422	2.22	0.27	0.56	0.13	72.13	10.5	195	5.78	47.2
28968	Core	<0.005	0.30	>10	9.8	544	2.74	0.34	2.79	0.26	94.25	15.7	135	7.32	60.6
28969	Core	<0.005	0.39	>10	12.1	563	3.63	0.50	0.65	0.19	113.71	16.2	111	7.84	62.2
28970	Core	<0.005	0.33	>10	12.5	606	4.08	0.41	0.26	0.17	123.29	13.3	112	8.96	64.1
28971	Core	<0.005	0.24	>10	12.5	596	3.75	0.57	0.30	0.16	118.80	14.4	107	8.35	62.8
28972	Core	<0.005	0.37	>10	11.4	654	4.17	0.57	0.20	0.13	121.34	12.6	105	9.28	61.6
28973	Core	<0.005	0.43	>10	11.2	694	5.22	0.43	0.14	0.15	100.24	12.4	139	10.59	56.8
28974	Core	<0.005	0.17	2.04	2.3	97	0.80	0.10	1.03	0.08	19.31	3.7	182	1.55	11.1
28975	Core	<0.005	0.23	>10	14.0	601	3.87	0.27	0.42	0.14	104.80	13.3	194	9.02	38.4
28976	Core	<0.005	0.23	>10	12.3	496	2.50	0.54	3.50	0.13	79.09	13.2	162	7.25	47.3
28977	Core	<0.005	0.58	>10	6.2	592	3.06	0.14	2.29	0.20	88.61	15.3	110	7.30	49.7
28978	Core	<0.005	0.23	>10	11.9	684	3.19	0.34	0.26	0.15	112.76	14.0	113	9.27	57.9
28979	Core	<0.005	0.35	>10	7.9	641	3.17	0.48	0.19	0.15	106.93	16.0	108	8.43	60.2
28980	Core	<0.005	0.38	>10	9.7	733	3.80	0.45	0.19	0.15	127.90	15.2	111	9.32	62.5
28981	Core	<0.005	0.45	>10	8.6	698	3.25	0.41	0.30	0.16	118.01	16.0	105	9.03	71.3
28982	Core	<0.005	0.29	>10	8.2	674	3.13	0.43	0.30	0.17	103.50	17.2	102	8.56	61.7
28983	Core	<0.005	0.21	>10	14.1	617	3.25	0.45	0.32	0.20	105.75	14.8	101	7.77	55.1
28984	Core	<0.005	0.34	>10	10.8	747	3.51	0.46	0.24	0.22	131.53	16.7	110	9.42	61.3
28985	Core	<0.005	0.48	>10	11.6	796	3.60	0.41	0.18	0.21	113.42	19.5	108	9.74	72.0
28986	Core	<0.005	0.29	>10	8.8	740	3.38	0.42	0.14	0.19	99.55	16.4	107	8.62	63.0

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11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28987	Core	<0.005	0.26	>10	8.1	713	3.48	0.40	0.47	0.20	109.28	14.8	107	8.55	57.4
28988	Core	<0.005	0.32	>10	10.3	791	3.57	0.46	0.18	0.18	115.73	15.0	105	9.29	58.8
28989	Core	<0.005	0.32	>10	8.7	727	3.35	0.41	0.23	0.18	98.01	15.5	103	8.13	63.7
28990	Core	<0.005	0.24	>10	8.1	823	3.97	0.39	0.16	0.24	125.93	17.7	105	9.22	60.9
28991	Core	<0.005	0.25	>10	11.6	756	3.36	0.42	0.15	0.66	104.37	14.9	111	8.20	50.8
28992	Core	0.021	0.28	>10	33.2	763	3.16	0.36	0.07	0.92	90.45	14.0	111	8.07	47.9
28993	Core	0.016	0.25	>10	37.7	901	3.60	0.45	0.08	0.56	105.51	9.2	139	9.51	46.4
28994	Core	<0.005	0.22	>10	34.6	795	3.50	0.40	0.11	0.51	104.18	15.4	109	9.02	53.0
28995	Core	<0.005	0.33	>10	49.4	652	3.13	0.34	0.11	0.67	83.35	15.8	147	7.01	49.1
28996	Reject	<0.005	0.25	>10	69.3	979	4.93	0.47	0.16	0.60	121.51	18.9	134	9.81	73.3
28997	Reject	<0.005	0.26	>10	59.6	928	4.51	0.46	0.22	0.50	107.09	18.1	131	9.54	64.9
28998	Core	<0.005	0.53	0.18	<0.2	46	0.35	0.03	>10	0.12	1.25	1.0	9	2.70	2.7
28999	Core	<0.005	0.14	2.84	345.1	90	0.73	0.06	0.11	1.80	35.56	7.3	108	1.48	9.0
29000	Core	<0.005	0.18	2.00	134.8	65	0.53	0.05	0.05	1.17	23.56	2.8	160	1.09	6.7
29001	Core	0.005	0.20	3.93	40.6	201	1.12	0.07	0.11	0.71	37.94	5.2	160	2.44	12.1
29002	Core	0.036	0.32	2.55	179.7	109	0.86	0.06	0.08	1.72	30.38	2.9	227	1.79	14.2
29003	Core	0.008	0.35	4.33	85.0	205	0.94	0.09	0.08	1.66	37.71	6.4	135	2.56	15.2

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11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30251	Core	6.06	32.37	1.67	2.2	0.08	3.84	45.1	82.6	1.27	661	0.50	0.74	2.5	49.0
30252	Core	6.35	33.79	1.73	2.2	0.08	3.86	49.8	103.7	1.33	757	0.44	0.72	2.8	51.7
30253	Core	6.17	31.62	1.58	2.4	0.08	3.80	45.8	111.5	1.32	693	0.43	0.71	2.7	46.3
30254	Core	6.18	32.96	1.64	2.2	0.08	4.11	41.3	98.9	1.04	649	0.47	0.58	2.8	45.8
30255	Core	5.94	34.46	1.85	2.6	0.08	4.37	53.3	106.1	1.17	517	0.54	0.48	4.3	47.3
30256	Reject	6.49	38.29	1.62	2.8	0.09	5.11	47.7	78.6	1.26	658	0.56	0.49	3.4	53.7
30257	Pulp	1.35	7.20	0.31	1.8	0.06	1.38	17.4	17.3	0.78	280	11.18	<0.01	7.1	67.0
30258	Reject	5.63	38.25	1.68	2.7	0.09	3.65	39.7	95.8	1.14	526	0.58	0.44	3.6	51.8
30259	Core	2.04	8.25	0.96	1.1	0.02	0.67	16.3	31.8	0.51	589	0.38	0.31	0.8	12.4
30260	Core	1.20	5.38	0.86	1.1	0.01	0.39	13.2	19.2	0.32	492	0.33	0.82	0.7	7.6
30261	Core	1.30	7.81	1.21	1.2	0.02	0.72	13.9	6.4	0.30	330	0.49	0.67	0.9	10.2
30262	Core	1.32	7.22	0.99	1.3	0.01	0.70	14.7	10.0	0.28	313	0.35	0.51	0.8	9.7
30263	Core	1.19	5.19	0.97	0.8	0.01	0.45	9.9	3.9	0.28	299	0.41	0.17	0.5	8.1
30264	Core	1.52	8.17	0.99	1.3	0.02	0.81	14.2	11.0	0.32	325	0.40	0.38	0.7	11.2
30265	Core	1.27	7.48	0.73	1.1	0.02	0.74	13.4	7.4	0.24	318	0.35	0.21	0.8	9.3
30266	Core	1.02	6.40	0.86	1.1	0.01	0.62	14.0	2.1	0.19	226	0.37	0.21	1.0	8.6
30267	Core	1.00	5.07	0.86	0.9	<0.01	0.38	11.6	0.6	0.24	274	0.41	0.03	0.7	6.7
30268	Core	1.92	19.26	1.08	2.0	0.04	2.11	21.4	2.9	0.36	514	0.56	0.11	2.3	22.1
30269	Core	1.62	9.77	0.98	1.5	0.02	0.92	14.9	3.1	0.24	343	0.40	0.05	1.2	14.1
28966	Core	4.71	26.47	1.78	2.2	0.06	2.47	47.7	105.3	1.17	379	0.42	0.88	2.8	42.1
28967	Core	3.76	21.07	1.63	1.6	0.05	1.84	36.9	81.4	0.90	441	0.43	0.66	2.6	35.3
28968	Core	5.42	28.28	1.86	2.2	0.08	2.48	48.3	111.1	1.35	1071	0.34	0.79	3.2	47.9
28969	Core	5.14	29.69	1.98	2.7	0.08	2.72	57.5	119.4	1.25	589	0.44	0.94	3.6	48.4
28970	Core	5.02	32.45	2.04	2.6	0.08	2.32	58.3	130.9	1.24	356	0.34	1.08	3.7	48.8
28971	Core	5.26	30.53	1.99	2.8	0.08	2.77	58.8	131.2	1.27	547	0.34	1.01	3.7	47.6
28972	Core	4.81	32.59	2.01	2.5	0.09	2.98	60.4	145.1	1.20	324	0.47	1.17	4.0	46.2
28973	Core	4.35	36.35	2.02	2.6	0.09	3.65	47.0	141.5	1.06	286	0.35	1.37	3.8	43.4
28974	Core	1.13	5.17	1.23	0.4	0.02	0.43	10.1	26.0	0.22	318	0.46	0.16	0.6	10.2
28975	Core	5.42	32.03	2.07	2.0	0.06	2.79	56.8	143.1	1.29	388	0.46	1.13	3.3	50.4
28976	Core	4.46	24.35	1.63	1.8	0.07	2.01	41.2	91.7	1.05	1000	0.57	0.72	2.4	36.0
28977	Core	5.99	29.30	1.76	2.2	0.07	2.67	43.8	132.8	1.40	1617	0.40	0.89	3.6	48.7
28978	Core	5.73	32.80	2.01	2.2	0.08	2.39	54.3	129.6	1.38	600	0.30	1.01	3.6	50.2
28979	Core	5.81	30.90	1.88	2.4	0.07	2.96	52.8	139.3	1.40	510	0.32	0.94	3.6	49.3
28980	Core	5.37	33.71	1.95	2.5	0.08	3.13	59.7	142.8	1.29	440	0.34	1.03	3.8	49.3
28981	Core	5.42	31.68	1.89	2.7	0.08	3.08	57.4	129.5	1.32	679	0.44	0.94	3.3	49.2
28982	Core	5.29	30.71	1.77	2.6	0.09	3.00	54.1	138.4	1.27	617	0.41	0.90	3.4	46.3
28983	Core	5.36	28.11	1.80	2.6	0.11	2.94	52.3	119.1	1.28	702	0.40	0.82	3.3	42.4
28984	Core	5.64	33.18	2.00	2.6	0.09	3.26	62.8	137.9	1.33	611	0.31	0.86	3.8	50.5
28985	Core	5.46	34.54	2.05	2.6	0.08	3.23	56.6	135.3	1.28	532	0.37	0.82	4.3	50.6
28986	Core	5.40	30.90	1.89	2.6	0.08	3.25	52.0	129.2	1.25	504	0.37	0.78	4.3	46.1

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11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28987	Core	5.32	30.51	1.87	2.4	0.07	3.09	55.5	135.7	1.24	607	0.37	0.75	3.6	44.7
28988	Core	5.49	34.05	2.05	2.6	0.11	3.22	57.8	135.6	1.25	483	0.46	0.75	4.7	49.1
28989	Core	5.54	29.96	1.78	2.5	0.07	3.23	47.6	119.5	1.28	594	0.40	0.69	3.7	44.0
28990	Core	5.35	32.52	1.98	2.6	0.08	3.45	60.5	121.4	1.21	740	0.42	0.64	4.8	50.0
28991	Core	5.04	30.09	1.79	2.7	0.07	3.32	53.0	103.8	1.14	594	0.39	0.52	4.1	46.7
28992	Core	4.88	27.41	1.69	3.0	0.07	3.47	45.9	81.4	0.99	676	0.40	0.34	2.9	41.8
28993	Core	4.87	34.22	1.87	2.7	0.08	4.29	53.6	88.3	1.01	394	0.46	0.36	3.0	38.9
28994	Core	4.96	32.18	1.82	2.9	0.08	3.72	54.3	86.3	1.01	467	0.37	0.33	3.3	46.7
28995	Core	4.88	27.89	1.84	2.6	0.08	3.20	43.0	87.9	0.97	556	0.42	0.30	3.1	44.0
28996	Reject	4.95	37.81	1.78	3.4	0.10	4.71	60.8	72.5	0.97	459	0.51	0.43	4.1	48.4
28997	Reject	4.87	37.92	1.77	3.4	0.09	4.61	55.1	74.8	0.96	434	0.47	0.42	3.8	46.9
28998	Core	0.50	0.58	<0.05	<0.1	0.01	0.12	1.0	5.4	>10	218	0.05	0.01	0.9	5.3
28999	Core	2.49	6.40	0.91	1.4	0.02	0.45	15.8	65.9	0.12	695	0.44	0.05	0.7	14.0
29000	Core	1.17	4.20	0.89	0.9	0.01	0.34	10.3	26.6	0.04	323	0.40	0.03	0.6	6.3
29001	Core	1.74	9.64	1.19	1.4	0.02	1.02	17.4	45.8	0.28	269	0.44	0.24	1.1	13.9
29002	Core	1.53	6.15	1.07	1.2	0.02	0.56	13.0	6.0	0.06	317	0.37	0.03	0.8	7.6
29003	Core	1.92	10.41	1.21	1.5	0.03	1.14	17.2	12.9	0.27	533	0.46	0.15	1.1	15.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30251	Core	398	25.1	180.7	0.004	0.125	0.62	16.7	<1.0	2.4	230.7	0.28	0.08	15.6	0.106
30252	Core	824	25.5	193.3	0.004	0.202	0.76	18.0	<1.0	2.5	214.8	0.27	0.07	15.7	0.105
30253	Core	545	26.2	179.8	0.004	0.139	0.64	16.4	<1.0	2.3	222.7	0.29	<0.05	15.7	0.111
30254	Core	761	27.8	187.7	0.004	0.093	0.71	16.7	<1.0	2.5	192.9	0.28	0.08	15.0	0.161
30255	Core	711	54.2	203.9	0.004	0.167	1.01	17.2	1.4	2.7	160.4	0.57	0.10	17.0	0.128
30256	Reject	475	69.0	230.1	0.007	0.144	1.04	18.7	<1.0	2.9	181.9	0.43	0.11	18.8	0.162
30257	Pulp	3070	7.6	104.9	0.043	1.149	18.97	6.2	7.6	1.8	137.2	0.41	0.60	5.5	0.193
30258	Reject	675	145.2	190.0	0.004	0.143	1.15	18.3	<1.0	3.1	162.0	0.37	0.10	18.1	0.131
30259	Core	152	10.5	35.7	0.004	0.021	0.33	3.2	<1.0	0.7	37.2	0.09	<0.05	6.9	0.026
30260	Core	73	6.4	20.1	0.008	0.013	0.30	2.4	<1.0	0.5	66.9	0.07	<0.05	7.4	0.022
30261	Core	66	11.9	37.2	0.004	0.131	0.99	2.9	<1.0	0.8	51.9	0.09	<0.05	7.0	0.028
30262	Core	55	9.0	34.8	0.004	0.069	0.89	2.6	<1.0	0.7	39.7	0.08	<0.05	7.7	0.026
30263	Core	92	6.5	23.3	0.004	0.061	0.75	2.0	<1.0	0.6	44.4	<0.05	<0.05	4.8	0.015
30264	Core	122	9.5	39.7	0.004	0.043	0.59	3.2	<1.0	0.7	36.8	0.07	<0.05	8.0	0.024
30265	Core	329	10.0	35.7	0.003	0.023	0.43	2.8	<1.0	0.7	28.0	0.07	<0.05	6.9	0.025
30266	Core	325	9.1	32.5	0.004	0.017	0.35	2.2	<1.0	0.7	22.2	0.08	<0.05	6.7	0.027
30267	Core	107	13.2	18.6	0.004	0.081	0.53	1.8	<1.0	0.6	23.8	0.07	<0.05	7.0	0.021
30268	Core	219	20.5	100.1	0.005	0.219	1.33	7.6	<1.0	1.5	51.9	0.21	<0.05	11.4	0.073
30269	Core	153	18.0	47.4	0.004	0.109	0.84	3.4	<1.0	1.1	20.1	0.12	<0.05	7.7	0.036
28966	Core	353	14.9	125.5	0.006	<0.01	0.49	13.6	<1.0	1.9	203.8	0.30	<0.05	14.6	0.099
28967	Core	429	19.9	102.8	0.004	<0.01	0.34	11.5	<1.0	1.7	154.7	0.24	0.06	10.6	0.091
28968	Core	747	54.5	125.1	0.005	<0.01	0.44	16.2	<1.0	2.1	221.9	0.28	<0.05	13.9	0.108
28969	Core	453	45.2	146.8	0.005	<0.01	0.73	16.4	<1.0	2.1	226.4	0.33	0.05	17.3	0.131
28970	Core	715	28.7	118.8	0.007	<0.01	0.59	19.4	1.2	2.3	253.6	0.33	0.05	16.7	0.133
28971	Core	514	26.9	143.8	0.006	<0.01	0.66	17.7	<1.0	2.1	236.7	0.33	0.07	18.5	0.140
28972	Core	618	17.0	158.2	0.004	<0.01	0.67	19.1	<1.0	2.4	278.3	0.35	0.09	17.0	0.144
28973	Core	375	22.3	147.7	0.002	<0.01	0.60	20.2	<1.0	2.8	302.6	0.36	<0.05	15.6	0.136
28974	Core	256	14.7	22.4	0.003	<0.01	0.21	3.6	<1.0	0.8	52.2	<0.05	<0.05	2.7	0.018
28975	Core	471	17.6	147.1	0.006	<0.01	0.42	15.6	<1.0	2.3	283.7	0.32	<0.05	14.8	0.108
28976	Core	461	28.1	105.7	0.006	<0.01	0.89	13.4	<1.0	2.0	255.7	0.23	<0.05	12.2	0.084
28977	Core	428	21.7	129.1	0.003	<0.01	0.58	15.7	<1.0	2.2	227.6	0.34	<0.05	14.4	0.113
28978	Core	383	24.3	123.5	0.005	<0.01	0.54	17.1	<1.0	2.4	234.5	0.33	<0.05	16.4	0.122
28979	Core	620	33.1	147.9	0.006	<0.01	0.58	16.1	<1.0	2.2	211.6	0.35	<0.05	16.4	0.128
28980	Core	640	19.6	168.9	0.005	0.011	0.58	18.8	<1.0	2.4	237.0	0.35	0.09	17.6	0.123
28981	Core	490	22.9	156.6	0.004	0.022	0.77	16.6	<1.0	2.6	216.9	0.32	<0.05	17.1	0.114
28982	Core	458	24.5	154.7	0.008	0.031	0.79	16.4	<1.0	2.5	208.7	0.32	0.07	16.7	0.113
28983	Core	479	25.3	144.3	0.004	0.021	0.70	15.4	<1.0	2.5	191.0	0.32	<0.05	17.0	0.115
28984	Core	554	41.6	168.2	0.005	0.021	0.96	18.4	<1.0	2.6	204.0	0.35	0.08	18.5	0.127
28985	Core	614	27.6	179.5	0.006	0.058	1.05	17.5	<1.0	2.6	196.6	0.42	0.10	16.2	0.127
28986	Core	466	24.9	160.3	0.006	0.047	0.77	15.9	<1.0	2.5	188.0	0.39	0.05	17.1	0.147

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11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28987	Core	522	29.2	160.4	0.005	0.012	0.81	15.9	<1.0	2.6	189.8	0.31	0.06	16.9	0.118
28988	Core	662	31.0	177.9	0.005	0.024	0.95	18.1	<1.0	2.9	188.0	0.43	0.09	17.8	0.156
28989	Core	611	25.2	155.5	0.007	0.040	0.76	15.6	<1.0	2.5	171.8	0.33	0.06	16.8	0.139
28990	Core	451	27.4	181.3	0.003	0.014	0.85	17.9	<1.0	2.8	165.0	0.38	0.09	17.4	0.154
28991	Core	399	29.4	174.1	0.006	0.012	0.76	15.2	<1.0	2.6	137.4	0.35	<0.05	17.8	0.137
28992	Core	353	19.2	168.2	0.004	0.015	0.89	14.6	<1.0	2.7	98.2	0.29	0.07	17.6	0.118
28993	Core	411	20.3	220.5	0.007	0.018	1.13	17.9	<1.0	4.1	112.1	0.32	<0.05	19.5	0.116
28994	Core	401	18.5	190.7	0.005	<0.01	0.60	16.9	<1.0	2.5	88.0	0.31	<0.05	18.7	0.122
28995	Core	344	23.6	160.0	0.006	<0.01	0.59	14.5	<1.0	2.6	76.9	0.27	0.06	16.0	0.117
28996	Reject	545	26.6	233.8	0.007	0.038	1.16	20.0	<1.0	3.1	111.9	0.40	0.08	21.8	0.146
28997	Reject	743	28.5	215.6	0.006	0.040	1.09	20.0	<1.0	3.1	112.3	0.38	0.05	21.6	0.145
28998	Core	160	3.6	10.7	0.004	<0.01	<0.05	0.3	<1.0	1.0	45.4	0.11	0.06	<0.2	<0.005
28999	Core	102	20.9	23.7	0.004	<0.01	0.44	2.6	<1.0	1.0	11.8	0.07	<0.05	8.6	0.023
29000	Core	78	13.7	17.6	0.004	<0.01	0.53	1.5	<1.0	0.8	7.8	0.07	<0.05	6.2	0.018
29001	Core	137	10.3	50.8	0.004	0.054	0.59	3.6	<1.0	1.0	25.1	0.10	<0.05	8.0	0.034
29002	Core	103	21.3	30.9	0.004	0.047	1.36	2.1	<1.0	1.0	11.2	0.08	<0.05	8.0	0.030
29003	Core	126	32.9	55.6	0.004	0.038	0.96	4.1	<1.0	1.4	20.6	0.11	<0.05	8.6	0.038

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30251	Core	0.94	4.2	165	0.9	6.0	138	72.8
30252	Core	0.94	4.4	159	0.9	7.4	153	83.0
30253	Core	0.92	4.5	171	0.9	6.9	145	79.5
30254	Core	0.90	4.0	163	1.3	7.9	139	77.2
30255	Core	1.06	4.5	166	1.5	9.1	138	87.7
30256	Reject	1.25	4.7	187	1.6	9.2	152	98.8
30257	Pulp	12.71	8.0	431	34.2	26.7	257	68.3
30258	Reject	1.20	4.9	172	1.8	9.4	132	95.3
30259	Core	0.18	1.3	40	0.6	3.7	39	42.8
30260	Core	0.11	1.1	29	0.7	3.6	22	38.1
30261	Core	0.20	1.2	33	1.9	3.4	30	42.3
30262	Core	0.19	1.4	32	1.2	3.5	24	45.1
30263	Core	0.12	0.8	23	0.6	2.7	23	27.3
30264	Core	0.22	1.5	35	0.5	3.5	32	41.9
30265	Core	0.15	1.3	33	0.6	3.4	30	41.0
30266	Core	0.15	1.1	26	0.6	3.5	24	44.6
30267	Core	0.10	1.0	24	1.1	2.9	23	31.8
30268	Core	0.54	2.2	77	4.7	6.0	84	68.8
30269	Core	0.26	1.3	39	2.7	3.7	49	49.5
28966	Core	0.68	3.3	136	0.6	6.7	102	73.5
28967	Core	0.46	2.6	102	0.5	6.6	88	57.4
28968	Core	0.62	3.4	140	0.6	14.1	136	78.2
28969	Core	0.76	3.9	147	0.5	9.0	124	96.9
28970	Core	0.81	4.0	156	0.6	8.9	124	92.7
28971	Core	0.79	4.5	154	0.6	9.4	125	97.3
28972	Core	0.77	4.0	157	0.5	9.0	116	90.7
28973	Core	0.95	3.9	171	0.7	6.6	109	89.8
28974	Core	0.13	0.7	24	0.2	4.7	29	11.9
28975	Core	0.73	3.2	157	0.6	6.0	120	68.5
28976	Core	0.65	3.2	121	0.5	8.5	103	62.1
28977	Core	0.77	4.0	149	0.7	6.8	143	73.5
28978	Core	0.90	3.7	160	0.5	6.8	130	73.2
28979	Core	0.81	4.3	159	0.5	7.6	137	81.7
28980	Core	0.92	4.4	160	0.5	7.9	121	86.6
28981	Core	0.84	4.2	158	0.5	8.9	151	95.0
28982	Core	0.79	4.0	153	0.5	8.8	139	96.4
28983	Core	0.79	4.0	149	0.5	8.1	139	88.2
28984	Core	0.89	4.4	160	0.5	9.0	141	96.3
28985	Core	0.88	4.4	157	0.5	8.6	140	91.3
28986	Core	0.88	4.6	156	0.6	7.7	140	89.3

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11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28987	Core	0.83	4.2	152	0.5	8.2	132	88.9
28988	Core	0.95	4.8	157	0.6	8.8	126	96.8
28989	Core	0.91	4.4	154	0.5	7.9	135	89.6
28990	Core	0.96	4.2	154	0.5	9.1	141	101.5
28991	Core	0.95	4.4	144	0.7	8.9	146	99.0
28992	Core	0.97	5.2	137	0.8	8.2	157	102.4
28993	Core	1.15	5.1	156	0.9	7.8	110	94.6
28994	Core	1.03	4.6	148	0.9	9.3	142	104.5
28995	Core	0.86	3.9	134	0.6	8.4	147	97.3
28996	Reject	1.27	5.7	170	0.8	10.5	145	121.2
28997	Reject	1.22	5.4	167	0.8	10.2	142	116.4
28998	Core	0.07	0.5	294	0.1	0.8	43	<0.5
28999	Core	0.14	2.1	30	1.3	5.2	195	50.4
29000	Core	0.11	1.2	18	1.6	3.1	75	32.2
29001	Core	0.28	1.8	42	0.7	3.7	71	49.3
29002	Core	0.18	1.4	32	1.5	3.1	106	41.5
29003	Core	0.31	1.9	47	1.0	4.2	146	54.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30251	Core		0.28	>10	15.9	906	3.30	0.42	0.17	0.14	85.15	18.8	155	9.19	67.3
30251 Dup			0.43	>10	17.0	922	3.34	0.44	0.17	0.16	90.48	18.3	170	9.14	68.1
QCV1110-01008-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			64.73												1050.7
30269	Core		0.17	3.95	260.6	194	1.09	0.07	0.14	0.10	32.12	6.2	110	1.98	17.3
30269 Dup			0.16	3.97	258.1	192	0.93	0.08	0.14	0.08	32.40	6.1	124	2.05	19.1
QCV1110-01008-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.54												1063.9
28983	Core		0.21	>10	14.1	617	3.25	0.45	0.32	0.20	105.75	14.8	101	7.77	55.1
28983 Dup			0.31	>10	8.2	666	3.28	0.38	0.32	0.15	121.46	15.7	100	8.31	60.9
QCV1110-01008-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.31												1089.0
29001	Core		0.20	3.93	40.6	201	1.12	0.07	0.11	0.71	37.94	5.2	160	2.44	12.1
29001 Dup			0.25	3.88	38.7	200	0.98	0.07	0.23	0.73	38.70	5.1	259	2.45	11.5
QCV1110-01008-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			4.05		7.9	449	3.00	8.11		1.08	83.95	23.0		7.38	>10000
30251	Core	0.007													
30251 Dup		<0.005													
30269	Core	0.026													
30269 Dup		0.021													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.399													
QCV1110-01009-0004-BLK		<0.005													
28983	Core	<0.005													
28983 Dup		<0.005													
29001	Core	0.005													
29001 Dup		<0.005													
QCV1110-01009-0008-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30251	Core	6.06	32.37	1.67	2.2	0.08	3.84	45.1	82.6	1.27	661	0.50	0.74	2.5	49.0
30251 Dup		6.14	32.99	1.68	2.1	0.08	2.78	45.3	98.1	1.32	670	0.57	0.77	2.2	49.8
QCV1110-01008-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30269	Core	1.62	9.77	0.98	1.5	0.02	0.92	14.9	3.1	0.24	343	0.40	0.05	1.2	14.1
30269 Dup		1.62	10.01	0.95	1.3	0.02	0.94	14.9	13.1	0.24	347	0.41	0.05	1.0	14.1
QCV1110-01008-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28983	Core	5.36	28.11	1.80	2.6	0.11	2.94	52.3	119.1	1.28	702	0.40	0.82	3.3	42.4
28983 Dup		5.29	30.33	1.82	2.6	0.08	2.87	59.8	133.9	1.26	688	0.42	0.80	3.7	45.9
QCV1110-01008-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29001	Core	1.74	9.64	1.19	1.4	0.02	1.02	17.4	45.8	0.28	269	0.44	0.24	1.1	13.9
29001 Dup		2.62	9.68	1.12	1.3	0.02	0.96	18.4	36.8	0.30	421	0.40	0.21	1.0	13.3
QCV1110-01008-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			21.12		3.3	1.26		40.7	24.1			1.16		14.3	42.6

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07748-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30251	Core	398	25.1	180.7	0.004	0.125	0.62	16.7	<1.0	2.4	230.7	0.28	0.08	15.6	0.106
30251 Dup		412	27.0	125.4	0.006	0.124	0.62	16.6	<1.0	2.5	235.6	0.25	<0.05	15.5	0.392
QCV1110-01008-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30269	Core	153	18.0	47.4	0.004	0.109	0.84	3.4	<1.0	1.1	20.1	0.12	<0.05	7.7	0.036
30269 Dup		159	19.0	46.8	0.004	0.114	0.88	3.6	<1.0	1.1	20.3	0.09	<0.05	7.5	0.033
QCV1110-01008-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28983	Core	479	25.3	144.3	0.004	0.021	0.70	15.4	<1.0	2.5	191.0	0.32	<0.05	17.0	0.115
28983 Dup		478	25.4	153.7	0.006	0.019	0.78	16.4	<1.0	2.5	188.3	0.32	0.07	17.1	0.120
QCV1110-01008-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
29001	Core	137	10.3	50.8	0.004	0.054	0.59	3.6	<1.0	1.0	25.1	0.10	<0.05	8.0	0.034
29001 Dup		181	10.5	50.9	0.002	0.059	0.61	3.6	<1.0	1.1	26.2	0.10	<0.05	8.3	0.042
QCV1110-01008-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			34.2	191.2	0.006	1.247	2.54	12.0	13.5	21.5	35.3	1.05	<0.05	15.8	

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30251	Core	0.94	4.2	165	0.9	6.0	138	72.8
30251 Dup		0.98	4.2	176	0.9	5.9	142	72.5
QCV1110-01008-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30269	Core	0.26	1.3	39	2.7	3.7	49	49.5
30269 Dup		0.26	1.3	39	2.6	3.7	48	47.5
QCV1110-01008-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28983	Core	0.79	4.0	149	0.5	8.1	139	88.2
28983 Dup		0.77	4.0	149	0.5	8.8	128	96.6
QCV1110-01008-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
29001	Core	0.28	1.8	42	0.7	3.7	71	49.3
29001 Dup		0.29	1.8	58	0.7	3.5	77	47.2
QCV1110-01008-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.3			23.7	184	118.8

3Ace Property, Northern Tiger Resources Inc.
Vol 8-458
Buchanan et al., 2011

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11-360-07753-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 36**
Client Reference: **Core 36**
Description: **3 ACE**

Date Received: 10/11/2011
Date Completed: 10/28/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30342	Core	0.192	3.65	4.20	2380.0	252	1.00	0.17	0.01	0.53	17.02	1.1	176	3.11	15.8
30343	Core	0.054	1.30	>10	140.9	944	3.95	0.47	0.06	6.42	26.00	22.4	181	7.32	60.9
30344	Core	0.015	0.36	2.12	28.8	71	0.30	0.08	0.05	0.41	14.33	3.8	167	1.08	10.1
30345	Core	0.015	0.31	2.26	65.9	90	0.47	0.08	0.03	0.54	18.30	2.6	178	1.36	13.2
30346	Core	0.019	0.23	5.82	36.3	352	1.68	0.25	0.07	0.48	20.85	8.9	166	3.42	23.7
30347	Core	0.027	0.31	6.62	363.4	446	2.28	0.23	0.04	0.89	32.62	11.3	195	4.12	32.6
30348	Core	0.009	0.32	2.08	116.6	94	0.61	0.08	0.01	0.12	18.05	1.4	164	1.18	10.3
30349	Core	0.014	0.35	8.28	63.9	507	2.50	0.33	0.17	4.38	21.48	18.0	174	4.73	51.7
30350	Core	0.010	0.13	2.39	34.5	100	0.65	0.08	0.13	0.11	20.11	3.6	167	1.35	11.4
30351	Core	0.015	0.21	2.28	69.5	86	0.64	0.08	0.01	0.10	17.96	2.6	168	1.37	9.6
30352	Core	0.033	0.13	2.19	98.4	91	0.55	0.05	0.01	0.10	17.16	2.2	194	1.37	10.3
30353	Core	0.030	0.63	5.87	162.4	363	1.85	0.21	0.06	0.70	27.56	10.0	195	3.38	26.4
30354	Core	0.015	0.40	4.65	91.9	231	1.36	0.16	0.07	2.19	27.89	8.9	171	2.90	27.0
30355	Core	0.019	0.33	9.84	46.3	540	2.30	0.28	0.44	0.22	64.86	18.0	175	5.68	44.8
30356	Core	0.009	0.36	9.36	38.2	485	2.46	0.35	0.50	0.37	53.60	20.9	153	5.34	45.9
30357	Core	0.012	0.39	10.00	109.1	523	2.38	0.34	0.07	0.55	62.28	23.5	159	8.27	55.6
30358	Core	0.106	0.75	>10	583.6	928	3.55	0.42	0.03	0.56	56.79	21.1	195	9.09	61.8
30359	Reject	0.044	2.08	>10	198.5	895	3.90	0.45	0.07	2.12	44.45	22.5	154	7.31	85.6
30360	Pulp	7.744	1.28	3.44	951.1	177	0.71	0.72	>10	4.49	32.54	7.2	96	7.55	42.0
30361	Reject	0.048	0.87	>10	214.4	829	4.01	0.49	0.09	2.08	36.07	20.3	148	7.10	71.2
30362	Core	0.044	0.72	>10	182.6	760	3.65	0.50	0.13	1.53	32.78	18.7	132	5.76	54.9
30363	Core	0.015	0.44	>10	148.7	725	3.08	0.49	0.12	0.91	78.89	15.0	115	5.10	56.3
30364	Core	<0.005	0.36	>10	27.4	813	3.75	0.46	0.22	0.77	74.39	14.2	121	5.73	62.7
30365	Core	0.008	0.32	>10	20.1	654	3.04	0.45	0.15	0.42	76.05	17.9	129	4.89	65.8
30366	Core	<0.005	0.37	>10	18.8	714	3.37	0.48	0.15	0.14	86.10	22.3	120	5.43	66.2
30367	Core	<0.005	0.34	>10	15.8	718	3.19	0.53	0.21	0.05	71.63	18.2	109	5.43	66.2
30368	Core	<0.005	0.32	>10	14.4	709	3.23	0.50	0.21	0.16	71.83	19.6	117	5.55	67.1
30369	Core	<0.005	0.25	>10	11.0	596	2.46	0.45	0.17	0.04	63.68	19.3	117	4.81	57.6
30370	Core	<0.005	0.34	>10	10.9	685	2.98	0.50	0.19	0.06	50.40	17.9	105	5.48	60.8
30371	Core	<0.005	0.32	>10	11.9	693	3.49	0.43	0.23	0.07	43.89	19.9	102	5.65	61.9
30372	Core	<0.005	0.38	>10	17.9	804	3.43	0.59	0.21	0.07	53.88	22.2	110	6.13	69.1
30373	Core	<0.005	0.27	>10	14.1	766	3.44	0.39	0.17	0.06	53.29	19.6	110	5.63	70.7
30374	Core	<0.005	0.29	>10	18.0	722	3.52	0.47	0.20	0.26	63.89	18.9	108	5.36	62.8
30375	Core	<0.005	0.30	>10	19.9	734	3.69	0.48	0.24	0.81	46.79	18.2	110	6.49	61.1
30376	Core	0.007	1.13	7.09	29.4	328	2.44	0.30	0.23	0.79	56.51	16.1	125	3.24	32.3
30377	Core	0.041	0.35	6.15	444.1	191	1.55	0.35	0.22	0.84	48.30	16.3	136	2.22	24.6
30378	Core	0.037	0.24	2.97	88.1	78	0.76	0.18	0.14	0.18	24.67	8.2	117	1.06	13.9
30379	Core	0.006	0.27	>10	19.4	904	4.17	0.50	0.32	0.12	65.66	17.8	144	7.27	66.6
30380	Core	0.006	0.24	4.91	22.0	213	1.55	0.32	0.15	1.08	45.70	11.1	133	2.61	25.2
30381	Core	0.006	0.48	>10	21.9	803	4.05	0.52	0.19	0.36	91.49	15.8	132	6.39	63.1

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30382	Core	0.005	0.26	>10	14.3	694	3.40	0.45	0.23	1.13	96.36	19.9	126	5.90	80.5
30383	Core	<0.005	0.22	>10	11.3	732	4.05	0.46	0.18	0.25	100.00	20.6	107	6.29	65.3
30384	Core	<0.005	0.22	>10	13.6	771	3.65	0.49	0.18	0.10	99.92	20.3	116	6.53	60.9
30385	Core	<0.005	0.20	>10	12.1	637	3.12	0.42	0.27	0.13	87.67	20.0	120	5.44	58.7
30386	Core	<0.005	0.20	3.22	12.2	114	0.64	0.10	0.11	0.17	28.42	6.7	160	1.47	11.3
30387	Core	0.020	0.32	3.52	68.1	140	0.95	0.16	0.51	0.16	32.04	7.9	145	1.84	18.7
30388	Core	<0.005	0.23	7.94	7.1	320	1.65	0.22	0.82	0.10	58.82	16.6	112	3.34	44.3
30389	Core	<0.005	0.26	9.70	9.6	486	2.79	0.30	0.68	0.15	71.89	18.3	136	4.74	46.5

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30342	Core	1.57	10.39	1.50	2.9	0.17	1.57	8.1	19.8	0.12	27	0.44	0.07	1.3	3.6
30343	Core	4.93	34.82	1.30	7.5	0.13	5.02	13.0	25.1	0.48	309	0.72	0.19	3.8	52.7
30344	Core	1.72	3.88	1.02	1.5	0.02	0.50	6.7	14.9	0.08	239	0.34	0.04	0.6	9.7
30345	Core	1.52	4.47	1.03	1.8	0.02	0.56	8.1	8.7	0.06	174	0.32	0.03	0.5	9.4
30346	Core	2.73	14.04	1.00	3.6	0.04	1.94	10.1	12.1	0.32	458	0.43	0.12	1.4	18.9
30347	Core	2.82	17.94	1.18	4.6	0.04	2.30	15.9	19.5	0.24	284	0.41	0.09	2.1	24.5
30348	Core	1.08	4.44	0.88	1.6	0.02	0.52	8.3	9.0	0.04	36	0.41	0.02	0.7	4.3
30349	Core	3.70	21.28	1.20	5.8	0.05	2.67	10.4	21.3	0.35	486	0.45	0.09	2.0	40.9
30350	Core	1.50	5.44	1.09	1.8	0.02	0.55	9.1	7.8	0.09	156	0.35	0.02	0.6	8.5
30351	Core	1.20	4.67	0.92	1.9	0.01	0.55	8.2	10.9	0.05	100	0.30	0.03	0.7	5.9
30352	Core	1.08	4.64	1.17	1.7	0.02	0.56	7.6	11.1	0.05	65	0.43	0.03	0.7	5.1
30353	Core	2.89	15.05	1.36	16.5	0.04	1.85	13.6	18.1	0.25	288	0.49	0.07	4.9	23.8
30354	Core	2.45	10.87	1.06	4.4	0.03	1.34	13.6	15.6	0.17	994	0.42	0.07	1.9	22.2
30355	Core	5.07	23.24	1.09	7.0	0.07	2.88	31.8	37.5	1.05	967	0.52	0.20	3.6	43.6
30356	Core	4.73	23.01	1.32	5.5	0.06	2.80	25.0	39.4	0.52	1305	0.68	0.15	2.3	39.5
30357	Core	6.71	24.26	1.15	5.9	0.07	2.88	29.7	118.9	0.62	1301	0.43	0.19	2.6	54.3
30358	Core	5.48	36.21	1.39	8.0	0.09	4.69	30.1	164.4	0.31	499	0.58	0.22	3.6	50.3
30359	Reject	5.65	35.26	1.39	6.9	0.10	5.12	23.0	67.9	0.57	537	0.44	0.22	3.7	55.4
30360	Pulp	1.38	7.23	0.37	3.7	0.07	1.38	20.6	8.7	0.80	297	11.63	<0.01	8.2	63.6
30361	Reject	6.30	33.21	1.51	6.5	0.09	5.03	18.5	60.4	0.55	532	0.45	0.21	3.7	50.3
30362	Core	5.51	30.73	1.25	6.3	0.07	4.63	17.5	50.3	1.02	681	0.49	0.18	3.7	51.4
30363	Core	5.33	29.93	1.40	6.3	0.08	4.22	40.9	62.3	1.13	416	0.40	0.18	3.4	46.0
30364	Core	4.84	32.41	1.44	5.9	0.08	4.59	38.4	60.4	1.14	393	0.41	0.19	3.1	44.6
30365	Core	5.76	28.10	1.55	5.7	0.08	3.72	38.4	68.5	1.32	609	0.55	0.17	3.4	53.2
30366	Core	6.01	30.55	1.57	6.0	0.08	3.86	44.6	75.3	1.30	718	0.54	0.18	3.5	55.7
30367	Core	5.30	30.00	1.39	6.1	0.09	4.07	37.5	75.0	1.31	542	0.40	0.19	3.5	49.1
30368	Core	5.76	29.63	1.42	6.2	0.08	3.85	37.3	76.7	1.35	612	0.40	0.18	4.0	53.3
30369	Core	5.60	26.52	1.45	5.9	0.06	3.23	32.3	79.1	1.31	542	0.47	0.16	4.3	49.2
30370	Core	5.39	29.18	1.35	5.8	0.08	4.02	25.9	75.8	1.28	504	0.35	0.20	2.6	44.4
30371	Core	5.48	28.49	1.50	5.6	0.09	3.88	22.9	75.9	1.24	539	0.41	0.20	2.8	50.7
30372	Core	5.10	31.06	1.49	5.5	0.08	4.31	28.1	72.3	1.14	604	0.25	0.22	3.4	53.8
30373	Core	5.03	30.41	1.56	5.6	0.08	4.03	28.3	78.6	1.09	608	0.36	0.21	2.9	52.9
30374	Core	5.49	30.05	1.46	6.1	0.07	3.81	33.0	77.4	1.05	884	0.36	0.19	3.0	50.0
30375	Core	5.26	29.32	1.44	6.3	0.08	3.82	24.6	63.9	0.69	964	0.40	0.20	2.7	46.5
30376	Core	6.34	17.12	1.48	6.1	0.05	1.70	26.5	63.6	0.56	2337	0.48	0.09	2.4	37.0
30377	Core	7.29	14.32	1.39	5.9	0.04	1.11	21.9	50.9	0.47	4041	0.53	0.06	2.2	37.1
30378	Core	3.86	6.75	1.26	2.4	0.02	0.41	11.2	40.5	0.33	1556	0.43	0.03	1.1	21.4
30379	Core	3.86	32.91	1.49	6.2	0.08	4.72	34.4	42.0	0.54	740	0.49	0.24	3.2	44.6
30380	Core	3.94	10.93	1.19	3.8	0.03	1.12	21.7	51.2	0.47	1012	0.51	0.07	2.0	24.6
30381	Core	3.76	30.85	1.54	6.1	0.09	4.37	48.9	45.9	0.54	693	0.43	0.23	2.9	37.2

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Certificate of Analysis

11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30382	Core	5.14	29.25	1.74	5.8	0.08	3.81	47.4	82.8	1.07	522	0.45	0.22	3.6	51.2
30383	Core	5.34	30.05	1.92	6.7	0.09	3.76	50.1	91.8	1.25	475	0.50	0.22	4.6	51.3
30384	Core	5.07	30.08	1.62	6.1	0.09	4.20	51.5	81.0	1.21	404	0.31	0.24	4.5	49.4
30385	Core	5.41	29.56	1.72	7.6	0.09	3.43	42.5	80.7	1.25	1160	0.50	0.19	4.3	48.9
30386	Core	3.50	7.57	1.36	2.8	0.02	0.65	12.7	27.8	0.37	2287	0.42	0.04	1.1	18.5
30387	Core	2.27	8.13	1.22	15.0	0.02	0.80	15.3	24.5	0.39	897	0.37	0.13	3.5	18.7
30388	Core	4.80	18.10	1.33	7.7	0.05	1.83	27.0	54.5	1.17	1145	0.40	0.14	3.8	37.4
30389	Core	4.69	24.04	1.35	7.1	0.06	2.68	35.0	61.9	1.25	860	0.39	0.23	3.7	43.4

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11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30342	Core	313	642.5	74.7	<0.002	0.105	4.79	6.1	<1.0	7.3	61.0	0.23	0.08	10.4	0.029
30343	Core	343	49.9	229.7	0.003	0.280	6.75	24.4	1.1	5.3	44.8	0.88	0.13	26.3	0.123
30344	Core	205	38.0	23.1	0.003	<0.01	0.90	2.5	<1.0	1.6	7.6	0.11	<0.05	6.8	0.019
30345	Core	160	27.6	26.9	<0.002	0.038	1.02	2.7	<1.0	1.5	7.9	0.08	<0.05	8.2	0.016
30346	Core	191	7.7	85.0	<0.002	0.127	1.98	8.7	<1.0	1.6	20.1	0.24	<0.05	14.6	0.054
30347	Core	203	1.9	103.6	<0.002	0.217	2.37	10.9	<1.0	2.2	25.8	0.30	<0.05	16.8	0.070
30348	Core	143	19.6	23.8	<0.002	<0.01	0.99	2.5	<1.0	0.8	12.2	0.10	<0.05	6.4	0.020
30349	Core	672	<0.5	120.9	<0.002	0.212	2.71	13.3	<1.0	2.1	77.1	0.38	<0.05	20.5	0.071
30350	Core	680	9.3	27.1	<0.002	0.040	0.87	3.1	<1.0	0.9	13.9	0.11	<0.05	9.3	0.020
30351	Core	130	3.8	26.9	<0.002	<0.01	0.93	2.4	<1.0	0.8	9.7	0.12	<0.05	8.1	0.019
30352	Core	98	4.9	27.8	<0.002	<0.01	0.95	2.4	<1.0	0.9	9.6	0.08	<0.05	7.5	0.017
30353	Core	227	18.3	92.5	0.002	0.297	2.26	10.0	<1.0	2.0	21.3	0.72	0.06	21.0	0.061
30354	Core	259	25.3	64.5	<0.002	<0.01	1.48	7.0	<1.0	1.3	16.9	0.34	0.07	15.5	0.041
30355	Core	707	0.7	135.2	<0.002	<0.01	1.85	16.5	<1.0	2.5	44.8	0.73	0.05	25.0	0.092
30356	Core	2226	14.2	127.5	<0.002	0.032	1.80	15.5	<1.0	2.6	61.2	0.54	<0.05	21.9	0.067
30357	Core	445	6.3	137.8	0.003	0.014	2.67	18.2	<1.0	2.3	102.8	0.57	0.13	24.4	0.078
30358	Core	493	9.3	242.7	<0.002	0.058	3.69	25.6	1.3	5.4	85.0	0.79	0.08	28.2	0.110
30359	Reject	725	11.2	245.3	0.002	0.468	3.61	25.5	<1.0	5.1	66.5	0.77	0.19	26.2	0.118
30360	Pulp	4387	2.2	109.2	0.039	1.419	18.61	7.0	9.4	1.9	137.4	0.51	0.67	8.8	0.195
30361	Reject	732	21.9	234.6	0.003	0.343	3.35	23.4	<1.0	4.9	64.5	0.64	0.13	25.3	0.112
30362	Core	650	0.7	211.2	0.006	0.745	2.43	21.8	<1.0	3.4	48.7	0.66	0.13	23.1	0.118
30363	Core	773	<0.5	187.0	<0.002	<0.01	1.82	21.6	<1.0	3.4	55.5	0.62	0.25	27.2	0.111
30364	Core	1024	2.9	219.2	0.003	<0.01	1.23	23.5	<1.0	3.3	58.2	0.66	0.13	25.5	0.110
30365	Core	572	24.5	175.3	0.004	<0.01	1.15	20.6	<1.0	2.6	48.0	0.60	<0.05	23.4	0.107
30366	Core	647	13.1	189.1	<0.002	0.026	1.63	21.7	<1.0	2.9	51.8	0.63	0.17	25.8	0.113
30367	Core	685	24.8	185.9	0.003	0.030	1.58	21.2	1.6	2.9	53.4	0.68	0.15	25.8	0.115
30368	Core	685	6.2	184.5	0.003	0.070	1.19	21.1	<1.0	2.8	52.9	0.71	0.07	26.2	0.119
30369	Core	510	14.1	151.4	0.005	0.073	1.09	18.8	<1.0	2.4	42.8	0.62	<0.05	24.4	0.100
30370	Core	677	9.5	177.8	0.002	0.098	1.15	20.5	<1.0	2.6	50.4	0.64	0.13	24.2	0.093
30371	Core	702	7.8	175.2	0.002	0.084	1.08	21.1	1.1	2.7	49.7	0.52	0.12	22.2	0.091
30372	Core	668	53.4	203.9	<0.002	0.139	1.42	22.4	<1.0	3.0	57.8	0.60	0.14	24.2	0.107
30373	Core	493	1.7	185.8	<0.002	0.105	1.24	22.9	<1.0	2.9	52.4	0.52	<0.05	23.6	0.099
30374	Core	623	2.0	179.7	0.002	0.078	1.25	21.5	<1.0	2.6	51.2	0.59	0.12	25.0	0.103
30375	Core	515	8.0	181.6	0.002	0.047	1.34	20.9	<1.0	2.7	64.6	0.50	0.06	24.1	0.094
30376	Core	255	15.5	83.0	0.002	0.264	1.39	12.6	<1.0	1.7	45.6	0.35	<0.05	21.3	0.066
30377	Core	164	34.5	52.3	0.003	0.317	1.40	10.7	<1.0	1.4	22.1	0.28	<0.05	20.1	0.061
30378	Core	139	10.4	19.9	<0.002	0.385	0.67	4.1	<1.0	0.8	24.4	0.13	<0.05	8.5	0.026
30379	Core	1048	8.1	229.0	0.003	0.127	1.61	23.2	<1.0	3.4	87.8	0.57	0.18	28.8	0.111
30380	Core	186	14.7	54.3	0.003	0.067	0.79	7.5	<1.0	1.6	42.2	0.21	0.07	14.6	0.049
30381	Core	695	1.1	201.3	<0.002	0.105	1.42	21.9	<1.0	3.2	80.9	0.57	0.13	28.9	0.101

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11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30382	Core	698	28.3	177.5	0.003	0.104	0.98	21.7	<1.0	2.9	59.1	0.53	0.13	25.5	0.111
30383	Core	590	5.8	184.4	<0.002	0.122	0.79	21.5	1.1	2.9	58.7	0.74	0.13	27.5	0.133
30384	Core	683	3.8	199.3	<0.002	0.067	0.85	22.3	<1.0	3.0	61.8	0.73	<0.05	28.0	0.138
30385	Core	465	5.0	156.5	0.002	0.146	1.17	20.1	<1.0	3.0	54.4	0.52	0.18	27.0	0.124
30386	Core	183	22.0	31.5	<0.002	0.134	0.48	5.0	<1.0	1.1	12.9	0.12	<0.05	9.9	0.032
30387	Core	226	10.6	39.8	<0.002	0.288	0.75	5.7	<1.0	1.4	26.0	0.38	<0.05	15.0	0.033
30388	Core	377	12.0	80.6	<0.002	0.044	0.64	12.9	<1.0	2.1	43.5	0.63	<0.05	20.7	0.066
30389	Core	311	14.5	123.8	0.002	0.074	0.81	16.0	1.3	2.6	54.4	0.65	<0.05	24.4	0.086

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11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30342	Core	0.44	1.2	50	2.2	3.1	50	45.1
30343	Core	1.21	4.6	175	3.7	8.1	226	122.6
30344	Core	0.14	0.9	20	1.1	2.7	72	24.5
30345	Core	0.17	1.0	22	1.0	2.5	73	29.2
30346	Core	0.50	2.1	72	1.8	4.3	97	55.8
30347	Core	0.56	2.5	82	2.3	5.5	111	75.8
30348	Core	0.13	0.8	21	0.7	2.1	36	30.0
30349	Core	0.66	3.4	100	2.1	7.4	150	94.6
30350	Core	0.16	1.1	25	1.0	3.3	44	35.2
30351	Core	0.14	0.8	21	0.9	2.3	23	31.2
30352	Core	0.17	0.8	22	0.9	2.1	22	30.0
30353	Core	0.51	2.4	71	2.6	5.1	101	69.8
30354	Core	0.39	2.1	52	2.3	5.3	181	53.8
30355	Core	0.72	3.4	135	1.4	8.7	143	102.9
30356	Core	0.72	3.1	113	1.4	10.6	161	86.8
30357	Core	0.77	4.1	124	3.7	9.9	196	98.7
30358	Core	1.29	5.0	163	4.0	9.7	157	132.2
30359	Reject	1.28	5.5	158	2.6	9.5	375	113.5
30360	Pulp	13.40	8.0	439	34.8	26.6	271	70.3
30361	Reject	1.28	5.3	161	2.6	8.9	403	104.5
30362	Core	1.21	4.5	161	2.2	8.9	329	98.9
30363	Core	1.02	4.8	157	1.5	9.2	147	105.5
30364	Core	1.16	4.3	171	0.8	8.7	145	96.5
30365	Core	0.90	3.9	153	0.5	8.6	197	99.4
30366	Core	0.97	4.7	158	0.7	9.2	207	102.3
30367	Core	1.12	4.9	158	0.5	8.9	132	98.2
30368	Core	1.07	4.9	159	0.5	9.2	147	99.5
30369	Core	0.84	4.3	143	0.4	8.3	130	95.8
30370	Core	0.97	4.4	156	0.3	7.9	129	87.7
30371	Core	0.95	4.1	151	0.3	8.2	135	93.7
30372	Core	1.07	4.6	152	0.5	8.3	144	94.2
30373	Core	0.97	4.4	151	0.5	8.3	153	96.9
30374	Core	1.00	4.6	154	0.8	8.7	159	97.4
30375	Core	1.05	4.6	142	1.8	8.5	141	97.5
30376	Core	0.46	3.1	92	1.8	9.3	153	109.6
30377	Core	0.32	2.7	82	1.4	10.1	155	105.6
30378	Core	0.11	1.0	33	0.7	4.4	71	47.0
30379	Core	1.26	4.8	160	1.9	9.1	109	98.2
30380	Core	0.29	2.0	58	1.1	6.3	94	75.8
30381	Core	1.14	4.6	144	1.8	9.3	130	100.9

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11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30382	Core	0.91	4.2	145	0.4	10.1	143	108.2
30383	Core	0.97	4.5	153	0.5	10.3	142	114.2
30384	Core	1.03	4.8	158	0.4	13.2	131	105.7
30385	Core	0.87	4.3	151	0.6	11.1	137	139.5
30386	Core	0.19	1.2	39	0.5	5.9	70	53.5
30387	Core	0.25	1.3	42	0.6	4.6	58	49.7
30388	Core	0.44	2.9	108	0.5	8.3	126	95.0
30389	Core	0.69	3.4	129	0.3	8.7	122	110.0

3Ace Property, Northern Tiger Resources Inc.
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11-360-07753-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30342	Core		3.65	4.20	2380.0	252	1.00	0.17	0.01	0.53	17.02	1.1	176	3.11	15.8
30342 Dup			3.57	4.31	2414.8	239	0.85	0.17	0.02	0.54	25.37	1.1	195	3.04	15.0
QCV1110-01102-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.64												1062.8
30360	Pulp		1.28	3.44	951.1	177	0.71	0.72	>10	4.49	32.54	7.2	96	7.55	42.0
30360 Dup			1.09	3.44	936.3	163	0.82	0.68	>10	4.08	31.46	6.8	96	7.25	39.4
QCV1110-01102-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			63.16												1052.3
30378	Core		0.24	2.97	88.1	78	0.76	0.18	0.14	0.18	24.67	8.2	117	1.06	13.9
30378 Dup			0.19	2.98	100.5	71	0.78	0.12	0.15	0.16	22.17	8.0	118	1.07	12.5
QCV1110-01102-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-01102-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.70		9.1	426	2.87	8.26			85.57	22.6		7.01	>10000
30342	Core	0.192													
30342 Dup		0.202													
30360	Pulp	7.744													
30360 Dup		0.050													
QCV1110-01103-0004-BLK		<0.005													
30378	Core	0.037													
30378 Dup		0.029													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.399													

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30342	Core	1.57	10.39	1.50	2.9	0.17	1.57	8.1	19.8	0.12	27	0.44	0.07	1.3	3.6
30342 Dup		1.61	10.25	1.51	3.7	0.16	1.59	12.0	20.7	0.12	27	0.42	0.07	2.0	3.7
QCV1110-01102-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30360	Pulp	1.38	7.23	0.37	3.7	0.07	1.38	20.6	8.7	0.80	297	11.63	<0.01	8.2	63.6
30360 Dup		1.35	6.80	0.29	3.7	0.07	1.40	18.5	8.7	0.80	284	11.24	<0.01	7.9	59.0
QCV1110-01102-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30378	Core	3.86	6.75	1.26	2.4	0.02	0.41	11.2	40.5	0.33	1556	0.43	0.03	1.1	21.4
30378 Dup		3.94	6.41	1.16	2.4	0.02	0.40	10.5	38.7	0.33	1606	0.31	0.03	0.8	20.9
QCV1110-01102-0008-BLK		<0.01	<0.05	<0.05	0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-01102-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.76			1.17		41.8	26.6			1.05		16.7	42.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30342	Core	313	642.5	74.7	<0.002	0.105	4.79	6.1	<1.0	7.3	61.0	0.23	0.08	10.4	0.029
30342 Dup		336	672.8	73.8	<0.002	0.098	4.59	6.4	1.3	7.2	60.6	0.29	<0.05	12.0	0.055
QCV1110-01102-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30360	Pulp	4387	2.2	109.2	0.039	1.419	18.61	7.0	9.4	1.9	137.4	0.51	0.67	8.8	0.195
30360 Dup		4291	<0.5	103.6	0.038	1.273	17.71	6.9	8.0	1.8	130.5	0.50	0.57	8.6	0.196
QCV1110-01102-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30378	Core	139	10.4	19.9	<0.002	0.385	0.67	4.1	<1.0	0.8	24.4	0.13	<0.05	8.5	0.026
30378 Dup		150	15.8	19.8	<0.002	0.315	0.66	4.0	<1.0	0.7	24.4	0.11	<0.05	8.6	0.021
QCV1110-01102-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-01102-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9				2.36		12.9	22.6					
STD-OREAS94-4A result			22.2	183.2	0.002		2.31	14.4	12.6	23.7	33.1		<0.05		

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30342	Core	0.44	1.2	50	2.2	3.1	50	45.1
30342 Dup		0.44	1.4	51	2.9	3.7	50	54.8
QCV1110-01102-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30360	Pulp	13.40	8.0	439	34.8	26.6	271	70.3
30360 Dup		12.77	7.8	435	33.8	24.8	268	68.1
QCV1110-01102-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30378	Core	0.11	1.0	33	0.7	4.4	71	47.0
30378 Dup		0.12	1.1	33	0.6	4.2	71	44.6
QCV1110-01102-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-01102-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.90	3.3			25.1	186	124.3

3Ace Property, Northern Tiger Resources Inc.
Vol 8-470
Buchanan et al., 2011

3Ace Property, Northern Tiger Resources Inc.
Vol 8-471
Buchanan et al., 2011

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 37**
Client Reference: **Core 37**
Description: **3 ACE**

Date Received: 10/12/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	47	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	3	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30432	Reject	0.033	0.44	2.98	540.9	179	0.63	0.14	0.03	0.10	27.92	9.2	180	3.21	40.6
30433	Pulp	7.493	0.68	3.51	928.3	170	0.93	0.71	>10	4.18	29.38	7.0	91	6.95	45.5
30434	Reject	0.031	0.15	3.28	591.0	203	0.74	0.14	0.04	0.10	29.91	7.6	162	3.51	26.2
30435	Core	0.057	0.33	>10	199.6	963	3.22	0.57	0.03	0.14	77.63	8.4	134	16.10	59.8
30436	Core	0.029	0.21	>10	86.2	1072	3.15	0.64	0.03	0.07	82.43	13.1	110	10.63	48.1
30437	Core	0.032	0.17	>10	48.1	1011	3.24	0.61	0.03	0.09	67.05	9.4	100	8.45	57.1
30438	Core	0.066	0.24	>10	39.1	1087	3.46	0.46	0.02	0.04	73.89	6.0	104	8.08	58.1
30439	Core	0.072	0.28	>10	45.0	1023	3.26	0.65	0.02	<0.02	46.51	7.2	223	7.42	41.9
30440	Core	0.046	0.19	>10	40.4	1057	4.46	0.63	0.03	0.08	71.14	12.5	114	6.93	52.4
30441	Core	0.038	0.20	>10	30.1	1023	4.01	0.60	0.02	0.06	76.82	15.0	117	6.55	65.2
30442	Core	0.046	0.20	>10	39.8	1038	4.15	0.52	0.01	0.05	101.60	12.5	115	7.14	56.1
30443	Core	0.059	0.22	>10	70.0	1051	3.87	0.68	0.01	0.07	67.86	20.9	145	8.93	61.3
30444	Core	0.349	0.64	>10	242.2	1349	4.42	0.78	0.02	0.07	104.49	5.1	161	18.57	27.1
30445	Core	0.014	0.16	5.47	59.7	420	1.55	0.37	0.02	0.03	49.05	3.2	189	3.59	8.4
30446	Core	0.033	0.02	2.75	24.6	119	0.66	0.11	0.03	0.08	28.08	6.2	150	1.54	8.7
30447	Core	0.010	0.11	3.98	17.9	223	1.27	0.17	0.23	0.07	45.94	8.3	199	2.51	37.1
30448	Core	<0.005	0.04	2.30	7.2	91	0.45	0.06	0.47	0.02	26.08	3.2	128	1.12	5.1
30449	Core	0.008	0.32	2.26	80.4	91	0.32	0.08	0.12	0.03	25.04	3.4	110	1.20	11.6
30450	Core	<0.005	0.07	2.51	<0.2	114	0.72	0.06	0.05	0.06	29.80	3.5	108	1.40	12.6
30451	Core	0.021	0.11	2.33	144.2	96	0.68	0.08	0.04	0.04	26.17	2.3	131	1.30	10.4
30452	Core	0.031	0.18	2.84	298.9	126	0.53	0.10	0.02	0.07	28.86	1.3	158	1.86	11.4
30453	Core	<0.005	0.03	2.69	121.0	106	0.41	0.09	0.03	0.97	26.42	2.1	181	1.31	9.5
30454	Core	0.180	0.08	2.80	222.2	139	0.57	0.11	0.02	0.12	30.27	1.3	141	1.83	12.7
30455	Core	0.022	0.08	2.09	188.5	87	0.38	0.09	0.02	0.11	23.83	1.2	142	1.40	9.4
30456	Core	0.018	0.08	2.31	212.1	94	0.44	0.07	0.01	0.12	22.81	0.8	164	1.44	8.2
30457	Core	0.027	0.24	2.22	248.0	110	0.59	0.10	0.01	0.06	25.04	1.0	160	1.41	11.3
30458	Core	0.045	0.67	2.35	346.1	120	0.48	0.07	0.01	0.11	31.92	0.8	168	1.86	14.1
30459	Core	0.019	0.12	2.46	149.5	147	0.88	0.06	0.02	0.10	26.34	0.8	180	2.11	12.3
30460	Core	0.095	0.33	2.79	887.2	176	0.74	0.13	0.02	0.31	27.81	1.3	225	2.33	15.0
30461	Core	0.042	0.23	3.78	280.3	236	0.91	0.07	0.02	0.15	27.59	0.6	163	2.72	11.0
30462	Core	0.089	1.27	1.65	459.6	91	0.20	0.15	<0.01	0.09	18.78	0.8	167	1.39	12.7
30463	Core	0.006	0.11	2.55	145.1	154	0.72	0.08	0.02	0.12	33.08	1.0	160	1.51	14.4
30464	Core	0.010	0.08	2.74	168.7	168	0.64	0.07	0.01	0.15	23.22	2.2	185	1.55	29.2
30465	Core	0.022	0.04	2.20	474.3	93	0.40	0.06	0.06	0.21	13.07	1.3	178	1.31	19.1
30466	Core	0.018	0.57	9.97	337.4	613	2.37	0.31	0.05	1.76	60.43	18.3	162	5.55	63.3
30467	Core	0.008	0.15	1.71	122.3	64	0.43	0.09	0.01	0.11	17.70	1.6	200	0.84	14.9
30468	Core	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
30469	Reject	0.015	0.23	>10	58.8	764	4.00	0.39	0.06	1.05	30.92	23.7	176	5.33	101.1
30470	Core	<0.005	0.21	0.07	<0.2	16	0.10	0.03	>10	0.07	1.32	1.0	<1	0.28	2.5
30471	Core	0.015	0.40	>10	144.9	815	3.32	0.52	0.10	2.94	81.33	29.2	136	6.00	86.7

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30472	Core	0.016	0.37	>10	585.5	764	4.09	0.37	0.10	2.65	68.83	16.9	138	7.12	67.6
30473	Core	0.046	0.41	>10	375.4	878	3.72	0.18	0.02	0.60	88.13	12.8	186	8.11	31.8
30474	Core	0.074	0.84	>10	1341.5	965	4.23	0.34	0.02	1.80	90.50	5.6	172	7.95	27.1
30475	Core	0.131	0.21	2.38	1854.9	106	0.62	0.05	0.01	0.27	27.64	1.6	113	1.40	14.2
30476	Core	0.078	0.33	6.47	691.1	405	1.61	0.23	0.01	0.24	36.39	2.8	184	3.19	11.3
30477	Core	0.036	0.20	2.33	271.2	104	0.41	0.06	0.01	0.21	20.43	1.0	158	1.71	6.0
30478	Core	0.104	1.52	2.48	1910.3	118	0.71	0.09	0.02	0.47	23.39	1.0	130	1.89	11.1
30479	Core	0.368	2.79	2.32	2982.6	102	0.54	0.11	0.02	0.49	22.92	0.8	150	1.28	12.0
30480	Core	0.023	0.21	2.36	366.2	97	0.38	0.06	0.01	0.30	21.97	1.0	162	1.34	12.0
30481	Core	0.032	0.40	2.88	510.6	135	0.54	0.06	0.01	0.31	24.56	0.7	172	1.57	8.6
30482	Core	0.045	0.19	2.66	1222.4	125	0.66	0.05	0.01	0.40	29.17	0.8	163	1.61	8.4

NS = No Sample

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30432	Reject	1.68	5.90	1.35	3.1	0.07	0.75	13.2	7.1	0.06	160	0.59	0.05	2.7	16.4
30433	Pulp	1.33	6.57	0.36	2.5	0.08	1.37	17.1	9.3	0.80	278	11.94	<0.01	7.6	65.8
30434	Reject	1.77	6.44	1.25	2.2	0.03	0.84	13.5	7.6	0.07	141	0.56	0.06	1.2	16.0
30435	Core	4.34	23.63	1.35	4.1	0.08	3.83	41.9	20.1	0.26	142	1.43	0.29	3.0	25.0
30436	Core	5.81	25.35	1.38	3.6	0.09	3.81	41.3	43.1	0.30	229	1.33	0.29	2.9	37.2
30437	Core	4.76	25.92	1.59	3.6	0.09	3.76	35.2	42.9	0.65	348	1.16	0.24	2.9	31.5
30438	Core	4.24	27.19	1.54	3.3	0.09	4.14	39.4	41.7	0.59	188	1.17	0.25	3.8	23.0
30439	Core	4.20	25.16	1.55	2.9	0.07	3.82	26.1	33.3	0.33	168	1.34	0.23	2.3	20.2
30440	Core	5.17	27.99	1.64	3.2	0.09	4.40	38.7	48.2	0.56	277	0.46	0.22	2.4	32.3
30441	Core	4.54	25.88	1.53	3.0	0.08	4.05	41.4	51.0	0.53	341	0.26	0.20	2.8	35.1
30442	Core	5.31	28.74	1.67	3.2	0.09	4.24	52.2	50.6	0.62	285	0.39	0.21	2.9	29.5
30443	Core	5.49	28.96	1.43	3.2	0.09	4.39	37.3	89.8	0.32	303	0.72	0.24	2.7	38.1
30444	Core	3.16	34.10	1.77	4.1	0.10	5.56	55.0	55.0	0.36	128	0.87	0.30	4.3	13.9
30445	Core	1.69	12.10	1.08	1.8	0.04	1.72	24.8	13.3	0.11	131	0.68	0.09	1.4	6.8
30446	Core	1.53	5.41	1.01	1.5	0.02	0.58	12.3	9.9	0.14	230	0.42	0.21	0.6	10.9
30447	Core	1.98	8.85	1.02	2.4	0.02	1.06	21.1	16.1	0.28	472	0.50	0.54	1.2	18.6
30448	Core	1.16	4.53	0.72	1.3	0.01	0.44	12.2	10.5	0.28	398	0.38	0.64	0.8	8.0
30449	Core	1.12	4.36	0.75	1.3	0.02	0.43	11.4	7.4	0.16	398	0.43	<0.01	0.7	8.5
30450	Core	1.09	5.15	0.74	1.7	0.01	0.52	13.8	7.7	0.06	141	0.42	<0.01	0.9	10.8
30451	Core	1.01	4.47	0.62	1.3	<0.01	0.49	12.1	7.9	0.06	78	0.44	>10	0.7	6.2
30452	Core	1.10	5.86	1.01	1.4	0.01	0.81	13.5	6.9	0.08	36	0.37	>10	0.7	3.8
30453	Core	0.97	4.94	0.78	1.5	0.02	0.52	12.2	10.1	0.06	58	0.44	>10	0.8	9.2
30454	Core	1.00	6.02	0.94	1.5	0.02	0.71	14.9	8.8	0.08	49	1.63	>10	1.0	4.7
30455	Core	0.90	4.28	0.88	1.2	0.01	0.49	11.0	7.8	0.07	33	0.55	>10	0.6	3.8
30456	Core	0.61	4.48	0.98	1.2	0.01	0.53	10.1	13.5	0.04	26	0.50	>10	0.7	3.4
30457	Core	0.53	4.70	0.94	1.3	0.01	0.74	11.3	9.1	0.05	33	0.68	>10	0.8	4.0
30458	Core	0.61	5.06	0.83	1.6	0.02	0.80	14.3	6.3	0.06	29	0.46	>10	0.9	3.2
30459	Core	0.61	5.66	0.93	1.4	0.01	0.81	12.5	20.6	0.05	32	0.52	>10	0.7	3.8
30460	Core	0.88	6.38	1.20	1.4	0.03	1.06	13.6	18.2	0.07	33	0.57	>10	0.9	3.5
30461	Core	0.60	8.14	1.03	1.9	0.03	1.45	13.8	11.3	0.08	24	0.51	9.78	1.3	3.1
30462	Core	0.49	3.75	1.30	0.8	0.03	0.64	8.7	5.3	0.05	23	0.48	>10	0.6	3.4
30463	Core	0.53	5.70	1.02	1.8	0.03	0.63	16.3	24.6	0.04	25	0.43	9.90	0.8	6.5
30464	Core	1.16	5.32	1.10	1.3	0.03	0.58	10.8	31.0	0.04	45	0.44	9.93	0.6	13.4
30465	Core	0.86	4.31	0.98	0.9	0.03	0.50	6.0	16.1	0.04	38	0.46	9.81	0.5	7.4
30466	Core	3.73	21.91	1.19	8.0	0.08	3.24	31.8	25.1	0.22	462	0.52	8.30	3.2	47.1
30467	Core	0.67	3.19	1.04	0.8	0.03	0.33	8.0	8.7	0.03	54	0.44	9.61	0.5	6.0
30468	Core	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
30469	Reject	3.79	27.94	1.65	4.0	0.08	3.98	17.2	30.6	0.24	475	0.59	7.91	1.8	50.0
30470	Core	0.46	0.42	<0.05	0.2	<0.01	<0.01	0.7	0.8	>10	224	0.06	9.37	0.3	0.7
30471	Core	6.23	28.50	1.59	5.1	0.09	4.32	43.5	32.1	0.48	837	0.55	7.54	2.7	67.2

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INSPECTORATE
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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-07754-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30472	Core	5.31	26.87	1.48	4.4	0.10	4.32	38.3	29.2	0.33	306	0.46	7.47	2.3	53.6
30473	Core	3.70	32.16	1.43	4.4	0.11	5.12	48.5	25.9	0.31	191	0.57	6.99	3.1	30.6
30474	Core	4.01	33.86	1.52	4.5	0.13	5.49	48.5	30.1	0.36	112	0.67	7.11	3.1	13.8
30475	Core	0.98	4.85	1.02	1.8	0.03	0.82	12.2	5.6	0.07	34	0.41	8.62	0.7	3.6
30476	Core	1.50	14.25	1.15	2.5	0.05	2.30	19.2	11.8	0.14	48	0.51	8.02	1.4	5.6
30477	Core	0.71	4.70	0.89	1.6	0.03	0.66	9.4	8.3	0.04	26	0.38	8.52	0.5	2.9
30478	Core	0.85	4.90	1.01	1.5	0.20	0.92	10.6	6.5	0.07	24	0.33	8.35	0.5	2.3
30479	Core	0.79	4.44	1.06	1.5	0.23	0.88	10.1	4.5	0.07	24	0.32	8.17	0.6	2.6
30480	Core	0.64	4.92	0.94	1.6	0.03	0.66	9.6	9.3	0.04	18	0.35	8.15	0.6	2.7
30481	Core	0.72	6.13	0.89	2.2	0.03	0.93	11.0	7.8	0.06	25	0.38	8.00	0.8	3.0
30482	Core	0.57	5.97	0.99	1.8	0.04	0.91	12.7	9.0	0.06	22	0.41	7.85	0.8	2.7

NS = No Sample

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-07754-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30432	Reject	143	9.8	38.2	<0.002	0.011	4.42	4.3	<1.0	3.0	86.0	0.33	0.06	13.2	0.019
30433	Pulp	4663	8.2	104.5	0.047	1.103	19.68	6.9	7.9	2.0	134.8	0.40	0.69	7.4	0.185
30434	Reject	141	9.4	42.0	<0.002	0.011	3.04	4.0	<1.0	1.7	82.8	0.13	<0.05	11.0	0.021
30435	Core	219	35.6	193.3	0.003	0.032	10.95	18.4	<1.0	2.6	84.5	0.50	0.26	18.0	0.084
30436	Core	93	35.9	193.7	<0.002	0.013	10.70	20.1	<1.0	2.7	67.8	0.41	0.34	18.6	0.093
30437	Core	89	25.8	194.7	0.008	0.149	7.18	20.5	<1.0	2.6	62.1	0.43	0.22	17.2	0.101
30438	Core	83	27.4	211.9	0.008	0.114	9.05	20.9	1.1	3.0	62.5	0.44	0.25	15.8	0.125
30439	Core	54	34.7	191.7	<0.002	0.142	7.57	18.9	1.2	2.7	64.7	0.31	0.20	12.7	0.088
30440	Core	275	20.1	202.9	0.004	0.211	6.31	20.4	1.5	2.9	61.3	0.33	0.31	17.8	0.094
30441	Core	186	15.4	194.0	<0.002	0.174	5.33	20.8	<1.0	2.8	54.1	0.32	0.27	18.3	0.104
30442	Core	150	19.2	206.7	0.002	0.132	5.76	21.6	1.1	2.9	54.9	0.36	0.22	18.0	0.113
30443	Core	124	24.0	214.9	0.003	0.138	8.06	20.5	1.7	2.9	73.7	0.33	0.32	18.6	0.101
30444	Core	179	30.8	260.3	<0.002	0.075	7.15	24.2	<1.0	4.7	137.3	0.47	0.25	24.7	0.152
30445	Core	302	8.4	85.8	<0.002	0.030	2.24	7.8	1.7	1.5	42.5	0.13	0.18	7.5	0.048
30446	Core	62	9.5	30.1	<0.002	<0.01	1.10	3.0	<1.0	0.8	15.1	0.06	0.07	7.9	0.019
30447	Core	163	18.7	52.9	<0.002	0.022	1.35	4.9	1.1	1.2	37.7	0.10	0.11	11.9	0.041
30448	Core	<10	5.5	22.4	<0.002	0.018	0.70	2.2	<1.0	0.6	38.5	0.06	0.08	6.4	0.022
30449	Core	156	8.5	23.8	<0.002	0.043	0.74	1.9	1.0	0.7	23.1	0.06	0.10	6.5	0.022
30450	Core	209	7.3	27.7	<0.002	0.076	1.09	2.5	<1.0	0.9	14.4	0.08	0.11	8.5	0.026
30451	Core	209	8.5	24.9	<0.002	0.035	1.21	2.1	1.1	0.9	13.5	0.06	0.11	6.5	0.020
30452	Core	173	46.0	37.4	<0.002	0.023	1.81	2.6	1.3	3.0	15.6	0.08	0.06	7.7	0.022
30453	Core	213	7.3	25.4	<0.002	0.029	1.03	2.6	<1.0	0.9	12.4	0.07	0.12	9.1	0.024
30454	Core	178	13.5	35.4	0.003	0.025	1.56	2.8	1.4	1.1	19.9	0.09	<0.05	8.0	0.028
30455	Core	144	12.6	25.7	<0.002	0.043	1.23	1.7	1.1	1.0	19.3	0.06	0.11	6.2	0.017
30456	Core	82	12.4	27.7	<0.002	0.030	1.72	1.6	<1.0	1.0	18.2	0.06	<0.05	5.9	0.018
30457	Core	218	20.0	38.2	<0.002	0.037	1.50	1.9	1.3	2.2	16.4	0.07	<0.05	5.6	0.021
30458	Core	159	196.8	41.9	<0.002	0.031	2.44	2.4	<1.0	4.2	18.8	0.08	<0.05	6.3	0.024
30459	Core	117	9.7	41.4	<0.002	0.016	1.09	2.6	1.5	1.5	21.0	0.06	0.06	4.8	0.023
30460	Core	309	41.6	49.3	<0.002	0.033	2.59	2.9	<1.0	4.2	27.8	0.07	0.06	6.0	0.031
30461	Core	185	22.9	66.0	0.003	0.040	2.02	4.3	1.4	3.4	34.2	0.12	0.08	7.1	0.043
30462	Core	197	349.1	32.5	<0.002	0.062	3.10	1.9	2.2	6.5	24.6	<0.05	<0.05	3.5	0.017
30463	Core	137	17.3	32.1	<0.002	0.028	1.08	2.8	<1.0	1.1	14.1	0.07	0.05	12.7	0.026
30464	Core	216	37.5	29.7	<0.002	0.028	1.28	3.1	<1.0	1.3	23.0	0.05	0.10	8.8	0.021
30465	Core	433	14.0	24.7	<0.002	0.040	1.89	2.3	1.4	1.5	24.7	<0.05	<0.05	8.5	0.015
30466	Core	511	25.5	145.6	0.008	0.076	2.60	15.6	<1.0	3.1	57.5	0.68	0.14	25.7	0.089
30467	Core	230	21.8	16.7	<0.002	0.011	0.93	1.8	1.0	1.0	8.8	0.09	<0.05	5.6	0.013
30468	Core	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
30469	Reject	606	20.2	181.6	0.003	0.070	1.88	18.0	1.1	3.1	85.4	0.37	0.13	22.2	0.070
30470	Core	310	2.8	1.3	0.003	<0.01	<0.05	0.5	<1.0	0.2	42.8	0.18	<0.05	0.4	<0.005
30471	Core	562	24.5	189.7	<0.002	0.032	2.62	19.8	<1.0	3.0	86.2	0.46	0.12	27.0	0.105

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Certificate of Analysis

11-360-07754-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30472	Core	926	21.4	187.0	<0.002	0.058	2.33	20.0	1.1	3.2	153.4	0.38	0.13	22.7	0.104
30473	Core	633	90.0	225.9	0.002	0.038	2.72	22.6	<1.0	8.9	159.6	0.43	<0.05	21.4	0.128
30474	Core	519	163.2	245.2	<0.002	0.084	5.16	22.9	<1.0	7.3	88.3	0.42	0.14	22.5	0.132
30475	Core	229	25.0	40.2	<0.002	0.038	2.37	2.5	<1.0	6.5	23.8	0.08	0.07	6.6	0.025
30476	Core	348	54.2	100.2	<0.002	0.061	3.26	8.0	1.2	3.3	75.4	0.17	0.14	12.9	0.055
30477	Core	141	59.3	33.5	<0.002	0.024	2.17	2.0	1.1	1.7	25.6	0.06	0.06	7.6	0.017
30478	Core	261	588.1	44.4	<0.002	0.034	3.52	1.8	<1.0	6.4	22.7	0.07	0.07	7.8	0.020
30479	Core	229	524.3	41.8	0.004	0.035	6.33	1.7	1.4	7.7	19.2	0.06	<0.05	7.7	0.020
30480	Core	98	27.9	33.0	<0.002	0.028	1.64	1.9	1.2	3.3	15.7	0.06	<0.05	8.6	0.021
30481	Core	239	47.2	44.0	<0.002	0.033	1.72	2.6	1.5	2.3	22.3	0.08	0.08	9.3	0.029
30482	Core	115	60.2	44.8	<0.002	0.019	1.78	2.3	2.2	4.9	19.0	0.07	<0.05	7.6	0.026

NS = No Sample

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-07754-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30432	Reject	0.31	1.9	27	2.4	3.4	79	40.0
30433	Pulp	12.58	8.2	426	34.9	25.6	255	67.6
30434	Reject	0.40	2.0	30	1.9	3.6	83	40.8
30435	Core	1.20	4.1	123	3.1	5.8	127	74.3
30436	Core	1.12	3.5	134	1.5	6.6	157	83.3
30437	Core	1.28	3.9	138	1.1	5.8	114	78.2
30438	Core	1.12	3.5	140	1.4	5.7	81	87.4
30439	Core	1.17	2.9	125	1.3	4.2	68	72.5
30440	Core	1.28	3.8	136	1.6	6.4	128	80.5
30441	Core	1.17	3.5	130	1.5	6.3	152	77.4
30442	Core	1.19	3.4	147	1.9	6.5	137	80.4
30443	Core	1.22	3.5	133	3.6	6.1	160	80.0
30444	Core	1.50	3.7	164	6.0	7.6	64	104.0
30445	Core	0.50	1.6	57	1.4	4.5	35	49.3
30446	Core	0.18	1.5	27	1.0	3.3	50	40.1
30447	Core	0.32	1.8	45	1.7	5.3	60	67.0
30448	Core	0.15	0.9	25	0.5	3.2	16	38.3
30449	Core	0.14	1.1	30	0.6	3.0	44	36.7
30450	Core	0.15	1.6	32	1.0	3.8	37	48.5
30451	Core	0.14	1.1	29	1.0	3.0	28	40.0
30452	Core	0.22	1.2	33	1.3	2.9	50	39.7
30453	Core	0.14	1.7	31	0.9	2.9	37	40.1
30454	Core	0.22	1.5	29	2.3	3.0	30	41.6
30455	Core	0.16	1.2	20	1.7	2.3	30	33.1
30456	Core	0.17	1.0	22	1.0	2.2	15	30.4
30457	Core	0.22	1.0	24	1.6	2.5	11	33.7
30458	Core	0.26	1.1	28	1.2	2.8	19	42.5
30459	Core	0.25	0.9	31	1.2	2.9	17	39.3
30460	Core	0.28	1.0	31	1.7	2.7	14	39.9
30461	Core	0.39	1.3	46	2.4	3.5	12	49.7
30462	Core	0.21	0.6	20	2.4	1.8	10	24.9
30463	Core	0.19	1.4	29	1.2	3.5	13	49.9
30464	Core	0.17	1.5	33	1.0	2.4	73	36.5
30465	Core	0.15	1.4	20	0.7	2.2	16	26.8
30466	Core	1.05	5.9	116	3.8	9.1	151	99.9
30467	Core	0.13	1.0	16	1.4	2.1	22	15.6
30468	Core	NS	NS	NS	NS	NS	NS	NS
30469	Reject	1.21	6.0	128	2.8	7.6	159	86.1
30470	Core	0.02	0.5	274	0.1	0.9	18	<0.5
30471	Core	1.31	6.7	147	4.1	9.8	275	103.7

NS = No Sample

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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30472	Core	1.26	7.0	137	3.5	8.2	303	93.0
30473	Core	1.47	4.9	149	3.6	7.4	160	94.1
30474	Core	1.57	4.9	155	4.8	7.9	161	99.3
30475	Core	0.29	1.2	26	0.9	2.8	25	36.9
30476	Core	0.71	2.2	68	1.9	4.2	55	52.9
30477	Core	0.25	1.2	28	1.0	2.7	41	33.0
30478	Core	0.30	1.2	26	1.0	3.0	23	34.2
30479	Core	0.31	1.2	27	0.8	2.8	21	34.6
30480	Core	0.23	1.3	25	0.9	2.6	27	36.4
30481	Core	0.32	1.7	34	1.1	3.3	22	46.1
30482	Core	0.30	1.2	25	1.0	3.1	20	41.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30432	Reject		0.44	2.98	540.9	179	0.63	0.14	0.03	0.10	27.92	9.2	180	3.21	40.6
30432 Dup			0.43	2.99	541.4	181	0.72	0.13	0.03	0.14	26.79	10.0	170	3.27	37.0
QCV1110-01397-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			60.59												1026.3
30450	Core		0.07	2.51	<0.2	114	0.72	0.06	0.05	0.06	29.80	3.5	108	1.40	12.6
30450 Dup			0.04	2.54	<0.2	112	0.57	0.07	0.04	0.07	27.80	3.5	137	1.42	9.9
QCV1110-01397-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.46		11.2	414	2.53	8.29		0.21	86.71	22.7		6.80	>10000
30469	Reject		0.23	>10	58.8	764	4.00	0.39	0.06	1.05	30.92	23.7	176	5.33	101.1
30469 Dup			0.20	>10	68.2	758	3.65	0.39	0.06	1.13	58.43	23.7	190	5.56	103.3
QCV1110-01397-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-01397-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.39		11.2	435	3.31	8.26		0.22	92.09	23.7		7.30	>10000
30432	Reject	0.033													
30432 Dup		0.028													
30450	Core	<0.005													
30450 Dup		0.006													
QCV1110-01398-0004-BLK		<0.005													
30469	Reject	0.015													
30469 Dup		0.015													
QCV1110-01398-0006-BLK		0.007													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.402													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30432	Reject	1.68	5.90	1.35	3.1	0.07	0.75	13.2	7.1	0.06	160	0.59	0.05	2.7	16.4
30432 Dup		1.65	6.36	1.24	2.8	0.05	0.76	12.2	7.3	0.06	157	0.52	0.06	1.3	16.9
QCV1110-01397-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30450	Core	1.09	5.15	0.74	1.7	0.01	0.52	13.8	7.7	0.06	141	0.42	<0.01	0.9	10.8
30450 Dup		1.08	5.04	0.73	1.6	0.02	0.53	13.0	8.0	0.06	136	0.43	>10	0.9	10.4
QCV1110-01397-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.93		3.9	1.14		43.2	24.8			0.75		13.9	42.1
30469	Reject	3.79	27.94	1.65	4.0	0.08	3.98	17.2	30.6	0.24	475	0.59	7.91	1.8	50.0
30469 Dup		3.85	26.33	1.60	4.1	0.08	4.00	32.0	31.4	0.24	483	0.63	7.78	2.4	51.1
QCV1110-01397-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-01397-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.12		4.9	1.18		44.1	25.8			0.75		14.1	46.1

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30432	Reject	143	9.8	38.2	<0.002	0.011	4.42	4.3	<1.0	3.0	86.0	0.33	0.06	13.2	0.019
30432 Dup		134	10.9	37.9	0.002	0.011	4.31	4.1	<1.0	2.3	88.0	0.18	<0.05	11.0	0.019
QCV1110-01397-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
30450	Core	209	7.3	27.7	<0.002	0.076	1.09	2.5	<1.0	0.9	14.4	0.08	0.11	8.5	0.026
30450 Dup		182	6.7	26.2	0.003	0.075	1.11	2.6	<1.0	0.6	13.8	0.08	0.12	8.7	0.025
QCV1110-01397-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.2	175.6	0.002	1.229	2.38	14.1	13.8	22.5	33.5	0.94	0.05	17.3	
30469	Reject	606	20.2	181.6	0.003	0.070	1.88	18.0	1.1	3.1	85.4	0.37	0.13	22.2	0.070
30469 Dup		526	20.7	172.0	<0.002	0.072	2.06	18.4	1.3	3.3	85.5	0.41	0.18	24.6	0.091
QCV1110-01397-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-01397-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.4	189.1	0.003	1.360	2.58	13.7	13.7	22.6	34.7	1.14	0.12	21.6	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30432	Reject	0.31	1.9	27	2.4	3.4	79	40.0
30432 Dup		0.30	1.9	27	2.5	3.4	77	36.5
QCV1110-01397-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
30450	Core	0.15	1.6	32	1.0	3.8	37	48.5
30450 Dup		0.16	1.6	23	1.0	3.6	34	44.3
QCV1110-01397-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.84	3.1			26.5	173	112.6
30469	Reject	1.21	6.0	128	2.8	7.6	159	86.1
30469 Dup		1.16	6.3	129	3.0	8.1	161	92.5
QCV1110-01397-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-01397-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.97	3.7			26.9	185	113.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 38**
Client Reference: **Core 38**
Description: **3 ACE**

Date Received: 10/20/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29054	Core	0.041	0.29	1.64	347.9	72	0.40	0.36	0.38	3.34	19.12	2.4	225	0.89	13.2
29055	Core	0.073	0.44	3.78	848.1	214	1.01	0.47	0.64	2.90	16.60	7.5	169	2.14	21.2
29056	Core	0.020	0.19	>10	80.5	798	3.54	0.48	0.27	0.41	47.52	19.3	111	7.67	54.9
29057	Core	<0.005	0.19	>10	27.3	731	2.90	0.39	0.25	0.14	112.88	16.6	98	6.59	47.6
29058	Core	0.009	0.14	>10	28.6	721	3.25	0.41	0.24	0.08	72.90	17.3	120	6.66	47.4
29059	Core	0.230	0.19	2.57	658.0	108	0.68	0.16	0.06	0.33	27.10	4.3	175	1.41	15.0
29060	Core	0.025	0.14	2.34	178.8	102	0.63	0.20	0.10	0.40	12.21	4.7	165	1.30	16.5
29061	Core	0.015	0.71	2.72	149.0	107	0.56	0.17	0.05	0.20	18.29	4.9	173	1.21	11.4
29062	Core	0.016	0.24	2.63	51.9	106	0.57	0.06	0.05	0.55	35.14	3.9	169	1.16	9.9
29063	Core	0.045	0.49	1.85	153.2	72	0.39	0.06	0.09	4.30	21.99	3.9	199	0.97	14.9
29064	Core	0.258	0.16	5.35	205.3	347	1.52	0.15	0.23	0.52	41.27	7.8	162	3.33	19.0
29065	Core	0.682	0.23	>10	545.2	976	3.63	0.44	0.26	0.18	66.75	16.9	164	7.87	46.0
29066	Core	0.012	0.15	>10	28.9	962	3.41	0.39	0.23	0.09	85.98	18.4	150	7.63	62.1
29067	Core	0.005	0.07	3.91	7.1	206	0.89	0.15	0.76	0.08	37.63	7.4	149	1.80	15.6
29068	Core	0.007	0.15	5.26	5.7	295	1.02	0.17	0.63	0.05	54.22	9.6	146	2.53	20.5
29069	Core	<0.005	0.28	5.88	6.0	335	1.15	0.17	0.36	0.05	59.33	10.9	143	2.93	22.8
29070	Core	<0.005	0.11	9.56	9.1	646	2.23	0.32	0.19	0.04	116.98	14.3	110	5.43	41.7
29071	Core	<0.005	0.19	>10	9.4	789	2.73	0.43	0.20	0.06	154.67	16.5	91	6.83	53.7
29072	Reject	0.007	0.13	>10	14.3	843	2.87	0.47	0.27	0.04	118.22	24.5	90	7.25	52.0
29073	Reject	0.006	0.11	>10	16.0	845	2.83	0.48	0.34	0.06	80.62	26.5	98	7.59	52.9
29074	Core	<0.005	0.16	0.06	3.4	25	<0.05	0.04	>10	0.06	<0.01	0.9	5	0.25	3.5
29075	Core	<0.005	0.13	>10	17.8	1099	3.05	0.58	0.64	0.11	75.67	27.1	96	8.48	50.5
29076	Core	0.006	0.30	>10	21.2	940	3.04	0.63	0.21	0.14	147.78	21.4	88	8.25	55.9
29077	Core	0.008	0.17	>10	22.8	903	3.41	0.61	0.39	0.21	131.99	21.3	124	8.61	52.6
29078	Core	0.006	0.12	>10	18.6	748	2.70	0.48	0.89	0.08	123.72	17.6	147	7.92	55.2
29079	Core	0.008	0.28	>10	24.0	816	3.36	0.58	0.53	0.14	105.56	21.6	144	9.10	60.0
29080	Core	0.010	0.13	>10	19.7	814	3.06	0.55	0.73	0.08	130.99	20.0	103	8.68	57.4
29081	Core	0.006	0.12	>10	17.8	772	2.55	0.46	0.59	0.08	56.72	19.5	141	7.64	47.5
29082	Core	<0.005	0.16	>10	14.6	802	2.81	0.49	0.28	0.08	52.68	17.8	129	7.69	53.2
29083	Core	0.010	0.24	>10	35.1	816	3.21	0.52	0.70	0.08	110.51	21.5	106	8.52	52.3
29084	Core	0.082	0.32	>10	66.2	840	2.98	0.55	0.23	0.23	118.95	23.0	153	8.18	44.8
29085	Core	0.026	0.24	>10	46.6	893	3.66	0.54	0.18	0.09	84.04	38.3	168	9.46	54.4
29086	Core	0.008	0.12	>10	12.0	831	3.14	0.37	0.22	0.04	70.27	14.1	109	7.86	47.4
29087	Core	0.006	0.14	>10	12.9	850	2.84	0.40	0.17	0.04	107.86	17.5	119	8.05	51.1
29088	Core	0.013	0.12	>10	27.4	830	3.08	0.38	0.13	0.03	114.52	19.3	140	8.73	44.1
29089	Core	0.011	0.05	1.81	12.5	28	0.41	0.06	0.33	0.06	41.83	3.5	169	0.63	9.8
29090	Core	0.027	0.06	1.69	10.1	30	0.23	0.07	0.76	0.13	24.01	3.2	156	0.75	8.1
29091	Core	0.023	0.12	>10	33.3	825	2.77	0.31	0.08	0.03	85.24	15.2	183	7.34	49.0
29092	Core	0.007	0.08	2.14	10.1	49	0.32	0.10	0.08	0.03	28.11	5.0	209	0.82	11.4
29093	Core	0.146	0.06	1.11	25.7	17	0.21	0.06	0.05	0.08	17.19	2.7	202	0.47	9.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29094	Core	0.051	0.09	2.68	43.1	123	0.72	0.16	0.43	0.05	48.25	7.5	230	1.70	14.1
29095	Core	0.070	0.15	3.74	183.9	226	0.81	0.14	0.13	0.06	52.66	9.1	232	2.32	31.7
30585	Core	0.092	0.16	>10	198.9	1100	2.80	0.38	0.03	0.12	89.68	9.0	135	7.10	44.5
30586	Core	0.036	0.23	>10	32.9	1122	3.38	0.53	0.01	0.08	64.66	7.8	116	6.93	48.7
30587	Core	0.034	0.13	>10	31.5	1177	3.36	0.45	0.03	0.07	57.95	9.8	113	6.97	44.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29054	Core	0.81	3.70	1.12	0.7	0.08	0.55	8.1	9.4	0.16	393	0.50	0.03	0.5	6.6
29055	Core	1.96	9.16	0.94	1.8	0.09	1.36	8.8	16.9	0.32	700	0.48	0.07	1.1	15.4
29056	Core	4.65	28.54	1.03	2.8	0.09	4.27	22.4	37.9	0.69	404	0.50	0.31	2.8	48.1
29057	Core	5.13	25.82	1.00	3.0	0.07	3.87	34.2	47.6	0.95	337	0.43	0.30	2.5	43.9
29058	Core	5.03	25.66	1.22	3.1	0.08	3.69	28.3	41.2	0.75	402	0.35	0.25	2.0	43.9
29059	Core	1.36	6.03	0.85	1.3	0.06	0.63	10.6	44.9	0.10	632	0.56	0.04	0.8	10.7
29060	Core	1.50	5.43	0.82	1.2	0.11	0.58	9.1	44.0	0.09	773	0.49	0.05	1.8	9.7
29061	Core	1.23	5.89	0.77	1.1	0.03	0.54	9.1	10.9	0.10	457	0.51	0.04	0.7	12.0
29062	Core	1.10	5.73	0.77	1.5	0.02	0.53	14.3	9.1	0.09	388	0.41	0.03	1.0	9.2
29063	Core	1.12	4.15	0.86	1.1	0.08	0.42	10.7	22.9	0.07	428	0.50	0.02	0.8	9.6
29064	Core	2.04	13.53	0.84	2.0	0.04	1.65	17.6	20.4	0.22	731	0.51	0.10	1.5	19.4
29065	Core	4.71	29.13	1.24	3.1	0.08	4.09	30.3	39.8	0.58	465	0.54	0.34	2.8	42.5
29066	Core	4.25	30.13	1.34	3.2	0.09	3.89	34.5	52.2	0.67	414	0.48	0.35	2.9	47.1
29067	Core	2.43	8.73	0.68	1.5	0.06	0.79	15.5	34.7	0.57	683	0.40	0.08	0.9	16.8
29068	Core	2.64	11.91	0.75	1.9	0.05	1.14	17.5	34.5	0.62	662	0.36	0.12	1.3	20.8
29069	Core	3.52	13.50	0.93	2.2	0.04	1.23	24.9	50.1	0.74	670	0.43	0.14	1.9	24.9
29070	Core	4.36	21.80	1.34	2.7	0.06	2.44	43.5	69.3	1.03	415	0.45	0.33	2.7	37.7
29071	Core	5.11	26.30	1.53	2.9	0.08	2.89	57.2	83.0	1.17	430	0.53	0.43	2.8	43.9
29072	Reject	4.53	26.23	1.45	2.7	0.08	2.99	39.2	63.9	0.88	472	0.84	0.43	2.6	43.3
29073	Reject	4.43	25.73	1.32	2.8	0.09	3.09	26.4	60.5	0.91	464	0.94	0.45	2.9	44.1
29074	Core	0.44	0.25	<0.05	<0.1	0.01	0.02	0.7	1.1	>10	204	0.11	<0.01	0.2	2.3
29075	Core	3.81	25.25	1.41	2.6	0.08	3.35	28.1	43.5	0.80	565	1.22	0.49	2.9	35.3
29076	Core	4.21	25.16	1.34	2.8	0.08	3.40	46.0	38.2	0.64	550	1.57	0.57	3.4	43.0
29077	Core	5.11	24.74	1.36	2.6	0.10	3.22	46.6	47.9	0.79	735	1.61	0.54	3.0	43.2
29078	Core	4.68	22.10	1.31	2.6	0.08	2.75	45.4	68.5	1.01	927	1.02	0.48	2.3	38.9
29079	Core	4.60	24.82	1.44	4.1	0.09	3.00	48.1	54.7	0.85	532	1.13	0.54	3.8	48.3
29080	Core	4.83	25.12	1.48	2.9	0.08	2.96	48.3	64.0	1.12	750	1.00	0.50	2.8	44.8
29081	Core	4.80	23.73	1.32	2.7	0.08	2.79	25.9	71.1	1.17	635	1.02	0.47	2.4	43.8
29082	Core	4.09	24.81	1.39	2.7	0.07	2.95	25.7	67.2	1.05	398	0.70	0.52	2.6	41.0
29083	Core	4.66	24.28	1.37	2.6	0.08	3.15	43.9	59.7	1.11	685	0.91	0.47	2.7	43.5
29084	Core	4.32	25.47	1.41	2.7	0.08	3.46	34.7	58.4	0.94	415	0.81	0.41	3.3	46.7
29085	Core	6.26	26.83	1.51	2.8	0.08	3.46	28.6	73.2	1.08	367	0.79	0.42	2.8	58.0
29086	Core	5.35	26.77	1.63	2.9	0.08	3.41	27.5	87.3	1.37	335	0.58	0.35	3.1	42.4
29087	Core	5.62	27.12	1.60	3.2	0.08	3.49	33.9	88.9	1.40	358	0.61	0.33	3.4	45.2
29088	Core	5.11	27.44	1.40	3.6	0.08	3.63	44.6	68.8	1.18	363	0.65	0.27	3.9	46.6
29089	Core	1.49	3.06	0.81	1.1	0.01	0.10	11.8	49.2	0.26	355	0.56	0.29	0.6	9.8
29090	Core	1.64	3.11	0.85	1.0	0.01	0.12	10.7	42.4	0.43	447	0.44	0.54	0.6	9.4
29091	Core	3.38	25.96	1.17	3.5	0.08	3.64	25.2	37.0	0.76	243	0.66	0.34	3.6	34.4
29092	Core	2.61	4.84	0.90	1.4	0.01	0.19	11.8	46.5	0.47	311	0.47	0.13	0.7	18.1
29093	Core	1.16	2.11	0.79	0.6	<0.01	0.07	8.0	35.1	0.16	189	0.51	0.01	0.5	7.6

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11-360-07876-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29094	Core	2.17	7.09	0.85	2.0	0.02	0.57	15.4	27.2	0.28	238	0.58	0.04	1.1	17.3
29095	Core	2.34	10.34	0.85	2.2	0.03	1.04	16.6	52.5	0.40	307	0.65	0.13	1.5	19.2
30585	Core	4.40	23.70	1.47	2.8	0.07	4.03	32.5	49.8	0.73	329	0.74	0.26	3.5	30.2
30586	Core	5.04	26.43	1.45	3.0	0.08	4.29	21.0	53.1	0.86	246	0.67	0.24	3.7	30.3
30587	Core	4.80	27.43	1.50	3.2	0.09	4.41	17.6	55.3	0.93	305	0.46	0.22	3.6	31.7

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29054	Core	<10	113.8	29.3	0.002	0.358	1.15	1.7	4.0	13.9	17.9	0.06	0.57	4.9	0.017
29055	Core	<10	218.3	71.1	0.002	1.194	3.17	4.5	4.2	6.3	34.3	0.19	0.63	10.2	0.049
29056	Core	434	36.6	219.8	<0.002	0.672	3.98	18.0	4.0	7.4	97.1	0.53	0.64	16.4	0.142
29057	Core	626	24.9	195.4	<0.002	0.131	1.62	16.6	3.5	8.1	88.9	0.51	0.68	18.3	0.126
29058	Core	392	22.3	196.5	0.002	0.156	3.49	16.4	4.1	2.8	75.8	0.33	0.73	18.3	0.122
29059	Core	<10	80.5	34.6	0.003	0.319	1.36	3.1	4.0	11.1	11.9	0.12	0.61	7.7	0.038
29060	Core	151	29.1	32.5	0.004	0.272	0.96	2.9	4.9	5.3	15.1	0.12	0.60	8.3	0.027
29061	Core	<10	39.4	31.4	<0.002	0.262	0.90	2.9	4.5	4.7	9.9	0.09	0.66	6.4	0.029
29062	Core	<10	84.9	31.0	0.004	0.241	0.99	2.7	3.8	10.1	9.6	0.09	0.58	8.4	0.038
29063	Core	221	308.7	23.5	<0.002	0.413	1.63	2.2	3.7	9.8	12.5	0.10	0.63	7.0	0.027
29064	Core	114	63.5	94.9	<0.002	0.677	1.84	7.4	4.5	4.5	41.4	0.18	0.61	12.0	0.073
29065	Core	432	23.3	222.0	0.003	0.442	1.88	17.7	3.6	<0.2	130.5	0.42	0.70	19.2	0.144
29066	Core	200	18.1	216.2	0.003	0.138	1.19	18.1	3.7	<0.2	133.3	0.40	0.70	20.5	0.144
29067	Core	36	13.6	47.8	0.003	0.029	0.35	4.9	3.5	6.7	84.7	0.11	0.67	8.4	0.041
29068	Core	19	11.5	70.2	0.004	0.053	0.45	6.8	3.3	<0.2	72.3	0.14	0.68	11.1	0.073
29069	Core	54	5.5	75.0	0.006	0.060	0.27	8.0	3.7	1.2	61.0	0.18	0.57	12.2	0.097
29070	Core	176	5.4	142.6	0.003	0.098	0.37	13.5	3.9	4.0	121.5	0.31	0.66	18.0	0.121
29071	Core	465	5.8	175.5	0.003	0.136	0.32	17.1	4.2	11.8	163.0	0.36	0.65	19.9	0.134
29072	Reject	187	15.0	185.7	0.003	0.792	0.71	16.9	4.1	1.0	172.8	0.33	0.75	17.0	0.132
29073	Reject	175	17.5	186.1	<0.002	0.919	0.87	16.8	3.8	2.5	179.0	0.32	0.73	16.1	0.143
29074	Core	60	4.0	1.1	<0.002	<0.01	0.13	0.5	4.5	1.2	36.4	0.07	0.54	<0.2	<0.005
29075	Core	515	23.5	200.7	0.004	1.628	1.04	16.5	4.5	7.5	677.6	0.35	0.74	14.8	0.158
29076	Core	113	38.7	198.8	0.004	2.506	1.36	16.9	4.6	8.5	251.8	0.35	0.84	17.4	0.169
29077	Core	225	41.5	192.1	0.005	2.758	1.54	17.1	5.1	6.3	216.7	0.31	0.80	17.2	0.154
29078	Core	118	30.8	167.0	0.004	2.160	1.21	14.6	4.6	6.5	205.4	0.24	0.70	16.3	0.114
29079	Core	128	38.6	192.3	0.005	2.814	2.19	17.7	5.1	6.3	221.2	0.62	0.84	18.0	0.126
29080	Core	751	33.4	183.6	0.007	2.492	2.58	17.2	3.9	<0.2	200.7	0.38	0.85	17.0	0.128
29081	Core	168	24.2	170.9	0.004	1.904	2.46	16.2	4.3	8.6	189.9	0.33	0.71	15.2	0.122
29082	Core	114	16.6	183.0	0.003	1.218	2.12	16.3	4.3	5.5	187.8	0.36	0.73	15.4	0.133
29083	Core	153	32.9	191.4	0.004	2.218	6.36	16.9	3.7	2.9	197.9	0.31	0.73	16.4	0.139
29084	Core	128	38.2	211.9	0.003	2.323	6.30	17.7	3.8	10.6	161.3	0.36	0.62	16.0	0.154
29085	Core	428	29.1	218.7	0.003	2.655	5.64	17.6	5.3	3.5	174.2	0.34	0.65	16.7	0.154
29086	Core	727	9.7	197.4	<0.002	0.426	1.91	17.3	4.4	5.0	130.1	0.36	0.58	16.0	0.159
29087	Core	279	10.6	198.6	0.003	0.382	1.94	17.7	4.3	2.8	122.6	0.41	0.60	17.9	0.173
29088	Core	283	17.8	208.0	0.003	0.402	1.70	17.9	4.0	11.5	102.1	0.51	0.57	20.4	0.166
29089	Core	<10	11.3	7.0	<0.002	0.145	0.52	1.8	4.5	5.2	44.1	0.06	0.56	7.3	0.019
29090	Core	<10	23.3	8.4	0.003	0.121	0.44	1.7	4.9	1.1	68.0	0.05	0.52	6.9	0.019
29091	Core	64	8.5	207.8	0.002	0.345	1.63	15.6	4.0	1.7	80.2	0.42	0.63	20.1	0.146
29092	Core	18	62.8	13.0	<0.002	0.063	0.45	2.5	4.3	5.7	11.1	0.07	0.60	9.1	0.024
29093	Core	<10	20.3	4.8	0.002	0.090	0.43	1.3	4.5	11.0	10.1	<0.05	0.56	4.5	0.013

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29094	Core	1819	18.3	36.4	<0.002	0.183	0.99	3.8	4.3	5.1	42.4	0.10	0.53	12.3	0.038
29095	Core	124	10.9	59.1	<0.002	0.218	0.90	5.7	3.1	10.5	26.0	0.15	0.55	11.0	0.055
30585	Core	95	15.6	205.3	<0.002	0.187	5.86	17.0	4.8	0.4	63.0	0.35	0.70	14.3	0.158
30586	Core	79	16.8	216.6	0.006	0.484	6.03	18.1	4.4	12.6	54.9	0.42	0.72	12.9	0.170
30587	Core	189	15.2	237.9	0.034	0.677	5.87	19.4	4.5	2.6	54.9	0.40	0.76	14.6	0.172

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29054	Core	0.14	0.7	17	1.3	2.3	201	21.0
29055	Core	0.27	1.5	43	4.9	4.3	210	50.7
29056	Core	1.04	4.0	137	1.8	6.7	149	74.7
29057	Core	0.89	4.1	140	1.3	7.9	133	80.3
29058	Core	0.88	4.2	139	1.9	7.9	115	82.8
29059	Core	0.16	1.0	25	3.6	3.5	43	35.1
29060	Core	0.15	0.9	23	3.6	3.9	61	34.1
29061	Core	0.17	0.8	25	2.3	2.8	34	31.9
29062	Core	0.15	1.1	26	2.1	3.5	53	40.4
29063	Core	0.12	0.8	17	2.2	3.4	270	30.4
29064	Core	0.41	1.8	61	3.5	5.5	74	54.6
29065	Core	1.06	4.4	144	4.2	7.7	117	82.8
29066	Core	0.95	4.3	146	2.3	7.3	113	87.7
29067	Core	0.19	1.3	48	0.9	4.1	54	42.6
29068	Core	0.30	1.7	67	0.8	4.9	57	58.6
29069	Core	0.32	2.2	76	0.8	5.5	70	60.2
29070	Core	0.64	3.6	122	1.1	7.0	99	75.1
29071	Core	0.79	4.5	147	1.4	8.1	121	78.9
29072	Reject	0.84	3.7	140	1.6	6.6	117	70.3
29073	Reject	0.88	3.7	137	1.7	6.3	116	72.1
29074	Core	0.02	0.5	289	0.2	0.7	19	<0.5
29075	Core	1.00	3.5	143	1.7	6.2	97	66.0
29076	Core	0.95	3.8	136	3.7	6.3	104	72.1
29077	Core	0.91	3.8	140	1.9	6.5	134	70.5
29078	Core	0.74	3.3	128	1.4	8.0	112	68.9
29079	Core	0.87	3.6	134	1.5	7.7	99	74.4
29080	Core	0.86	3.9	136	1.3	7.2	104	71.5
29081	Core	0.83	3.5	137	1.1	6.5	107	68.4
29082	Core	0.87	3.5	135	1.8	5.6	97	68.2
29083	Core	0.92	3.4	139	2.9	6.2	93	67.2
29084	Core	1.06	3.4	139	1.9	5.4	101	68.7
29085	Core	0.99	3.3	165	0.8	5.6	115	70.9
29086	Core	0.95	3.8	163	0.7	6.5	120	75.5
29087	Core	0.96	4.1	171	0.8	6.5	118	81.2
29088	Core	1.07	4.0	168	1.9	7.4	110	92.3
29089	Core	0.07	1.0	19	0.9	2.2	26	26.3
29090	Core	0.06	0.9	22	0.6	2.5	36	23.0
29091	Core	0.99	4.0	147	1.7	7.0	63	111.2
29092	Core	0.09	1.2	30	0.8	2.5	49	31.3
29093	Core	0.04	0.7	12	0.8	1.4	27	15.1

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29094	Core	0.20	1.8	38	1.9	7.7	43	54.8
29095	Core	0.31	2.2	55	2.7	4.6	47	59.4
30585	Core	1.03	3.4	133	4.4	5.4	114	73.5
30586	Core	1.08	3.5	145	4.1	4.8	101	79.9
30587	Core	1.14	3.8	153	2.3	5.2	105	84.5

3Ace Property, Northern Tiger Resources Inc.
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29054	Core		0.29	1.64	347.9	72	0.40	0.36	0.38	3.34	19.12	2.4	225	0.89	13.2
29054 Dup			0.30	1.65	345.8	73	0.38	0.38	0.40	3.47	24.58	2.4	217	0.90	12.4
QCV1110-02074-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			52.14	7.45					0.84						4250.8
29072	Reject		0.13	>10	14.3	843	2.87	0.47	0.27	0.04	118.22	24.5	90	7.25	52.0
29072 Dup			0.12	>10	14.8	848	2.97	0.48	0.28	0.04	114.82	23.9	93	7.15	52.0
QCV1110-02074-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	8.05	7.4	456	2.71	2.35	0.56	0.03		15.5		6.55	2301.8
29090	Core		0.06	1.69	10.1	30	0.23	0.07	0.76	0.13	24.01	3.2	156	0.75	8.1
29090 Dup			0.07	1.68	11.3	40	0.20	0.10	0.71	0.11	14.32	3.1	155	0.74	7.7
QCV1110-02074-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.72	8.43	6.3	467	2.69	2.36	0.55	<0.02		15.8		6.44	2430.1
29054	Core	0.041													
29054 Dup		0.049													
29072	Reject	0.007													
29072 Dup		0.006													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.420													
QCV1110-02075-0004-BLK		0.007													
29090	Core	0.027													
29090 Dup		0.023													
QCV1110-02075-0006-BLK		0.008													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.842													

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29054	Core	0.81	3.70	1.12	0.7	0.08	0.55	8.1	9.4	0.16	393	0.50	0.03	0.5	6.6
29054 Dup		0.85	3.71	1.13	0.9	0.09	0.54	8.9	9.1	0.17	412	0.48	0.03	0.6	6.6
QCV1110-02074-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		5.08					4.33			0.91			1.23		
29072	Reject	4.53	26.23	1.45	2.7	0.08	2.99	39.2	63.9	0.88	472	0.84	0.43	2.6	43.3
29072 Dup		4.52	25.98	1.36	2.7	0.08	2.98	38.7	64.1	0.87	475	0.90	0.42	2.8	42.7
QCV1110-02074-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.68	18.64		4.0	0.34	2.75	43.6	27.1	1.61		0.66	0.47	12.8	36.9
29090	Core	1.64	3.11	0.85	1.0	0.01	0.12	10.7	42.4	0.43	447	0.44	0.54	0.6	9.4
29090 Dup		1.56	3.19	0.76	1.1	0.01	0.12	10.4	42.8	0.43	427	0.42	0.56	0.6	8.8
QCV1110-02074-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.70	18.59		4.0	0.34	2.92	44.7	28.6	1.67		0.66	0.51	13.0	38.5

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29054	Core	<10	113.8	29.3	0.002	0.358	1.15	1.7	4.0	13.9	17.9	0.06	0.57	4.9	0.017
29054 Dup		<10	126.3	29.6	<0.002	0.353	1.61	1.7	4.5	10.3	18.3	0.06	0.57	5.2	0.022
QCV1110-02074-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2242.6			2.438									0.246
29072	Reject	187	15.0	185.7	0.003	0.792	0.71	16.9	4.1	1.0	172.8	0.33	0.75	17.0	0.132
29072 Dup		192	15.0	181.9	0.002	0.804	0.71	17.0	4.2	9.1	172.0	0.34	0.70	17.3	0.141
QCV1110-02074-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16								
STD-OREAS92-4A result		691	9.9	203.6	0.004	0.263	1.18	13.6			31.1		0.63	18.7	0.381
29090	Core	<10	23.3	8.4	0.003	0.121	0.44	1.7	4.9	1.1	68.0	0.05	0.52	6.9	0.019
29090 Dup		<10	23.6	8.1	0.003	0.116	0.91	1.8	3.8	3.3	67.5	0.06	0.58	6.8	0.019
QCV1110-02074-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16								
STD-OREAS92-4A result		723	9.9	209.3	0.005	0.291	1.31	14.2					0.50	18.2	0.379

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29054	Core	0.14	0.7	17	1.3	2.3	201	21.0
29054 Dup		0.12	0.8	18	1.4	2.4	212	24.2
QCV1110-02074-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2669	
29072	Reject	0.84	3.7	140	1.6	6.6	117	70.3
29072 Dup		0.84	3.9	140	1.6	6.6	119	70.8
QCV1110-02074-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.85	3.1		2.3	25.1	87	107.7
29090	Core	0.06	0.9	22	0.6	2.5	36	23.0
29090 Dup		0.05	0.9	22	0.6	2.4	37	22.7
QCV1110-02074-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.86	3.2		2.4	26.1	91	110.7

3Ace Property, Northern Tiger Resources Inc.
Vol 8-496
Buchanan et al., 2011

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 9: Appendix F (Cont.): Drill Core Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)

Certificates of Analysis

Drill Core (Cont.)

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Certificate of Analysis

11-360-07877-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 39**
Client Reference: **Core39**
Description: **3 ACE**

Date Received: 10/20/2011
Date Completed: 11/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By

Michael Caron - Operations Manager

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Certificate of Analysis

11-360-07877-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30483	Core	0.035	0.22	2.23	470.8	105	0.48	0.02	0.01	0.66	18.50	1.2	207	1.90	9.5
30484	Core	0.029	0.13	2.79	674.3	146	0.61	0.03	0.01	0.53	39.21	0.9	209	1.88	8.4
30485	Core	0.063	0.16	2.87	1280.4	140	0.59	0.02	0.01	0.61	27.54	0.8	204	1.84	8.7
30486	Core	0.032	0.20	3.38	603.6	159	0.82	0.03	0.01	0.54	35.14	0.9	217	2.16	8.7
30487	Core	0.017	0.08	3.16	380.7	148	0.59	0.02	<0.01	0.33	38.77	1.6	238	1.87	9.1
30488	Core	0.012	0.07	2.76	334.6	112	0.57	0.02	0.01	0.34	25.62	1.7	190	1.46	10.1
30489	Core	0.017	0.10	3.06	439.9	131	0.60	0.02	0.01	0.60	26.31	2.6	203	1.47	9.2
30490	Core	0.011	0.21	3.72	104.4	182	0.89	0.05	0.02	0.55	28.64	9.0	192	1.87	11.2
30491	Core	0.007	0.20	4.71	25.7	246	0.90	0.11	0.03	2.37	47.70	8.7	231	2.34	20.5
30492	Core	0.006	0.11	3.00	41.9	126	0.63	0.06	0.02	0.18	38.80	4.0	202	1.72	9.9
30493	Core	0.010	0.10	2.99	54.8	144	0.70	0.08	0.01	0.08	32.03	2.2	223	1.49	12.1
30494	Core	0.006	0.08	2.56	30.4	100	0.51	0.03	0.01	0.08	31.59	4.1	205	1.03	10.2
30495	Core	0.008	0.09	2.59	165.5	103	0.49	0.03	0.03	0.16	33.80	2.6	346	1.38	7.1
30496	Core	<0.005	0.07	2.71	9.3	98	0.51	0.04	0.04	0.54	25.34	5.0	271	1.18	8.2
30497	Core	0.024	0.19	6.67	235.0	400	1.88	0.11	0.05	0.45	42.05	12.6	245	3.86	26.4
30498	Core	0.016	0.12	3.35	102.2	146	0.64	0.03	0.10	0.28	31.95	6.5	203	1.69	9.4
30499	Core	0.023	0.22	2.89	517.6	145	0.66	0.04	0.03	0.42	27.64	1.9	241	1.73	10.9
30500	Core	0.024	0.08	2.31	386.2	101	0.48	0.03	0.02	0.15	28.94	0.7	204	1.32	6.1
30501	Core	0.014	0.08	2.65	84.8	111	0.60	0.10	0.03	0.16	35.26	2.9	242	1.50	11.5
30502	Core	0.016	0.32	4.24	158.2	216	1.20	0.12	0.03	0.29	24.79	5.9	226	2.27	19.6
30503	Core	0.064	0.14	4.06	498.0	204	1.26	0.14	0.05	0.94	27.62	5.8	256	2.47	30.6
30504	Reject	0.040	0.19	5.18	470.0	252	1.30	0.17	0.22	2.40	41.38	5.7	236	2.50	26.7
30505	Pulp	7.482	0.49	3.51	896.5	184	1.04	0.62	>10	4.32	36.64	7.1	107	7.50	35.6
30506	Reject	0.047	0.26	4.45	523.5	215	1.32	0.12	0.14	3.36	33.25	6.2	263	2.28	28.8
30507	Core	0.032	0.26	5.00	205.9	260	1.46	0.20	0.06	1.65	33.67	9.5	257	2.86	20.2
30508	Core	0.025	0.10	3.04	258.3	132	0.67	0.05	0.03	0.41	38.77	4.1	233	1.85	10.4
30509	Core	0.009	0.07	3.10	10.2	142	0.59	0.04	0.40	0.06	38.95	3.5	226	1.78	11.7
30510	Core	0.008	0.10	3.08	88.8	143	0.78	0.05	0.48	1.10	25.19	6.3	241	1.91	15.9
30511	Core	0.009	0.09	2.71	225.0	116	0.74	0.03	0.04	0.66	35.75	2.9	260	1.65	11.4
30512	Core	0.036	0.10	2.47	379.9	108	0.57	0.03	0.03	0.46	23.34	1.6	282	1.58	10.8
30513	Core	0.018	0.21	6.29	361.2	329	1.75	0.10	0.04	4.31	45.53	10.2	248	3.00	33.5
30514	Core	0.023	0.19	5.22	57.5	270	1.67	0.18	0.09	0.86	44.30	14.2	233	2.50	27.8
30515	Core	0.012	0.28	6.26	88.3	368	2.08	0.21	0.08	1.14	49.59	14.2	187	3.54	34.4
30516	Core	0.008	0.16	4.00	120.0	193	1.35	0.10	0.04	1.00	34.05	7.8	204	1.98	24.7
30517	Core	0.011	0.19	9.31	81.8	518	2.63	0.36	0.07	2.73	49.44	18.0	178	4.44	46.0
30518	Core	0.014	0.10	2.30	77.0	72	0.50	0.03	0.04	0.45	22.14	5.4	185	1.22	11.4
30519	Core	0.021	0.21	2.65	96.7	104	0.59	0.05	0.06	0.41	30.89	5.6	161	1.37	16.2
30520	Core	0.024	0.50	2.20	128.9	82	0.58	0.02	0.01	4.46	26.17	5.2	201	1.25	6.9
30521	Core	0.071	0.20	4.58	464.2	259	1.11	0.14	0.04	5.75	26.38	7.7	212	2.60	18.5
30522	Core	0.050	0.65	4.50	475.8	237	1.20	0.11	0.03	3.62	20.50	8.7	189	2.27	17.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30523	Core	0.024	0.16	3.40	218.6	166	0.90	0.07	0.03	1.48	22.94	5.5	204	1.72	10.4
30524	Core	0.015	0.13	2.41	123.6	89	0.56	0.03	0.05	0.56	26.46	4.6	215	1.16	7.9
30525	Core	0.009	0.22	2.55	49.3	95	0.63	0.09	0.06	0.62	21.36	4.6	195	1.15	12.1
30526	Core	0.021	0.14	3.66	65.8	157	0.86	0.07	0.16	1.40	35.22	6.1	244	1.78	15.3
30527	Core	0.024	0.41	2.86	202.7	105	0.71	0.05	0.09	0.93	27.30	5.2	345	1.56	11.6
30528	Core	0.016	0.15	7.06	57.4	408	1.98	0.23	0.11	1.13	45.06	14.9	176	3.46	26.2
30529	Core	0.007	0.08	4.40	54.3	206	1.13	0.10	0.21	0.97	52.49	8.1	181	2.02	16.5
30530	Core	0.090	0.28	2.69	870.9	102	0.54	0.02	0.05	2.67	27.14	5.9	171	1.54	18.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30483	Core	0.76	4.27	1.20	1.0	0.02	0.67	8.1	11.8	0.04	23	0.44	0.04	0.9	3.6
30484	Core	0.66	5.77	1.08	1.2	0.01	0.88	16.7	13.8	0.05	19	0.44	0.04	1.1	2.4
30485	Core	0.83	5.43	1.17	1.3	0.02	1.10	12.5	8.8	0.08	26	0.37	0.05	1.0	2.8
30486	Core	0.87	6.69	1.24	1.4	0.02	1.13	15.4	18.3	0.07	23	0.43	0.05	1.1	3.0
30487	Core	0.98	6.31	1.11	1.4	0.01	0.91	17.0	15.6	0.06	26	0.47	0.05	1.2	5.7
30488	Core	0.92	4.96	1.06	1.3	<0.01	0.67	11.1	7.9	0.04	29	0.42	0.04	1.1	5.0
30489	Core	1.37	5.79	1.00	1.3	0.01	0.80	12.0	9.2	0.06	42	0.34	0.04	1.3	6.9
30490	Core	1.74	7.75	1.15	1.3	0.02	0.98	13.0	14.0	0.10	93	0.40	0.06	1.4	15.5
30491	Core	2.61	10.27	0.95	2.0	0.03	1.32	21.1	11.3	0.19	163	0.46	0.09	2.0	25.1
30492	Core	1.79	5.73	0.91	1.4	0.01	0.68	16.8	6.9	0.10	64	0.47	0.14	1.4	8.1
30493	Core	1.22	5.82	1.05	1.7	0.01	0.85	14.4	8.3	0.05	43	0.42	0.04	1.6	4.6
30494	Core	1.07	4.60	0.94	1.3	<0.01	0.59	13.3	7.7	0.05	41	0.49	0.03	1.3	5.5
30495	Core	1.65	4.80	0.92	1.2	<0.01	0.58	14.0	5.8	0.08	71	0.45	0.14	1.2	6.6
30496	Core	1.68	4.70	0.83	1.0	<0.01	0.58	11.1	6.9	0.18	126	0.36	0.53	1.1	10.6
30497	Core	3.58	14.90	1.21	2.3	0.04	2.17	19.2	16.7	0.41	206	0.42	0.34	3.0	26.0
30498	Core	1.72	6.39	0.96	1.7	0.01	0.80	14.6	9.7	0.22	187	0.47	0.39	1.9	16.8
30499	Core	1.58	5.45	1.01	1.3	0.01	0.78	12.2	12.0	0.08	44	0.49	0.18	1.9	5.8
30500	Core	0.85	4.35	0.93	1.1	0.01	0.70	12.7	7.4	0.06	28	0.45	0.03	1.4	3.2
30501	Core	0.93	5.13	0.98	1.4	0.01	0.62	15.4	6.4	0.08	50	0.53	0.33	1.7	6.6
30502	Core	1.88	8.31	1.09	1.3	0.02	1.22	10.9	8.9	0.14	105	0.51	0.22	2.6	11.9
30503	Core	2.18	8.19	1.20	1.2	0.02	1.32	12.3	12.6	0.18	217	0.50	0.05	2.3	15.7
30504	Reject	1.95	9.51	1.14	1.6	0.05	1.71	18.2	11.5	0.17	207	0.50	0.07	2.5	15.6
30505	Pulp	1.37	6.02	0.20	1.6	0.06	1.53	22.1	10.1	0.82	288	11.56	<0.01	7.8	67.2
30506	Reject	1.92	8.45	1.14	1.3	0.06	1.38	15.7	11.2	0.15	208	0.64	0.06	3.6	17.6
30507	Core	2.19	9.69	1.28	1.2	0.03	1.55	16.4	11.8	0.15	166	0.63	0.06	4.1	17.5
30508	Core	1.17	5.75	1.28	1.3	0.02	0.80	17.0	11.9	0.10	259	0.46	0.14	2.7	9.7
30509	Core	1.38	5.86	1.02	1.3	0.01	0.75	16.9	8.3	0.28	315	0.47	0.76	2.6	9.1
30510	Core	1.33	5.77	1.02	1.0	0.02	0.81	10.8	6.3	0.20	971	0.45	0.41	3.8	15.6
30511	Core	1.35	5.08	1.08	1.0	0.02	0.69	15.1	5.8	0.09	200	0.52	0.25	3.5	8.5
30512	Core	0.92	4.72	1.13	1.1	0.03	0.69	10.3	8.1	0.05	45	0.46	0.03	3.4	4.4
30513	Core	2.34	13.50	1.23	2.0	0.05	1.85	19.9	23.0	0.16	206	0.53	0.10	9.7	29.0
30514	Core	3.10	10.60	1.12	1.7	0.03	1.59	20.7	39.7	0.26	667	0.47	0.15	7.6	31.7
30515	Core	3.32	13.20	1.16	1.7	0.04	1.94	22.7	20.1	0.37	752	0.50	0.21	13.7	29.2
30516	Core	1.83	7.57	1.05	1.3	0.03	1.00	16.0	15.8	0.11	269	0.43	0.06	7.6	23.1
30517	Core	3.19	18.69	1.34	2.4	0.05	2.96	24.6	26.0	0.37	334	0.56	0.16	4.2	37.2
30518	Core	2.06	3.97	1.10	0.7	0.01	0.41	10.4	16.4	0.12	392	0.34	0.02	0.9	14.3
30519	Core	1.76	4.99	1.04	0.9	0.01	0.61	14.6	9.8	0.14	332	0.43	0.03	1.0	14.5
30520	Core	1.13	4.01	1.20	0.9	0.01	0.52	12.2	10.0	0.04	126	0.37	0.03	1.2	10.1
30521	Core	1.76	9.10	1.27	1.4	0.03	1.51	12.7	9.2	0.13	214	0.48	0.07	2.1	16.2
30522	Core	2.04	8.94	1.15	1.6	0.04	1.43	9.9	13.5	0.12	287	0.46	0.07	1.8	19.7

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30523	Core	1.67	6.31	1.00	1.1	0.02	0.94	11.1	17.8	0.09	327	0.43	0.05	1.4	14.3
30524	Core	1.67	4.42	0.83	0.9	0.01	0.54	12.2	13.8	0.08	744	0.44	0.04	1.2	11.8
30525	Core	1.40	4.61	0.86	0.7	0.01	0.53	9.7	12.5	0.09	515	0.42	0.04	1.1	13.9
30526	Core	2.98	7.06	1.09	1.2	0.02	0.94	17.1	12.3	0.24	883	0.50	0.05	1.5	13.9
30527	Core	2.52	5.04	0.95	1.1	0.02	0.72	12.6	9.0	0.14	763	0.49	0.04	1.4	14.1
30528	Core	3.57	14.47	1.03	2.0	0.04	2.11	21.5	25.0	0.53	550	0.47	0.13	3.0	31.0
30529	Core	2.72	8.81	0.95	1.5	0.02	1.11	22.6	24.2	0.32	579	0.40	0.08	1.4	20.8
30530	Core	1.45	5.16	1.05	1.0	0.06	0.91	12.9	17.4	0.14	387	0.35	0.06	1.2	14.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30483	Core	74	36.1	31.8	<0.002	<0.01	1.99	<0.1	<1.0	2.3	17.0	0.05	<0.05	5.6	0.021
30484	Core	57	11.4	40.3	<0.002	0.011	1.72	<0.1	<1.0	1.8	17.8	0.07	<0.05	5.2	0.030
30485	Core	87	11.3	51.0	<0.002	0.028	1.97	<0.1	<1.0	5.5	22.4	0.07	<0.05	7.9	0.030
30486	Core	167	7.1	51.3	<0.002	0.024	1.88	<0.1	<1.0	3.3	34.2	0.08	<0.05	9.2	0.035
30487	Core	108	6.9	42.4	<0.002	0.022	1.46	<0.1	<1.0	1.8	17.5	0.08	<0.05	9.4	0.034
30488	Core	93	7.8	30.4	<0.002	0.020	1.43	<0.1	<1.0	1.5	15.6	0.07	<0.05	7.7	0.027
30489	Core	214	10.6	33.4	<0.002	0.030	1.44	<0.1	<1.0	1.1	13.1	0.08	<0.05	10.0	0.030
30490	Core	228	5.8	44.7	<0.002	0.043	0.98	0.3	<1.0	1.0	12.7	0.09	<0.05	9.3	0.033
30491	Core	120	15.5	59.1	<0.002	0.075	1.45	2.7	<1.0	1.4	14.8	0.14	<0.05	12.9	0.049
30492	Core	120	11.1	31.2	<0.002	0.027	0.82	<0.1	<1.0	0.9	11.0	0.08	<0.05	9.6	0.033
30493	Core	124	12.3	37.7	<0.002	0.022	1.12	<0.1	<1.0	0.9	10.4	0.10	<0.05	10.5	0.035
30494	Core	115	6.9	25.4	<0.002	0.018	0.65	<0.1	<1.0	0.9	9.8	0.09	<0.05	9.1	0.030
30495	Core	168	4.6	25.8	<0.002	0.024	0.72	<0.1	<1.0	0.8	11.1	0.06	<0.05	8.1	0.032
30496	Core	127	3.5	24.0	<0.002	0.049	0.49	<0.1	<1.0	0.9	14.4	0.06	<0.05	7.0	0.030
30497	Core	117	6.6	95.2	<0.002	0.264	1.60	7.4	<1.0	2.6	22.4	0.18	<0.05	13.0	0.078
30498	Core	346	4.7	34.1	<0.002	0.233	0.97	<0.1	<1.0	1.3	17.8	0.12	<0.05	10.4	0.042
30499	Core	223	6.1	35.0	<0.002	0.173	1.19	<0.1	<1.0	1.4	15.0	0.12	<0.05	8.5	0.035
30500	Core	187	12.9	31.0	<0.002	0.104	1.02	<0.1	<1.0	1.1	10.5	0.08	<0.05	6.7	0.031
30501	Core	380	18.6	28.7	<0.002	0.079	1.23	<0.1	1.8	0.9	18.3	0.11	0.09	8.2	0.033
30502	Core	221	17.3	52.5	<0.002	0.082	1.47	1.7	<1.0	1.6	19.0	0.14	<0.05	10.2	0.044
30503	Core	264	16.0	56.3	<0.002	0.308	1.92	1.7	1.0	2.8	25.6	0.12	<0.05	8.6	0.041
30504	Reject	1204	41.6	68.2	<0.002	0.502	2.15	2.8	<1.0	2.0	34.8	0.15	<0.05	11.0	0.053
30505	Pulp	4489	5.8	107.1	0.024	1.311	18.43	3.2	7.5	1.7	151.0	0.47	0.59	6.3	0.256
30506	Reject	733	48.1	58.5	<0.002	0.522	2.31	1.6	<1.0	2.1	26.3	0.16	0.06	9.0	0.043
30507	Core	400	20.0	65.3	<0.002	0.372	2.28	2.7	<1.0	1.6	20.1	0.19	0.12	9.6	0.047
30508	Core	152	25.1	35.6	<0.002	0.096	1.41	<0.1	<1.0	1.2	13.5	0.12	<0.05	7.9	0.039
30509	Core	135	11.2	33.0	<0.002	0.024	0.97	<0.1	<1.0	0.9	36.8	0.11	<0.05	9.7	0.031
30510	Core	168	14.6	35.0	<0.002	0.160	1.26	<0.1	<1.0	1.2	28.6	0.14	<0.05	9.6	0.028
30511	Core	153	66.7	30.6	<0.002	0.130	1.21	<0.1	<1.0	0.9	15.6	0.13	<0.05	8.9	0.033
30512	Core	88	29.5	29.7	<0.002	0.180	1.41	<0.1	<1.0	1.1	14.9	0.14	<0.05	6.0	0.037
30513	Core	216	21.5	80.4	<0.002	0.186	1.63	5.9	<1.0	1.6	31.9	0.38	<0.05	11.8	0.068
30514	Core	232	19.5	67.8	<0.002	0.270	1.59	4.9	<1.0	1.4	22.4	0.36	<0.05	12.1	0.063
30515	Core	300	15.6	86.7	<0.002	0.099	1.79	6.8	<1.0	1.6	28.0	0.60	0.11	12.2	0.066
30516	Core	193	25.0	45.0	<0.002	0.114	1.29	1.5	<1.0	1.1	17.5	0.32	<0.05	10.4	0.044
30517	Core	318	18.0	133.6	<0.002	0.148	3.32	12.9	<1.0	2.0	43.2	0.27	0.05	14.3	0.100
30518	Core	207	9.8	21.7	<0.002	0.158	1.05	<0.1	<1.0	0.6	14.5	0.05	<0.05	5.4	0.020
30519	Core	264	22.3	30.3	<0.002	0.198	1.01	<0.1	<1.0	0.7	11.9	0.08	<0.05	6.5	0.022
30520	Core	105	15.7	26.0	<0.002	0.098	1.31	<0.1	<1.0	0.8	14.8	0.09	<0.05	6.0	0.031
30521	Core	192	37.1	71.8	<0.002	0.496	3.67	2.3	1.3	1.6	24.9	0.16	<0.05	8.5	0.052
30522	Core	159	37.7	68.5	<0.002	0.442	3.72	3.0	1.1	1.2	24.3	0.13	<0.05	9.4	0.041

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30523	Core	143	27.6	43.0	<0.002	0.249	2.14	0.1	<1.0	0.7	16.3	0.12	<0.05	7.5	0.033
30524	Core	144	16.9	24.1	<0.002	0.103	0.92	<0.1	<1.0	0.6	14.7	0.07	<0.05	6.2	0.027
30525	Core	176	61.9	25.0	<0.002	0.073	0.93	<0.1	<1.0	0.6	13.7	0.07	<0.05	6.7	0.020
30526	Core	320	37.3	45.0	<0.002	0.428	1.01	0.2	<1.0	1.5	26.9	0.11	<0.05	7.5	0.052
30527	Core	271	24.1	33.2	<0.002	0.459	1.33	<0.1	<1.0	2.1	15.0	0.09	<0.05	6.7	0.038
30528	Core	304	22.6	98.7	<0.002	0.286	2.80	8.2	<1.0	1.4	43.0	0.21	0.08	12.3	0.066
30529	Core	862	13.0	51.6	<0.002	0.035	1.09	2.4	<1.0	0.9	43.0	0.10	<0.05	9.4	0.043
30530	Core	158	115.8	44.7	<0.002	0.677	1.67	<0.1	<1.0	10.1	28.4	0.08	<0.05	7.2	0.033

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30483	Core	0.19	1.0	21	0.6	2.9	26	40.9
30484	Core	0.24	1.2	28	0.7	3.9	16	54.6
30485	Core	0.30	1.3	28	1.1	3.5	21	50.6
30486	Core	0.30	1.6	33	1.6	4.4	37	58.1
30487	Core	0.23	1.7	31	1.0	4.4	41	63.3
30488	Core	0.19	1.5	25	0.8	3.8	66	53.3
30489	Core	0.19	1.7	30	0.6	3.9	67	56.3
30490	Core	0.26	1.8	37	0.8	4.2	83	56.1
30491	Core	0.34	2.8	53	0.6	6.6	95	87.1
30492	Core	0.15	1.5	31	0.6	4.6	85	63.9
30493	Core	0.22	1.8	31	1.6	4.4	50	69.2
30494	Core	0.16	1.7	23	0.6	3.6	50	55.5
30495	Core	0.14	1.5	31	0.6	3.6	62	56.2
30496	Core	0.14	1.4	35	0.3	3.0	61	45.7
30497	Core	0.50	2.7	88	1.0	6.9	91	105.6
30498	Core	0.20	2.0	36	0.8	5.1	42	67.1
30499	Core	0.21	1.6	26	1.1	3.6	45	50.2
30500	Core	0.18	1.2	22	0.6	3.1	19	46.8
30501	Core	0.16	1.8	23	0.9	4.2	36	59.4
30502	Core	0.33	2.1	44	1.5	4.2	99	57.2
30503	Core	0.34	1.9	44	1.3	4.0	95	49.4
30504	Reject	0.43	2.9	54	1.3	6.7	145	64.0
30505	Pulp	13.61	8.6	446	31.7	26.9	267	77.0
30506	Reject	0.31	2.3	46	1.1	5.4	150	56.5
30507	Core	0.37	2.2	48	1.4	4.5	170	50.8
30508	Core	0.20	1.5	31	0.9	4.3	64	63.8
30509	Core	0.20	1.5	33	0.8	4.0	26	55.1
30510	Core	0.20	1.7	29	1.3	5.4	95	48.3
30511	Core	0.18	1.5	28	1.4	3.6	59	47.9
30512	Core	0.19	1.2	25	1.1	3.3	32	44.1
30513	Core	0.47	2.7	72	1.5	6.8	113	89.0
30514	Core	0.43	2.7	61	1.7	6.8	190	66.4
30515	Core	0.49	3.1	71	1.0	6.9	217	75.2
30516	Core	0.27	2.5	41	1.2	5.0	129	57.6
30517	Core	0.75	3.7	107	1.7	8.0	153	100.7
30518	Core	0.11	0.9	22	1.4	3.8	99	30.0
30519	Core	0.16	1.1	27	0.9	3.8	71	35.2
30520	Core	0.15	1.1	22	1.8	3.5	108	36.9
30521	Core	0.39	1.8	48	1.7	4.9	146	52.2
30522	Core	0.36	2.0	48	1.6	6.3	210	63.0

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Certificate of Analysis

11-360-07877-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30523	Core	0.23	1.5	35	1.0	4.3	122	39.4
30524	Core	0.10	1.0	25	1.4	4.2	81	37.1
30525	Core	0.12	1.1	23	0.9	3.2	87	28.5
30526	Core	0.17	1.6	51	0.7	4.6	114	48.9
30527	Core	0.14	1.2	36	1.0	3.9	119	41.3
30528	Core	0.47	2.8	84	1.3	6.1	93	77.5
30529	Core	0.19	2.0	54	0.9	6.5	81	60.1
30530	Core	0.18	1.1	29	1.0	3.6	153	38.1

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11-360-07877-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30483	Core		0.22	2.23	470.8	105	0.48	0.02	0.01	0.66	18.50	1.2	207	1.90	9.5
30483 Dup			0.19	2.22	491.1	104	0.46	0.02	0.01	0.63	24.31	1.4	224	1.78	9.7
QCV1110-02076-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			51.14	7.96					0.85						4435.6
30501	Core		0.08	2.65	84.8	111	0.60	0.10	0.03	0.16	35.26	2.9	242	1.50	11.5
30501 Dup			0.11	2.68	81.8	102	0.51	0.15	0.03	0.18	29.33	2.7	271	1.40	11.1
QCV1110-02076-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.87	8.09	5.8	450	3.23	2.41	0.55	0.41	97.69	16.6		7.27	2293.2
30519	Core		0.21	2.65	96.7	104	0.59	0.05	0.06	0.41	30.89	5.6	161	1.37	16.2
30519 Dup			0.14	2.70	95.5	99	0.83	0.05	0.06	0.39	26.87	5.4	205	1.29	15.4
QCV1110-02076-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-02076-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	8.14	5.5	438	3.08	2.46	0.55	0.39	97.08	16.5		7.06	2314.2
30483	Core	0.035													
30483 Dup		0.037													
30501	Core	0.014													
30501 Dup		0.015													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.952													
QCV1110-02077-0004-BLK		0.008													
30519	Core	0.021													
30519 Dup		0.019													
QCV1110-02077-0006-BLK		0.007													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.913													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30483	Core	0.76	4.27	1.20	1.0	0.02	0.67	8.1	11.8	0.04	23	0.44	0.04	0.9	3.6
30483 Dup		0.75	4.27	1.09	1.0	0.02	0.67	10.3	11.6	0.04	23	0.45	0.04	0.8	3.3
QCV1110-02076-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		5.08					4.98			0.97			1.43		
30501	Core	0.93	5.13	0.98	1.4	0.01	0.62	15.4	6.4	0.08	50	0.53	0.33	1.7	6.6
30501 Dup		0.94	4.98	1.01	1.5	0.01	0.63	13.1	6.2	0.08	50	0.49	0.34	1.9	5.9
QCV1110-02076-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.49	17.39		2.8	0.33	2.89	44.8	26.6	1.63		0.63	0.52	15.4	36.0
30519	Core	1.76	4.99	1.04	0.9	0.01	0.61	14.6	9.8	0.14	332	0.43	0.03	1.0	14.5
30519 Dup		1.80	4.77	1.07	0.9	0.01	0.62	12.4	10.1	0.15	338	0.44	0.03	1.0	14.2
QCV1110-02076-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-02076-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.48	18.19		2.9	0.32	2.95	42.8	25.5	1.64		0.66	0.53	14.2	37.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30483	Core	74	36.1	31.8	<0.002	<0.01	1.99	<0.1	<1.0	2.3	17.0	0.05	<0.05	5.6	0.021
30483 Dup		73	36.4	31.0	<0.002	<0.01	1.86	<0.1	<1.0	2.2	16.5	0.06	<0.05	5.9	0.024
QCV1110-02076-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2278.6			2.627									0.264
30501	Core	380	18.6	28.7	<0.002	0.079	1.23	<0.1	1.8	0.9	18.3	0.11	0.09	8.2	0.033
30501 Dup		378	17.8	27.9	<0.002	0.077	1.10	<0.1	1.7	0.9	17.0	0.17	<0.05	9.0	0.032
QCV1110-02076-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		718	10.0	201.9	<0.002	0.252	1.20	12.8	3.6	9.7	34.2		<0.05	18.7	0.399
30519	Core	264	22.3	30.3	<0.002	0.198	1.01	<0.1	<1.0	0.7	11.9	0.08	<0.05	6.5	0.022
30519 Dup		281	21.5	29.3	<0.002	0.208	0.99	<0.1	<1.0	0.7	11.6	0.08	<0.05	6.1	0.028
QCV1110-02076-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-02076-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		722	10.2	201.7	<0.002	0.287	1.14	12.8	3.4	9.7	34.1		<0.05	17.1	0.400

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30483	Core	0.19	1.0	21	0.6	2.9	26	40.9
30483 Dup		0.19	1.0	22	0.6	3.0	26	41.4
QCV1110-02076-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2712	
30501	Core	0.16	1.8	23	0.9	4.2	36	59.4
30501 Dup		0.19	2.1	25	0.9	3.8	37	54.6
QCV1110-02076-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.88	3.7		2.3	25.8	87	129.6
30519	Core	0.16	1.1	27	0.9	3.8	71	35.2
30519 Dup		0.17	1.1	28	1.0	3.9	72	37.6
QCV1110-02076-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-02076-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.79	3.2		2.3	26.5	93	113.7

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 40**
Client Reference: **Core 40**
Description: **3 ACE**

Date Received: 10/18/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	38	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30588	Core	0.041	0.17	>10	35.9	991	3.73	0.46	0.04	0.10	14.23	15.6	134	7.11	60.0
30589	Core	0.092	0.39	>10	69.8	902	3.42	0.56	0.05	0.08	43.69	15.9	110	10.03	55.2
30590	Core	0.024	0.11	2.16	51.4	123	0.61	0.17	0.32	0.07	18.97	5.9	184	1.73	12.2
30591	Core	0.007	0.07	2.39	8.8	99	0.43	0.14	0.53	0.03	34.92	6.0	163	1.01	7.1
30592	Core	0.005	0.07	2.67	10.3	117	0.52	0.08	0.43	<0.02	43.12	3.8	213	1.26	7.9
30593	Core	0.005	0.05	3.60	8.8	194	0.57	0.07	0.24	<0.02	49.34	4.0	194	1.88	7.5
30594	Core	0.012	0.06	3.41	10.8	180	0.82	0.08	0.34	<0.02	35.89	4.2	179	1.79	6.4
30595	Core	0.005	0.06	2.35	11.6	99	0.43	0.10	0.19	0.05	49.22	3.6	185	1.33	7.2
30596	Core	0.018	0.06	2.70	14.0	124	0.65	0.08	0.34	<0.02	35.93	3.8	204	1.60	7.7
30597	Core	0.008	0.08	4.88	12.9	324	1.24	0.15	0.27	<0.02	69.70	5.2	209	3.12	10.3
30598	Core	0.006	0.06	3.11	8.4	156	0.62	0.08	0.14	<0.02	46.59	3.7	154	1.78	8.0
30599	Core	0.006	0.07	3.68	19.7	214	0.84	0.08	0.19	0.08	55.07	3.9	184	2.20	7.7
30600	Core	0.008	0.06	2.23	40.6	116	0.54	0.08	0.45	0.13	39.98	3.8	199	1.52	7.4
30601	Core	0.006	0.14	1.74	25.6	86	0.40	0.05	0.11	0.12	26.93	4.2	193	1.14	6.3
30602	Core	0.024	0.08	2.33	25.4	119	0.65	0.08	0.33	0.06	43.01	4.9	198	1.46	10.7
30603	Core	0.013	0.10	1.98	30.8	93	0.45	0.14	0.15	0.08	22.34	4.9	188	1.18	8.7
30604	Core	0.014	0.11	1.95	54.6	102	0.44	0.18	0.12	0.22	31.16	5.5	239	1.29	12.1
30605	Core	0.019	0.17	2.37	30.9	107	0.57	0.10	0.07	0.10	29.11	7.2	178	1.44	8.1
30606	Core	0.012	0.16	1.89	49.2	88	0.41	0.21	0.03	0.12	25.43	3.4	177	1.13	9.4
30607	Core	0.017	0.11	6.09	65.0	425	1.79	0.23	0.06	0.07	45.90	4.9	201	3.80	17.3
30608	Core	0.015	0.09	2.57	35.0	139	0.75	0.09	0.05	0.10	42.90	4.7	203	1.67	14.5
30609	Core	0.011	0.11	1.93	96.9	92	0.53	0.06	0.02	0.11	37.85	3.5	197	1.45	14.2
30610	Core	0.010	0.19	4.35	78.4	257	1.21	0.22	0.03	0.40	87.21	4.5	135	2.68	13.4
30611	Core	0.007	0.15	2.80	180.0	163	0.85	0.06	0.01	0.20	46.59	2.9	207	1.67	21.4
30612	Pulp	8.325	0.41	3.23	834.0	153	0.80	0.60	>10	3.81	30.69	5.6	99	6.27	34.1
30613	Reject	0.014	0.25	2.21	155.5	117	0.56	0.27	0.02	0.16	31.92	3.1	203	1.32	24.5
30614	Core	0.009	0.09	1.88	127.0	88	0.37	0.16	0.02	0.16	20.39	1.3	225	1.35	10.6
30615	Core	0.030	0.11	1.52	744.5	75	0.36	0.07	0.01	0.17	16.24	0.8	229	1.38	6.5
30616	Core	0.019	0.15	2.18	290.2	107	0.56	0.13	0.01	0.21	17.43	1.4	222	1.47	7.8
30617	Core	0.027	0.13	2.38	296.0	138	0.58	0.07	0.04	0.36	46.99	0.9	191	1.80	8.9
30618	Core	0.029	0.12	2.11	147.9	124	0.69	0.08	0.02	0.17	23.12	1.2	200	2.09	8.8
30619	Core	0.039	0.14	2.60	442.8	190	0.87	0.13	0.02	0.80	16.32	1.6	224	1.95	13.7
30620	Core	0.010	0.18	>10	58.8	742	3.25	0.43	0.14	0.68	88.92	18.9	163	5.33	63.5
30621	Core	0.013	0.19	>10	47.6	778	3.53	0.43	0.11	0.14	117.39	16.6	158	5.93	52.1
30622	Core	0.014	0.31	>10	42.2	747	4.29	0.44	0.10	0.10	54.17	20.0	128	5.83	46.1
30623	Core	0.016	0.13	>10	116.1	895	4.52	0.32	0.10	0.26	32.23	20.7	161	6.69	42.2
30624	Core	0.014	0.17	>10	299.7	856	5.14	0.43	0.06	0.39	125.12	16.5	145	6.87	45.1
30625	Core	0.016	0.23	>10	207.1	746	4.70	0.40	0.07	0.45	60.59	21.6	186	5.61	61.2
30626	Core	0.015	0.16	>10	170.7	893	5.40	0.19	0.07	0.07	127.27	18.8	176	6.32	75.1
30627	Core	0.043	0.15	>10	339.9	776	4.85	0.19	0.03	0.11	78.45	16.6	198	6.87	98.1

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11-360-07878-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30588	Core	4.58	27.34	1.29	2.8	0.08	4.33	10.8	53.5	0.86	301	0.51	0.21	2.2	37.0
30589	Core	5.14	25.82	1.34	2.8	0.07	4.04	14.2	53.0	0.58	249	1.14	0.22	2.2	33.7
30590	Core	1.80	4.50	0.75	1.1	0.02	0.48	6.9	16.3	0.16	670	0.54	0.37	0.5	9.2
30591	Core	1.31	4.93	0.60	1.3	0.01	0.42	6.8	10.7	0.31	568	0.41	0.85	0.6	10.3
30592	Core	1.35	6.01	0.77	1.6	0.01	0.54	11.6	14.3	0.31	410	1.37	0.73	0.7	12.9
30593	Core	1.59	8.39	0.84	2.0	0.02	0.90	12.9	21.0	0.35	251	0.40	0.61	0.8	13.3
30594	Core	1.47	8.42	0.81	1.9	0.02	0.82	13.2	19.3	0.35	250	0.47	0.70	0.7	14.1
30595	Core	1.18	5.14	0.75	1.5	0.01	0.45	12.3	12.2	0.17	291	0.51	0.45	0.6	9.9
30596	Core	1.29	5.83	0.88	1.7	0.01	0.60	12.9	13.0	0.21	305	0.51	0.57	0.6	9.9
30597	Core	1.59	12.31	1.05	3.0	0.03	1.59	19.2	16.5	0.26	350	0.55	0.16	1.2	13.1
30598	Core	1.27	7.10	0.91	2.1	0.02	0.74	14.3	14.2	0.22	271	0.47	0.32	0.9	9.8
30599	Core	1.21	8.71	0.79	2.2	0.02	1.03	18.0	13.6	0.20	372	0.46	0.46	1.0	10.3
30600	Core	1.02	5.03	0.80	1.1	0.01	0.55	12.0	11.1	0.09	647	0.49	0.40	0.4	8.7
30601	Core	0.98	4.26	0.87	4.1	0.01	0.38	8.0	15.9	0.10	397	0.45	0.35	1.0	10.3
30602	Core	1.05	5.65	0.90	2.0	0.02	0.60	13.9	9.2	0.14	481	0.57	0.50	0.9	11.6
30603	Core	0.85	4.29	0.74	1.0	0.01	0.43	8.8	8.5	0.06	313	0.51	0.55	0.7	12.1
30604	Core	1.02	4.49	0.83	1.3	0.02	0.49	8.6	8.5	0.04	398	0.53	0.39	0.8	10.9
30605	Core	1.10	5.19	0.93	1.3	0.01	0.56	12.4	9.3	0.05	622	0.81	0.66	0.6	13.6
30606	Core	1.00	3.98	0.79	1.1	0.01	0.42	10.1	16.1	0.06	165	1.07	0.42	0.7	14.4
30607	Core	2.00	15.69	1.07	2.7	0.03	2.05	17.6	25.0	0.18	130	0.55	0.31	1.3	13.2
30608	Core	1.29	6.11	0.94	1.5	0.02	0.70	11.6	35.4	0.08	148	0.54	0.09	0.6	12.8
30609	Core	1.11	4.42	0.94	1.4	0.01	0.47	10.8	38.1	0.04	128	0.45	0.04	0.7	10.1
30610	Core	1.35	10.99	0.88	4.0	0.02	1.35	26.4	40.6	0.10	242	0.51	0.10	1.6	13.2
30611	Core	0.79	6.97	0.92	1.6	0.03	0.84	13.2	22.3	0.05	57	0.62	0.05	0.9	8.5
30612	Pulp	1.31	6.21	0.32	2.0	0.06	1.33	17.1	8.9	0.75	280	10.02	<0.01	6.6	56.3
30613	Reject	0.75	5.53	1.00	1.3	0.02	0.60	12.3	16.6	0.04	52	0.67	0.04	1.0	8.9
30614	Core	0.50	4.25	0.84	1.2	0.01	0.44	8.5	17.3	0.03	29	0.50	0.03	0.7	6.6
30615	Core	0.46	3.59	1.01	1.0	0.02	0.46	7.4	8.9	0.03	26	0.64	0.03	0.6	4.5
30616	Core	0.47	5.31	1.02	1.6	0.03	0.60	10.8	6.8	0.04	24	0.51	0.03	0.8	6.6
30617	Core	0.60	5.94	1.00	1.8	0.02	0.70	12.6	8.0	0.05	27	0.55	0.04	1.0	5.1
30618	Core	0.47	5.69	0.95	1.6	0.02	0.74	11.4	10.6	0.05	44	0.47	0.04	1.2	3.6
30619	Core	0.96	6.89	1.10	1.1	0.04	0.96	10.1	11.4	0.05	56	0.63	0.05	1.0	7.4
30620	Core	4.51	27.56	1.29	3.5	0.07	4.01	36.2	37.6	0.48	557	0.59	0.17	2.9	46.9
30621	Core	5.12	27.86	1.36	3.5	0.07	4.28	36.8	43.6	0.69	656	0.48	0.19	2.4	43.8
30622	Core	5.37	28.75	1.47	3.4	0.07	4.32	18.1	50.0	0.81	595	0.57	0.19	1.9	51.1
30623	Core	6.03	33.02	1.50	3.0	0.08	5.12	12.9	54.7	0.95	506	0.63	0.22	1.9	55.8
30624	Core	5.20	32.78	1.49	3.4	0.08	3.93	37.9	51.5	0.79	329	0.47	0.20	2.1	44.3
30625	Core	5.11	26.43	1.40	2.9	0.07	4.13	18.1	45.5	0.63	385	0.52	0.16	2.4	54.2
30626	Core	5.55	34.39	1.39	3.4	0.08	4.66	40.1	42.6	0.63	331	0.43	0.18	2.4	44.0
30627	Core	5.38	29.72	1.53	3.1	0.09	4.47	22.3	27.4	0.32	285	0.57	0.19	2.0	38.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30588	Core	130	22.1	226.1	<0.002	0.856	6.70	16.8	4.4	2.8	51.2	0.27	0.80	11.8	0.130
30589	Core	154	28.3	212.4	0.002	0.712	9.04	16.3	4.9	2.7	52.1	0.23	0.69	13.2	0.131
30590	Core	169	14.8	28.1	<0.002	0.115	1.52	2.4	5.0	0.8	35.4	0.05	0.64	4.9	0.019
30591	Core	153	10.1	24.0	<0.002	0.238	0.88	2.3	6.0	0.7	40.9	<0.05	0.72	5.5	0.021
30592	Core	72	6.5	29.8	0.002	0.027	0.56	2.8	5.3	0.8	39.2	0.07	0.63	7.2	0.028
30593	Core	11	4.8	51.9	0.003	0.018	0.57	3.7	6.2	1.0	34.5	0.08	0.58	9.3	0.038
30594	Core	<10	7.6	46.7	<0.002	0.026	0.67	3.6	7.0	0.9	39.8	0.07	0.62	9.4	0.031
30595	Core	94	8.1	25.7	0.003	0.023	0.63	2.3	7.9	0.7	24.0	0.07	0.56	8.1	0.021
30596	Core	27	6.3	32.6	<0.002	0.024	0.77	2.7	6.4	0.8	38.8	0.06	0.57	7.9	0.027
30597	Core	33	6.8	86.2	<0.002	0.046	1.29	5.5	5.6	1.4	34.9	0.13	0.55	13.1	0.063
30598	Core	<10	4.7	41.2	<0.002	0.024	0.74	3.3	6.3	1.0	22.6	0.08	0.54	8.9	0.040
30599	Core	<10	5.6	56.3	<0.002	0.011	0.76	4.0	5.1	1.1	31.1	0.10	0.59	11.1	0.044
30600	Core	836	13.0	31.6	<0.002	<0.01	0.98	2.3	3.9	0.7	37.0	<0.05	0.60	6.1	0.017
30601	Core	<10	5.2	23.9	0.006	<0.01	0.56	2.0	6.3	0.7	18.2	0.14	0.71	5.8	0.014
30602	Core	<10	9.9	34.8	0.003	<0.01	0.87	2.8	6.1	0.8	26.2	0.12	0.63	9.0	0.022
30603	Core	22	21.7	24.9	0.004	0.060	0.77	1.8	5.3	0.9	22.5	0.10	0.67	5.0	0.017
30604	Core	494	54.4	29.2	0.003	0.024	1.13	2.0	5.3	0.8	25.4	0.09	0.64	4.9	0.020
30605	Core	71	7.4	33.1	0.002	0.023	1.13	1.9	4.7	0.8	27.6	0.08	0.64	6.2	0.023
30606	Core	52	58.8	23.7	0.002	0.015	0.73	1.9	6.7	0.7	21.3	0.07	0.62	5.3	0.021
30607	Core	291	10.7	110.3	0.003	0.022	1.73	7.4	6.9	1.6	42.5	0.16	0.59	12.1	0.065
30608	Core	90	9.2	40.0	<0.002	0.010	0.88	2.7	10.1	0.8	14.9	0.07	0.55	7.3	0.025
30609	Core	<10	10.6	27.7	<0.002	0.014	0.97	2.0	8.2	0.8	11.9	0.07	0.58	6.8	0.025
30610	Core	41	84.8	72.0	0.003	<0.01	1.02	5.1	5.3	1.2	22.1	0.16	0.60	18.5	0.070
30611	Core	<10	35.0	46.3	<0.002	<0.01	1.29	3.1	8.5	1.1	15.1	0.09	0.60	8.7	0.034
30612	Pulp	4717	7.2	107.5	0.032	1.140	18.53	5.7	11.0	1.7	129.0	0.40	1.03	5.7	0.248
30613	Reject	<10	44.8	32.6	0.003	<0.01	1.14	2.5	7.8	1.0	12.7	0.07	0.59	7.9	0.036
30614	Core	<10	8.5	25.2	<0.002	0.020	1.01	1.8	7.6	0.7	19.3	0.08	0.57	6.4	0.022
30615	Core	<10	17.5	26.5	<0.002	0.031	2.67	1.4	9.6	1.8	18.6	0.06	0.58	4.1	0.017
30616	Core	<10	45.5	33.7	0.004	0.028	1.76	2.1	8.7	1.0	18.8	0.10	0.61	5.4	0.028
30617	Core	<10	16.3	38.5	<0.002	0.022	1.57	2.4	9.6	1.2	20.4	0.10	0.61	6.1	0.035
30618	Core	<10	12.0	43.5	0.003	0.014	1.67	2.3	7.4	1.8	18.2	0.11	0.57	4.9	0.037
30619	Core	60	25.9	51.2	<0.002	0.024	1.73	4.2	6.8	2.1	23.9	0.08	0.64	12.7	0.040
30620	Core	817	25.2	195.0	0.002	0.054	2.44	16.2	4.5	2.7	102.0	0.31	0.59	17.6	0.146
30621	Core	497	31.2	203.4	0.003	0.062	2.09	17.1	3.9	2.8	53.0	0.27	0.64	17.6	0.139
30622	Core	414	19.3	207.2	<0.002	0.036	1.99	17.4	4.3	3.0	47.7	0.24	0.58	15.8	0.115
30623	Core	572	15.8	238.2	<0.002	0.092	2.45	19.5	4.3	3.2	56.8	0.26	0.58	16.0	0.128
30624	Core	690	20.1	183.1	0.003	0.046	2.55	18.9	4.1	3.2	52.7	0.27	0.61	17.3	0.138
30625	Core	561	25.5	191.0	0.003	0.219	2.31	15.8	4.2	2.8	43.5	0.25	0.52	14.4	0.134
30626	Core	778	11.9	215.3	<0.002	0.052	2.31	19.2	4.3	3.1	52.2	0.26	0.57	18.9	0.151
30627	Core	554	9.5	205.1	0.003	0.070	2.43	16.2	3.5	2.9	50.6	0.22	0.51	15.3	0.124

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30588	Core	1.13	3.7	150	1.4	4.9	129	76.0
30589	Core	1.05	3.5	138	2.1	5.1	137	78.5
30590	Core	0.16	1.1	23	0.7	3.3	46	30.5
30591	Core	0.13	0.9	27	0.4	3.1	27	37.7
30592	Core	0.15	1.1	33	0.9	3.8	28	44.6
30593	Core	0.26	1.3	44	0.6	3.7	24	53.9
30594	Core	0.22	1.4	42	0.7	4.0	24	56.1
30595	Core	0.14	1.1	25	0.5	3.4	29	42.0
30596	Core	0.17	1.0	29	0.8	3.3	22	43.9
30597	Core	0.44	2.2	58	1.3	6.2	31	81.7
30598	Core	0.22	1.4	35	1.0	4.3	34	57.7
30599	Core	0.30	1.6	39	1.2	4.4	31	64.0
30600	Core	0.15	1.2	21	1.1	4.0	36	33.6
30601	Core	0.12	0.8	18	0.9	2.3	33	26.0
30602	Core	0.18	1.1	25	1.1	4.0	28	46.9
30603	Core	0.14	0.9	16	2.0	2.5	30	26.6
30604	Core	0.16	1.4	17	1.9	4.1	59	37.3
30605	Core	0.19	1.3	19	1.2	3.4	51	34.5
30606	Core	0.14	1.2	16	1.1	2.1	36	27.8
30607	Core	0.58	3.1	68	2.5	5.1	53	81.3
30608	Core	0.21	1.5	25	1.3	2.9	44	40.0
30609	Core	0.15	1.2	19	1.2	2.6	45	38.9
30610	Core	0.42	2.7	47	1.6	7.5	52	113.0
30611	Core	0.24	1.5	28	1.0	3.1	41	43.9
30612	Pulp	11.64	7.7	420	33.9	24.5	272	66.8
30613	Reject	0.30	1.4	22	1.2	2.8	37	38.1
30614	Core	0.19	1.3	16	0.9	2.3	14	32.8
30615	Core	0.19	0.8	14	0.9	1.9	5	27.4
30616	Core	0.20	1.0	21	1.2	2.6	5	43.3
30617	Core	0.23	1.3	22	1.2	3.2	13	48.5
30618	Core	0.27	1.0	22	1.4	2.9	8	45.1
30619	Core	0.31	1.5	28	1.2	2.9	22	30.5
30620	Core	1.03	4.6	132	1.8	8.6	165	104.9
30621	Core	1.06	4.6	140	1.5	7.9	148	97.1
30622	Core	1.05	4.5	139	1.4	7.4	151	98.2
30623	Core	1.27	4.7	173	1.8	7.4	188	90.9
30624	Core	1.17	4.7	155	1.6	7.7	198	97.2
30625	Core	1.04	4.3	125	2.1	7.8	176	82.6
30626	Core	1.19	4.8	152	2.3	7.4	159	94.1
30627	Core	1.07	3.9	125	2.0	5.6	222	86.8

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30588	Core		0.17	>10	35.9	991	3.73	0.46	0.04	0.10	14.23	15.6	134	7.11	60.0
30588 Dup			0.14	>10	37.0	1008	3.52	0.50	0.05	0.12	42.00	15.5	109	7.02	60.7
QCV1110-02062-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			53.22	7.20					0.80						4091.3
30606	Core		0.16	1.89	49.2	88	0.41	0.21	0.03	0.12	25.43	3.4	177	1.13	9.4
30606 Dup			0.23	1.92	50.1	89	0.62	0.21	0.03	0.12	23.11	3.3	148	1.16	9.1
QCV1110-02062-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			52.12	7.60					0.71						4344.8
30624	Core		0.17	>10	299.7	856	5.14	0.43	0.06	0.39	125.12	16.5	145	6.87	45.1
30624 Dup			0.16	>10	300.5	853	5.35	0.42	0.06	0.37	121.24	16.3	143	6.94	44.4
QCV1110-02062-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.91	7.7	425	3.18	2.44	0.52	0.07		15.4		6.63	2301.3
30588	Core	0.041													
30588 Dup		0.048													
30606	Core	0.012													
30606 Dup		0.008													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.423													
QCV1110-02063-0004-BLK		0.006													
30624	Core	0.014													
30624 Dup		0.016													
QCV1110-02063-0006-BLK		0.007													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.997													

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11-360-07878-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30588	Core	4.58	27.34	1.29	2.8	0.08	4.33	10.8	53.5	0.86	301	0.51	0.21	2.2	37.0
30588 Dup		4.78	27.53	1.30	2.9	0.08	4.15	10.8	55.1	0.86	318	0.47	0.20	2.1	35.6
QCV1110-02062-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		4.83					4.26			0.87			1.17		
30606	Core	1.00	3.98	0.79	1.1	0.01	0.42	10.1	16.1	0.06	165	1.07	0.42	0.7	14.4
30606 Dup		1.01	4.10	0.85	1.1	0.01	0.43	10.5	16.2	0.06	168	0.54	0.43	0.6	9.6
QCV1110-02062-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		4.67					4.61			0.92			1.34		
30624	Core	5.20	32.78	1.49	3.4	0.08	3.93	37.9	51.5	0.79	329	0.47	0.20	2.1	44.3
30624 Dup		5.26	32.65	1.65	3.4	0.08	4.94	54.1	50.7	0.80	336	0.42	0.20	2.4	43.1
QCV1110-02062-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.51	18.67		3.8	0.32	2.79	41.0	27.2	1.58		0.43	0.47	14.1	39.4

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30588	Core	130	22.1	226.1	<0.002	0.856	6.70	16.8	4.4	2.8	51.2	0.27	0.80	11.8	0.130
30588 Dup		126	42.6	228.0	<0.002	0.866	6.73	17.5	4.4	2.9	51.1	0.25	0.77	11.8	0.134
QCV1110-02062-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2259.4			2.464									0.266
30606	Core	52	58.8	23.7	0.002	0.015	0.73	1.9	6.7	0.7	21.3	0.07	0.62	5.3	0.021
30606 Dup		51	60.3	24.1	<0.002	0.015	0.73	1.7	7.3	0.7	21.6	0.06	0.61	5.4	0.020
QCV1110-02062-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2129.8			2.502									0.251
30624	Core	690	20.1	183.1	0.003	0.046	2.55	18.9	4.1	3.2	52.7	0.27	0.61	17.3	0.138
30624 Dup		711	20.2	194.6	0.005	0.044	2.49	18.8	4.4	3.2	52.8	0.27	0.60	18.8	0.157
QCV1110-02062-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		702	13.8	204.2	0.002	0.288	1.21	12.7		10.6	32.8	1.06	0.57	17.2	0.410

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30588	Core	1.13	3.7	150	1.4	4.9	129	76.0
30588 Dup		1.16	3.6	155	1.9	5.0	137	77.2
QCV1110-02062-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2728	
30606	Core	0.14	1.2	16	1.1	2.1	36	27.8
30606 Dup		0.13	1.2	17	1.1	2.2	32	28.6
QCV1110-02062-0005-BLK		<0.02	<0.1	<1	0.2	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2697	
30624	Core	1.17	4.7	155	1.6	7.7	198	97.2
30624 Dup		1.20	4.8	155	1.5	8.0	197	96.6
QCV1110-02062-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.88	3.2		2.4	26.1	90	118.7

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 41**
Client Reference: **Core 41**
Description: **3 ACE**

Date Received: 10/18/2011
Date Completed: 11/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	39	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30661	Core	<0.005	0.13	0.05	1.5	17	0.08	0.04	>10	0.04	1.03	0.9	7	0.20	3.4
30662	Core	0.012	0.15	2.36	524.3	120	0.69	0.13	0.10	1.35	15.47	1.0	186	1.20	8.1
30663	Core	0.007	0.11	2.61	142.4	118	0.62	0.09	0.40	0.36	21.93	1.6	198	1.11	8.8
30664	Core	0.010	0.14	2.43	218.1	102	0.65	0.08	0.03	0.24	24.32	1.2	197	1.12	7.6
30665	Core	0.007	0.12	2.71	286.3	120	0.71	0.08	0.01	0.40	21.77	1.2	182	1.33	8.1
30666	Core	0.005	0.20	2.63	210.1	116	0.69	0.11	0.02	0.33	24.48	2.4	224	1.20	11.1
30667	Core	0.007	0.15	2.41	320.5	105	0.70	0.09	0.01	0.37	17.99	1.3	197	1.28	8.6
30668	Core	0.035	0.11	2.49	504.8	100	0.62	0.08	0.01	0.40	18.42	2.1	189	1.50	10.0
30669	Core	0.016	0.15	7.27	92.8	421	2.36	0.34	0.32	1.82	21.31	9.8	190	3.42	26.4
30670	Core	0.011	0.11	9.66	19.1	613	3.54	0.45	0.16	1.31	58.03	13.4	190	4.72	36.8
30671	Core	0.009	0.12	5.89	14.8	343	1.79	0.30	0.93	0.22	55.05	14.6	209	2.81	24.8
30672	Core	0.011	0.12	8.85	21.7	543	3.04	0.39	0.14	0.06	25.14	13.0	200	4.04	42.8
30673	Core	0.006	0.10	7.79	23.5	502	2.62	0.24	0.15	0.04	49.84	11.9	196	3.69	32.4
30674	Core	0.008	0.12	>10	26.5	681	3.09	0.46	0.15	0.34	50.26	12.6	222	4.71	34.9
30675	Core	0.005	0.11	2.80	40.5	97	0.73	0.08	0.06	0.35	26.72	4.8	155	1.05	9.7
30676	Core	0.006	0.11	2.57	28.1	91	0.58	0.06	0.08	0.35	28.15	3.9	209	1.05	9.3
30677	Core	0.007	0.07	2.01	103.1	96	0.59	0.19	0.28	0.24	15.42	4.5	218	0.95	11.4
30678	Core	0.008	0.14	2.16	28.1	79	0.50	0.10	0.09	1.17	27.04	3.8	230	0.95	9.2
30679	Core	0.018	0.15	2.47	205.9	95	0.54	0.07	0.02	0.66	24.13	2.6	184	1.19	9.0
30680	Core	0.033	0.19	2.30	270.4	96	0.49	0.10	0.01	0.21	20.50	1.2	179	1.32	7.3
30681	Core	0.043	0.28	2.68	679.7	135	0.59	0.09	0.01	0.18	30.96	0.8	209	1.54	7.3
30682	Core	0.447	1.36	1.79	7991.3	77	0.34	0.09	0.01	0.47	40.31	1.0	206	1.24	13.7
30683	Core	0.019	0.19	2.74	374.2	106	0.52	0.07	0.01	0.17	37.10	1.9	204	1.42	9.6
30684	Pulp	8.124	0.42	3.28	759.7	153	0.90	0.56	>10	3.60	83.38	5.3	102	6.41	32.2
30685	Reject	0.024	0.20	2.67	310.0	96	0.43	0.10	0.01	0.14	26.11	1.5	204	1.37	9.8
30686	Core	0.052	0.25	2.58	359.6	119	0.57	0.05	0.01	0.49	25.74	1.0	129	1.66	8.0
30687	Core	0.038	0.25	2.65	170.2	130	0.64	0.08	0.01	0.57	30.98	1.4	143	1.60	8.1
30688	Core	0.040	0.22	3.79	239.9	202	0.93	0.14	0.04	1.95	27.46	4.9	179	2.18	14.5
30689	Core	0.011	0.24	3.61	35.4	184	0.85	0.09	0.01	0.13	22.37	1.7	171	2.24	12.2
30690	Core	0.011	0.11	2.72	72.1	119	0.69	0.06	0.03	1.40	17.05	2.7	183	1.39	9.2
30691	Core	0.026	0.14	2.93	249.5	148	0.59	0.06	0.01	6.24	30.40	1.1	173	1.87	11.5
30692	Core	0.041	0.14	2.39	422.0	108	0.42	0.05	0.01	7.14	25.46	1.6	132	1.52	10.4
30693	Core	0.047	0.15	2.28	334.6	96	0.50	0.05	0.01	3.01	21.86	1.9	149	1.38	9.3
30694	Core	0.027	0.09	2.33	232.4	94	0.47	0.07	0.02	1.60	24.14	2.4	169	1.22	7.1
30695	Core	0.009	0.15	2.33	68.0	100	0.44	0.05	0.03	0.95	25.34	2.5	147	1.13	8.5
30696	Core	0.025	0.18	1.27	240.5	67	0.35	0.04	0.01	2.21	9.64	2.5	232	0.97	5.8
30697	Core	0.055	0.10	2.38	557.5	113	0.51	0.06	0.02	4.47	17.78	2.9	176	1.41	7.6
30698	Core	0.023	0.09	2.49	134.7	103	0.48	0.06	0.04	1.27	24.65	3.5	192	1.19	7.2
30699	Core	0.065	0.13	2.56	583.3	116	0.51	0.05	0.03	0.90	26.02	3.6	201	1.63	6.3
30700	Core	0.022	0.17	2.58	294.8	113	0.57	0.06	0.03	2.60	27.28	3.1	190	1.44	8.2

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
30701	Core	0.026	0.13	2.64	161.9	109	0.55	0.08	0.04	1.95	21.97	3.6	187	1.21	10.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30661	Core	0.49	0.23	<0.05	<0.1	<0.01	0.02	0.6	1.1	>10	236	0.10	<0.01	0.3	3.1
30662	Core	0.71	4.81	0.89	1.3	0.02	0.64	6.5	8.0	0.04	24	0.45	0.04	0.7	3.0
30663	Core	1.02	5.12	0.98	1.7	0.01	0.61	8.7	8.3	0.03	29	0.49	0.03	0.8	4.5
30664	Core	0.79	4.78	0.95	1.6	0.01	0.55	10.8	10.6	0.04	23	0.45	0.03	0.9	4.4
30665	Core	1.03	5.25	0.96	1.5	0.02	0.63	9.5	22.4	0.03	26	0.44	0.05	0.7	3.9
30666	Core	1.27	5.53	0.98	4.9	0.02	0.56	10.2	16.8	0.03	34	0.48	0.04	1.8	5.8
30667	Core	1.18	4.94	1.10	1.8	0.02	0.53	7.8	11.5	0.03	27	0.54	0.04	1.0	4.6
30668	Core	1.14	5.41	1.08	1.7	0.02	0.56	8.0	12.8	0.03	28	0.41	0.03	0.8	4.2
30669	Core	2.08	15.27	1.09	2.5	0.04	2.27	9.9	21.5	0.15	201	0.58	0.11	1.3	21.2
30670	Core	2.82	21.01	1.08	3.2	0.06	3.25	29.8	29.6	0.36	366	0.59	0.15	2.3	29.3
30671	Core	3.92	12.27	0.92	2.1	0.04	1.68	27.0	32.4	0.68	1382	0.57	0.20	2.4	32.7
30672	Core	3.27	18.23	0.73	3.0	0.05	2.91	13.1	39.4	0.70	384	0.57	0.38	2.0	33.2
30673	Core	3.41	17.21	0.97	2.6	0.04	2.56	25.8	33.2	0.61	586	0.54	0.31	1.9	33.8
30674	Core	2.97	22.82	0.97	3.2	0.06	3.56	25.4	19.9	0.35	559	0.70	0.16	2.3	25.0
30675	Core	1.33	5.41	0.80	1.9	0.02	0.52	12.4	15.0	0.08	329	0.40	0.04	0.9	10.0
30676	Core	1.25	4.98	0.85	1.5	0.01	0.48	12.6	15.9	0.11	269	0.44	0.03	0.8	11.1
30677	Core	0.66	4.24	0.87	1.3	0.01	0.45	6.8	9.6	0.04	77	0.56	0.03	0.7	8.4
30678	Core	0.98	4.28	1.13	1.4	<0.01	0.40	12.3	12.2	0.07	210	0.50	0.02	0.8	10.2
30679	Core	0.91	4.80	0.86	1.4	0.02	0.52	11.3	9.2	0.04	74	0.43	0.03	0.9	7.6
30680	Core	0.55	4.55	0.96	1.6	0.02	0.58	9.4	17.8	0.04	23	0.43	0.04	0.9	4.2
30681	Core	0.66	6.27	0.89	2.3	0.08	0.57	14.4	14.6	0.03	19	0.41	0.04	1.2	3.4
30682	Core	1.39	3.80	1.22	1.3	0.11	0.53	7.5	15.8	0.06	23	0.46	0.03	0.7	4.2
30683	Core	0.67	5.27	0.97	1.3	0.05	0.59	9.2	10.7	0.03	20	0.44	0.04	0.8	4.1
30684	Pulp	1.35	5.53	0.27	2.2	0.05	1.26	18.1	8.7	0.76	283	10.10	<0.01	6.7	58.7
30685	Reject	0.49	4.94	1.12	1.4	0.03	0.54	11.7	11.9	0.03	18	0.57	0.04	0.9	4.2
30686	Core	0.65	5.83	0.96	1.7	0.06	0.73	11.8	20.5	0.04	19	0.45	0.04	1.1	4.0
30687	Core	0.63	5.56	0.93	2.0	0.03	0.72	13.9	8.6	0.04	20	0.42	0.04	1.2	5.2
30688	Core	1.40	8.18	0.96	1.9	0.04	1.06	13.2	16.1	0.09	159	0.38	0.06	1.3	13.1
30689	Core	1.28	8.03	0.94	2.7	0.02	0.99	10.7	13.6	0.05	16	0.41	0.06	1.0	6.0
30690	Core	0.99	5.65	0.90	1.5	0.02	0.67	7.7	9.0	0.06	233	0.37	0.04	1.0	10.6
30691	Core	0.76	6.60	1.10	1.9	0.04	0.89	13.7	9.2	0.05	19	0.49	0.05	1.2	4.7
30692	Core	0.77	5.00	1.08	1.6	0.04	0.75	11.6	6.5	0.05	23	0.39	0.04	1.0	5.2
30693	Core	0.69	4.60	<0.05	1.5	0.03	0.65	10.4	6.9	0.04	24	0.46	0.04	1.0	6.4
30694	Core	0.82	4.53	0.80	1.4	0.02	0.56	10.8	7.3	0.05	118	0.41	0.03	0.9	7.7
30695	Core	0.83	4.72	0.76	1.4	0.01	0.54	11.6	6.9	0.07	270	0.45	0.03	0.8	9.7
30696	Core	0.68	2.84	1.07	0.8	0.02	0.41	4.7	4.3	0.02	45	0.44	0.02	0.5	7.0
30697	Core	0.97	4.77	1.21	1.4	0.02	0.70	8.1	6.2	0.06	152	0.39	0.03	0.7	8.7
30698	Core	1.07	4.90	0.94	1.7	0.01	0.57	11.0	8.2	0.07	274	0.51	0.04	1.2	9.9
30699	Core	0.86	5.21	1.55	1.8	0.01	0.83	12.3	5.4	0.07	82	0.50	0.04	1.3	11.2
30700	Core	0.95	5.24	0.89	4.9	0.02	0.65	11.9	7.3	0.06	186	0.40	0.04	2.1	9.3

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11-360-07890-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample Description	Sample Type	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.01	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
30701	Core	1.09	5.29	0.93	2.1	0.02	0.61	10.3	8.1	0.06	216	0.48	0.04	1.8	8.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30661	Core	60	2.9	1.0	<0.002	<0.01	0.09	0.6	4.4	0.3	40.5	0.35	0.51	0.2	<0.005
30662	Core	664	90.9	32.8	<0.002	0.065	1.92	1.9	5.3	1.1	21.5	0.10	0.56	5.1	0.020
30663	Core	2320	36.1	30.0	<0.002	0.059	1.11	2.3	10.7	0.9	36.7	0.10	0.50	6.9	0.020
30664	Core	12	26.9	28.6	<0.002	0.035	1.16	1.9	12.8	0.9	12.5	0.12	0.59	6.1	0.025
30665	Core	39	35.8	32.3	<0.002	0.014	1.34	2.3	4.6	1.1	16.2	0.09	0.49	7.2	0.020
30666	Core	48	26.3	29.9	0.005	0.011	1.32	2.7	13.3	1.0	26.4	0.32	0.59	8.4	0.022
30667	Core	<10	18.5	28.2	0.003	0.028	1.25	2.3	16.6	0.9	14.3	0.16	0.48	6.9	0.019
30668	Core	36	15.6	32.4	<0.002	0.051	1.90	2.5	12.7	1.0	14.7	0.12	0.57	7.1	0.018
30669	Core	2006	27.6	107.1	0.004	0.059	1.91	9.5	5.3	1.9	91.8	0.23	0.61	11.6	0.041
30670	Core	680	19.2	157.6	<0.002	0.113	2.07	13.3	5.1	2.4	44.6	0.34	0.62	15.7	0.083
30671	Core	2018	20.1	87.8	0.003	0.080	1.51	8.9	4.0	1.5	54.3	0.28	0.57	10.2	0.063
30672	Core	340	22.6	141.1	0.002	0.087	1.37	11.7	5.4	2.2	39.9	0.31	0.65	13.7	0.072
30673	Core	369	17.1	129.6	0.002	0.046	1.13	10.6	5.8	2.1	37.2	0.28	0.55	12.4	0.072
30674	Core	346	27.0	177.2	0.002	0.102	1.81	14.2	4.7	2.7	44.3	0.32	0.64	15.1	0.091
30675	Core	117	16.2	26.7	0.003	0.027	0.60	2.9	7.1	0.8	13.5	0.13	0.60	8.1	0.025
30676	Core	162	14.0	26.7	<0.002	0.010	0.59	2.6	8.0	0.7	9.9	0.08	0.49	7.1	0.021
30677	Core	1482	15.8	25.6	<0.002	0.032	0.99	2.0	9.9	0.8	26.1	0.23	0.53	4.5	0.016
30678	Core	300	17.2	22.6	0.003	0.049	1.20	2.1	5.9	0.7	9.8	0.09	0.58	6.0	0.019
30679	Core	22	40.0	30.3	0.003	0.127	1.15	2.4	6.7	1.7	11.1	0.09	0.54	6.5	0.025
30680	Core	<10	102.4	32.5	0.002	0.111	1.11	2.2	13.4	1.6	15.0	0.09	0.49	6.2	0.024
30681	Core	14	152.4	52.2	<0.002	0.049	1.53	3.1	12.2	4.8	16.4	0.14	0.50	8.0	0.020
30682	Core	92	323.0	32.7	0.002	0.205	13.35	1.7	7.1	5.9	11.0	0.07	0.56	4.1	0.020
30683	Core	97	90.1	32.2	<0.002	0.096	1.32	2.3	12.3	1.3	14.9	0.10	0.54	5.3	0.018
30684	Pulp	4333	8.2	108.4	0.040	0.304	19.18	5.8	10.3	1.6	121.0	0.49	0.96	5.4	0.199
30685	Reject	<10	98.5	30.1	<0.002	0.032	1.34	2.2	10.5	1.3	16.1	0.11	0.56	5.9	0.021
30686	Core	<10	87.7	43.0	<0.002	0.214	1.73	2.8	11.4	2.2	15.2	0.10	0.52	6.1	0.031
30687	Core	<10	46.5	39.0	<0.002	0.230	1.19	3.0	9.3	2.2	15.8	0.12	0.56	8.2	0.034
30688	Core	199	56.7	61.6	0.002	0.330	1.47	4.4	4.5	3.5	26.0	0.12	0.50	9.1	0.039
30689	Core	<10	18.8	52.8	0.002	1.435	2.49	3.8	6.8	1.1	31.0	0.11	0.52	9.6	0.033
30690	Core	14	16.3	36.0	0.002	0.341	1.13	2.5	6.6	1.2	14.1	0.09	0.49	5.9	0.026
30691	Core	12	30.1	51.4	<0.002	0.166	1.72	3.0	10.7	3.7	15.8	0.12	0.49	6.8	0.037
30692	Core	<10	42.6	41.7	<0.002	0.271	1.97	2.7	10.7	4.7	11.3	0.09	0.52	6.4	0.028
30693	Core	<10	37.3	35.3	0.002	0.358	1.80	2.4	4.4	1.7	13.3	0.09	0.50	5.9	0.029
30694	Core	11	19.2	31.0	0.003	0.192	1.43	2.7	3.8	1.1	12.7	0.08	0.49	6.2	0.027
30695	Core	<10	9.3	28.9	<0.002	0.024	0.66	2.6	5.4	0.7	12.2	0.07	0.53	5.9	0.025
30696	Core	<10	43.8	23.2	<0.002	0.160	1.06	1.7	11.7	1.7	8.6	<0.05	0.51	3.6	0.013
30697	Core	<10	26.8	40.8	<0.002	0.345	2.03	2.6	8.4	2.5	11.0	0.07	0.56	5.7	0.022
30698	Core	21	14.3	30.0	0.003	0.202	1.07	2.6	6.4	0.7	21.2	0.11	0.55	6.7	0.035
30699	Core	<10	25.3	47.9	<0.002	0.619	2.63	2.4	10.6	2.6	10.3	0.11	0.51	6.7	0.036
30700	Core	43	23.8	38.1	0.009	0.208	1.26	3.2	8.5	2.1	16.4	0.25	0.58	8.0	0.039

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30701	Core	33	36.4	34.1	0.003	0.214	0.91	2.9	9.6	1.0	21.6	0.24	0.48	7.1	0.038

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30661	Core	0.03	0.4	286	0.1	0.8	16	3.1
30662	Core	0.19	1.5	21	0.8	4.0	25	35.9
30663	Core	0.18	2.6	21	0.8	6.3	54	54.3
30664	Core	0.15	1.3	21	0.9	3.0	41	42.8
30665	Core	0.19	1.4	23	0.8	3.2	72	39.5
30666	Core	0.18	1.4	22	0.9	3.7	97	47.1
30667	Core	0.17	1.3	19	0.9	3.2	79	42.9
30668	Core	0.18	1.2	23	1.1	3.3	44	44.4
30669	Core	0.58	3.9	75	1.3	9.1	118	71.6
30670	Core	0.86	4.1	104	1.3	8.9	123	93.4
30671	Core	0.48	2.8	80	0.4	9.0	175	64.1
30672	Core	0.71	3.8	100	0.8	6.6	100	87.8
30673	Core	0.69	3.0	92	1.1	6.9	126	74.3
30674	Core	0.90	4.2	120	1.4	8.1	118	95.6
30675	Core	0.15	1.4	26	0.6	4.3	54	53.4
30676	Core	0.14	1.2	26	0.6	3.8	47	45.6
30677	Core	0.16	1.8	18	1.0	5.3	41	37.3
30678	Core	0.14	1.4	20	1.4	4.1	57	41.4
30679	Core	0.17	1.2	24	0.8	3.0	41	41.7
30680	Core	0.18	1.1	22	0.8	3.0	24	46.5
30681	Core	0.26	1.3	22	1.0	4.2	29	63.9
30682	Core	0.18	0.8	19	1.3	2.3	15	38.6
30683	Core	0.18	1.4	23	0.7	2.6	36	35.4
30684	Pulp	11.23	7.5	436	32.3	24.4	269	68.7
30685	Reject	0.29	1.3	20	0.9	2.8	15	38.4
30686	Core	0.27	1.3	27	1.1	3.4	16	49.0
30687	Core	0.24	1.4	28	1.4	4.0	43	59.1
30688	Core	0.36	1.8	40	1.2	4.6	105	56.8
30689	Core	0.33	1.8	37	1.1	5.5	10	75.2
30690	Core	0.23	1.3	26	0.9	3.3	39	42.5
30691	Core	0.30	1.7	29	1.4	4.5	46	56.1
30692	Core	0.23	1.3	24	1.0	3.7	65	45.9
30693	Core	0.20	1.2	22	1.2	3.5	43	47.7
30694	Core	0.19	1.2	24	0.9	3.5	59	43.6
30695	Core	0.17	1.1	24	0.5	3.4	48	41.4
30696	Core	0.15	0.9	13	0.5	2.3	50	22.9
30697	Core	0.24	1.1	24	1.1	3.4	52	41.5
30698	Core	0.17	1.3	24	0.9	3.7	43	49.4
30699	Core	0.24	1.2	25	1.8	4.0	23	52.3
30700	Core	0.21	1.4	26	0.7	4.7	66	55.3

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30701	Core	0.18	1.3	25	0.8	3.9	49	51.0

3Ace Property, Northern Tiger Resources Inc.
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Buchanan et al., 2011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30661	Core		0.13	0.05	1.5	17	0.08	0.04	>10	0.04	1.03	0.9	7	0.20	3.4
30661 Dup			0.09	0.05	1.1	20	0.06	0.03	>10	0.05	1.04	1.0	7	0.21	3.6
QCV1110-02060-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			28.46	7.69					6.21						6771.3
30679	Core		0.15	2.47	205.9	95	0.54	0.07	0.02	0.66	24.13	2.6	184	1.19	9.0
30679 Dup			0.15	2.45	214.5	94	0.64	0.06	0.02	0.62	25.91	2.6	148	1.20	8.7
QCV1110-02060-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			27.69	7.36					6.39						6659.3
30697	Core		0.10	2.38	557.5	113	0.51	0.06	0.02	4.47	17.78	2.9	176	1.41	7.6
30697 Dup			0.10	2.44	538.8	111	0.59	0.06	0.02	4.55	23.60	2.9	181	1.43	7.2
QCV1110-02060-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.69	8.15	8.6	408	2.87	2.76	0.57	0.04	84.52	15.7		6.61	2326.8
30661	Core	<0.005													
30661 Dup		0.006													
30679	Core	0.018													
30679 Dup		0.018													
QCV1110-02061-0004-BLK		0.008													
30697	Core	0.055													
30697 Dup		0.056													
QCV1110-02061-0006-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.406													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30661	Core	0.49	0.23	<0.05	<0.1	<0.01	0.02	0.6	1.1	>10	236	0.10	<0.01	0.3	3.1
30661 Dup		0.47	0.25	<0.05	<0.1	<0.01	0.02	0.6	1.1	>10	231	<0.05	<0.01	0.3	2.8
QCV1110-02060-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected		10.20					1.00			2.35			0.89		
STD-CDN-ME-16 result		8.96					0.98			2.43			0.85		
30679	Core	0.91	4.80	0.86	1.4	0.02	0.52	11.3	9.2	0.04	74	0.43	0.03	0.9	7.6
30679 Dup		0.87	4.76	0.90	1.4	0.01	0.54	11.6	9.2	0.04	70	0.47	0.03	0.8	6.4
QCV1110-02060-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected		10.20					1.00			2.35			0.89		
STD-CDN-ME-16 result		8.92					1.00			2.35			0.80		
30697	Core	0.97	4.77	1.21	1.4	0.02	0.70	8.1	6.2	0.06	152	0.39	0.03	0.7	8.7
30697 Dup		0.97	4.86	1.15	1.4	0.01	0.73	10.6	6.4	0.06	152	0.44	0.04	1.0	8.4
QCV1110-02060-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.60	17.74		4.3	0.32	2.81	41.5	27.2	1.62		0.65	0.50	14.7	37.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30661	Core	60	2.9	1.0	<0.002	<0.01	0.09	0.6	4.4	0.3	40.5	0.35	0.51	0.2	<0.005
30661 Dup		53	2.9	1.2	<0.002	<0.01	0.06	0.5	4.6	0.2	41.1	0.41	0.49	<0.2	<0.005
QCV1110-02060-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0			6.500									
STD-CDN-ME-16 result			8446.1			6.114									
30679	Core	22	40.0	30.3	0.003	0.127	1.15	2.4	6.7	1.7	11.1	0.09	0.54	6.5	0.025
30679 Dup		<10	39.4	30.2	<0.002	0.120	1.14	2.5	9.8	1.7	11.2	0.09	0.55	6.6	0.024
QCV1110-02060-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0			6.500									
STD-CDN-ME-16 result			9047.9	43.8		6.336									
30697	Core	<10	26.8	40.8	<0.002	0.345	2.03	2.6	8.4	2.5	11.0	0.07	0.56	5.7	0.022
30697 Dup		<10	25.7	41.1	<0.002	0.322	1.96	2.5	8.6	2.5	11.0	0.09	0.53	5.7	0.027
QCV1110-02060-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		706	12.2	205.7	0.007	0.283	1.33	12.9	6.9	10.2	32.5			16.6	0.323

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30661	Core	0.03	0.4	286	0.1	0.8	16	3.1
30661 Dup		0.02	0.4	271	0.2	0.8	15	3.4
QCV1110-02060-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							8058	
30679	Core	0.17	1.2	24	0.8	3.0	41	41.7
30679 Dup		0.17	1.2	23	0.8	3.1	39	43.7
QCV1110-02060-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							7671	
30697	Core	0.24	1.1	24	1.1	3.4	52	41.5
30697 Dup		0.22	1.1	24	1.2	3.5	52	43.6
QCV1110-02060-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.90	3.2		2.4	26.5	89	118.1

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Dennis Ouellette
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 42**
Client Reference: **Core 42**
Description: **3 ACE**

Date Received: 10/19/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	32	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07892-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30628	Core	0.019	0.17	>10	79.7	958	4.93	0.34	0.17	0.17	31.65	19.1	152	6.92	34.8
30629	Core	0.105	0.33	>10	79.7	1057	4.86	0.84	0.07	0.05	49.77	2.4	162	7.04	16.1
30630	Core	0.006	0.10	3.19	239.6	118	0.78	0.11	0.01	0.10	21.06	5.1	213	1.41	10.1
30631	Core	0.008	0.12	3.58	171.4	166	0.85	0.16	0.02	0.12	27.75	6.7	183	1.78	14.5
30632	Core	0.005	0.28	2.97	103.2	143	0.63	0.09	0.04	0.15	24.14	1.9	194	1.45	9.1
30633	Core	<0.005	0.09	2.34	20.9	95	0.46	0.07	0.03	0.35	20.70	3.4	179	1.08	7.8
30634	Core	<0.005	0.10	2.44	27.3	96	0.40	0.07	0.03	0.03	25.26	2.4	196	1.31	8.7
30635	Core	0.017	0.16	2.29	54.4	98	0.49	0.07	0.03	0.03	18.91	1.3	201	1.47	7.7
30636	Core	0.021	0.11	2.20	172.5	105	0.45	0.07	0.02	0.07	20.87	1.6	214	1.33	8.4
30637	Core	0.011	0.09	2.25	242.5	88	0.46	0.08	0.05	0.07	20.54	1.4	223	1.21	8.7
30638	Core	0.031	0.25	2.04	273.9	96	0.49	0.05	0.04	0.13	24.93	1.2	229	1.28	9.1
30639	Core	0.017	0.12	2.35	263.9	108	0.58	0.06	0.01	0.13	27.21	3.0	192	1.35	9.4
30640	Core	0.019	0.15	2.14	228.5	93	0.62	0.07	0.01	0.14	24.54	1.7	217	1.22	8.1
30641	Core	0.015	0.33	2.38	151.8	105	0.54	0.06	0.01	0.05	21.62	2.6	217	1.19	9.3
30642	Core	0.006	0.14	2.38	116.2	92	0.55	0.17	0.01	0.08	21.67	2.9	223	1.33	10.8
30643	Core	0.027	0.22	2.83	501.9	144	0.65	0.09	0.01	0.62	22.30	2.0	186	1.57	10.2
30644	Core	0.075	0.65	2.81	1162.5	148	0.64	0.06	0.01	0.37	30.68	1.2	222	1.60	16.5
30645	Core	0.039	0.31	2.68	680.9	131	0.64	0.07	0.02	0.80	31.11	1.4	188	1.45	12.6
30646	Core	0.065	0.25	3.31	865.1	182	0.75	0.08	0.01	0.36	30.95	0.9	229	2.02	8.2
30647	Core	0.018	0.15	2.32	468.4	108	0.60	0.09	0.01	0.48	20.98	1.3	199	1.37	6.8
30648	Reject	0.027	0.12	2.55	554.7	127	0.59	0.06	0.01	0.40	22.15	1.4	217	1.53	7.3
30649	Core	0.008	0.10	0.05	4.0	14	0.06	0.02	>10	0.05	0.90	0.8	7	0.16	2.4
30650	Core	0.049	0.18	2.43	1109.2	117	0.48	0.05	0.02	0.17	29.63	0.7	176	1.40	8.8
30651	Core	0.034	0.25	2.65	640.8	122	0.53	0.07	0.03	0.55	32.56	1.3	197	1.54	13.5
30652	Core	0.015	0.12	2.61	205.1	106	0.51	0.07	0.02	1.23	23.78	2.8	191	1.45	10.4
30653	Core	0.038	0.15	3.50	444.3	170	0.79	0.08	0.01	0.25	38.91	1.9	194	2.34	7.0
30654	Core	0.011	0.11	3.11	204.7	130	0.93	0.07	0.05	0.20	28.79	3.5	214	1.99	6.7
30655	Core	0.007	0.07	2.54	40.8	99	0.72	0.06	0.02	0.34	22.24	5.1	188	1.46	9.9
30656	Core	0.014	0.11	2.79	101.6	114	0.85	0.07	0.01	0.10	23.45	6.0	206	1.67	16.3
30657	Core	0.022	0.09	1.49	141.2	66	0.31	0.03	<0.01	0.07	14.41	1.2	230	1.03	5.6
30658	Core	0.826	1.49	2.37	>10000	126	0.48	0.21	<0.01	0.67	21.30	1.1	207	1.78	18.9
30659	Core	0.162	1.47	2.63	5344.5	149	0.51	0.09	<0.01	0.43	23.35	0.8	226	1.93	8.4
30660	Core	0.098	1.01	2.25	5370.0	127	0.59	0.10	0.01	0.59	24.52	1.1	231	2.17	8.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30628	Core	6.58	37.38	1.40	3.4	0.08	5.75	16.8	36.4	0.53	341	0.63	0.22	2.4	44.8
30629	Core	4.17	37.83	1.50	3.6	0.08	5.98	25.7	40.0	0.35	74	0.87	0.22	2.4	6.6
30630	Core	1.96	6.71	0.98	1.6	0.02	0.65	9.7	11.5	0.04	265	0.47	0.03	0.6	8.0
30631	Core	1.96	8.01	0.86	2.1	0.02	0.84	12.7	10.1	0.05	212	0.51	0.04	0.8	9.8
30632	Core	1.01	6.70	0.88	1.9	0.02	0.69	10.9	8.5	0.04	48	0.43	0.04	0.8	5.5
30633	Core	1.01	5.13	0.74	1.4	0.01	0.49	9.1	11.6	0.06	365	0.44	0.03	0.6	7.9
30634	Core	1.10	5.11	0.64	1.5	<0.01	0.53	11.0	7.9	0.06	72	0.46	0.12	0.7	6.6
30635	Core	0.84	5.04	0.92	1.4	0.01	0.56	8.1	8.4	0.04	42	0.51	0.04	0.5	3.7
30636	Core	0.93	5.13	0.77	1.5	0.02	0.58	9.5	8.0	0.04	48	0.41	0.04	0.7	5.2
30637	Core	1.21	4.55	0.72	1.5	0.02	0.50	9.3	13.3	0.05	35	0.47	0.04	0.7	3.9
30638	Core	0.78	4.77	0.96	1.5	0.01	0.57	10.6	8.0	0.04	26	0.54	0.02	0.7	3.9
30639	Core	0.98	5.10	0.80	1.7	0.01	0.61	12.3	8.2	0.04	82	0.42	0.03	0.7	5.4
30640	Core	1.00	4.80	0.88	1.5	0.01	0.54	10.7	8.4	0.04	54	0.41	0.03	0.7	5.2
30641	Core	1.22	5.39	1.01	1.4	0.01	0.53	9.5	7.8	0.05	70	0.49	0.03	0.5	6.5
30642	Core	1.37	5.10	0.99	1.6	0.01	0.49	9.8	13.1	0.04	73	0.42	0.04	0.6	8.4
30643	Core	1.33	6.72	0.77	2.2	0.02	0.75	10.1	14.0	0.05	40	0.53	0.04	0.9	5.4
30644	Core	1.10	6.74	1.01	2.2	0.03	0.89	13.7	8.4	0.06	31	0.54	0.04	1.0	3.6
30645	Core	0.85	6.28	0.91	2.2	0.03	0.85	13.9	7.2	0.06	38	0.52	0.04	1.0	5.3
30646	Core	1.01	8.43	0.93	2.4	0.05	1.18	13.7	7.0	0.07	28	0.54	0.06	1.1	3.8
30647	Core	1.11	5.28	1.00	1.5	0.01	0.61	9.5	6.5	0.03	30	0.48	0.03	0.7	4.0
30648	Reject	1.05	5.93	1.07	1.6	0.02	0.67	9.7	8.2	0.04	31	0.46	0.04	0.8	4.6
30649	Core	0.46	0.24	<0.05	<0.1	<0.01	0.02	0.5	1.0	>10	230	0.14	<0.01	0.2	2.3
30650	Core	0.64	5.65	1.08	1.7	0.02	0.83	13.2	5.4	0.07	28	0.45	0.04	1.0	3.5
30651	Core	0.76	6.49	0.98	2.1	0.04	0.78	14.6	7.3	0.07	42	0.66	0.04	1.2	5.2
30652	Core	1.01	5.94	1.10	1.9	0.02	0.62	10.9	9.3	0.07	162	0.45	0.03	1.0	12.7
30653	Core	1.24	8.83	1.21	2.6	0.02	1.07	17.9	7.2	0.07	39	0.46	0.05	1.2	4.5
30654	Core	1.06	6.58	1.18	1.6	0.02	0.73	13.7	9.8	0.06	43	0.44	0.04	0.8	8.1
30655	Core	1.23	5.62	1.03	1.5	0.01	0.62	10.3	7.4	0.05	103	0.42	0.03	0.5	14.2
30656	Core	1.94	6.84	1.10	1.4	0.02	0.71	11.1	26.9	0.05	146	0.46	0.04	0.7	13.9
30657	Core	0.64	3.46	1.29	0.8	<0.01	0.48	6.9	15.2	0.04	34	0.59	0.02	0.6	4.7
30658	Core	1.52	6.10	1.31	1.8	0.12	0.90	10.0	8.1	0.08	30	0.54	0.04	0.9	3.6
30659	Core	0.89	6.80	1.28	4.6	0.16	1.07	10.7	5.2	0.08	27	0.56	0.04	1.9	3.6
30660	Core	1.02	5.93	1.27	2.1	0.14	0.88	11.1	6.0	0.07	26	0.54	0.04	1.0	3.0

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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30628	Core	692	12.4	237.9	<0.002	0.237	3.52	20.6	6.0	3.0	60.2	0.41	0.51	18.2	0.112
30629	Core	2561	69.4	231.5	0.003	0.163	7.39	20.1	8.6	3.1	221.6	0.37	0.64	16.5	0.122
30630	Core	184	7.9	28.9	<0.002	0.018	2.23	2.8	8.3	0.9	28.5	0.07	0.53	9.7	0.020
30631	Core	243	7.8	40.7	<0.002	0.025	2.10	3.8	9.4	0.9	28.3	0.10	0.56	12.3	0.027
30632	Core	227	8.7	35.8	0.003	0.015	1.48	2.9	11.5	0.7	19.3	0.09	0.54	11.7	0.023
30633	Core	<10	8.6	24.2	<0.002	0.017	0.88	2.0	6.3	0.5	11.6	0.06	0.53	7.5	0.017
30634	Core	<10	10.5	26.4	0.002	0.019	1.50	2.0	10.9	0.6	9.6	0.07	0.48	8.3	0.019
30635	Core	<10	16.7	27.8	0.002	0.040	1.35	1.9	13.6	0.9	10.5	0.06	0.47	8.6	0.017
30636	Core	20	29.4	29.1	<0.002	0.040	1.12	2.0	11.5	0.9	12.2	0.07	0.46	8.3	0.019
30637	Core	69	29.4	24.0	<0.002	0.070	0.89	2.1	10.7	1.0	10.5	0.08	0.52	10.4	0.020
30638	Core	132	8.5	29.2	0.002	0.018	1.51	1.7	13.1	0.8	11.2	0.07	0.53	7.3	0.021
30639	Core	32	11.0	29.3	<0.002	0.025	1.14	2.1	11.4	0.7	12.5	0.08	0.52	9.5	0.023
30640	Core	59	14.9	26.9	<0.002	0.018	1.24	2.0	13.2	0.7	11.5	0.07	0.50	8.1	0.020
30641	Core	15	9.2	27.4	<0.002	0.018	0.91	2.1	14.1	0.8	8.4	0.06	0.53	8.8	0.018
30642	Core	<10	30.2	24.9	<0.002	0.017	1.16	2.2	17.3	0.8	10.1	0.07	0.52	8.9	0.018
30643	Core	31	41.6	38.1	<0.002	0.045	2.40	2.9	15.9	1.4	19.4	0.10	0.49	10.4	0.028
30644	Core	30	272.1	44.0	<0.002	0.047	3.11	2.9	16.7	4.5	14.7	0.10	0.56	9.3	0.032
30645	Core	<10	50.6	41.3	0.003	0.128	1.78	2.5	10.3	3.3	12.6	0.11	0.49	9.4	0.030
30646	Core	<10	56.0	55.9	<0.002	0.060	2.29	3.0	11.6	5.9	22.2	0.12	0.50	10.2	0.037
30647	Core	53	30.6	29.1	<0.002	0.033	1.70	2.2	15.5	0.9	13.2	0.07	0.47	8.8	0.019
30648	Reject	56	12.5	33.0	<0.002	0.028	1.83	2.3	17.0	1.0	14.5	0.08	0.53	9.5	0.021
30649	Core	115	2.4	0.7	<0.002	<0.01	<0.05	0.5	4.1	<0.2	38.7	0.16	0.44	0.4	<0.005
30650	Core	<10	33.4	40.0	0.002	0.080	2.19	2.2	14.0	5.4	14.3	0.11	0.48	7.7	0.030
30651	Core	<10	62.4	39.9	<0.002	0.075	1.75	2.6	14.4	3.8	13.8	0.13	0.45	9.5	0.036
30652	Core	<10	16.3	30.5	<0.002	0.178	1.41	2.7	11.3	1.1	15.8	0.10	0.51	9.0	0.028
30653	Core	<10	20.0	52.1	<0.002	0.032	2.11	3.4	13.7	2.0	19.1	0.14	0.57	10.7	0.039
30654	Core	311	7.5	35.9	<0.002	0.034	1.71	3.2	12.2	1.5	16.6	0.08	0.48	8.8	0.027
30655	Core	58	7.3	30.1	<0.002	0.070	1.20	2.6	13.2	1.4	8.0	<0.05	0.53	8.4	0.018
30656	Core	137	12.0	33.7	<0.002	0.042	1.36	2.8	13.0	0.9	12.3	0.06	0.46	7.5	0.022
30657	Core	<10	11.1	23.8	<0.002	0.022	1.11	1.5	18.3	2.9	6.1	0.05	0.52	2.8	0.015
30658	Core	33	426.5	45.4	<0.002	0.317	19.08	2.9	20.7	7.9	35.4	0.09	0.54	7.2	0.027
30659	Core	177	1627.7	53.5	0.005	0.076	6.77	3.3	17.3	7.8	21.3	0.27	0.55	6.9	0.033
30660	Core	124	2638.8	45.7	0.002	0.120	8.09	2.6	24.7	6.7	22.5	0.15	0.52	6.5	0.024

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30628	Core	1.28	4.7	171	2.1	7.1	188	82.9
30629	Core	1.31	4.5	180	3.7	7.6	112	93.2
30630	Core	0.18	1.4	27	1.9	3.7	66	40.0
30631	Core	0.25	2.0	32	1.8	4.6	87	50.9
30632	Core	0.24	1.8	28	1.3	3.9	35	49.7
30633	Core	0.14	1.2	20	0.8	2.9	39	33.2
30634	Core	0.17	1.2	22	0.7	3.0	37	37.6
30635	Core	0.16	1.1	22	1.3	2.6	15	36.9
30636	Core	0.18	1.1	20	1.1	2.9	23	36.6
30637	Core	0.15	1.3	21	0.9	2.7	37	38.4
30638	Core	0.19	1.0	19	1.1	2.7	14	35.5
30639	Core	0.19	1.3	22	1.6	3.3	31	41.4
30640	Core	0.17	1.0	20	1.4	2.9	22	34.8
30641	Core	0.17	1.2	24	0.8	2.5	37	35.2
30642	Core	0.14	1.2	22	0.9	2.8	56	40.1
30643	Core	0.25	1.5	28	0.9	3.6	49	49.5
30644	Core	0.27	1.6	29	0.8	3.7	71	52.1
30645	Core	0.26	1.6	26	0.7	3.4	67	49.6
30646	Core	0.37	1.6	32	1.2	4.0	39	60.4
30647	Core	0.20	1.3	20	0.7	2.7	36	33.9
30648	Reject	0.22	1.3	22	0.8	2.7	33	36.2
30649	Core	0.02	0.4	307	0.1	0.7	15	0.5
30650	Core	0.27	1.4	23	1.1	2.8	11	40.4
30651	Core	0.26	1.4	29	1.1	3.3	27	50.7
30652	Core	0.19	1.5	26	1.1	3.0	35	44.5
30653	Core	0.33	1.6	37	2.1	4.3	43	60.5
30654	Core	0.23	1.7	30	1.6	3.7	50	41.9
30655	Core	0.18	1.3	24	1.1	3.1	52	36.9
30656	Core	0.19	1.2	26	1.3	3.0	82	33.3
30657	Core	0.14	0.5	14	0.9	1.5	27	18.6
30658	Core	0.28	1.1	25	2.0	2.8	47	43.4
30659	Core	0.34	1.1	28	1.5	2.9	22	46.9
30660	Core	0.28	1.1	25	1.6	3.1	33	43.5

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11-360-07892-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30628	Core		0.17	>10	79.7	958	4.93	0.34	0.17	0.17	31.65	19.1	152	6.92	34.8
30628 Dup			0.10	>10	79.5	971	4.98	0.35	0.16	0.16	32.20	18.6	154	7.11	34.2
QCV1110-02067-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			49.37	7.40					0.83						4160.7
30646	Core		0.25	3.31	865.1	182	0.75	0.08	0.01	0.36	30.95	0.9	229	2.02	8.2
30646 Dup			0.23	3.22	875.9	178	0.79	0.08	0.01	0.37	34.02	0.9	222	2.07	7.5
QCV1110-02067-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-02067-0006-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS 92 expected			0.70					2.40				16.3			2294.0
STD-OREAS 92 result			0.72					2.56				15.0			2336.9
30628	Core	0.019													
30628 Dup		0.023													
30646	Core	0.065													
30646 Dup		0.056													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.783													
QCV1110-02068-0004-BLK		0.009													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.946													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30628	Core	6.58	37.38	1.40	3.4	0.08	5.75	16.8	36.4	0.53	341	0.63	0.22	2.4	44.8
30628 Dup		6.64	37.14	1.53	3.2	0.09	5.98	16.8	34.6	0.54	350	0.54	0.22	1.8	45.6
QCV1110-02067-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		4.78					4.36			0.90			1.24		
30646	Core	1.01	8.43	0.93	2.4	0.05	1.18	13.7	7.0	0.07	28	0.54	0.06	1.1	3.8
30646 Dup		0.98	8.08	0.86	2.5	0.05	1.15	15.1	6.9	0.07	26	0.49	0.06	1.0	3.7
QCV1110-02067-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-02067-0006-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30628	Core	692	12.4	237.9	<0.002	0.237	3.52	20.6	6.0	3.0	60.2	0.41	0.51	18.2	0.112
30628 Dup		707	12.4	238.8	<0.002	0.243	3.55	20.2	5.6	3.1	59.6	0.33	0.51	17.6	0.104
QCV1110-02067-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2078.7			2.304									0.206
30646	Core	<10	56.0	55.9	<0.002	0.060	2.29	3.0	11.6	5.9	22.2	0.12	0.50	10.2	0.037
30646 Dup		<10	54.8	55.1	0.003	0.054	2.24	3.0	13.3	5.9	21.4	0.11	0.46	9.8	0.032
QCV1110-02067-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-02067-0006-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS 92 expected			9.8			0.310	1.20		3.8	10.6					
STD-OREAS 92 result			10.9			0.293	1.28		9.7	9.5					

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30628	Core	1.28	4.7	171	2.1	7.1	188	82.9
30628 Dup		1.32	4.7	174	1.9	7.1	196	79.8
QCV1110-02067-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2649	
30646	Core	0.37	1.6	32	1.2	4.0	39	60.4
30646 Dup		0.37	1.6	31	1.3	3.8	38	57.6
QCV1110-02067-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-02067-0006-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS 92 expected							88	
STD-OREAS 92 result							92	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 43**
Client Reference: **Core 43**
Description: **3 ACE**

Date Received: 10/19/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-07894-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30531	Core	0.336	2.98	2.16	4356.3	92	0.48	0.07	0.04	40.09	18.48	5.1	168	1.55	14.1
30532	Core	0.090	7.21	1.97	652.4	83	0.41	0.10	0.05	13.69	20.79	4.0	215	1.72	9.7
30533	Core	0.358	12.42	>10	684.5	683	3.28	0.31	0.04	41.20	34.91	13.2	213	11.56	38.9
30534	Core	0.031	0.40	3.51	402.2	163	0.84	0.07	0.04	1.14	23.25	4.2	190	2.08	15.0
30535	Core	0.030	0.27	>10	154.9	715	3.50	0.39	0.06	0.78	31.37	17.4	191	6.29	43.4
30536	Core	0.069	0.98	2.43	1181.3	96	0.67	0.06	0.04	0.57	19.50	4.2	194	1.21	12.5
30537	Core	0.044	0.26	3.21	253.6	146	0.80	0.09	0.06	0.51	25.98	6.1	200	1.72	14.3
30538	Core	0.066	0.90	4.73	547.7	240	1.19	0.08	0.10	1.10	21.36	5.7	185	2.72	13.6
30539	Core	0.238	2.13	2.59	991.9	136	0.49	0.06	0.04	1.86	16.51	3.3	189	1.57	7.7
30540	Core	0.129	1.61	3.00	725.1	150	0.69	0.13	0.03	2.30	20.26	5.5	217	1.75	12.4
30541	Reject	0.038	0.84	2.44	326.2	119	0.61	0.05	0.02	2.41	24.74	3.2	182	1.50	9.9
30542	Core	<0.005	0.28	0.07	<0.2	14	<0.05	0.05	>10	0.04	0.99	0.9	10	0.31	3.9
30543	Core	0.140	0.41	2.32	2177.4	109	0.52	0.04	0.03	1.45	26.65	2.9	129	1.61	9.7
30544	Core	0.058	0.44	2.90	613.1	139	0.45	0.05	0.04	1.46	28.96	3.8	134	1.79	9.5
30545	Core	0.034	0.24	3.19	300.5	157	0.68	0.04	0.04	2.58	23.71	3.2	166	1.96	6.2
30546	Core	0.040	0.30	2.55	558.6	124	0.55	0.04	0.04	2.95	23.41	3.0	223	1.74	5.7
30547	Core	0.020	0.18	2.71	133.9	125	0.48	0.07	0.03	0.97	31.12	3.4	143	2.38	10.0
30548	Core	0.034	0.59	2.38	253.3	105	0.40	0.07	0.04	1.82	24.36	3.3	155	1.33	11.4
30549	Core	0.067	0.21	2.33	551.0	105	0.36	0.05	0.03	1.08	26.25	2.8	134	1.47	6.1
30550	Core	0.084	0.24	2.87	558.9	124	0.64	0.09	0.09	1.43	21.67	4.1	177	1.61	8.7
30551	Core	0.016	0.18	5.86	108.5	343	1.63	0.38	0.38	0.39	21.05	8.1	211	3.26	22.3
30552	Core	0.073	0.13	2.57	454.6	101	0.47	0.09	0.05	0.30	20.72	3.4	221	1.53	8.1
30553	Core	0.054	0.55	2.98	236.2	125	0.49	0.09	0.05	0.69	30.39	4.3	159	1.69	11.0
30554	Core	0.048	0.48	3.23	231.7	140	0.69	0.07	0.05	1.52	37.12	4.7	145	1.89	27.6
30555	Core	0.051	0.67	2.80	255.4	123	0.56	0.08	0.04	2.72	34.52	4.1	158	1.73	17.5
30556	Core	0.048	1.95	2.40	490.7	109	0.52	0.07	0.08	5.66	20.43	2.9	217	1.92	14.9
30557	Core	0.030	0.39	2.51	53.9	87	0.43	0.08	0.05	0.74	25.15	2.7	163	1.31	5.9
30558	Core	<0.005	0.33	2.30	13.3	77	0.39	0.11	0.06	0.22	24.52	2.9	163	1.10	7.3
30559	Core	<0.005	0.08	2.61	0.5	96	0.68	0.15	0.17	0.08	23.34	3.9	206	1.14	7.7
30560	Core	<0.005	0.49	2.32	16.9	64	0.42	0.15	0.27	0.09	22.51	4.9	233	0.88	13.8
30561	Core	0.006	0.10	4.65	21.0	232	1.26	0.29	0.34	0.10	30.87	7.8	204	2.13	19.4
30562	Core	<0.005	0.41	3.01	14.4	186	1.09	0.19	0.20	0.13	23.15	6.4	222	1.57	12.9
30563	Core	0.012	0.12	1.85	33.5	81	0.39	0.22	0.32	0.11	14.91	4.9	203	0.89	7.4
30564	Core	0.006	0.29	2.89	15.1	166	0.71	0.19	0.31	0.10	21.57	4.7	220	1.51	11.7
30565	Core	<0.005	0.24	2.23	13.1	99	0.51	0.09	0.06	0.11	19.97	3.8	209	1.19	18.2
30566	Core	0.008	0.13	7.52	41.5	386	1.70	0.28	0.10	0.07	52.22	11.8	195	7.68	33.4
30567	Core	0.008	0.15	>10	30.0	662	3.11	0.41	0.30	0.13	48.12	18.8	178	9.27	103.6
30568	Core	<0.005	0.13	>10	20.4	660	3.51	0.42	0.33	0.07	64.90	19.1	161	8.41	48.1
30569	Core	0.013	0.22	9.71	82.7	512	2.48	0.33	0.18	0.06	53.68	16.7	170	6.38	43.9
30570	Core	<0.005	0.12	>10	16.8	699	3.39	0.46	0.21	0.05	103.18	19.7	112	7.10	48.2

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11-360-07894-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30571	Core	<0.005	0.17	>10	15.4	675	2.79	0.44	0.19	0.07	104.01	18.7	122	6.21	52.5
30572	Core	0.006	0.12	>10	16.2	532	2.45	0.34	0.28	0.08	61.42	18.0	128	4.82	45.5
30468	Core	0.013	0.19	>10	74.2	853	3.91	0.41	0.07	1.30	85.03	23.8	201	6.17	80.9

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30531	Core	1.91	4.75	1.31	1.3	1.40	0.88	8.6	4.4	0.09	357	0.49	0.04	0.7	11.7
30532	Core	1.33	3.99	1.29	1.4	0.45	0.69	10.0	7.5	0.09	612	0.43	0.03	0.7	10.2
30533	Core	3.93	25.99	1.34	4.3	1.65	4.10	17.4	121.8	0.34	315	0.57	0.28	2.4	24.6
30534	Core	1.62	7.32	0.90	1.9	0.09	1.10	11.0	32.4	0.12	406	0.41	0.08	1.0	13.1
30535	Core	4.33	26.14	1.02	4.6	0.07	4.34	16.2	33.7	0.71	573	0.53	0.23	2.4	41.0
30536	Core	1.68	4.83	0.85	1.4	0.02	0.67	8.9	11.8	0.10	487	0.48	0.04	0.9	11.6
30537	Core	1.70	6.46	1.00	1.5	0.02	0.95	11.7	24.4	0.17	486	0.51	0.06	0.9	14.3
30538	Core	1.61	9.81	1.05	2.2	0.03	1.68	9.8	9.1	0.17	363	0.43	0.08	1.3	14.6
30539	Core	1.05	5.36	0.95	1.6	0.05	0.93	7.8	6.2	0.07	283	0.43	0.05	0.8	9.5
30540	Core	1.06	6.40	1.11	1.8	0.04	1.00	9.4	8.9	0.10	111	0.44	0.05	1.2	12.3
30541	Reject	0.69	5.21	0.92	1.6	0.05	0.86	11.6	8.0	0.07	131	0.47	0.04	1.0	8.1
30542	Core	0.45	0.28	<0.05	<0.1	<0.01	0.03	0.6	0.9	>10	204	0.13	<0.01	0.3	4.3
30543	Core	0.79	4.75	1.13	1.5	0.02	0.86	12.2	5.4	0.07	58	0.45	0.04	0.9	8.5
30544	Core	0.84	5.87	1.08	1.7	0.03	1.16	13.4	5.4	0.10	148	0.41	0.05	1.0	10.0
30545	Core	0.73	6.53	1.06	1.8	0.07	1.24	10.6	4.8	0.10	222	0.44	0.06	1.1	9.2
30546	Core	0.75	5.22	1.09	1.4	0.08	1.00	10.8	5.6	0.08	168	0.45	0.04	0.9	9.7
30547	Core	0.98	5.52	0.90	1.7	0.02	0.76	14.2	7.8	0.06	317	0.46	0.04	1.0	9.0
30548	Core	0.95	4.80	0.90	1.5	0.06	0.77	11.3	5.5	0.07	327	0.42	0.04	1.0	9.0
30549	Core	0.87	4.69	1.07	1.3	0.04	0.80	12.0	6.0	0.07	172	0.46	0.04	0.8	8.5
30550	Core	1.19	5.60	1.05	1.5	0.04	0.96	10.1	6.0	0.08	315	0.43	0.04	0.9	12.1
30551	Core	1.47	13.00	1.06	2.2	0.03	2.03	10.3	8.3	0.13	469	0.60	0.11	1.4	13.1
30552	Core	0.91	4.89	0.95	1.8	0.01	0.77	9.2	6.0	0.06	125	0.40	0.04	0.9	13.3
30553	Core	0.98	5.87	0.96	2.2	0.03	0.95	13.6	5.8	0.08	242	0.45	0.04	1.2	10.0
30554	Core	1.26	6.57	0.88	2.6	0.05	1.06	16.3	8.7	0.10	420	0.59	0.05	1.4	11.5
30555	Core	1.05	5.67	0.87	2.3	0.08	1.00	15.4	10.9	0.09	317	0.49	0.05	1.2	10.5
30556	Core	0.85	4.45	1.18	1.3	0.16	0.92	9.6	6.6	0.08	38	0.47	0.04	0.9	9.5
30557	Core	0.90	4.36	0.78	1.4	0.03	0.57	11.4	10.3	0.09	313	0.53	0.18	0.7	7.3
30558	Core	0.92	4.02	0.80	1.4	0.02	0.44	11.1	8.3	0.09	290	0.45	0.10	0.7	7.6
30559	Core	1.13	4.60	0.97	1.3	0.01	0.50	10.3	8.9	0.09	385	0.49	0.04	0.7	8.2
30560	Core	1.56	4.02	0.97	1.1	0.01	0.33	9.8	14.0	0.12	420	0.48	0.03	0.6	11.1
30561	Core	2.31	9.61	0.87	1.9	0.02	1.19	14.8	12.1	0.18	464	0.57	0.08	1.1	18.5
30562	Core	1.71	6.47	0.85	4.5	0.02	0.73	10.9	14.3	0.10	490	0.70	0.05	2.1	16.7
30563	Core	1.39	3.55	0.83	1.3	0.02	0.36	6.2	9.1	0.06	538	0.61	0.03	0.8	9.5
30564	Core	1.05	6.20	0.89	2.3	0.01	0.82	10.0	7.4	0.07	356	0.58	0.06	1.3	9.4
30565	Core	0.83	4.60	0.88	1.3	<0.01	0.51	9.5	8.6	0.06	247	0.52	0.04	0.7	7.8
30566	Core	3.31	15.48	1.20	1.9	0.04	2.20	25.8	255.5	0.64	389	0.48	0.20	1.1	30.9
30567	Core	4.17	25.06	1.21	2.8	0.07	3.81	24.6	59.8	0.61	499	0.47	0.29	1.2	40.3
30568	Core	4.74	25.34	1.22	3.3	0.07	3.95	32.7	39.8	0.56	546	0.50	0.28	1.4	42.3
30569	Core	4.59	19.75	1.16	2.7	0.06	2.96	27.2	82.2	0.68	798	0.62	0.22	1.4	38.6
30570	Core	5.07	25.67	1.24	3.3	0.07	4.00	52.9	47.8	0.81	520	0.41	0.27	2.1	42.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30571	Core	4.92	25.21	1.25	3.4	0.06	3.82	49.8	55.5	0.99	606	0.36	0.26	2.1	41.8
30572	Core	5.36	20.48	1.24	3.6	0.06	2.86	31.3	56.7	1.01	703	0.42	0.19	1.8	42.9
30468	Core	4.04	28.14	1.61	4.0	0.08	4.80	42.2	32.5	0.30	606	0.55	0.23	3.2	47.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30531	Core	18	857.2	50.9	<0.002	1.347	7.81	2.8	5.7	15.2	11.1	0.07	0.51	6.2	0.023
30532	Core	38	2377.4	40.2	<0.002	0.576	9.13	2.5	5.0		24.8	0.07	0.45	6.1	0.023
30533	Core	367	4875.6	201.6	0.002	2.324	15.10	15.5	5.3	16.4	244.7	0.28	0.50	17.1	0.105
30534	Core	104	75.4	58.5	<0.002	0.345	1.85	4.5	5.5	6.1	55.5	0.10	0.49	8.2	0.035
30535	Core	112	20.6	211.1	0.003	0.525	3.26	16.9	4.7	3.0	78.0	0.28	0.50	17.5	0.110
30536	Core	25	51.0	36.2	<0.002	0.438	2.23	2.8	6.4	3.6	12.6	0.08	0.52	6.4	0.027
30537	Core	100	42.9	49.0	0.003	0.383	1.28	3.6	5.1	2.4	36.8	0.08	0.48	6.9	0.032
30538	Core	352	160.3	86.2	<0.002	0.621	2.23	5.3	5.2	5.1	26.0	0.11	0.48	7.4	0.047
30539	Core	<10	531.4	52.2	<0.002	0.534	3.54	3.2	5.4	4.9	14.9	0.07	0.48	6.5	0.029
30540	Core	<10	579.3	56.3	<0.002	0.450	3.47	3.5	6.1	6.4	19.6	0.10	0.52	7.6	0.038
30541	Reject	<10	294.7	49.1	<0.002	0.272	2.01	2.7	3.6	7.6	17.3	0.08	0.42	7.2	0.031
30542	Core	66	2.9	1.4	<0.002	<0.01	0.06	0.4	4.1	0.2	38.4	0.22	0.41	0.3	<0.005
30543	Core	<10	100.2	48.6	<0.002	0.330	3.53	2.2	7.1	6.7	16.0	0.08	0.47	6.6	0.029
30544	Core	24	107.3	60.7	0.002	0.444	2.00	2.7	6.0	9.5	19.2	0.09	0.51	8.2	0.030
30545	Core	31	30.8	67.4	0.003	0.342	1.36	3.1	4.8	8.5	12.7	0.10	0.46	7.5	0.034
30546	Core	34	86.8	57.5	0.003	0.340	1.56	2.7	6.3	7.7	9.8	0.07	0.48	7.1	0.028
30547	Core	<10	17.6	41.1	<0.002	0.331	1.17	2.8	6.3	1.5	22.6	0.08	0.49	8.2	0.029
30548	Core	<10	188.1	42.1	<0.002	0.373	1.63	2.4	4.5	4.7	11.1	0.08	0.47	6.6	0.027
30549	Core	<10	62.9	45.1	0.002	0.445	2.02	2.3	5.9	5.3	9.4	0.07	0.47	6.3	0.025
30550	Core	308	75.3	52.8	<0.002	0.612	1.82	2.6	5.8	6.7	18.5	0.09	0.48	6.8	0.026
30551	Core	1862	21.5	99.8	0.002	0.519	2.02	7.1	4.2	2.3	80.4	0.13	0.54	9.7	0.050
30552	Core	100	16.5	42.8	<0.002	0.539	1.58	2.4	7.8	2.8	14.1	0.08	0.42	8.6	0.026
30553	Core	52	55.6	53.3	<0.002	0.472	1.33	3.0	5.8	4.0	15.7	0.11	0.42	10.3	0.036
30554	Core	66	46.9	59.1	<0.002	0.569	1.34	3.3	4.0	6.2	19.2	0.12	0.49	12.3	0.042
30555	Core	14	206.5	55.8	0.002	0.577	1.90	2.9	5.3	8.1	15.0	0.11	0.55	11.0	0.035
30556	Core	289	469.2	53.6	<0.002	0.629	4.24	1.6	4.7	11.4	15.3	0.09	0.53	6.1	0.023
30557	Core	13	34.8	30.0	<0.002	0.191	0.75	1.7	4.9	1.9	13.0	0.07	0.51	6.4	0.020
30558	Core	81	26.1	23.6	<0.002	0.111	0.70	1.7	6.1	1.0	12.3	0.07	0.47	6.1	0.018
30559	Core	663	16.2	27.4	<0.002	0.070	0.71	2.2	4.9	0.8	23.5	0.08	0.51	5.8	0.017
30560	Core	1187	15.3	18.1	<0.002	0.101	0.82	2.2	5.3	0.8	32.5	0.06	0.48	4.8	0.014
30561	Core	1326	26.9	62.6	<0.002	0.112	1.21	5.8	3.9	1.1	60.9	0.11	0.58	8.8	0.040
30562	Core	790	21.2	40.5	0.005	0.079	1.07	4.2	4.0	1.1	64.3	0.29	0.50	7.6	0.031
30563	Core	1478	16.2	20.4	0.003	0.146	0.86	2.4	3.7	0.7	69.7	0.18	0.49	4.5	0.014
30564	Core	1483	14.4	45.8	0.005	0.122	1.14	3.2	3.9	1.4	66.1	0.15	0.50	8.9	0.029
30565	Core	84	10.6	28.8	<0.002	0.039	0.88	1.9	6.3	1.6	18.5	0.07	0.50	5.3	0.018
30566	Core	301	17.4	113.9	0.003	0.075	1.99	9.4	6.0	1.6	88.9	0.12	0.53	10.9	0.041
30567	Core	1137	27.2	199.5	0.004	0.122	2.23	16.2	4.6	3.6	122.4	0.17	0.52	15.7	0.057
30568	Core	1234	25.8	199.0	<0.002	0.131	1.94	16.7	4.6	2.8	102.1	0.19	0.56	16.8	0.070
30569	Core	265	21.8	148.8	<0.002	0.286	2.28	12.8	4.6	2.5	71.9	0.15	0.49	14.0	0.064
30570	Core	467	20.5	203.1	0.004	0.116	1.38	16.8	4.3	2.6	67.3	0.23	0.46	17.5	0.091

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30571	Core	363	28.8	189.2	0.004	0.104	1.30	16.0	3.9	2.5	59.0	0.24	0.57	18.4	0.092
30572	Core	513	22.2	143.9	0.002	0.151	1.53	13.3	3.2	2.2	46.5	0.17	0.49	16.2	0.076
30468	Core	521	13.8	222.2	<0.002	0.065	1.99	17.9	4.1	3.4	115.6	0.35	0.49	20.7	0.135

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11-360-07894-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30531	Core	0.26	1.0	22	1.1	4.5	3372	36.3
30532	Core	0.24	1.1	22	1.0	3.8	918	35.4
30533	Core	1.06	5.0	140	4.5	10.8	3893	114.0
30534	Core	0.35	1.7	38	1.2	5.1	255	51.2
30535	Core	1.13	4.9	147	3.5	9.8	137	128.2
30536	Core	0.20	1.2	24	1.2	3.7	69	40.0
30537	Core	0.26	1.3	35	0.9	4.0	71	41.8
30538	Core	0.45	1.7	49	1.3	5.6	119	60.2
30539	Core	0.28	1.2	27	0.9	3.9	168	47.0
30540	Core	0.31	1.6	33	1.1	4.0	143	51.7
30541	Reject	0.27	1.3	25	0.9	3.7	175	47.9
30542	Core	0.02	0.6	276	0.2	0.8	13	1.0
30543	Core	0.26	1.2	24	0.9	3.3	87	41.3
30544	Core	0.35	1.4	28	1.2	4.0	114	47.9
30545	Core	0.37	1.6	31	1.2	3.8	240	51.4
30546	Core	0.31	1.3	26	1.1	3.3	259	42.5
30547	Core	0.24	1.4	27	1.0	3.8	65	46.3
30548	Core	0.25	1.2	23	1.2	3.3	167	44.4
30549	Core	0.25	1.1	22	1.0	3.3	90	37.5
30550	Core	0.29	1.4	23	1.0	3.8	117	37.1
30551	Core	0.58	3.1	58	1.7	8.8	62	64.2
30552	Core	0.24	1.5	24	1.0	3.8	30	49.2
30553	Core	0.28	1.6	30	1.3	4.6	68	60.1
30554	Core	0.32	1.9	33	1.3	5.4	143	72.1
30555	Core	0.29	1.9	28	1.3	4.9	242	61.3
30556	Core	0.30	1.3	19	1.8	3.3	478	34.4
30557	Core	0.19	1.3	19	0.5	3.0	81	35.7
30558	Core	0.13	1.3	17	0.5	2.9	44	37.9
30559	Core	0.15	1.5	20	0.5	4.0	33	34.4
30560	Core	0.11	1.6	18	0.7	4.7	38	36.7
30561	Core	0.33	2.7	47	0.9	6.9	63	52.0
30562	Core	0.23	1.9	29	2.5	5.6	48	48.1
30563	Core	0.13	1.7	15	0.7	5.3	33	34.5
30564	Core	0.27	2.7	27	1.0	7.1	30	65.8
30565	Core	0.15	1.1	19	0.7	2.8	21	33.7
30566	Core	0.56	2.9	83	2.1	5.1	104	54.0
30567	Core	0.98	4.2	132	1.2	8.7	161	82.9
30568	Core	1.00	4.6	140	1.0	9.9	133	96.7
30569	Core	0.77	3.6	110	1.3	7.0	121	77.1
30570	Core	1.02	4.8	139	0.7	9.0	126	95.6

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Richmond, British Columbia V7A 4V5
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30571	Core	0.99	4.4	144	0.3	9.1	126	93.0
30572	Core	0.76	4.1	126	0.3	9.3	124	107.5
30468	Core	1.13	6.0	150	2.7	9.3	165	114.8

3Ace Property, Northern Tiger Resources Inc.
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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30531	Core		2.98	2.16	4356.3	92	0.48	0.07	0.04	40.09	18.48	5.1	168	1.55	14.1
30531 Dup			3.26	2.21	4509.3	99	0.38	0.07	0.04	42.70	23.28	5.0	182	1.63	13.6
QCV1110-02069-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			29.68	8.00					6.35						6843.5
30549	Core		0.21	2.33	551.0	105	0.36	0.05	0.03	1.08	26.25	2.8	134	1.47	6.1
30549 Dup			0.20	2.32	568.8	108	0.47	0.05	0.03	1.10	25.84	2.7	142	1.44	6.0
QCV1110-02069-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.57												5929.3
30567	Core		0.15	>10	30.0	662	3.11	0.41	0.30	0.13	48.12	18.8	178	9.27	103.6
30567 Dup			0.18	>10	28.4	677	3.34	0.42	0.30	0.12	55.20	19.0	180	9.44	102.2
QCV1110-02069-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	8.13	7.3	430	2.78	2.50	0.60	<0.02	87.55	16.2		7.17	2248.3
30531	Core	0.336													
30531 Dup		0.343													
30549	Core	0.067													
30549 Dup		0.070													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.989													
QCV1110-02070-0004-BLK		<0.005													
30567	Core	0.008													
30567 Dup		0.008													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30531	Core	1.91	4.75	1.31	1.3	1.40	0.88	8.6	4.4	0.09	357	0.49	0.04	0.7	11.7
30531 Dup		1.99	4.82	1.26	1.4	1.51	0.91	10.5	4.8	0.09	382	0.49	0.04	0.7	12.2
QCV1110-02069-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected							1.00			2.35			0.89		
STD-CDN-ME-16 result							1.08			2.50			0.90		
30549	Core	0.87	4.69	1.07	1.3	0.04	0.80	12.0	6.0	0.07	172	0.46	0.04	0.8	8.5
30549 Dup		0.86	4.59	1.00	1.3	0.04	0.80	11.5	5.8	0.07	168	0.43	0.04	0.8	7.9
QCV1110-02069-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30567	Core	4.17	25.06	1.21	2.8	0.07	3.81	24.6	59.8	0.61	499	0.47	0.29	1.2	40.3
30567 Dup		4.10	25.32	1.26	2.9	0.07	3.88	27.4	60.7	0.61	503	0.49	0.30	1.3	42.5
QCV1110-02069-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.70	17.62		4.0	0.32	2.77	41.1	25.5	1.64		0.76	0.49	13.7	35.3

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30531	Core	18	857.2	50.9	<0.002	1.347	7.81	2.8	5.7	15.2	11.1	0.07	0.51	6.2	0.023
30531 Dup		30	915.6	52.1	0.002	1.364	8.38	2.9	7.2	15.9	11.3	0.08	0.55	6.4	0.023
QCV1110-02069-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0												
STD-CDN-ME-16 result			8876.2												
30549	Core	<10	62.9	45.1	0.002	0.445	2.02	2.3	5.9	5.3	9.4	0.07	0.47	6.3	0.025
30549 Dup		<10	62.9	45.1	0.003	0.454	1.92	2.3	6.3	5.2	9.2	0.07	0.50	6.3	0.024
QCV1110-02069-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9676.5								186.2				
30567	Core	1137	27.2	199.5	0.004	0.122	2.23	16.2	4.6	3.6	122.4	0.17	0.52	15.7	0.057
30567 Dup		1187	27.8	200.6	0.006	0.122	2.41	16.1	4.6	3.5	122.9	0.17	0.54	16.1	0.058
QCV1110-02069-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		687	3.2	207.3	0.005	0.238	1.22	12.8		10.2	32.4	1.01	0.47	17.1	0.328

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30531	Core	0.26	1.0	22	1.1	4.5	3372	36.3
30531 Dup		0.26	1.1	24	1.1	4.7	3550	39.8
QCV1110-02069-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							7677	
30549	Core	0.25	1.1	22	1.0	3.3	90	37.5
30549 Dup		0.26	1.1	22	1.0	3.2	92	38.8
QCV1110-02069-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4962	
30567	Core	0.98	4.2	132	1.2	8.7	161	82.9
30567 Dup		1.03	4.2	131	1.3	9.2	173	88.0
QCV1110-02069-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.91	3.4		2.4	26.3	93	118.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 44**
Client Reference: **Core 44**
Description: **3 ACE**

Date Received: 10/20/2011
Date Completed: 11/03/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	52	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30573	Core	<0.005	0.14	>10	14.8	685	3.12	0.40	0.19	0.17	117.18	17.0	157	5.85	71.9
30574	Core	<0.005	0.18	>10	18.0	696	3.29	0.43	0.27	0.11	116.69	18.6	130	6.42	61.2
30575	Reject	0.008	0.16	4.31	31.4	160	0.91	0.16	0.63	0.04	39.24	10.5	151	1.96	28.5
30576	Pulp	7.547	0.46	3.23	937.5	155	0.77	0.63	>10	3.75	32.12	5.7	96	6.68	37.8
30577	Reject	0.015	0.13	4.84	60.7	201	1.08	0.16	0.62	0.02	28.85	11.4	159	2.38	24.7
30578	Core	0.036	0.18	>10	171.5	627	2.98	0.35	0.41	0.05	51.28	17.6	155	5.86	43.9
30579	Core	<0.005	0.13	5.04	18.6	200	1.19	0.15	0.54	0.13	29.52	10.8	150	2.93	27.6
30580	Core	0.009	0.13	7.85	18.6	441	1.77	0.28	0.97	0.11	48.07	11.4	204	6.61	43.4
30581	Core	<0.005	0.14	6.18	11.8	350	1.61	0.24	1.02	0.07	61.03	10.4	184	3.65	40.9
30582	Core	<0.005	0.15	4.00	8.9	180	0.80	0.18	1.14	0.03	42.35	9.0	199	2.64	35.6
30583	Core	0.007	0.14	9.19	23.5	501	2.73	0.33	0.45	0.05	72.47	14.5	183	6.66	56.8
30584	Core	0.023	0.19	2.90	66.7	123	0.70	0.36	0.98	0.10	25.41	19.3	225	1.81	22.1
32560	Core	0.012	0.13	7.53	20.6	543	1.91	0.25	0.12	0.15	92.91	5.9	189	5.06	39.5
32561	Core	0.024	0.29	>10	31.9	1017	3.16	0.42	0.09	0.26	142.01	11.1	109	8.75	55.1
32562	Core	0.032	0.20	>10	55.7	950	3.27	0.55	0.03	0.18	119.00	20.0	104	11.50	58.3
32563	Core	0.081	0.29	>10	178.6	821	3.07	0.48	0.02	0.21	137.71	24.7	184	10.52	51.2
32564	Core	0.157	0.33	1.88	757.5	96	0.76	0.10	0.07	0.13	38.77	5.8	247	2.63	20.0
32565	Core	0.120	0.24	1.88	1189.7	81	0.77	0.04	0.02	0.12	29.18	2.7	229	3.87	17.0
32566	Core	0.045	0.34	8.73	285.9	514	2.43	0.42	0.07	0.07	93.26	10.0	158	11.58	35.3
32567	Core	0.005	0.13	>10	280.0	768	3.43	0.33	0.20	0.05	160.71	13.1	111	15.09	54.5
32568	Core	<0.005	0.28	>10	195.3	726	3.19	0.42	0.10	0.15	115.76	13.5	115	18.27	57.7
32569	Core	0.111	0.14	2.47	2388.6	125	0.75	0.07	0.16	0.08	38.81	5.7	192	2.25	22.4
32570	Core	0.185	0.16	2.18	1062.2	92	0.66	0.08	0.05	0.12	46.53	3.6	170	1.83	23.0
32571	Core	0.048	0.21	2.35	574.8	107	0.64	0.05	0.18	0.11	44.88	3.2	211	2.36	29.7
32572	Core	0.016	0.14	2.28	205.6	105	0.66	0.06	0.27	0.04	40.70	3.2	182	2.02	18.4
32573	Core	0.021	2.32	2.27	200.1	103	0.41	0.08	0.21	0.03	43.76	3.6	174	1.84	14.2
32574	Core	0.014	0.20	2.26	151.5	110	0.69	0.10	0.20	0.05	37.96	6.1	224	2.69	12.0
32575	Core	0.034	0.15	3.93	265.3	222	1.08	0.09	3.21	0.06	75.47	6.1	180	5.26	19.1
32576	Core	0.012	0.14	2.69	120.9	130	0.71	0.08	0.45	0.07	72.81	5.7	200	2.39	18.0
32577	Core	0.032	0.12	2.59	207.2	132	0.78	0.05	0.10	0.05	50.58	6.5	195	2.48	14.5
32578	Core	0.007	0.14	2.49	146.4	129	0.58	0.05	0.04	0.05	23.40	5.1	194	2.53	15.0
32579	Core	0.059	0.10	2.00	598.6	105	0.50	0.04	0.04	0.02	35.58	7.1	223	4.38	10.3
32580	Core	0.031	0.09	2.44	254.0	115	0.83	0.06	0.05	0.07	13.80	6.8	191	2.58	15.5
32581	Core	0.070	0.12	2.80	342.8	155	0.95	0.05	0.11	0.07	69.61	5.5	183	2.63	12.1
32582	Core	0.119	0.44	>10	122.9	726	3.54	0.36	0.19	0.27	18.41	17.4	171	9.15	34.2
32583	Core	0.048	0.16	8.57	80.0	620	3.05	0.32	1.41	0.08	32.91	13.3	154	8.99	32.6
32584	Core	0.006	0.13	>10	24.2	828	3.38	0.44	0.29	0.07	91.71	19.5	141	9.23	58.8
32585	Core	0.007	0.30	>10	19.8	775	3.67	0.51	0.16	0.11	110.44	21.0	153	8.11	60.5
32586	Core	0.131	0.41	>10	53.1	755	3.24	0.33	0.15	0.14	99.82	19.3	204	9.88	46.5
32587	Core	0.018	0.27	>10	24.3	746	2.92	0.49	0.16	0.07	58.40	21.0	136	10.74	56.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32588	Core	<0.005	0.13	>10	13.6	819	2.88	0.45	0.15	0.03	99.49	19.1	120	7.57	53.9
32589	Core	<0.005	0.22	>10	13.3	780	3.42	0.42	0.12	0.04	107.67	18.5	105	7.26	49.7
32590	Core	<0.005	0.27	>10	15.2	774	3.30	0.43	0.10	0.06	96.04	19.4	109	7.17	52.1
32591	Core	<0.005	0.36	>10	18.1	779	3.03	0.43	0.21	0.09	62.91	20.2	111	7.24	49.2
32592	Core	<0.005	0.14	>10	12.4	728	3.21	0.42	0.11	0.05	70.16	17.9	110	7.36	53.0
32593	Core	0.006	0.14	>10	22.6	725	3.30	0.43	0.19	0.09	119.36	18.8	137	7.32	50.4
32594	Reject	0.013	0.14	>10	61.9	815	3.88	0.47	0.18	0.09	72.94	20.4	155	8.41	58.2
32595	Reject	0.013	0.17	>10	65.6	769	3.72	0.46	0.16	0.09	82.11	19.6	161	7.81	54.8
32596	Core	<0.005	0.10	0.07	2.8	16	0.08	0.03	>10	0.04	<0.01	1.1	11	0.18	6.7
32597	Core	0.052	0.12	3.25	339.4	135	0.85	0.08	0.13	0.09	40.55	7.2	183	1.81	17.7
32598	Core	0.005	0.10	2.59	80.7	95	0.46	0.05	0.07	0.07	13.65	5.2	229	1.40	17.6
32599	Core	<0.005	0.15	1.80	40.3	62	0.32	0.06	0.08	0.10	17.34	4.2	179	1.07	10.4
32600	Core	<0.005	0.10	2.34	95.9	82	0.43	0.07	0.11	0.22	23.49	4.8	186	1.44	8.4
32601	Core	<0.005	0.07	3.67	69.0	175	0.80	0.08	0.09	0.19	53.42	5.0	210	2.12	11.2
32602	Core	<0.005	0.09	4.67	98.6	251	1.06	0.14	0.14	0.37	48.21	10.8	197	3.41	21.9
32603	Core	<0.005	0.29	2.69	55.1	120	0.47	0.07	0.05	0.30	31.00	5.9	203	1.84	9.5
32604	Core	<0.005	0.14	2.16	109.1	92	0.51	0.06	0.05	0.50	21.15	4.6	213	1.50	7.7

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Vol 9-62

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30573	Core	4.80	25.97	1.07	3.1	0.09	3.71	37.1	59.5	1.00	446	0.48	0.24	2.0	48.4
30574	Core	4.71	27.07	1.04	3.5	0.08	3.80	36.1	53.0	0.85	518	0.42	0.26	2.3	46.8
30575	Reject	3.29	9.34	1.01	2.0	0.03	0.81	12.5	28.6	0.45	1111	0.33	0.06	0.9	26.7
30576	Pulp	1.31	6.09	0.31	2.0	0.06	1.31	17.5	8.7	0.75	272	10.41	<0.01	6.8	63.2
30577	Reject	3.83	10.78	1.11	2.2	0.03	1.01	10.7	29.3	0.48	1160	0.41	0.07	1.0	28.8
30578	Core	3.83	25.43	1.14	3.9	0.07	3.45	21.0	35.2	0.63	519	0.40	0.23	2.2	38.7
30579	Core	3.61	11.34	1.03	2.2	0.04	1.02	13.7	41.6	0.51	1118	0.39	0.08	0.9	27.0
30580	Core	3.51	16.31	0.99	2.0	0.05	2.34	19.9	65.5	0.66	876	0.46	0.17	1.2	26.8
30581	Core	3.04	13.44	0.91	1.8	0.04	1.84	23.8	38.4	0.77	980	0.44	0.23	1.4	24.6
30582	Core	2.89	8.86	0.88	1.6	0.03	0.91	18.0	36.4	0.70	1100	0.52	0.32	1.1	18.4
30583	Core	4.72	19.55	1.08	2.6	0.06	2.66	30.0	63.6	0.94	598	0.47	0.22	1.6	40.6
30584	Core	3.37	6.65	0.94	1.1	0.02	0.64	15.6	29.9	0.66	808	0.59	0.13	0.9	26.0
32560	Core	3.90	16.34	1.18	2.1	0.05	2.29	32.3	39.1	0.57	398	0.67	0.35	1.9	24.9
32561	Core	4.62	27.85	1.26	2.8	0.09	4.49	45.6	36.9	0.64	241	0.62	0.30	2.5	38.0
32562	Core	5.05	26.11	1.10	2.6	0.08	4.36	43.0	107.7	0.23	462	0.66	0.28	2.3	42.5
32563	Core	4.22	22.89	1.29	2.8	0.08	4.06	41.2	30.5	0.28	476	0.63	0.22	2.8	46.6
32564	Core	1.32	4.18	1.55	0.9	0.02	0.44	9.6	12.1	0.05	258	0.66	0.03	0.7	14.3
32565	Core	1.07	4.36	1.87	1.0	0.02	0.43	10.8	62.9	0.05	126	0.56	0.03	0.7	8.2
32566	Core	4.17	19.65	1.21	2.8	0.06	2.70	31.2	57.5	0.50	419	0.48	0.19	1.9	33.1
32567	Core	4.87	27.44	1.21	3.2	0.09	4.12	55.3	50.2	0.43	386	0.40	0.33	2.3	43.2
32568	Core	5.26	25.58	1.13	5.0	0.09	3.68	43.0	87.4	0.36	821	0.43	0.29	3.5	48.0
32569	Core	1.18	6.40	1.27	1.6	0.02	0.79	13.3	7.5	0.10	301	0.47	0.04	0.8	9.6
32570	Core	1.02	5.60	1.36	1.6	0.02	0.59	14.4	5.6	0.09	195	0.52	0.20	0.8	9.1
32571	Core	0.93	5.92	1.29	1.4	0.04	0.63	15.4	13.2	0.12	217	0.84	0.29	0.7	8.4
32572	Core	0.90	5.21	0.99	1.6	0.02	0.55	13.3	20.8	0.16	160	0.57	0.44	0.8	7.9
32573	Core	0.86	5.14	0.78	1.5	0.01	0.54	12.9	19.6	0.12	175	0.58	0.35	0.9	9.0
32574	Core	1.18	5.28	0.81	1.5	0.01	0.58	10.3	18.0	0.05	506	0.85	0.06	0.9	12.4
32575	Core	1.56	9.67	0.88	1.8	0.03	1.19	18.7	24.6	0.09	364	0.51	0.07	1.2	13.3
32576	Core	1.32	6.29	0.84	2.1	0.02	0.66	18.8	15.8	0.16	332	0.40	0.04	1.1	11.7
32577	Core	1.28	6.31	0.91	1.5	0.02	0.72	14.6	25.5	0.06	299	0.49	0.05	1.0	12.9
32578	Core	1.09	5.93	0.83	1.4	0.02	0.72	12.8	18.1	0.05	220	0.50	0.04	1.0	10.8
32579	Core	1.04	4.61	1.04	1.2	0.02	0.58	10.3	19.3	0.05	278	0.57	0.03	0.9	11.5
32580	Core	1.18	5.61	0.98	1.5	0.03	0.64	13.3	20.4	0.06	280	0.43	0.03	0.8	12.7
32581	Core	1.30	6.88	0.97	1.9	0.02	0.89	16.8	11.8	0.08	690	0.53	0.04	1.1	13.4
32582	Core	3.59	22.44	1.19	2.5	0.08	3.64	10.4	60.8	0.41	588	0.69	0.24	1.7	35.3
32583	Core	3.85	18.14	1.02	1.9	0.06	2.71	11.3	54.7	1.00	1320	0.58	0.26	1.0	31.6
32584	Core	5.71	27.93	1.30	2.9	0.09	3.61	27.8	92.5	1.29	791	0.47	0.50	1.8	52.2
32585	Core	6.08	27.50	1.38	3.3	0.08	3.47	34.4	89.3	1.30	759	0.42	0.52	3.7	51.7
32586	Core	4.89	26.71	1.27	3.1	0.08	3.52	33.9	91.2	1.13	741	0.56	0.48	2.6	45.7
32587	Core	4.99	25.47	1.20	2.9	0.08	3.10	23.6	93.5	1.09	614	0.39	0.52	1.6	49.0

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32588	Core	5.47	27.24	1.07	2.9	0.08	3.35	38.1	100.7	1.17	658	0.34	0.53	1.8	48.3
32589	Core	5.45	25.77	1.14	3.2	0.08	3.33	38.0	98.8	1.19	606	0.41	0.52	3.3	46.4
32590	Core	5.41	26.03	1.20	3.0	0.07	3.68	34.6	94.1	1.19	621	0.34	1.43	2.6	48.2
32591	Core	5.22	25.99	1.15	2.7	0.08	3.67	19.8	82.3	1.13	541	0.42	0.47	2.1	45.5
32592	Core	5.16	25.84	1.04	2.9	0.08	3.53	27.9	83.9	1.06	499	0.35	0.41	2.7	44.7
32593	Core	4.56	24.68	1.04	3.0	0.09	3.56	45.0	55.9	0.59	553	0.41	0.32	2.4	45.6
32594	Reject	5.53	28.16	0.91	3.3	0.08	4.18	20.1	42.6	0.62	678	0.55	0.30	2.1	42.7
32595	Reject	5.66	26.73	0.94	3.3	0.08	4.15	26.8	41.0	0.65	685	0.58	0.30	2.0	46.4
32596	Core	0.52	0.27	<0.05	<0.1	<0.01	0.03	0.6	1.2	>10	224	0.06	<0.01	0.2	4.0
32597	Core	2.26	7.09	0.96	1.7	0.02	0.69	13.7	25.7	0.11	934	0.44	0.05	0.8	12.1
32598	Core	1.17	5.48	0.82	1.4	0.02	0.49	12.0	12.9	0.08	388	0.45	0.05	0.7	9.8
32599	Core	1.01	3.80	0.89	0.9	0.01	0.28	9.3	18.5	0.07	365	0.79	0.04	0.7	24.0
32600	Core	1.25	4.79	0.70	1.4	0.01	0.38	13.2	21.2	0.10	363	0.49	0.05	0.8	11.4
32601	Core	1.47	7.88	0.66	1.8	0.01	0.90	16.4	22.7	0.14	316	0.48	0.09	0.9	11.6
32602	Core	3.62	10.79	0.69	1.9	0.03	1.18	17.9	13.0	0.24	584	0.44	0.08	1.0	25.9
32603	Core	1.69	5.66	0.68	1.2	0.03	0.57	11.3	12.2	0.08	407	0.45	0.05	0.7	10.7
32604	Core	1.17	4.40	0.70	1.2	0.02	0.38	10.7	15.4	0.06	512	0.44	0.03	0.6	8.8

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Buchanan et al., 2011

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30573	Core	414	20.4	202.6	0.003	0.088	1.27	16.1	3.6	2.6	64.4	0.24	0.53	15.9	0.101
30574	Core	569	20.1	201.9	<0.002	1.207	1.56	16.5	3.6	2.8	69.4	0.26	0.56	16.2	0.103
30575	Reject	10	27.7	46.5	<0.002	0.793	0.80	5.5	3.9	1.5	24.2	0.08	0.48	9.0	0.041
30576	Pulp	4650	6.6	109.6	0.042	1.189	18.89	5.5	10.6	1.7	122.9	0.42	0.89	5.4	0.190
30577	Reject	31	22.0	57.8	0.004	0.775	0.94	6.6	3.4	1.1	25.8	0.09	0.46	10.2	0.048
30578	Core	475	18.6	184.4	0.002	0.614	1.89	15.0	4.3	2.7	64.1	0.22	0.51	16.6	0.106
30579	Core	98	20.2	59.3	<0.002	0.134	0.66	6.4	3.4	1.4	35.5	0.08	0.51	10.1	0.045
30580	Core	394	28.4	116.7	<0.002	0.100	0.92	9.9	3.2	1.9	104.0	0.12	0.47	11.7	0.070
30581	Core	194	18.2	95.1	0.003	0.342	0.84	7.9	3.4	2.0	58.2	0.13	0.48	10.3	0.057
30582	Core	108	88.4	48.1	<0.002	0.824	0.75	5.0	4.2	1.7	49.9	0.09	0.52	8.3	0.039
30583	Core	346	22.6	139.2	<0.002	1.179	1.15	12.3	3.7	2.9	64.1	0.16	0.43	13.6	0.072
30584	Core	897	32.2	35.7	0.003	1.612	1.90	3.5	4.3	1.1	37.6	0.08	0.51	6.3	0.034
32560	Core	148	17.1	124.9	0.002	0.302	3.49	9.7	3.3	1.8	49.0	0.17	0.51	11.6	0.077
32561	Core	461	24.0	233.8	<0.002	0.080	5.51	16.1	4.4	2.7	70.2	0.27	0.55	14.8	0.115
32562	Core	268	20.7	242.0	0.002	0.026	6.13	15.5	4.2	2.6	60.9	0.25	0.56	13.7	0.113
32563	Core	289	30.0	221.6	<0.002	0.227	5.57	14.5	4.1	2.5	49.2	0.26	0.58	13.4	0.117
32564	Core	211	24.7	28.5	<0.002	0.531	2.17	2.4	4.2	1.5	18.8	0.06	0.48	5.3	0.020
32565	Core	22	6.2	31.0	<0.002	0.459	2.22	2.3	4.1	1.9	16.4	0.05	0.41	5.4	0.019
32566	Core	250	33.5	160.6	<0.002	0.921	1.62	11.9	3.7	3.9	50.2	0.19	0.52	13.3	0.081
32567	Core	1055	16.8	223.7	<0.002	0.062	1.00	16.7	3.8	2.6	74.0	0.25	0.55	17.5	0.104
32568	Core	397	33.9	218.5	0.004	0.042	1.32	16.1	3.5	2.6	65.9	0.56	0.53	17.3	0.095
32569	Core	26	12.6	47.4	<0.002	0.229	3.26	2.6	3.4	3.1	21.2	0.09	0.52	7.3	0.024
32570	Core	<10	19.6	37.1	0.004	0.375	2.28	2.0	3.4	1.7	20.1	0.08	0.51	7.4	0.024
32571	Core	<10	11.8	38.8	0.003	0.453	1.66	2.2	3.7	1.9	24.0	0.08	0.48	7.6	0.024
32572	Core	<10	12.5	33.2	0.002	0.360	0.91	1.9	3.7	1.4	33.6	0.08	0.49	6.9	0.023
32573	Core	40	14.3	32.4	<0.002	0.293	0.77	1.8	4.2	0.9	21.4	0.09	0.50	6.9	0.024
32574	Core	46	13.0	35.1	0.002	0.289	0.76	1.8	3.5	0.8	15.5	0.09	0.47	6.6	0.021
32575	Core	>10000	10.8	71.7	0.006	0.086	0.97	4.6	4.2	1.3	157.9	0.11	0.49	8.6	0.041
32576	Core	<10	38.0	42.4	0.004	0.121	0.81	3.0	3.5	1.2	21.4	0.11	0.44	10.2	0.033
32577	Core	<10	8.4	44.2	<0.002	0.180	0.86	2.8	4.1	1.1	13.7	0.08	0.48	7.1	0.030
32578	Core	<10	8.7	44.6	0.003	0.248	0.75	2.4	4.2	1.2	12.3	0.09	0.46	6.4	0.030
32579	Core	<10	6.9	36.6	<0.002	0.325	1.48	2.0	4.3	3.9	12.4	0.08	0.48	5.6	0.026
32580	Core	<10	5.8	41.0	<0.002	0.082	1.03	2.6	4.1	1.5	13.7	0.07	0.44	7.5	0.025
32581	Core	79	7.8	57.2	<0.002	0.219	1.15	2.8	3.8	3.7	15.8	0.24	0.42	9.5	0.037
32582	Core	63	42.9	210.2	0.003	1.981	5.46	14.0	4.7	4.5	69.1	0.20	0.65	12.1	0.073
32583	Core	58	18.2	156.0	0.003	0.465	3.17	11.2	3.9	2.0	117.9	0.12	0.53	9.7	0.044
32584	Core	1244	27.8	198.8	<0.002	0.109	1.13	17.1	3.6	2.6	150.5	0.25	0.50	14.0	0.073
32585	Core	482	28.5	184.2	0.005	0.305	0.94	16.1	4.4	2.6	150.1	0.36	0.61	14.3	0.131
32586	Core	454	21.2	190.8	0.004	0.430	1.04	16.0	4.6	2.8	142.7	0.27	0.48	14.5	0.096
32587	Core	504	28.1	174.9	<0.002	0.236	1.08	15.4	4.2	2.5	154.7	0.20	0.55	12.4	0.068

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32588	Core	634	34.4	189.0	<0.002	0.099	0.98	16.2	4.1	2.9	163.6	0.23	0.48	15.8	0.077
32589	Core	452	30.1	184.0	0.003	0.135	1.09	15.2	4.3	2.7	151.4	0.33	0.56	15.8	0.115
32590	Core	459	30.4	178.5	0.003	0.133	1.16	14.9	3.3	2.6	133.6	0.26	0.52	15.4	0.101
32591	Core	934	34.2	192.3	0.002	0.178	1.23	14.9	3.8	2.4	139.4	0.23	0.45	13.3	0.088
32592	Core	336	27.8	179.2	<0.002	0.096	0.81	14.7	4.2	2.5	120.2	0.29	0.53	14.3	0.107
32593	Core	560	32.3	193.6	0.003	0.100	1.10	14.8	4.7	2.5	119.0	0.31	0.55	16.8	0.102
32594	Reject	379	33.3	226.9	<0.002	0.237	1.70	16.2	4.2	3.0	100.2	0.26	0.51	16.6	0.097
32595	Reject	295	34.3	216.6	0.003	0.215	1.62	15.9	3.8	2.8	95.2	0.23	0.55	17.1	0.096
32596	Core	79	2.8	1.0	<0.002	<0.01	0.05	0.4	4.1	<0.2	38.6	0.21	0.43	0.2	<0.005
32597	Core	<10	14.3	40.5	<0.002	0.048	0.94	2.8	3.6	1.4	16.8	0.08	0.42	8.2	0.027
32598	Core	<10	9.4	28.9	<0.002	<0.01	0.52	2.2	3.9	1.3	10.6	0.07	0.43	7.0	0.020
32599	Core	<10	12.4	16.6	<0.002	<0.01	0.34	1.6	3.9	0.6	10.9	0.06	0.45	4.5	0.018
32600	Core	<10	12.3	20.8	0.002	<0.01	0.41	1.9	4.6	0.6	17.1	0.09	0.46	7.0	0.023
32601	Core	<10	14.4	46.5	0.002	0.011	0.38	3.3	4.3	0.8	27.0	0.08	0.47	8.5	0.029
32602	Core	73	22.0	65.8	<0.002	0.031	0.62	5.5	3.3	1.1	25.9	0.09	0.51	9.6	0.036
32603	Core	<10	17.0	31.4	<0.002	<0.01	0.39	2.6	3.6	0.7	14.0	0.06	0.45	5.5	0.021
32604	Core	<10	20.4	21.7	<0.002	0.024	0.48	2.0	3.6	0.6	19.4	0.06	0.42	6.9	0.019

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30573	Core	0.98	4.4	145	0.4	8.3	144	90.4
30574	Core	1.00	4.5	147	0.6	9.2	133	98.2
30575	Reject	0.26	1.6	54	0.4	5.5	61	58.0
30576	Pulp	11.68	7.8	420	32.7	24.8	274	65.0
30577	Reject	0.45	2.0	65	0.5	6.0	75	65.5
30578	Core	1.00	4.6	133	0.9	9.3	94	110.8
30579	Core	0.34	2.1	67	0.5	6.0	85	66.1
30580	Core	0.62	2.9	93	0.9	6.0	86	55.1
30581	Core	0.52	2.5	76	0.4	5.2	68	49.3
30582	Core	0.30	1.7	55	0.3	4.6	53	45.0
30583	Core	0.73	3.5	114	0.4	7.0	106	77.4
30584	Core	0.21	1.7	40	0.4	5.5	62	33.3
32560	Core	0.68	2.4	86	0.9	4.5	72	58.2
32561	Core	1.23	3.8	138	1.9	5.6	108	78.2
32562	Core	1.21	3.8	127	2.1	5.9	133	76.1
32563	Core	1.21	3.8	113	4.5	6.9	136	75.5
32564	Core	0.18	1.1	18	1.9	3.3	39	27.5
32565	Core	0.21	1.0	19	1.9	2.7	15	28.6
32566	Core	0.86	3.2	97	2.0	7.0	75	75.0
32567	Core	1.20	4.3	135	1.1	9.9	124	87.5
32568	Core	1.16	4.0	121	1.7	9.4	136	90.7
32569	Core	0.24	1.2	24	2.1	4.1	25	43.9
32570	Core	0.21	1.2	22	2.1	3.4	24	43.1
32571	Core	0.24	1.1	24	12.9	3.9	25	44.1
32572	Core	0.18	1.0	22	1.3	3.3	14	40.6
32573	Core	0.20	1.1	20	1.3	3.3	16	40.0
32574	Core	0.19	1.5	17	4.0	4.1	37	41.0
32575	Core	0.39	2.5	39	4.5	26.8	39	56.7
32576	Core	0.23	1.4	30	2.1	4.8	28	59.9
32577	Core	0.25	1.2	25	3.6	4.1	35	46.8
32578	Core	0.26	1.2	24	27.2	3.4	30	41.9
32579	Core	0.20	1.3	19	3.0	3.4	34	42.6
32580	Core	0.19	1.2	23	2.2	3.8	37	45.5
32581	Core	0.33	1.4	28	2.7	5.3	21	53.1
32582	Core	1.09	2.8	114	3.2	5.3	56	63.7
32583	Core	0.83	2.3	99	2.2	4.8	86	53.5
32584	Core	1.03	3.9	154	1.7	7.7	127	75.5
32585	Core	0.97	4.4	160	1.7	7.3	134	92.1
32586	Core	0.97	4.3	147	2.8	7.0	104	85.3
32587	Core	0.90	4.2	142	1.6	6.8	122	76.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32588	Core	0.97	4.4	154	0.8	7.8	122	81.4
32589	Core	0.93	4.6	151	1.0	7.8	127	87.4
32590	Core	0.96	4.2	145	0.8	7.0	127	84.0
32591	Core	0.98	3.9	147	0.8	7.4	126	77.1
32592	Core	0.92	3.7	146	1.2	6.8	121	80.4
32593	Core	0.97	4.2	135	1.6	8.1	127	82.9
32594	Reject	1.16	4.3	148	3.1	7.9	117	91.9
32595	Reject	1.10	4.4	148	3.1	8.0	119	96.2
32596	Core	0.02	0.4	291	0.2	0.7	16	0.5
32597	Core	0.22	1.3	31	3.7	4.2	47	47.0
32598	Core	0.17	0.9	23	2.3	3.0	28	38.7
32599	Core	0.11	0.7	16	1.7	2.4	23	28.4
32600	Core	0.13	1.1	21	2.8	3.3	42	42.3
32601	Core	0.25	1.3	34	3.1	4.0	44	49.5
32602	Core	0.34	1.8	51	5.3	5.0	88	58.0
32603	Core	0.17	0.9	26	4.3	3.5	45	35.5
32604	Core	0.13	1.0	20	3.2	3.3	43	36.0

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30573	Core		0.14	>10	14.8	685	3.12	0.40	0.19	0.17	117.18	17.0	157	5.85	71.9
30573 Dup			0.15	>10	14.4	678	3.16	0.40	0.18	0.12	112.48	16.3	136	5.71	63.8
QCV1110-02078-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			48.43	7.22					0.82						4043.7
32566	Core		0.34	8.73	285.9	514	2.43	0.42	0.07	0.07	93.26	10.0	158	11.58	35.3
32566 Dup			0.22	8.66	297.8	503	2.54	0.42	0.07	0.05	81.04	10.3	172	11.03	35.6
QCV1110-02078-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			50.08	7.52					0.79						4267.6
32584	Core		0.13	>10	24.2	828	3.38	0.44	0.29	0.07	91.71	19.5	141	9.23	58.8
32584 Dup			0.15	>10	25.6	849	3.57	0.42	0.29	0.05	79.86	19.4	145	9.29	59.6
QCV1110-02078-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			31.26	7.64					6.63						6350.6
32602	Core		0.09	4.67	98.6	251	1.06	0.14	0.14	0.37	48.21	10.8	197	3.41	21.9
32602 Dup			0.11	4.97	98.6	252	1.00	0.15	0.14	0.36	54.91	10.6	209	3.42	21.4
QCV1110-02078-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.75	8.16		412	2.88	2.32	0.54	0.04		16.5		6.87	2258.2
30573	Core	<0.005													
30573 Dup		<0.005													
32566	Core	0.045													
32566 Dup		0.045													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.987													
QCV1110-02079-0004-BLK		<0.005													
32584	Core	0.006													
32584 Dup		0.006													
32602	Core	<0.005													
32602 Dup		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.404													
QCV1110-02079-0008-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.411													

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30573	Core	4.80	25.97	1.07	3.1	0.09	3.71	37.1	59.5	1.00	446	0.48	0.24	2.0	48.4
30573 Dup		4.59	25.64	1.15	3.3	0.08	3.84	37.6	56.2	1.00	433	0.45	0.25	2.3	48.0
QCV1110-02078-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		4.73					4.22			0.88			1.25		
32566	Core	4.17	19.65	1.21	2.8	0.06	2.70	31.2	57.5	0.50	419	0.48	0.19	1.9	33.1
32566 Dup		4.21	19.46	1.22	2.8	0.05	2.63	27.6	57.2	0.49	431	0.47	0.19	2.2	33.4
QCV1110-02078-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		4.71					4.49			0.90			1.31		
32584	Core	5.71	27.93	1.30	2.9	0.09	3.61	27.8	92.5	1.29	791	0.47	0.50	1.8	52.2
32584 Dup		5.68	27.93	1.24	2.8	0.09	3.58	28.9	90.6	1.27	808	0.48	0.49	1.8	50.8
QCV1110-02078-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected		10.20					1.00			2.35			0.89		
STD-CDN-ME-16 result		9.26					1.00			2.41			0.81		
32602	Core	3.62	10.79	0.69	1.9	0.03	1.18	17.9	13.0	0.24	584	0.44	0.08	1.0	25.9
32602 Dup		3.67	10.46	0.63	2.0	0.03	1.28	18.1	13.0	0.26	591	0.45	0.05	1.2	25.6
QCV1110-02078-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.45	17.97		4.0	0.36	2.89	44.7	27.1	1.63		0.46	0.51	14.1	38.2

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30573	Core	414	20.4	202.6	0.003	0.088	1.27	16.1	3.6	2.6	64.4	0.24	0.53	15.9	0.101
30573 Dup		414	19.6	198.0	<0.002	0.225	1.20	15.7	4.2	2.7	63.4	0.26	0.55	16.1	0.098
QCV1110-02078-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2205.1			3.119									0.199
32566	Core	250	33.5	160.6	<0.002	0.921	1.62	11.9	3.7	3.9	50.2	0.19	0.52	13.3	0.081
32566 Dup		238	35.0	160.3	<0.002	0.600	1.65	11.8	3.3	3.9	50.3	0.20	0.47	12.8	0.089
QCV1110-02078-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2195.2			2.330									0.203
32584	Core	1244	27.8	198.8	<0.002	0.109	1.13	17.1	3.6	2.6	150.5	0.25	0.50	14.0	0.073
32584 Dup		1264	27.7	194.9	<0.002	0.110	1.17	16.5	4.7	2.6	147.7	0.26	0.48	14.1	0.075
QCV1110-02078-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0			6.500									
STD-CDN-ME-16 result			8604.2			5.695									0.182
32602	Core	73	22.0	65.8	<0.002	0.031	0.62	5.5	3.3	1.1	25.9	0.09	0.51	9.6	0.036
32602 Dup		182	23.1	65.0	<0.002	0.034	0.63	5.5	2.6	1.1	26.3	0.11	0.42	9.9	0.041
QCV1110-02078-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		657	10.4	201.4	0.004	0.228	1.20	12.3	6.4	10.2	32.2	1.09	0.46	17.0	0.327

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30573	Core	0.98	4.4	145	0.4	8.3	144	90.4
30573 Dup		0.99	4.3	142	0.5	8.1	136	89.9
QCV1110-02078-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2635	
32566	Core	0.86	3.2	97	2.0	7.0	75	75.0
32566 Dup		0.88	3.1	98	2.1	7.1	75	78.1
QCV1110-02078-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2621	
32584	Core	1.03	3.9	154	1.7	7.7	127	75.5
32584 Dup		1.02	3.7	154	1.7	7.5	131	73.6
QCV1110-02078-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							8024	
32602	Core	0.34	1.8	51	5.3	5.0	88	58.0
32602 Dup		0.34	1.8	52	5.3	5.3	90	58.9
QCV1110-02078-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.90	3.3		2.5	25.8	90	118.4

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 45**
Description: **3 ACE**

Date Received: 10/21/2011
Date Completed: 11/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	33	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30702	Core	0.016	0.55	4.95	93.4	296	1.18	0.32	0.05	3.12	22.95	5.4	150	2.34	20.9
30703	Core	0.029	0.46	2.80	139.8	113	0.75	0.28	0.05	1.12	19.30	3.7	151	1.30	10.1
30704	Core	0.047	0.34	2.66	395.8	104	0.60	0.27	0.03	1.65	16.29	4.0	151	1.27	12.2
30705	Core	0.008	0.31	3.37	47.4	178	0.89	0.30	0.03	1.45	29.31	3.2	129	1.64	11.8
30706	Core	0.007	0.29	2.57	23.7	104	0.47	0.32	0.04	1.13	27.19	3.7	150	1.06	9.5
30707	Core	0.008	0.33	2.53	13.5	106	0.58	0.32	0.05	1.66	19.01	3.8	162	1.21	9.8
30708	Core	0.009	3.17	2.24	20.5	77	0.45	0.39	0.10	0.51	15.80	4.0	170	0.93	9.7
30709	Core	0.019	0.58	8.82	39.9	586	2.48	0.67	0.11	2.07	48.49	13.7	175	3.67	48.9
30710	Core	0.009	0.25	4.29	10.9	234	1.06	0.47	0.13	0.31	26.92	6.7	136	1.68	18.2
30711	Core	0.010	0.26	4.57	18.1	240	1.20	0.34	0.12	0.48	27.74	8.0	122	1.86	23.7
30712	Core	0.006	0.23	2.90	12.9	103	0.63	0.27	0.09	0.25	15.73	5.3	124	0.94	13.4
30713	Core	0.011	0.30	2.29	15.4	91	0.40	0.23	0.04	0.46	17.62	3.5	120	0.81	9.8
30714	Core	0.012	1.97	1.99	31.3	82	0.45	0.20	0.04	7.19	17.76	3.0	135	0.82	10.1
30715	Core	0.010	0.43	2.65	33.5	138	0.71	0.18	0.10	1.51	20.69	4.1	133	1.09	11.6
30716	Core	0.012	0.41	2.04	68.3	106	0.58	0.18	0.03	0.94	16.18	4.0	132	2.27	10.1
30717	Core	0.016	0.30	2.36	50.2	100	0.47	0.18	0.04	0.66	16.85	4.3	145	0.82	11.2
30718	Core	0.019	0.19	2.86	19.6	132	0.77	0.17	0.04	0.13	35.14	4.3	89	1.39	11.9
30719	Reject	0.011	0.91	3.11	12.4	154	0.62	0.20	0.05	0.12	34.71	5.1	106	1.24	13.8
30720	Reject	0.010	0.30	3.00	16.9	141	0.71	0.20	0.05	0.12	34.15	4.7	81	1.22	15.5
30721	Core	0.009	0.38	0.08	0.9	20	0.09	0.20	>10	0.12	1.32	1.1	10	0.30	4.8
30722	Core	0.009	0.29	3.02	8.7	118	0.43	0.24	0.06	0.06	34.26	4.0	79	1.08	12.2
30723	Core	0.009	0.19	2.50	6.1	91	0.42	0.21	0.05	0.06	27.33	3.3	84	0.89	8.4
30724	Core	0.011	0.15	2.52	6.6	95	0.62	0.22	0.07	0.07	25.90	3.9	165	0.92	8.1
30725	Core	0.010	0.35	2.57	6.9	106	0.43	0.22	0.06	0.10	23.42	4.2	147	1.03	15.6
30726	Core	0.010	0.21	2.48	11.6	94	0.43	0.21	0.05	0.12	25.49	3.7	137	1.12	13.5
30727	Core	0.026	0.15	2.53	285.5	95	0.35	0.21	0.05	0.08	29.79	4.0	105	1.08	14.2
30728	Core	0.023	0.17	2.70	116.0	117	0.72	0.21	0.04	0.12	31.74	4.0	114	1.20	16.7
30729	Core	0.021	0.19	4.37	50.5	217	1.23	0.27	0.14	0.45	23.03	8.2	170	3.57	17.6
30730	Core	0.010	0.26	6.87	14.5	414	2.12	0.37	0.16	0.26	46.69	13.3	143	3.02	45.3
30731	Core	0.008	0.32	>10	15.5	930	3.72	0.65	0.15	0.17	113.91	15.6	127	6.72	74.2
30732	Core	0.008	0.43	6.38	8.5	369	1.93	0.30	0.21	0.12	42.64	9.7	142	2.81	38.4
30733	Core	0.010	0.30	>10	12.3	650	2.68	0.43	0.21	0.09	70.70	15.2	143	4.94	62.8
30734	Core	0.009	0.38	>10	26.0	863	3.37	0.69	0.20	0.10	102.16	19.7	119	7.23	80.9
30735	Core	0.011	0.26	>10	31.5	779	4.05	0.57	0.27	0.08	83.51	23.3	128	8.39	60.7
30736	Core	0.010	0.63	3.10	15.6	93	0.71	0.21	0.09	0.07	28.64	6.8	175	1.90	14.5

3Ace Property, Northern Tiger Resources Inc. Vol 9-73 Buchanan et al., 2011

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11-360-08073-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30702	Core	1.27	15.13	1.10	2.7	0.12	1.59	11.2	11.0	0.13	345	0.53	0.10	2.8	10.5
30703	Core	1.08	7.46	1.22	1.3	0.09	0.60	9.0	8.9	0.08	271	0.46	0.04	1.1	9.6
30704	Core	1.01	7.12	1.17	1.4	0.09	0.58	7.8	14.8	0.05	131	0.41	0.04	1.1	10.5
30705	Core	1.06	10.46	0.99	1.6	0.07	0.88	14.2	7.8	0.06	131	0.54	0.06	1.3	7.2
30706	Core	0.81	7.32	1.03	1.2	0.08	0.52	12.5	12.0	0.06	262	0.51	0.04	0.9	8.9
30707	Core	0.88	7.56	1.24	1.2	0.08	0.59	9.1	9.0	0.07	204	0.59	0.04	1.2	9.0
30708	Core	1.02	5.99	1.17	1.1	0.06	0.37	7.4	10.8	0.06	448	0.47	0.03	0.9	9.2
30709	Core	2.10	28.32	1.29	2.7	0.11	2.76	26.0	18.2	0.22	479	0.68	0.15	3.0	24.0
30710	Core	1.71	12.14	1.10	1.6	0.09	1.08	13.2	12.6	0.14	376	0.47	0.07	1.4	13.8
30711	Core	2.40	13.73	1.20	1.4	0.07	1.15	14.3	16.3	0.22	422	0.46	0.07	1.2	18.2
30712	Core	1.73	8.23	1.21	1.2	0.07	0.48	7.9	13.1	0.12	424	0.37	0.03	1.2	11.0
30713	Core	1.10	7.00	1.14	1.4	0.06	0.49	8.2	8.1	0.10	248	0.42	0.03	1.3	7.5
30714	Core	0.92	6.36	1.18	1.3	0.22	0.56	8.8	6.2	0.08	254	0.37	0.03	1.3	6.1
30715	Core	1.16	8.64	1.02	1.6	0.09	0.76	9.4	8.4	0.10	477	0.43	0.04	1.2	8.6
30716	Core	0.96	6.96	1.30	1.3	0.06	0.53	7.5	13.1	0.05	216	0.39	0.03	1.0	7.8
30717	Core	1.20	7.22	1.04	1.4	0.05	0.59	7.6	7.0	0.08	495	0.39	0.03	1.0	7.7
30718	Core	1.24	8.75	0.76	1.5	0.05	0.68	16.1	8.3	0.08	555	0.48	0.04	1.1	8.8
30719	Reject	1.06	9.14	0.87	1.7	0.06	0.71	16.3	9.3	0.08	301	0.60	0.05	1.0	9.4
30720	Reject	1.12	9.16	0.79	1.6	0.05	0.69	15.5	8.9	0.08	314	0.47	0.05	1.0	8.8
30721	Core	0.44	0.59	<0.05	<0.1	0.04	0.02	0.9	1.7	>10	203	0.12	0.01	0.2	1.2
30722	Core	1.12	7.87	0.87	1.5	0.04	0.65	15.5	7.7	0.08	282	0.40	0.05	1.0	6.9
30723	Core	1.22	6.38	0.81	1.2	0.04	0.50	12.0	5.4	0.07	426	0.43	0.04	0.8	6.3
30724	Core	1.28	6.66	0.77	1.2	0.04	0.51	11.6	7.3	0.08	468	0.40	0.04	0.7	6.9
30725	Core	1.47	7.10	0.73	1.1	0.04	0.54	10.6	5.4	0.08	480	0.41	0.04	0.6	8.5
30726	Core	0.96	7.14	0.72	1.2	0.04	0.50	11.6	5.1	0.06	361	0.40	0.03	0.8	8.4
30727	Core	1.36	7.24	0.84	1.4	0.04	0.50	13.7	5.9	0.07	514	0.51	0.03	0.9	8.4
30728	Core	0.85	8.30	0.91	1.5	0.04	0.62	14.3	9.8	0.05	259	0.47	0.04	1.0	8.9
30729	Core	2.66	12.36	1.07	1.3	0.05	1.20	11.8	27.1	0.15	531	0.66	0.08	1.1	14.6
30730	Core	4.51	23.25	1.27	1.6	0.08	2.09	25.6	41.0	0.36	630	0.62	0.14	1.6	37.7
30731	Core	4.55	45.18	1.51	2.9	0.12	5.16	62.2	53.2	0.88	338	0.50	0.29	2.7	46.9
30732	Core	3.48	19.29	1.12	1.4	0.06	1.95	22.6	43.1	0.59	331	0.53	0.11	1.1	27.8
30733	Core	4.58	33.11	1.34	2.0	0.09	3.54	40.5	54.4	0.87	522	0.71	0.21	2.1	44.5
30734	Core	4.82	42.77	1.56	2.8	0.11	4.53	57.2	53.9	0.88	491	0.88	0.27	3.0	52.5
30735	Core	4.92	40.16	1.44	2.6	0.11	3.98	46.3	63.2	0.93	510	0.65	0.25	2.3	49.4
30736	Core	2.51	9.31	0.96	4.1	0.04	0.54	14.1	57.1	0.49	300	0.56	0.04	1.5	19.5

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30702	Core	219	25.6	69.4	0.005	0.142	1.31	9.4	2.9	1.9	39.7	0.28	0.57	14.3	0.036
30703	Core	111	10.2	28.4	0.003	0.241	0.96	6.3	3.0	1.1	17.0	0.10	0.52	6.8	0.021
30704	Core	236	17.9	27.5	0.003	0.353	1.30	6.1	2.9	1.1	33.1	0.09	0.52	8.5	0.018
30705	Core	109	12.7	41.7	0.005	0.189	0.71	6.6	2.9	1.1	29.2	0.14	0.51	9.1	0.028
30706	Core	124	13.0	25.2	0.005	0.043	0.45	5.9	3.2	2.1	24.0	0.07	0.48	7.0	0.023
30707	Core	186	32.1	28.9	0.002	0.294	0.74	5.8	2.8	2.1	22.9	0.08	0.49	6.7	0.024
30708	Core	319	13.9	18.3	0.003	0.178	0.70	5.7	2.6	1.0	34.2	0.09	0.52	6.2	0.014
30709	Core	479	24.9	127.5	0.004	0.232	1.64	14.3	2.6	2.4	219.8	0.24	0.56	15.6	0.073
30710	Core	453	17.9	49.1	0.004	0.065	0.73	8.4	2.9	1.3	101.2	0.12	0.50	8.8	0.032
30711	Core	328	18.6	54.9	0.003	0.067	0.74	8.4	2.8	1.3	73.5	0.10	0.55	7.7	0.032
30712	Core	236	18.8	23.7	<0.002	0.082	0.65	6.2	2.9	1.0	29.7	0.12	0.50	7.0	0.018
30713	Core	156	23.6	21.9	<0.002	0.156	0.63	5.4	3.0	1.2	22.2	0.11	0.52	6.7	0.022
30714	Core	100	613.9	26.6	<0.002	0.224	1.96	5.2	3.1	5.2	16.9	0.10	0.49	6.7	0.025
30715	Core	379	68.3	35.6	0.003	0.097	0.81	5.9	3.2	3.1	23.3	0.11	0.45	9.0	0.024
30716	Core	82	27.9	26.0	0.003	0.461	1.20	5.2	2.9	1.7	19.2	0.08	0.40	6.6	0.020
30717	Core	73	39.6	26.3	<0.002	0.231	0.75	5.3	2.7	2.0	16.0	0.10	0.44	7.0	0.020
30718	Core	69	13.6	32.1	0.003	0.104	0.54	5.7	3.3	1.0	21.3	0.16	0.43	8.4	0.026
30719	Reject	87	12.2	35.2	0.004	0.055	0.52	5.8	2.7	1.0	47.3	0.08	0.39	9.9	0.029
30720	Reject	73	13.6	32.9	<0.002	0.061	0.45	5.6	2.6	1.0	37.8	0.08	0.43	8.9	0.030
30721	Core	169	4.0	1.0	0.003	<0.01	0.11	2.7	2.8	0.3	46.0	<0.05	0.42	0.3	<0.005
30722	Core	89	13.8	29.5	<0.002	0.029	0.35	4.7	2.4	0.8	21.4	0.08	0.35	9.0	0.028
30723	Core	64	10.8	22.1	0.003	0.021	0.31	4.2	2.5	0.6	14.2	0.05	0.41	6.9	0.023
30724	Core	81	11.8	23.1	<0.002	0.024	0.35	4.3	2.3	0.7	17.8	<0.05	0.36	7.6	0.021
30725	Core	139	17.2	24.8	<0.002	0.024	0.70	4.7	2.5	0.7	16.8	<0.05	0.40	6.6	0.017
30726	Core	97	14.8	23.7	0.002	0.068	0.51	4.7	2.6	0.7	16.3	0.06	0.36	7.0	0.022
30727	Core	78	10.2	24.1	0.002	0.113	0.98	4.7	2.4	0.7	13.5	0.08	0.36	8.6	0.023
30728	Core	97	11.3	30.9	<0.002	0.133	0.84	4.8	2.6	0.9	34.0	0.07	0.41	8.8	0.028
30729	Core	391	16.2	54.4	<0.002	0.911	1.21	6.9	2.7	1.1	66.0	0.08	0.39	8.9	0.031
30730	Core	344	31.6	96.5	<0.002	0.248	0.92	11.3	2.5	1.6	70.3	0.13	0.41	11.1	0.046
30731	Core	498	61.5	244.8	0.002	0.111	0.89	20.5	2.6	3.0	91.2	0.33	0.43	20.6	0.094
30732	Core	543	23.0	88.2	0.002	0.055	0.60	10.1	2.2	1.5	48.9	0.09	0.36	9.7	0.038
30733	Core	458	31.5	158.6	0.004	0.078	0.75	15.5	2.3	2.4	77.7	0.21	0.41	14.7	0.074
30734	Core	599	16.0	212.9	<0.002	0.115	1.25	20.3	2.6	2.9	104.9	0.31	0.44	18.6	0.101
30735	Core	855	32.6	186.1	0.003	0.243	2.07	17.9	2.5	2.9	146.3	0.24	0.48	16.4	0.082
30736	Core	205	12.1	28.5	0.005	0.053	0.74	5.8	2.0	1.0	22.6	0.13	0.39	7.1	0.019

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INSPECTORATE
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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-08073-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30702	Core	0.92	2.3	55	1.1	4.8	183	64.6
30703	Core	0.44	1.2	29	0.5	2.9	32	43.0
30704	Core	0.36	1.4	27	0.6	3.4	48	45.5
30705	Core	0.40	1.6	34	0.7	4.1	50	55.0
30706	Core	0.29	1.1	24	0.5	3.1	36	40.1
30707	Core	0.30	1.2	24	0.7	3.3	58	40.4
30708	Core	0.23	1.2	19	1.6	3.2	33	35.3
30709	Core	0.83	3.6	94	2.0	7.9	100	89.6
30710	Core	0.38	1.8	43	1.1	4.3	51	52.1
30711	Core	0.38	1.6	47	1.1	4.0	64	48.7
30712	Core	0.21	1.3	28	0.7	2.9	53	40.8
30713	Core	0.21	1.3	25	0.7	2.6	50	49.8
30714	Core	0.23	1.1	21	0.8	2.5	500	45.1
30715	Core	0.25	1.7	28	0.8	4.1	141	59.4
30716	Core	0.20	1.3	20	0.8	2.7	72	46.0
30717	Core	0.22	1.3	24	0.7	2.8	76	47.8
30718	Core	0.21	1.4	29	0.6	4.2	43	60.1
30719	Reject	0.25	1.5	31	0.8	4.0	33	60.8
30720	Reject	0.22	1.4	30	0.8	3.7	31	56.3
30721	Core	0.05	0.6	287	0.1	0.7	20	0.9
30722	Core	0.19	1.5	30	0.5	3.5	31	54.5
30723	Core	0.17	1.1	23	0.4	2.9	39	43.9
30724	Core	0.16	1.2	25	0.5	3.0	41	44.8
30725	Core	0.17	1.1	24	0.6	2.8	45	42.4
30726	Core	0.18	1.1	23	0.5	3.1	37	44.1
30727	Core	0.19	1.4	25	0.6	3.7	46	54.3
30728	Core	0.22	1.4	27	0.7	4.0	31	57.3
30729	Core	0.33	1.9	45	1.4	4.1	64	51.3
30730	Core	0.53	2.6	73	1.0	5.3	130	59.9
30731	Core	1.27	4.9	159	0.9	8.0	144	97.3
30732	Core	0.53	2.3	74	0.4	4.5	92	50.3
30733	Core	0.88	3.3	120	0.5	5.9	123	68.3
30734	Core	1.17	4.6	146	0.5	8.2	135	92.0
30735	Core	1.06	5.0	138	0.9	8.2	140	88.5
30736	Core	0.20	1.0	37	0.5	2.9	59	37.9

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Certificate of Analysis

11-360-08073-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30702	Core		0.55	4.95	93.4	296	1.18	0.32	0.05	3.12	22.95	5.4	150	2.34	20.9
30702 Dup			0.57	4.95	93.3	296	0.97	0.31	0.05	3.13	25.79	5.8	161	2.40	23.0
QCV1110-02083-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.54												6119.3
30720	Reject		0.30	3.00	16.9	141	0.71	0.20	0.05	0.12	34.15	4.7	81	1.22	15.5
30720 Dup			0.23	3.01	19.6	143	0.70	0.19	0.05	0.09	35.23	4.8	72	1.22	13.8
QCV1110-02083-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.01												1013.1
QCV1110-02083-0007-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.86	8.03	9.1	485	2.85	2.43	0.55	0.06	95.44	16.7		7.47	2380.8
30702	Core	0.016													
30702 Dup		0.015													
30720	Reject	0.010													
30720 Dup		0.009													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.965													

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11-360-08073-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30702	Core	1.27	15.13	1.10	2.7	0.12	1.59	11.2	11.0	0.13	345	0.53	0.10	2.8	10.5
30702 Dup		1.27	15.52	1.19	2.5	0.11	1.58	12.2	11.3	0.13	348	0.48	0.10	2.6	11.0
QCV1110-02083-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30720	Reject	1.12	9.16	0.79	1.6	0.05	0.69	15.5	8.9	0.08	314	0.47	0.05	1.0	8.8
30720 Dup		1.11	9.45	0.84	1.6	0.05	0.69	15.8	9.0	0.08	314	0.50	0.05	1.2	8.4
QCV1110-02083-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-8 expected															
STD-CDN-ME-8 result					1.0										
QCV1110-02083-0007-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.46			4.1	0.38	2.94	47.2	25.8	1.62		0.67	0.52	14.8	39.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30702	Core	219	25.6	69.4	0.005	0.142	1.31	9.4	2.9	1.9	39.7	0.28	0.57	14.3	0.036
30702 Dup		172	24.0	70.8	0.006	0.142	1.01	9.3	2.8	1.6	40.4	0.23	0.55	12.6	0.045
QCV1110-02083-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000								205.1				
30720	Reject	73	13.6	32.9	<0.002	0.061	0.45	5.6	2.6	1.0	37.8	0.08	0.43	8.9	0.030
30720 Dup		74	13.5	34.0	0.005	0.056	0.44	5.6	2.7	1.0	38.3	0.07	0.42	8.8	0.033
QCV1110-02083-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
QCV1110-02083-0007-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		744	12.9	205.4	0.010	0.294	1.22	15.1	4.5	10.9	44.8	1.04	0.33	17.7	0.316

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11-360-08073-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30702	Core	0.92	2.3	55	1.1	4.8	183	64.6
30702 Dup		0.73	2.2	55	1.0	5.3	182	69.0
QCV1110-02083-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5038	
30720	Reject	0.22	1.4	30	0.8	3.7	31	56.3
30720 Dup		0.23	1.3	30	0.7	3.8	31	59.9
QCV1110-02083-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
QCV1110-02083-0007-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.95	3.3		2.7	25.9	91	130.5

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11-360-08074-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 46**
Description: **3 ACE**

Date Received: 10/31/2011
Date Completed: 11/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	32	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-08074-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30737	Core	0.807	0.40	2.86	971.8	141	0.53	0.21	0.03	0.11	24.89	1.2	220	3.00	8.4
30738	Core	0.295	0.24	2.03	1525.6	77	0.33	0.10	0.03	0.12	24.28	2.1	231	2.02	10.0
30739	Core	0.040	0.12	1.89	1234.1	96	0.50	0.10	0.02	0.07	22.13	3.1	251	2.10	13.8
30740	Core	0.036	0.12	2.70	1142.0	151	0.78	0.14	0.02	0.06	34.55	3.2	161	2.22	8.6
30741	Core	0.006	0.13	1.64	218.0	94	0.51	0.12	0.01	0.04	15.73	2.1	147	1.29	11.5
30742	Core	<0.005	0.11	2.84	75.6	126	0.58	0.08	0.02	0.12	36.56	4.4	164	1.76	12.4
30743	Core	0.011	0.09	2.19	167.0	98	0.56	0.09	0.01	0.04	26.56	1.6	171	1.89	6.9
30744	Core	0.007	0.10	2.77	76.0	121	0.57	0.09	0.01	0.03	40.73	1.6	152	1.77	8.5
30745	Core	0.018	0.09	1.81	178.3	71	0.32	0.06	0.02	0.09	21.89	0.9	82	1.55	6.6
30746	Core	0.030	0.08	2.31	250.7	90	0.59	0.08	0.01	0.15	26.76	0.8	101	1.88	6.6
30747	Core	0.010	0.09	2.79	195.3	140	0.61	0.11	0.02	0.16	32.05	1.0	90	1.71	6.5
30748	Core	0.008	0.12	5.37	171.4	268	1.57	0.20	0.03	1.00	59.15	11.9	105	2.70	26.9
30749	Core	0.020	0.17	>10	31.1	715	3.18	0.42	0.13	0.24	121.39	18.4	113	5.50	55.7
30750	Core	0.006	0.15	>10	47.5	845	3.71	0.44	0.13	0.09	147.69	18.6	88	6.42	53.8
30751	Core	0.009	0.16	>10	26.6	835	3.47	0.49	0.14	0.09	134.45	18.8	107	6.50	52.1
30752	Core	0.014	0.17	>10	132.4	997	4.05	0.47	0.15	0.09	151.48	20.6	116	8.16	59.1
30753	Core	0.011	0.17	>10	52.4	975	4.28	0.47	0.13	0.11	166.90	18.3	121	7.66	57.4
30754	Core	0.009	0.21	>10	85.1	806	4.20	0.36	0.10	0.12	109.59	17.5	138	6.60	56.0
30755	Reject	0.022	0.20	>10	901.6	844	3.88	0.25	0.18	1.10	133.39	16.0	160	8.16	44.8
30756	Pulp	8.190	0.46	3.34	863.2	170	0.95	0.57	>10	4.43	33.90	5.6	101	6.83	35.9
30757	Reject	0.024	0.14	9.90	728.2	701	3.23	0.18	0.15	0.36	93.53	11.4	239	6.69	31.5
30758	Core	0.010	0.17	>10	114.7	800	3.21	0.21	0.05	0.65	129.38	14.3	201	6.86	48.4
30759	Core	0.024	0.18	2.20	152.3	110	0.49	0.12	0.02	0.15	30.75	1.7	100	1.48	6.7
30760	Core	0.034	0.09	3.11	78.7	139	0.69	0.08	0.03	1.16	40.48	4.1	94	1.92	10.6
30761	Core	<0.005	0.09	2.73	27.9	125	0.62	0.09	0.03	0.16	39.48	4.5	80	1.71	9.0
30762	Core	<0.005	0.12	3.73	66.9	178	0.87	0.09	0.02	0.52	50.64	4.5	75	2.30	10.7
30763	Core	0.018	0.10	2.88	177.3	163	0.64	0.06	0.02	0.18	36.55	1.6	117	2.32	6.9
30764	Core	0.020	0.10	2.46	128.1	132	0.57	0.08	0.02	0.17	28.19	2.5	168	2.03	9.9
30765	Core	0.284	0.14	2.24	288.9	86	0.60	0.09	0.02	0.19	27.95	2.1	109	1.59	8.0
30766	Core	0.011	0.11	2.40	108.2	84	0.59	0.08	0.04	0.13	26.98	3.5	95	1.79	12.2
30767	Core	0.009	0.17	4.94	58.9	275	1.04	0.20	0.11	0.20	54.08	8.8	120	3.41	23.0
30768	Core	<0.005	0.11	3.24	21.4	187	0.83	0.11	0.07	0.13	43.11	4.6	174	2.37	11.1
30769	Core	<0.005	0.10	2.72	22.4	86	0.41	0.11	0.18	0.05	31.25	5.6	139	1.75	13.2
30770	Core	<0.005	0.18	4.47	53.7	219	1.12	0.18	0.06	0.18	48.00	8.5	166	3.56	19.1
30771	Core	0.005	0.62	9.90	64.6	693	3.04	0.23	0.08	0.20	110.53	8.6	232	6.85	21.9

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-08074-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30737	Core	1.45	5.37	1.57	2.2	0.03	0.64	11.7	9.2	0.05	117	0.68	0.04	0.8	5.1
30738	Core	2.76	3.56	1.41	1.3	0.03	0.38	10.2	6.5	0.03	42	0.77	0.02	0.6	5.5
30739	Core	1.83	4.06	1.38	1.2	0.03	0.48	9.4	10.7	0.04	48	0.67	0.03	0.6	7.5
30740	Core	1.68	5.69	1.21	2.0	0.03	0.85	15.1	12.8	0.06	132	0.53	0.05	1.0	7.0
30741	Core	0.92	3.50	1.28	1.0	0.02	0.48	7.1	12.0	0.03	50	0.49	0.04	0.6	6.8
30742	Core	1.15	5.68	1.01	1.7	0.03	0.69	15.2	7.0	0.04	103	0.47	0.05	0.8	11.2
30743	Core	0.76	4.65	1.03	1.1	0.02	0.54	11.3	19.4	0.03	57	0.60	0.05	0.5	5.1
30744	Core	0.71	5.64	1.03	1.7	0.02	0.65	17.0	9.2	0.04	32	0.50	0.05	0.8	5.1
30745	Core	0.60	3.41	1.18	1.0	0.02	0.41	9.1	9.9	0.02	29	2.05	0.03	0.7	3.4
30746	Core	0.70	4.50	1.40	1.3	0.02	0.56	11.5	23.7	0.04	35	0.92	0.04	0.7	4.0
30747	Core	0.65	5.98	0.95	1.7	0.02	0.73	13.6	13.5	0.04	45	0.54	0.06	0.9	4.4
30748	Core	2.86	11.46	1.06	2.8	0.04	1.45	25.7	44.6	0.13	299	0.58	0.10	1.5	31.3
30749	Core	5.27	24.47	1.53	4.1	0.08	3.37	55.5	59.7	0.84	503	0.57	0.19	3.1	48.6
30750	Core	5.15	27.82	1.57	3.4	0.09	4.57	67.8	46.2	0.89	430	0.42	0.24	2.4	46.4
30751	Core	5.29	25.64	1.56	3.5	0.09	4.09	63.5	48.0	1.02	415	0.44	0.20	2.9	45.9
30752	Core	5.63	28.77	1.82	3.6	0.10	4.91	71.2	45.4	1.17	422	0.55	0.18	3.6	53.4
30753	Core	5.32	28.39	1.69	3.5	0.10	4.63	76.9	42.7	1.03	387	0.57	0.18	3.4	49.5
30754	Core	4.50	25.42	1.68	2.9	0.09	4.09	51.9	36.5	0.72	322	0.56	0.15	2.7	45.7
30755	Reject	5.20	28.26	1.47	2.9	0.09	4.16	61.6	82.0	0.69	513	0.61	0.16	2.1	42.4
30756	Pulp	1.30	6.36	0.18	0.2	0.07	1.37	18.5	9.2	0.72	242	12.26	<0.01	5.0	61.5
30757	Reject	4.30	20.55	1.14	2.2	0.07	3.45	44.2	62.1	0.65	411	0.59	0.14	2.2	30.6
30758	Core	4.41	26.05	1.42	2.7	0.08	4.13	61.1	39.9	0.27	627	0.60	0.18	2.3	43.1
30759	Core	0.98	4.63	0.76	1.2	0.03	0.54	12.6	11.4	0.04	64	0.65	0.03	0.6	6.0
30760	Core	1.31	6.77	0.86	1.8	0.02	0.73	16.4	16.6	0.09	226	0.46	0.04	0.9	12.9
30761	Core	1.26	6.29	0.79	1.7	0.02	0.58	15.9	14.2	0.09	287	0.47	0.05	0.9	10.5
30762	Core	1.54	8.16	0.92	2.0	0.02	0.89	20.2	13.2	0.07	177	0.45	0.06	1.2	12.4
30763	Core	0.95	6.81	1.08	1.6	0.02	0.82	15.3	12.4	0.05	37	0.50	0.06	0.9	5.4
30764	Core	0.92	5.71	1.22	1.3	0.02	0.65	11.6	7.4	0.04	47	0.51	0.04	0.7	8.0
30765	Core	0.75	4.31	1.55	1.2	0.02	0.44	11.6	11.2	0.05	43	0.57	0.04	0.6	4.3
30766	Core	0.81	4.84	1.28	1.2	0.02	0.46	11.2	23.6	0.04	50	0.57	0.05	0.7	8.9
30767	Core	2.35	11.35	0.95	1.9	0.04	1.36	24.4	32.9	0.18	264	0.61	0.29	1.3	20.7
30768	Core	1.34	7.58	0.94	1.2	0.03	0.79	19.7	32.2	0.09	277	0.47	0.58	1.1	11.8
30769	Core	1.48	5.15	0.85	1.1	0.02	0.43	13.3	14.4	0.11	429	0.51	0.79	0.7	12.1
30770	Core	2.16	9.55	0.98	1.5	0.03	1.21	22.0	34.4	0.09	377	0.51	0.10	1.1	19.6
30771	Core	2.94	25.20	1.17	4.9	0.06	3.10	50.5	30.2	0.19	262	0.69	0.18	2.8	26.9

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11-360-08074-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30737	Core	277	86.1	32.7	0.009	0.026	5.06	5.3	4.2	1.0	100.2	0.14	0.53	7.8	0.022
30738	Core	183	19.6	19.8	0.004	0.025	5.51	4.0	6.1	1.0	46.0	0.05	0.54	6.7	0.016
30739	Core	100	7.7	23.9	0.005	0.023	3.71	4.2	6.2	1.5	22.9	<0.05	0.56	6.0	0.018
30740	Core	86	9.3	38.0	0.003	0.018	2.74	5.1	5.2	0.9	14.7	0.08	0.55	7.9	0.028
30741	Core	20	24.0	22.8	0.004	<0.01	1.39	3.9	6.8	0.8	11.3	<0.05	0.51	4.6	0.018
30742	Core	66	11.2	30.0	0.002	0.011	1.62	4.7	6.2	1.0	19.0	0.07	0.51	9.2	0.021
30743	Core	<10	13.4	26.1	0.004	<0.01	2.77	3.9	6.6	0.7	15.7	<0.05	0.51	4.6	0.016
30744	Core	33	8.1	30.3	0.005	<0.01	2.48	4.6	7.3	0.8	12.8	<0.05	0.50	7.6	0.026
30745	Core	17	7.5	20.2	0.002	<0.01	5.05	3.5	4.2	0.7	12.9	<0.05	0.50	4.5	0.017
30746	Core	25	11.9	26.2	0.002	<0.01	3.76	3.8	7.2	0.7	12.8	<0.05	0.45	6.8	0.020
30747	Core	60	10.0	35.8	<0.002	0.015	2.22	4.4	5.9	0.8	22.2	0.07	0.51	7.7	0.025
30748	Core	156	17.3	65.5	0.004	0.023	2.41	8.6	4.3	1.3	35.5	0.14	0.53	11.8	0.040
30749	Core	384	38.2	163.6	0.004	0.094	2.85	17.4	4.0	2.6	45.6	0.37	0.53	20.6	0.093
30750	Core	571	26.2	194.6	0.005	0.078	2.09	20.4	3.9	2.9	52.8	0.31	0.62	20.9	0.089
30751	Core	567	30.1	206.4	0.003	0.100	2.63	19.6	4.1	3.0	49.1	0.24	0.65	19.5	0.109
30752	Core	625	18.5	232.8	<0.002	0.170	2.35	22.4	3.9	3.5	47.2	0.28	0.66	20.8	0.138
30753	Core	574	19.4	235.9	0.003	0.200	2.07	21.7	4.5	3.3	48.8	0.26	0.61	20.5	0.135
30754	Core	428	45.6	189.7	0.005	0.409	2.22	18.3	4.3	2.9	44.2	0.25	0.59	16.5	0.111
30755	Reject	707	23.7	216.0	0.005	0.251	2.72	18.9	4.3	3.1	61.0	0.17	0.59	17.2	0.094
30756	Pulp	4164	7.2	106.6	0.045	1.138	20.51	7.5	9.3	1.8	120.5	<0.05	1.18	5.0	0.193
30757	Reject	490	8.9	169.8	<0.002	0.185	1.98	15.4	4.3	2.6	50.4	0.17	0.56	14.6	0.087
30758	Core	420	15.5	186.5	0.004	0.045	2.00	18.7	3.7	2.7	63.7	0.17	0.50	17.5	0.096
30759	Core	115	18.9	30.2	<0.002	0.019	2.04	3.9	6.6	0.9	19.0	<0.05	0.51	5.0	0.022
30760	Core	89	5.9	37.0	<0.002	0.026	1.45	5.0	4.9	0.9	14.8	<0.05	0.52	9.8	0.026
30761	Core	70	6.6	30.0	0.004	<0.01	1.36	4.6	4.5	0.8	11.8	0.07	0.51	8.1	0.027
30762	Core	79	6.2	47.4	0.003	0.027	1.87	5.7	5.3	1.1	16.5	0.08	0.48	10.5	0.039
30763	Core	53	4.7	44.7	0.004	0.029	1.65	4.7	6.6	1.2	18.4	<0.05	0.52	7.4	0.029
30764	Core	113	8.7	36.9	0.002	<0.01	1.49	4.1	7.4	1.3	19.9	<0.05	0.51	6.7	0.021
30765	Core	83	5.8	23.6	0.003	0.013	2.03	3.7	6.5	0.9	18.7	<0.05	0.58	5.7	0.020
30766	Core	225	8.0	25.6	<0.002	<0.01	1.46	3.6	4.4	0.8	17.5	<0.05	0.48	6.0	0.017
30767	Core	464	11.3	71.1	0.003	0.033	1.67	7.8	4.7	1.5	31.2	0.10	0.51	10.1	0.042
30768	Core	158	8.2	44.0	<0.002	0.015	1.06	5.5	4.3	1.1	26.6	0.07	0.50	7.2	0.032
30769	Core	237	9.1	24.9	<0.002	0.041	0.99	4.2	4.5	0.8	30.8	0.05	0.47	5.7	0.017
30770	Core	228	21.2	60.0	<0.002	0.035	1.42	6.9	4.5	1.2	26.5	0.08	0.51	8.5	0.035
30771	Core	377	14.5	161.6	0.005	0.013	1.57	15.3	4.1	2.5	47.2	0.30	0.47	19.3	0.078

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30737	Core	0.26	1.2	28	2.3	2.7	26	30.3
30738	Core	0.17	1.2	20	1.6	2.2	36	29.6
30739	Core	0.19	1.0	20	1.3	2.0	28	28.0
30740	Core	0.26	1.2	26	1.5	3.1	32	43.5
30741	Core	0.16	0.7	17	1.0	1.9	29	26.6
30742	Core	0.21	1.2	25	1.0	4.4	43	43.2
30743	Core	0.17	0.8	19	0.8	2.1	19	29.1
30744	Core	0.20	1.1	28	1.1	3.5	17	45.5
30745	Core	0.15	0.8	15	1.0	2.0	9	27.3
30746	Core	0.17	1.1	20	1.2	2.6	10	35.1
30747	Core	0.23	1.2	24	1.0	3.2	10	41.9
30748	Core	0.38	2.5	56	1.3	6.0	90	61.2
30749	Core	0.94	4.1	140	1.1	9.2	128	93.8
30750	Core	1.08	4.6	152	0.8	10.1	125	93.0
30751	Core	1.07	4.3	156	0.8	11.1	123	97.1
30752	Core	1.19	4.9	171	1.5	10.5	130	103.2
30753	Core	1.17	4.3	162	1.1	10.0	121	100.0
30754	Core	1.01	3.6	129	1.1	7.9	118	82.2
30755	Reject	1.02	3.5	141	1.7	8.5	158	85.3
30756	Pulp	11.44	7.3	425	32.8	24.7	237	16.3
30757	Reject	1.05	2.8	122	1.7	6.3	105	67.2
30758	Core	1.07	4.4	126	1.5	7.8	153	75.4
30759	Core	0.21	1.1	21	0.8	4.3	39	35.9
30760	Core	0.24	1.6	31	0.7	4.6	54	54.2
30761	Core	0.21	1.4	27	0.8	4.1	36	52.0
30762	Core	0.27	1.8	37	1.0	4.7	41	69.3
30763	Core	0.29	1.4	29	0.8	3.5	26	48.0
30764	Core	0.23	1.2	23	0.7	3.1	25	41.7
30765	Core	0.15	1.2	19	0.9	2.9	21	38.5
30766	Core	0.16	1.3	19	0.8	3.0	27	35.5
30767	Core	0.41	2.1	50	1.0	5.6	52	56.3
30768	Core	0.23	1.3	32	0.7	3.2	31	37.8
30769	Core	0.14	1.0	22	0.6	3.1	33	31.8
30770	Core	0.34	1.9	42	1.0	4.2	53	47.7
30771	Core	0.88	3.5	114	1.2	7.6	94	80.4

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11-360-08074-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30737	Core		0.40	2.86	971.8	141	0.53	0.21	0.03	0.11	24.89	1.2	220	3.00	8.4
30737 Dup			0.43	2.87	978.4	136	0.48	0.23	0.02	0.10	27.08	1.2	207	3.03	8.7
QCV1110-02811-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			1.09	8.15	7.9	507	2.66	2.35	0.58	0.07	102.27	15.9		7.61	2213.0
30755	Reject		0.20	>10	901.6	844	3.88	0.25	0.18	1.10	133.39	16.0	160	8.16	44.8
30755 Dup			0.15	>10	876.2	866	3.99	0.23	0.17	1.10	139.58	15.8	153	8.43	44.3
QCV1110-02811-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.26		10.1	445	2.48	8.08		0.29	94.30	23.6		6.97	>10000
QCV1110-02811-0007-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.52	4.51	7090.0	227						9.9			29.5
30737	Core	0.807													
30737 Dup		0.788													
30755	Reject	0.022													
30755 Dup		0.025													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.980													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30737	Core	1.45	5.37	1.57	2.2	0.03	0.64	11.7	9.2	0.05	117	0.68	0.04	0.8	5.1
30737 Dup		1.41	5.56	1.55	1.4	0.04	0.66	12.3	9.5	0.05	109	0.67	0.04	0.8	5.1
QCV1110-02811-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.53	17.73		4.0	0.36	2.75	46.9	28.3	1.51		0.51	0.49	15.6	37.6
30755	Reject	5.20	28.26	1.47	2.9	0.09	4.16	61.6	82.0	0.69	513	0.61	0.16	2.1	42.4
30755 Dup		5.14	27.12	1.39	3.0	0.10	4.05	65.4	79.7	0.68	504	0.58	0.16	2.0	42.5
QCV1110-02811-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.40		3.9	1.13		42.4	26.9			0.87		14.8	43.9
QCV1110-02811-0007-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.83	448				47.9

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11-360-08074-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30737	Core	277	86.1	32.7	0.009	0.026	5.06	5.3	4.2	1.0	100.2	0.14	0.53	7.8	0.022
30737 Dup		295	89.0	32.9	0.004	0.026	4.58	5.1	5.0	0.9	101.2	0.06	0.57	6.7	0.024
QCV1110-02811-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		661	10.2	210.6	0.009	0.237	1.54	15.1		12.2	35.0	1.06	0.58	16.8	0.333
30755	Reject	707	23.7	216.0	0.005	0.251	2.72	18.9	4.3	3.1	61.0	0.17	0.59	17.2	0.094
30755 Dup		681	21.7	219.5	0.003	0.241	2.74	19.4	4.4	3.2	65.9	0.18	0.58	18.2	0.088
QCV1110-02811-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			29.8	187.1	0.005	1.356	2.97	14.0		23.6	33.0	0.97	0.49	17.3	
QCV1110-02811-0007-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		330	12.8												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30737	Core	0.26	1.2	28	2.3	2.7	26	30.3
30737 Dup		0.25	1.2	26	2.0	3.1	25	31.7
QCV1110-02811-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.91	3.1		2.4	29.5	88	121.5
30755	Reject	1.02	3.5	141	1.7	8.5	158	85.3
30755 Dup		1.06	3.6	138	1.7	8.8	152	88.9
QCV1110-02811-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.92	3.1			25.9	182	122.8
QCV1110-02811-0007-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		17.54					205	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 47**
Description: **3 ACE**

Date Received: 11/02/2011
Date Completed: 11/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08075-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32605	Core	0.028	0.39	2.66	86.5	140	0.73	0.17	0.25	0.70	26.24	5.4	163	1.97	23.1
32606	Core	0.006	0.34	>10	37.8	742	3.62	0.46	0.26	0.08	115.84	18.4	105	8.08	62.0
32607	Core	0.006	0.28	>10	21.0	754	3.66	0.45	0.20	0.07	66.95	18.3	94	7.58	62.9
32608	Core	<0.005	0.24	9.34	22.3	535	2.69	0.35	0.27	0.06	83.95	15.3	101	5.38	49.6
32609	Core	0.007	0.26	>10	43.0	662	3.15	0.40	0.20	0.16	100.14	17.1	100	6.25	54.7
32610	Core	0.108	0.34	4.15	198.7	238	1.33	0.16	0.45	0.49	40.57	9.6	178	2.65	22.8
32611	Core	0.052	0.34	2.30	1062.7	111	0.52	0.10	0.12	1.96	34.82	3.9	154	1.52	14.3
32612	Core	0.050	0.37	2.59	128.1	148	0.58	0.12	0.04	1.49	32.51	3.2	177	1.99	9.0
32613	Core	0.023	0.40	2.25	68.3	116	0.45	0.10	0.11	2.23	63.13	2.9	171	1.52	10.6
32614	Core	0.024	0.24	2.50	83.6	113	0.44	0.10	0.03	1.35	37.49	3.1	179	1.50	9.8
32615	Core	0.052	0.38	2.11	724.5	95	0.46	0.10	0.25	2.03	14.52	3.3	198	1.22	12.4
32616	Core	0.007	0.12	2.09	36.6	87	0.54	0.11	0.27	0.38	50.32	3.6	130	1.26	11.9
32617	Core	<0.005	0.17	2.25	40.6	91	0.45	0.12	0.51	0.03	43.69	3.9	170	1.32	9.9
32618	Core	<0.005	0.22	7.53	18.2	464	1.99	0.28	0.35	0.07	68.33	15.8	106	4.58	44.9
32619	Core	0.010	0.22	9.46	27.3	628	2.75	0.39	0.25	0.07	100.90	16.1	112	6.28	53.5
32620	Core	0.067	0.19	5.01	95.9	314	1.22	0.24	0.76	0.11	55.61	11.0	171	3.25	34.3
32621	Core	0.013	0.19	9.34	62.4	657	2.79	0.36	0.42	0.12	68.94	14.9	151	6.45	52.2
32622	Core	0.018	0.20	4.09	53.6	224	0.96	0.14	0.60	0.08	52.36	9.6	134	2.69	20.6
32623	Core	<0.005	0.16	5.95	11.3	369	1.47	0.20	0.53	0.05	82.82	9.7	135	4.02	33.0
32624	Core	<0.005	0.13	8.67	15.2	570	2.15	0.35	0.30	0.04	107.40	16.3	112	6.01	55.5
32625	Core	0.015	0.21	>10	30.9	874	3.56	0.58	0.27	0.09	84.63	26.5	100	9.50	68.4
32626	Core	<0.005	0.23	>10	30.6	787	3.03	0.57	0.42	0.16	137.08	22.5	91	8.25	68.4
32627	Core	0.007	0.23	>10	38.1	815	2.82	0.60	0.35	0.17	137.84	22.2	91	9.19	68.0
32628	Core	<0.005	0.25	9.56	36.7	759	2.80	0.55	0.49	0.12	132.93	19.7	86	8.60	61.6
32629	Core	0.008	0.24	9.28	34.0	736	2.48	0.54	0.52	0.17	122.55	19.2	82	8.52	95.8
32630	Core	0.006	0.96	9.95	37.2	819	3.40	0.55	0.63	0.17	66.09	23.0	76	9.36	100.9
32631	Reject	<0.005	0.31	7.97	25.1	664	2.52	0.43	0.80	0.11	87.89	18.1	65	7.63	57.1
32632	Pulp	7.759	0.59	3.07	764.8	160	0.76	0.62	>10	4.11	65.06	5.8	82	6.98	41.2
32633	Reject	0.006	0.21	9.59	27.7	728	2.07	0.52	1.04	0.10	64.24	19.6	73	8.01	59.8
32634	Core	0.006	0.19	9.60	23.7	692	2.02	0.49	1.29	0.08	101.23	18.3	95	7.76	55.0
32635	Core	0.006	0.26	>10	28.4	760	2.61	0.49	0.96	0.07	72.11	19.0	86	8.13	55.6
32636	Core	0.006	0.23	9.42	30.6	701	2.38	0.51	0.42	0.10	93.66	19.4	91	8.84	53.1
32637	Core	0.006	0.65	>10	34.2	827	3.29	0.59	0.40	0.14	82.10	22.9	88	9.20	65.5
32638	Core	0.008	0.34	>10	31.0	858	3.22	0.54	0.23	0.10	117.94	22.2	94	9.71	62.5
32639	Core	0.006	0.25	>10	32.5	864	3.05	0.57	0.23	0.09	43.53	21.5	83	9.69	61.4
32640	Core	0.006	0.20	>10	30.6	812	3.08	0.55	0.16	0.07	77.50	20.9	82	8.59	52.9
32641	Core	0.008	0.24	>10	37.4	823	3.31	0.59	0.48	0.11	19.14	20.9	89	9.02	65.1
32642	Core	0.006	0.24	>10	32.3	860	3.15	0.60	0.48	0.14	33.39	20.5	82	8.99	60.4
32643	Core	0.006	0.17	>10	27.5	822	2.97	0.53	0.65	0.09	73.18	21.0	79	8.60	71.8
32644	Core	0.007	0.24	9.76	33.3	786	2.93	0.57	1.11	0.22	34.14	21.5	105	8.17	69.1

3Ace Property, Northern Tiger Resources Inc.

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11-360-08075-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32645	Core	0.007	0.25	>10	35.7	850	3.13	0.64	0.47	0.19	26.81	22.9	75	9.16	71.6
32646	Core	0.006	0.21	>10	32.6	830	3.03	0.58	0.30	0.11	64.95	21.9	75	8.91	55.3
32647	Core	0.005	0.21	>10	29.8	811	3.07	0.55	0.41	0.13	62.55	21.1	79	8.48	53.9
32648	Core	0.008	0.17	9.82	33.6	751	2.74	0.54	0.36	0.14	61.16	18.9	82	8.30	56.0
32649	Core	0.009	0.20	>10	24.3	829	3.11	0.55	0.41	0.05	31.89	17.5	94	8.62	68.5
32650	Core	<0.005	0.17	>10	28.5	857	2.90	0.60	0.22	0.06	93.21	22.6	95	8.75	68.2
32651	Core	<0.005	0.18	>10	23.3	906	2.91	0.54	0.65	0.07	46.40	26.0	114	9.76	61.2
32652	Core	<0.005	0.18	6.56	5.5	403	1.26	0.17	1.50	0.05	81.94	4.8	107	4.16	32.9

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Northern Tiger Resources
#220 17010 103rd Ave
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3Ace Property, Northern Tiger Resources Inc.

Vol 9-93

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32605	Core	1.97	6.02	0.64	1.9	0.10	0.76	11.5	11.3	0.25	550	0.53	0.06	2.5	15.7
32606	Core	4.31	27.50	0.93	3.8	0.10	3.62	40.6	42.0	0.79	339	0.47	0.31	6.2	42.9
32607	Core	4.53	28.51	0.91	3.1	0.09	3.65	30.0	46.8	0.96	329	0.49	0.33	6.0	45.0
32608	Core	4.84	21.43	1.04	2.8	0.08	2.57	36.3	51.9	0.97	413	0.40	0.21	3.9	41.6
32609	Core	4.58	24.52	0.90	2.9	0.08	3.21	36.9	40.0	0.71	472	0.45	0.22	4.3	41.3
32610	Core	2.71	10.07	0.86	1.7	0.07	1.35	13.9	26.9	0.30	700	0.45	0.08	2.0	22.5
32611	Core	1.15	5.91	1.06	1.2	0.08	0.84	9.0	8.2	0.11	361	0.43	0.04	1.0	10.4
32612	Core	1.12	6.19	0.85	1.5	0.07	1.02	10.3	7.5	0.08	47	0.38	0.05	1.3	9.4
32613	Core	0.85	5.22	0.87	1.6	0.08	0.83	14.4	11.6	0.10	182	0.48	0.04	1.0	8.6
32614	Core	0.90	5.41	0.88	1.3	0.05	0.84	11.5	8.0	0.09	131	0.41	0.04	1.3	9.3
32615	Core	1.02	4.76	0.93	1.2	0.06	0.70	7.9	5.4	0.14	337	0.52	0.03	0.9	8.9
32616	Core	0.90	4.86	0.48	1.3	0.02	0.50	13.2	18.7	0.15	341	0.43	0.04	0.9	8.7
32617	Core	1.28	5.18	0.31	1.4	0.03	0.46	13.9	35.1	0.25	493	0.54	0.04	1.2	10.0
32618	Core	3.88	19.04	1.01	2.7	0.06	1.94	23.4	64.3	0.80	397	0.43	0.15	4.1	40.4
32619	Core	4.03	23.42	1.21	2.8	0.07	2.76	33.8	55.8	0.93	316	0.46	0.23	5.0	42.2
32620	Core	2.77	13.11	0.93	1.6	0.04	1.19	26.3	37.1	0.69	578	0.48	0.41	2.3	24.9
32621	Core	3.74	23.65	1.05	2.3	0.07	2.66	27.8	49.3	0.76	565	0.49	0.22	3.6	39.5
32622	Core	2.42	10.80	0.85	1.7	0.03	0.84	17.1	28.3	0.51	873	0.43	0.07	1.8	21.1
32623	Core	3.15	14.77	0.95	2.0	0.05	1.39	26.7	45.6	0.73	632	0.45	0.14	3.4	28.8
32624	Core	4.53	22.18	1.26	2.3	0.06	2.28	31.3	77.7	1.14	448	0.44	0.24	2.4	44.4
32625	Core	4.73	28.27	1.58	2.6	0.09	3.18	46.5	88.1	1.05	554	1.07	0.42	4.2	48.6
32626	Core	4.86	25.50	1.62	2.7	0.08	2.87	51.9	77.0	1.04	716	1.85	0.40	5.4	48.4
32627	Core	5.21	26.95	1.37	2.6	0.09	2.91	47.8	78.4	0.99	704	2.56	0.44	4.2	50.5
32628	Core	4.42	26.03	1.35	2.5	0.08	2.58	41.8	74.3	0.97	828	2.09	0.40	4.7	46.4
32629	Core	3.84	23.62	1.20	2.7	0.08	2.51	39.3	67.1	0.85	715	1.93	0.46	5.4	50.0
32630	Core	4.25	27.87	1.22	2.7	0.09	2.68	22.0	71.0	0.97	750	1.36	0.47	4.2	50.9
32631	Reject	3.62	19.63	1.09	2.5	0.07	2.17	31.2	61.0	0.89	774	0.90	0.36	6.4	39.7
32632	Pulp	1.19	6.24	0.05	2.1	0.06	1.21	22.7	8.7	0.71	255	11.26	<0.01	7.0	64.9
32633	Reject	4.36	21.21	1.24	2.5	0.07	2.75	18.9	56.0	1.09	989	1.01	0.44	4.1	44.8
32634	Core	4.19	21.05	1.21	2.2	0.06	2.68	35.2	55.9	1.01	822	0.83	0.58	4.6	41.9
32635	Core	4.48	23.11	1.22	2.5	0.08	2.89	25.7	60.7	1.19	862	0.94	0.46	5.2	43.6
32636	Core	3.87	21.69	1.23	2.5	0.07	2.72	30.0	57.1	0.79	503	1.24	0.48	5.2	44.9
32637	Core	4.57	24.06	0.96	4.7	0.08	3.25	24.7	62.2	0.89	555	1.45	0.52	6.0	53.3
32638	Core	4.95	24.46	1.25	2.8	0.08	3.30	36.8	69.8	1.03	444	1.38	0.56	5.7	50.5
32639	Core	4.65	24.95	1.26	2.3	0.08	3.24	13.3	67.7	0.96	403	1.11	0.56	2.8	48.5
32640	Core	4.41	23.20	1.17	2.3	0.08	3.20	22.0	61.0	0.90	380	1.13	0.55	3.0	49.6
32641	Core	4.60	23.83	1.20	2.7	0.08	3.16	10.9	58.6	0.87	493	2.10	0.50	4.1	51.1
32642	Core	4.25	26.22	0.93	3.0	0.09	3.10	11.2	57.4	0.84	471	1.55	0.57	6.1	50.9
32643	Core	4.65	24.16	0.87	2.2	0.08	2.79	27.6	67.4	1.04	729	1.22	0.57	1.8	49.7
32644	Core	4.31	23.61	1.23	2.3	0.08	2.73	12.9	59.7	0.85	712	2.09	0.50	5.7	49.6

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Certificate of Analysis

11-360-08075-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32645	Core	4.68	26.43	1.26	2.6	0.08	2.85	13.9	62.7	0.92	650	1.84	0.55	4.5	55.7
32646	Core	4.19	25.06	1.11	2.3	0.08	2.70	23.2	59.1	0.84	504	1.09	0.67	2.5	50.6
32647	Core	4.58	23.65	1.18	2.4	0.07	2.78	19.7	61.9	0.97	667	1.05	0.70	5.0	47.9
32648	Core	4.67	23.31	1.04	2.0	0.07	2.61	25.0	61.8	0.98	677	1.08	0.48	1.4	47.6
32649	Core	4.64	27.05	0.73	2.1	0.08	2.92	9.6	65.2	1.03	595	0.75	0.41	1.4	47.0
32650	Core	4.30	26.05	1.27	2.5	0.08	3.02	33.9	68.5	0.99	371	1.00	0.44	3.5	50.0
32651	Core	3.89	28.98	0.75	2.5	0.08	3.40	13.0	59.7	0.96	404	0.77	0.51	3.6	49.0
32652	Core	4.79	17.31	0.98	1.8	0.05	1.43	25.9	77.0	1.56	1662	0.50	0.18	1.7	30.3

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11-360-08075-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32605	Core	128	82.0	41.4	0.003	0.409	0.66	4.1	4.5	3.2	21.9	0.89	0.46	7.9	0.027
32606	Core	655	19.2	200.4	0.004	0.193	1.75	16.9	4.8	2.7	150.0	1.30	0.51	18.4	0.082
32607	Core	467	25.2	220.3	0.003	0.225	2.05	17.9	5.5	2.7	127.9	0.89	0.53	16.7	0.080
32608	Core	330	28.7	147.9	0.003	0.184	1.06	14.5	5.0	2.1	84.3	0.55	0.53	16.6	0.055
32609	Core	407	15.5	182.9	0.003	0.157	1.29	16.1	5.0	2.5	90.5	0.57	0.57	17.0	0.083
32610	Core	133	78.1	78.8	<0.002	1.502	1.44	6.5	4.4	3.9	40.6	0.25	0.54	9.0	0.034
32611	Core	82	126.2	49.2	<0.002	0.700	1.64	3.6	5.1	8.0	11.1	0.18	0.42	6.9	0.023
32612	Core	158	149.0	59.6	0.002	0.988	1.11	4.0	6.1	6.6	12.6	0.17	0.44	7.4	0.024
32613	Core	83	191.1	47.5	0.003	0.625	1.03	3.4	4.7	5.6	11.7	0.12	0.44	8.1	0.023
32614	Core	74	72.0	47.4	<0.002	0.520	0.74	3.6	4.9	5.6	8.6	0.14	0.43	7.5	0.025
32615	Core	85	164.8	39.6	<0.002	0.702	1.54	3.2	4.3	5.2	14.1	0.11	0.44	7.2	0.019
32616	Core	164	14.9	28.2	<0.002	0.163	0.68	3.2	4.4	0.7	18.6	0.07	0.44	7.6	0.020
32617	Core	106	12.4	25.7	<0.002	0.074	0.47	3.5	4.1	0.6	29.0	0.09	0.42	7.8	0.022
32618	Core	279	20.9	116.6	0.002	0.203	1.24	11.6	4.3	1.8	66.8	0.40	0.46	13.9	0.062
32619	Core	273	23.9	173.0	<0.002	0.208	1.70	14.9	4.5	2.4	99.1	0.51	0.47	16.7	0.077
32620	Core	322	32.1	79.2	0.002	0.165	0.95	8.8	5.1	1.4	110.0	0.21	0.46	10.9	0.046
32621	Core	329	19.8	172.3	<0.002	0.137	1.06	14.3	4.8	2.2	131.8	0.36	0.51	15.1	0.069
32622	Core	105	10.3	59.8	<0.002	0.039	0.60	6.6	4.5	1.0	77.7	0.16	0.50	8.8	0.035
32623	Core	153	4.7	95.2	0.002	0.046	0.40	9.2	4.9	1.5	90.4	0.25	0.46	11.3	0.063
32624	Core	325	5.5	135.4	0.002	0.177	0.74	13.1	4.5	1.9	121.0	0.27	0.51	12.9	0.076
32625	Core	311	25.7	220.1	0.002	2.019	2.61	19.2	5.3	2.6	202.4	0.42	0.62	16.9	0.118
32626	Core	531	36.4	205.3	0.003	2.647	1.47	17.2	5.6	2.5	209.3	0.42	0.64	16.0	0.114
32627	Core	212	48.6	205.7	0.003	3.512	2.46	17.3	6.0	2.7	209.6	0.37	0.68	15.6	0.112
32628	Core	212	43.0	199.0	0.004	2.563	2.69	17.1	5.5	2.5	208.3	0.39	0.60	15.1	0.093
32629	Core	87	45.9	182.4	0.004	2.421	3.15	15.9	5.3	2.3	218.2	0.41	0.57	15.3	0.099
32630	Core	212	51.1	209.7	0.003	2.615	4.07	17.8	6.9	2.6	240.5	0.37	0.64	14.1	0.085
32631	Reject	244	35.8	158.8	0.003	2.073	3.42	14.2	4.7	2.1	217.7	0.42	0.54	12.6	0.110
32632	Pulp	3653	5.3	105.9	0.041	1.121	17.24	6.6	10.9	1.6	141.5	0.38	0.90	6.2	0.180
32633	Reject	249	40.4	165.6	0.004	2.598	3.74	15.1	5.0	2.2	219.7	0.34	0.46	12.1	0.090
32634	Core	194	36.7	154.5	0.004	2.457	3.44	14.4	4.5	2.1	201.5	0.34	0.47	13.7	0.104
32635	Core	185	36.7	180.8	<0.002	2.321	3.87	15.4	5.1	2.4	221.9	0.40	0.56	13.4	0.102
32636	Core	121	42.9	171.4	0.005	2.605	3.97	15.4	5.4	2.2	184.7	0.37	0.56	13.6	0.095
32637	Core	228	57.2	192.9	0.006	3.168	5.63	16.9	5.1	2.7	223.6	0.82	0.64	15.9	0.120
32638	Core	219	49.4	196.1	0.003	3.164	5.03	18.0	4.8	2.7	204.1	0.56	0.62	16.9	0.119
32639	Core	175	51.2	203.5	0.004	3.096	5.56	17.2	5.6	2.6	218.2	0.36	0.59	12.3	0.080
32640	Core	161	52.1	191.0	0.004	2.994	5.06	15.4	5.4	2.4	192.0	0.32	0.65	12.6	0.090
32641	Core	144	58.2	206.7	0.006	3.351	5.68	17.5	5.9	2.5	232.2	0.37	0.57	14.3	0.116
32642	Core	82	56.7	205.5	0.006	2.996	6.34	17.3	5.9	2.7	242.9	0.57	0.66	13.8	0.156
32643	Core	200	50.8	192.3	0.005	2.882	4.20	16.6	5.3	2.3	216.8	0.22	0.63	14.6	0.057
32644	Core	226	56.4	189.4	0.005	2.955	4.99	16.5	5.6	2.6	255.0	0.45	0.58	12.6	0.143

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32645	Core	203	64.5	190.5	<0.002	3.183	6.04	17.2	5.3	2.6	220.3	0.40	0.61	13.1	0.115
32646	Core	139	51.9	202.8	0.004	2.752	5.06	16.4	5.3	2.3	208.6	0.25	0.61	13.5	0.075
32647	Core	182	46.6	187.8	0.004	2.825	5.74	16.2	5.3	2.4	199.9	0.41	0.52	14.1	0.139
32648	Core	205	44.1	177.8	0.005	2.943	5.53	16.1	5.4	2.1	178.1	0.16	0.52	12.8	0.053
32649	Core	189	22.7	201.6	<0.002	1.496	3.48	17.0	5.1	2.3	239.9	0.24	0.46	13.3	0.053
32650	Core	230	24.2	201.2	0.005	1.737	3.84	17.5	5.3	2.5	196.9	0.37	0.53	15.4	0.102
32651	Core	915	24.5	221.5	<0.002	1.725	4.20	18.6	5.0	2.8	263.8	0.44	0.56	13.5	0.114
32652	Core	171	3.6	99.7	<0.002	0.097	0.41	10.5	4.1	1.3	108.8	0.16	0.35	13.0	0.047

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32605	Core	0.34	1.2	28	2.5	2.8	83	44.0
32606	Core	1.12	4.0	130	2.1	7.3	117	95.6
32607	Core	1.09	4.4	133	1.8	8.7	110	106.7
32608	Core	0.80	4.2	116	1.2	8.5	103	114.6
32609	Core	0.94	3.9	125	1.9	8.2	106	111.0
32610	Core	0.39	1.6	48	2.4	5.9	71	68.1
32611	Core	0.27	1.0	23	2.3	3.5	128	56.1
32612	Core	0.31	1.2	24	1.8	3.6	116	63.0
32613	Core	0.28	1.0	22	1.5	3.5	126	60.7
32614	Core	0.27	1.0	23	1.7	3.0	87	58.6
32615	Core	0.22	1.0	21	1.7	3.2	125	59.1
32616	Core	0.17	1.1	21	1.0	4.8	31	47.5
32617	Core	0.16	1.3	24	0.8	3.7	23	53.0
32618	Core	0.68	2.8	96	0.8	6.5	97	105.2
32619	Core	0.89	3.7	115	1.3	8.4	98	113.6
32620	Core	0.44	2.2	65	0.7	7.5	64	71.2
32621	Core	0.82	3.4	110	2.1	7.1	94	100.7
32622	Core	0.30	1.5	50	1.5	5.4	54	82.2
32623	Core	0.47	2.4	75	0.8	7.5	69	87.3
32624	Core	0.76	3.5	117	0.7	5.8	104	94.0
32625	Core	1.11	3.9	145	1.3	9.4	116	112.8
32626	Core	1.02	3.6	136	1.2	8.4	111	112.6
32627	Core	1.04	3.8	139	0.9	6.6	121	106.8
32628	Core	0.94	3.4	121	0.8	7.1	99	113.6
32629	Core	0.92	3.5	114	0.6	6.3	86	111.9
32630	Core	1.02	3.8	120	0.8	7.0	102	109.2
32631	Reject	0.81	3.3	99	1.0	6.4	81	97.4
32632	Pulp	11.70	7.9	384	33.8	24.6	234	95.6
32633	Reject	0.93	3.4	116	0.9	5.6	92	93.2
32634	Core	0.88	3.3	117	0.8	6.5	84	87.4
32635	Core	0.94	3.7	123	0.9	6.3	95	102.9
32636	Core	0.94	3.4	112	1.3	5.7	76	98.0
32637	Core	1.01	3.8	127	1.2	6.2	95	108.5
32638	Core	1.05	3.8	138	1.1	7.9	101	102.3
32639	Core	1.02	3.7	135	0.6	5.3	99	92.9
32640	Core	0.98	3.5	126	0.7	5.4	90	89.4
32641	Core	1.01	4.1	132	1.1	6.7	95	112.6
32642	Core	1.05	4.1	130	1.2	6.2	89	117.5
32643	Core	0.98	3.7	124	0.6	5.9	105	90.5
32644	Core	0.97	3.7	117	1.1	7.0	109	97.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32645	Core	1.00	3.7	127	0.7	5.9	110	106.7
32646	Core	0.97	3.5	121	0.4	5.7	94	96.2
32647	Core	0.95	3.7	129	0.7	5.8	107	96.8
32648	Core	0.92	3.2	119	0.7	5.1	108	77.7
32649	Core	1.04	3.7	134	1.4	5.8	118	89.0
32650	Core	0.98	3.9	134	1.4	6.5	106	102.3
32651	Core	1.05	3.8	139	1.5	8.3	102	112.6
32652	Core	0.48	2.1	95	0.8	5.8	111	72.5

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32605	Core		0.39	2.66	86.5	140	0.73	0.17	0.25	0.70	26.24	5.4	163	1.97	23.1
32605 Dup			0.38	3.16	94.2	158	0.82	0.21	0.28	0.83	29.28	6.1	177	2.22	24.5
QCV1111-00269-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.21		13.4	423	2.73	8.01		0.29		23.7		7.04	>10000
32623	Core		0.16	5.95	11.3	369	1.47	0.20	0.53	0.05	82.82	9.7	135	4.02	33.0
32623 Dup			0.15	6.14	11.7	379	1.33	0.20	0.54	0.04	75.60	10.1	152	4.19	35.1
QCV1111-00269-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			1.00	8.22	10.9	456	2.57	2.63	0.52	0.06		16.8		7.66	2462.4
32641	Core		0.24	>10	37.4	823	3.31	0.59	0.48	0.11	19.14	20.9	89	9.02	65.1
32641 Dup			0.22	>10	37.5	810	3.49	0.62	0.48	0.11	18.24	20.7	85	9.00	65.9
QCV1111-00269-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00269-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.39		13.3	413	2.38	7.90		0.20		24.0		6.90	>10000
32605	Core	0.028													
32605 Dup		0.030													
32623	Core	<0.005													
32623 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.809													
QCV1111-00270-0004-BLK		<0.005													
32641	Core	0.008													
32641 Dup		0.006													
QCV1111-00270-0006-BLK		0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.913													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32605	Core	1.97	6.02	0.64	1.9	0.10	0.76	11.5	11.3	0.25	550	0.53	0.06	2.5	15.7
32605 Dup		2.13	6.31	0.71	1.8	0.09	0.80	9.6	12.7	0.29	541	0.54	0.06	2.1	17.7
QCV1111-00269-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.36		3.6	1.15		42.3	29.4			0.85		14.7	44.8
32623	Core	3.15	14.77	0.95	2.0	0.05	1.39	26.7	45.6	0.73	632	0.45	0.14	3.4	28.8
32623 Dup		3.23	15.55	0.88	2.0	0.05	1.44	26.4	45.4	0.75	649	0.47	0.15	3.2	31.0
QCV1111-00269-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.34	19.34		3.6	0.36	2.96	48.4	26.2	1.63		0.41	0.54	15.8	38.8
32641	Core	4.60	23.83	1.20	2.7	0.08	3.16	10.9	58.6	0.87	493	2.10	0.50	4.1	51.1
32641 Dup		4.68	25.51	1.10	2.8	0.08	3.24	9.8	56.7	0.88	498	2.03	0.52	4.6	53.6
QCV1111-00269-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00269-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.08		3.7	1.10		42.2	23.7			0.80		14.0	48.1

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11-360-08075-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32605	Core	128	82.0	41.4	0.003	0.409	0.66	4.1	4.5	3.2	21.9	0.89	0.46	7.9	0.027
32605 Dup		136	87.7	48.3	0.002	0.493	0.87	4.8	4.7	4.1	27.1	0.53	0.47	7.9	0.022
QCV1111-00269-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			29.5	202.1	0.005	1.401	2.87	13.8		22.2	35.8	1.01	0.45	17.3	
32623	Core	153	4.7	95.2	0.002	0.046	0.40	9.2	4.9	1.5	90.4	0.25	0.46	11.3	0.063
32623 Dup		169	5.1	98.3	<0.002	0.050	0.45	9.6	4.5	1.4	93.1	0.24	0.41	11.4	0.056
QCV1111-00269-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		684	10.2	225.5	0.004	0.287	1.28	14.6		10.9	39.7	1.00	0.41	18.8	0.316
32641	Core	144	58.2	206.7	0.006	3.351	5.68	17.5	5.9	2.5	232.2	0.37	0.57	14.3	0.116
32641 Dup		143	57.5	194.7	0.003	3.400	6.61	17.1	5.4	2.6	225.7	0.45	0.62	13.2	0.131
QCV1111-00269-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00269-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			29.7	190.9	0.004	1.276	2.49	12.7		22.1	35.9	0.96	0.38	17.7	

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32605	Core	0.34	1.2	28	2.5	2.8	83	44.0
32605 Dup		0.33	1.3	34	2.8	2.9	100	43.4
QCV1111-00269-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.88	3.1			26.1	172	120.8
32623	Core	0.47	2.4	75	0.8	7.5	69	87.3
32623 Dup		0.48	2.4	76	0.9	5.8	68	95.5
QCV1111-00269-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.89	3.3		2.7	29.9	88	126.3
32641	Core	1.01	4.1	132	1.1	6.7	95	112.6
32641 Dup		1.02	4.1	135	1.1	6.2	98	112.6
QCV1111-00269-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00269-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.85	3.2			25.6	175	117.2

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Buchanan et al., 2011

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 48**
Description: **3 ACE**

Date Received: 11/02/2011
Date Completed: 11/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08076-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30772	Core	0.009	0.17	2.96	33.3	129	0.88	0.21	0.15	0.09	12.33	7.5	145	1.60	20.1
30773	Core	0.014	0.16	5.31	69.8	353	1.50	0.23	0.06	0.07	37.38	7.9	186	3.15	16.1
30774	Core	0.021	0.10	1.90	113.5	59	0.41	0.15	0.04	0.08	10.35	2.4	192	1.10	12.1
30775	Core	0.018	0.10	1.68	92.3	57	0.37	0.16	0.09	0.09	12.33	3.0	198	1.03	12.3
30776	Core	0.027	0.09	1.97	118.1	77	0.41	0.20	0.04	0.04	23.34	3.1	188	1.57	9.7
30777	Core	0.008	0.09	2.13	72.9	87	0.56	0.13	0.03	0.16	21.86	2.2	153	1.39	10.2
30778	Core	<0.005	0.07	2.10	17.5	86	0.58	0.09	0.10	0.07	21.77	3.2	170	1.29	8.6
30779	Core	0.006	0.24	2.36	70.0	103	0.57	0.19	0.11	0.26	17.14	4.3	173	1.56	14.5
30780	Core	0.024	0.10	2.59	127.7	122	0.80	0.08	0.02	0.11	28.58	2.9	176	2.32	20.1
30781	Core	0.016	0.53	3.07	307.5	156	0.85	0.14	0.02	0.21	29.14	5.3	180	2.81	38.1
30782	Core	0.008	0.19	7.23	141.7	430	2.71	0.31	0.13	0.39	44.40	19.7	195	3.90	83.8
30783	Core	0.012	0.17	9.41	102.3	580	2.89	0.33	0.18	1.00	64.88	20.9	163	5.59	48.6
30784	Core	0.010	0.56	2.38	53.3	108	0.62	0.33	0.05	0.38	21.94	7.0	186	1.13	53.7
30785	Core	0.008	0.11	4.69	91.8	284	1.24	0.17	0.03	0.32	26.38	9.0	156	3.26	34.1
30786	Core	0.015	0.13	6.05	119.8	385	1.88	0.21	0.05	0.23	29.96	12.3	162	3.15	49.0
30787	Core	0.017	0.08	2.49	108.2	121	0.65	0.11	0.03	0.05	24.05	6.7	191	1.39	17.4
30788	Core	0.038	0.14	2.20	248.0	112	0.55	0.09	0.05	0.62	26.06	5.8	132	1.36	18.9
30789	Core	0.123	0.46	9.60	689.1	667	3.04	0.41	0.20	1.27	32.65	21.7	180	5.99	72.9
30790	Core	0.356	1.97	2.11	3948.7	105	0.55	0.13	0.95	0.22	24.55	5.1	128	1.28	10.1
30791	Core	0.010	0.10	3.47	73.9	194	0.75	0.13	0.34	0.11	22.63	6.9	166	1.87	24.9
30792	Core	0.007	0.09	3.53	73.1	196	0.85	0.13	0.33	0.10	23.92	7.0	160	1.94	22.2
30793	Core	<0.005	0.30	0.10	5.5	24	0.11	0.06	>10	0.06	1.31	1.4	7	0.33	4.2
30794	Core	0.006	0.32	>10	77.8	676	3.00	0.29	0.29	0.10	54.49	25.0	167	5.88	65.7
30795	Core	<0.005	0.10	2.72	14.8	144	0.80	0.10	1.50	0.03	32.25	4.8	159	1.44	19.6
30796	Core	<0.005	0.32	2.27	17.5	109	0.37	0.09	0.13	0.09	31.10	4.0	154	1.09	12.4
30797	Core	0.023	0.11	2.74	271.2	133	0.69	0.10	0.04	0.28	31.02	3.0	127	1.62	11.9
30798	Core	<0.005	0.10	2.54	42.5	109	0.53	0.10	0.06	0.10	22.72	5.3	154	1.29	18.0
30799	Core	<0.005	0.11	4.36	87.5	241	1.28	0.17	0.09	0.16	23.83	10.5	177	2.30	25.7
30800	Core	<0.005	0.06	2.38	22.2	91	0.44	0.10	0.07	0.03	27.03	3.9	190	1.20	10.2
30801	Core	0.012	0.18	8.11	108.0	534	2.47	0.33	0.18	0.12	45.39	12.3	181	4.49	43.7
30802	Core	0.022	0.13	4.89	230.1	288	1.53	0.30	0.12	0.36	23.25	9.0	167	2.87	29.2
30803	Core	0.023	0.15	7.38	234.5	502	2.71	0.25	0.14	0.23	20.83	8.0	201	4.27	41.1
30804	Core	0.068	0.12	3.94	176.1	259	1.29	0.15	0.01	0.04	30.82	1.7	203	2.95	15.1
30805	Core	0.038	0.08	1.81	906.7	102	0.46	0.06	0.01	0.05	17.58	0.9	234	1.47	7.9
30806	Core	0.164	0.46	1.84	4915.7	101	0.41	0.09	0.02	0.06	18.71	1.2	222	1.56	11.6
30807	Core	0.402	0.53	2.26	9689.9	110	0.36	0.17	0.01	0.10	15.91	1.8	204	1.91	17.6
30808	Core	0.180	0.37	1.83	4323.4	84	0.38	0.13	0.01	0.16	12.78	1.1	245	1.82	8.2
30809	Core	0.141	0.42	1.91	1998.5	90	0.41	0.16	0.03	0.15	15.54	1.4	220	3.61	11.9
30810	Core	0.030	0.17	2.87	589.9	127	0.66	0.21	0.05	0.13	27.97	4.7	258	2.04	14.7
30811	Core	0.075	0.29	>10	373.5	704	3.16	0.50	0.11	0.73	25.72	20.1	179	5.85	60.1

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11-360-08076-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30812	Core	0.056	0.30	6.48	507.4	402	2.11	0.34	0.10	0.63	21.90	12.7	184	3.75	39.9
30813	Core	0.056	0.29	4.92	476.9	276	1.26	0.22	0.09	0.50	26.99	6.0	186	3.71	23.8
30814	Core	0.010	0.14	5.26	224.7	292	1.81	0.27	0.17	0.41	20.39	9.0	195	2.60	37.9

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30772	Core	1.72	8.29	0.88	5.0	0.02	0.59	5.7	15.1	0.05	393	0.53	0.05	0.9	15.1
30773	Core	1.50	18.58	0.96	3.0	0.03	1.71	19.3	18.1	0.10	166	0.57	0.10	2.1	17.3
30774	Core	0.69	4.89	0.74	1.1	0.01	0.33	4.8	15.0	0.03	39	0.48	0.03	0.7	5.3
30775	Core	0.87	4.63	0.82	1.2	0.01	0.30	5.7	8.9	0.04	55	0.62	0.03	0.7	6.6
30776	Core	0.97	5.80	0.90	1.4	0.01	0.41	11.2	18.7	0.08	47	0.45	0.16	0.7	5.8
30777	Core	0.86	6.31	0.72	1.6	0.01	0.43	10.0	11.4	0.04	62	0.45	0.03	0.8	7.8
30778	Core	0.87	6.47	0.66	1.4	0.01	0.44	10.4	10.5	0.09	129	0.39	0.09	0.6	7.7
30779	Core	0.98	7.15	0.77	1.6	0.02	0.54	10.2	12.4	0.06	240	0.49	0.04	0.8	9.3
30780	Core	0.64	8.60	1.12	1.8	0.02	0.69	13.5	14.5	0.05	27	0.45	0.05	0.9	7.7
30781	Core	1.64	10.17	1.08	1.3	0.03	0.86	13.3	83.5	0.07	59	0.51	0.06	0.9	16.8
30782	Core	3.78	26.68	1.20	3.4	0.06	2.11	22.1	33.4	0.31	541	0.57	0.09	2.2	51.8
30783	Core	4.03	33.12	1.44	4.1	0.08	2.93	33.1	27.8	0.55	466	0.61	0.12	2.9	50.1
30784	Core	2.08	8.01	0.63	1.2	0.02	0.55	10.8	12.7	0.14	633	0.43	0.03	1.0	14.9
30785	Core	1.93	15.60	0.63	2.1	0.04	1.32	13.3	18.8	0.14	381	0.51	0.07	1.1	22.7
30786	Core	2.33	21.37	0.64	2.5	0.04	1.87	15.8	22.2	0.31	250	0.48	0.11	1.8	27.9
30787	Core	1.59	8.51	0.77	1.4	0.02	0.67	11.7	9.5	0.15	163	0.55	0.14	0.9	12.5
30788	Core	1.31	7.69	0.61	1.5	0.02	0.67	12.5	7.2	0.08	227	0.40	0.04	1.1	12.2
30789	Core	4.07	34.12	1.16	3.8	0.09	3.43	17.8	23.8	0.52	822	0.59	0.15	3.4	49.5
30790	Core	1.82	7.10	0.47	1.2	0.03	0.77	11.4	6.0	0.36	1294	0.33	0.08	0.8	10.4
30791	Core	1.72	12.40	0.48	1.7	0.03	1.02	11.0	16.0	0.35	451	0.43	0.33	1.1	17.2
30792	Core	1.78	12.30	0.45	1.8	0.02	1.01	11.7	14.4	0.36	465	0.39	0.32	1.3	17.6
30793	Core	0.45	0.85	<0.05	0.4	<0.01	0.04	0.7	1.7	>10	208	0.07	<0.01	0.6	4.6
30794	Core	4.87	42.57	1.55	4.8	0.07	3.18	26.4	48.4	1.06	364	0.50	0.27	3.2	59.9
30795	Core	1.26	10.07	0.77	1.5	0.02	0.70	15.3	9.9	0.30	582	0.49	0.43	1.0	13.2
30796	Core	1.13	7.40	0.62	1.7	0.02	0.50	14.6	9.6	0.19	353	0.62	0.44	1.0	17.7
30797	Core	1.14	9.30	0.68	1.8	0.03	0.77	14.4	22.5	0.10	262	0.38	0.05	1.0	8.6
30798	Core	1.45	8.62	0.77	1.7	0.02	0.59	10.8	10.7	0.09	278	0.43	0.03	0.8	16.4
30799	Core	2.44	16.81	0.72	2.1	0.03	1.15	11.2	17.8	0.35	302	0.53	0.41	1.2	36.0
30800	Core	1.22	6.98	0.47	1.5	0.01	0.46	12.6	9.0	0.19	230	0.46	0.51	0.8	11.0
30801	Core	3.17	29.40	1.06	3.3	0.05	2.69	23.7	21.9	0.60	349	0.58	0.37	2.6	36.4
30802	Core	2.17	17.19	0.82	2.2	0.03	1.50	11.8	18.2	0.21	315	0.52	0.17	1.6	22.4
30803	Core	2.08	27.96	0.88	2.2	0.05	2.53	10.8	25.9	0.21	326	0.65	0.11	2.1	24.4
30804	Core	0.64	14.42	1.05	1.6	0.03	1.49	15.6	29.7	0.12	45	0.59	0.06	1.6	7.0
30805	Core	0.42	6.84	0.96	1.1	0.02	0.77	8.3	10.0	0.06	31	0.49	0.03	0.7	4.7
30806	Core	0.86	6.62	1.05	4.2	0.03	0.72	9.1	5.2	0.07	29	0.62	0.03	1.4	6.9
30807	Core	1.98	7.12	1.36	1.7	0.05	0.84	7.7	5.5	0.09	29	0.57	0.04	1.0	6.6
30808	Core	0.96	5.98	1.46	0.9	0.04	0.67	6.4	9.0	0.07	32	0.71	0.03	0.7	6.0
30809	Core	0.63	5.72	1.53	1.1	0.03	0.63	7.7	28.6	0.08	41	0.60	0.04	0.8	5.4
30810	Core	1.46	8.27	0.84	1.5	0.03	0.81	13.4	19.9	0.07	231	0.77	0.04	0.9	12.4
30811	Core	4.48	36.37	0.85	3.7	0.07	3.37	13.9	18.9	0.47	670	0.67	0.15	2.5	46.6

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11-360-08076-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30812	Core	3.08	22.40	1.00	2.3	0.07	1.91	11.4	39.2	0.23	372	0.56	0.09	1.9	34.7
30813	Core	2.25	16.09	0.93	1.6	0.06	1.48	13.6	23.6	0.13	124	0.60	0.06	1.3	18.4
30814	Core	2.28	17.71	0.89	2.0	0.04	1.31	10.0	14.1	0.12	452	0.55	0.06	1.4	24.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30772	Core	698	10.4	35.2	0.004	0.051	1.47	5.3	8.7	1.1	25.9	0.18	0.70	6.0	0.015
30773	Core	434	10.9	100.6	0.003	0.014	1.61	9.1	8.7	2.0	37.1	0.31	0.67	11.9	0.046
30774	Core	352	6.7	20.1	<0.002	0.014	1.90	3.0	13.3	0.9	23.1	0.10	0.61	4.7	0.010
30775	Core	705	7.1	19.1	0.002	0.015	1.31	2.9	13.3	0.9	24.0	0.11	0.67	4.6	0.010
30776	Core	284	6.7	26.6	0.004	0.045	1.57	3.3	13.6	0.8	24.2	0.08	0.68	6.5	0.014
30777	Core	223	8.5	25.3	<0.002	0.024	1.30	3.2	13.2	0.6	15.2	0.09	0.57	7.8	0.017
30778	Core	407	5.9	25.4	0.004	0.020	1.03	3.1	11.7	0.7	15.5	0.09	0.65	6.4	0.015
30779	Core	529	14.7	29.6	0.002	0.030	1.51	3.9	12.1	0.8	21.5	0.10	0.59	7.0	0.016
30780	Core	173	5.4	44.8	<0.002	0.045	2.15	4.2	17.4	1.1	16.2	0.10	0.62	7.8	0.023
30781	Core	266	7.7	50.3	<0.002	0.021	1.67	5.3	15.4	1.2	21.9	0.09	0.59	8.2	0.026
30782	Core	587	31.4	123.3	0.003	0.076	1.66	13.5	10.8	2.1	32.8	0.27	0.67	14.2	0.067
30783	Core	824	16.2	179.1	<0.002	0.041	2.25	16.0	9.3	2.4	42.1	0.38	0.68	17.7	0.084
30784	Core	158	187.2	34.4	0.002	0.095	1.19	4.4	9.6	1.1	18.0	0.08	0.65	6.2	0.021
30785	Core	165	6.5	75.7	<0.002	0.091	1.90	7.6	9.6	1.3	37.6	0.13	0.63	9.6	0.035
30786	Core	237	8.9	111.2	0.003	0.174	1.51	10.2	10.9	1.7	33.3	0.19	0.63	11.9	0.052
30787	Core	129	7.0	42.4	0.002	0.080	0.88	4.5	13.2	1.1	15.4	0.09	0.60	6.2	0.024
30788	Core	151	22.0	43.2	<0.002	0.303	1.03	4.2	9.9	2.0	15.6	0.10	0.60	6.9	0.027
30789	Core	257	44.2	196.0	0.003	1.776	4.52	17.2	7.8	4.4	53.4	0.35	0.71	15.5	0.109
30790	Core	154	24.3	45.1	0.003	1.098	8.73	3.9	6.4	4.0	40.2	0.06	0.59	5.8	0.023
30791	Core	169	11.4	58.4	<0.002	0.129	0.77	6.3	10.0	1.3	31.3	0.10	0.63	8.6	0.031
30792	Core	170	12.0	58.4	<0.002	0.109	0.74	5.9	9.0	1.5	30.3	0.10	0.60	8.4	0.031
30793	Core	188	2.5	2.3	0.003	<0.01	<0.05	1.5	9.0	<0.2	41.4	0.60	0.58	0.6	<0.005
30794	Core	268	9.2	194.1	0.005	0.246	2.11	18.9	8.5	2.7	56.3	0.45	0.61	18.1	0.109
30795	Core	1018	6.9	44.0	0.002	<0.01	0.51	4.8	8.1	0.9	96.4	0.09	0.62	6.7	0.030
30796	Core	142	7.0	30.0	0.003	0.051	0.40	3.6	8.4	0.8	24.1	0.09	0.66	8.2	0.024
30797	Core	115	41.9	49.0	<0.002	0.094	1.31	4.1	8.8	2.2	18.6	0.09	0.61	7.8	0.025
30798	Core	168	11.9	34.9	<0.002	0.168	0.94	4.3	9.4	0.9	13.0	0.08	0.58	8.3	0.022
30799	Core	261	12.8	70.2	<0.002	0.114	1.06	7.2	14.0	1.3	27.0	0.12	0.54	9.3	0.035
30800	Core	188	10.3	26.5	<0.002	0.018	0.48	3.4	8.7	0.7	19.1	0.08	0.60	7.2	0.020
30801	Core	720	21.2	153.7	0.005	0.398	1.59	12.5	10.6	2.5	48.8	0.30	0.68	15.1	0.082
30802	Core	430	17.9	88.9	<0.002	0.523	1.63	7.6	9.7	1.7	28.4	0.16	0.61	9.9	0.044
30803	Core	650	30.9	157.6	0.005	0.616	1.58	11.4	11.5	3.0	42.2	0.21	0.52	12.0	0.067
30804	Core	93	14.2	102.7	<0.002	0.252	1.40	5.5	13.5	4.7	22.6	0.15	0.60	4.9	0.038
30805	Core	97	5.3	48.9	<0.002	0.079	2.54	3.2	16.7	4.6	9.4	0.06	0.58	3.9	0.019
30806	Core	111	7.0	46.3	0.002	0.315	8.78	3.2	15.3	8.9	7.4	0.18	0.75	5.0	0.017
30807	Core	112	61.0	58.3	<0.002	1.476	16.86	3.2	21.8	9.5	11.9	0.12	0.73	4.6	0.017
30808	Core	131	80.7	45.8	0.003	0.536	11.70	2.7	18.7	8.4	14.5	0.08	0.76	5.0	0.014
30809	Core	237	41.6	41.8	<0.002	0.187	5.20	2.5	17.2	7.6	44.2	0.08	0.66	5.8	0.014
30810	Core	367	41.5	48.0	0.002	0.290	1.90	4.0	10.7	3.4	16.9	0.11	0.58	7.8	0.020
30811	Core	516	48.7	205.3	0.004	1.434	3.67	16.5	8.4	3.2	46.5	0.36	0.73	17.6	0.085

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30812	Core	609	34.5	123.7	0.003	0.964	2.29	11.1	11.7	3.3	38.9	0.20	0.68	10.5	0.054
30813	Core	628	49.6	93.5	0.002	0.848	2.11	7.3	13.0	6.2	50.7	0.17	0.57	7.6	0.036
30814	Core	1030	15.5	85.0	<0.002	0.340	1.29	7.8	10.8	1.4	37.2	0.17	0.58	10.5	0.040

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30772	Core	0.22	1.7	25	1.2	4.6	39	42.9
30773	Core	0.56	2.4	60	1.9	4.8	35	70.1
30774	Core	0.14	1.1	13	0.7	2.3	10	31.7
30775	Core	0.12	1.5	13	0.9	3.0	17	33.8
30776	Core	0.17	1.4	18	1.0	3.0	14	43.1
30777	Core	0.16	1.4	18	0.8	3.2	24	47.8
30778	Core	0.16	1.1	19	0.5	3.3	19	40.1
30779	Core	0.19	1.5	24	1.1	4.2	25	48.7
30780	Core	0.27	1.5	26	1.9	3.5	12	56.9
30781	Core	0.29	1.6	31	1.6	4.6	48	37.6
30782	Core	0.63	3.0	97	2.4	8.4	111	103.5
30783	Core	0.88	3.8	122	2.5	12.7	117	132.2
30784	Core	0.20	1.1	26	1.0	3.4	42	37.1
30785	Core	0.43	1.9	55	1.6	5.1	58	65.8
30786	Core	0.60	2.6	75	1.0	5.6	78	87.5
30787	Core	0.24	1.0	29	0.7	3.6	34	48.2
30788	Core	0.26	1.2	24	0.7	3.6	65	47.8
30789	Core	1.02	3.8	126	2.0	9.1	190	121.8
30790	Core	0.26	0.9	29	0.6	4.1	64	42.8
30791	Core	0.31	1.5	46	0.4	4.4	50	60.5
30792	Core	0.30	1.5	47	0.4	4.5	55	57.6
30793	Core	0.04	0.4	280	0.1	0.9	15	1.0
30794	Core	1.06	4.1	164	1.4	10.4	125	155.2
30795	Core	0.24	1.1	34	0.3	6.3	28	60.2
30796	Core	0.17	1.2	28	0.3	4.0	42	59.4
30797	Core	0.27	1.3	29	0.8	4.3	43	59.7
30798	Core	0.24	1.4	27	0.9	4.4	38	59.0
30799	Core	0.35	1.9	57	0.8	5.4	70	69.3
30800	Core	0.16	1.2	25	0.4	4.0	25	49.0
30801	Core	0.76	3.6	101	1.5	8.9	84	109.5
30802	Core	0.50	2.3	53	1.4	5.4	64	69.1
30803	Core	0.78	2.9	80	1.8	6.4	57	69.3
30804	Core	0.52	1.4	40	1.5	3.6	11	51.9
30805	Core	0.29	0.6	20	0.8	2.1	<2	36.4
30806	Core	0.28	0.7	18	1.1	2.1	2	37.6
30807	Core	0.34	0.7	18	1.3	1.8	8	38.5
30808	Core	0.26	0.6	15	1.0	1.4	4	27.4
30809	Core	0.26	0.8	16	1.3	1.9	4	30.2
30810	Core	0.26	1.6	25	1.2	4.0	45	47.3
30811	Core	1.07	4.9	136	2.7	9.5	118	116.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30812	Core	0.63	3.2	76	2.0	6.4	137	70.9
30813	Core	0.52	2.2	50	1.8	4.5	113	49.1
30814	Core	0.45	2.9	56	1.6	7.0	99	60.3

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11-360-08076-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30772	Core		0.17	2.96	33.3	129	0.88	0.21	0.15	0.09	12.33	7.5	145	1.60	20.1
30772 Dup			0.16	2.63	30.7	108	0.78	0.17	0.13	0.07	14.32	6.6	133	1.34	18.7
QCV1111-00347-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.75	7.27	9.5	419	2.58	2.61	0.53	0.08	87.83	16.8		6.65	2274.4
30790	Core		1.97	2.11	3948.7	105	0.55	0.13	0.95	0.22	24.55	5.1	128	1.28	10.1
30790 Dup			0.25	2.48	4628.0	122	0.58	0.11	1.12	0.25	26.33	5.8	166	1.51	13.1
QCV1111-00347-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			4.04		13.7	387	2.44	8.08		0.25	81.28	23.1		6.23	>10000
30808	Core		0.37	1.83	4323.4	84	0.38	0.13	0.01	0.16	12.78	1.1	245	1.82	8.2
30808 Dup			0.33	1.88	4430.9	83	0.32	0.12	0.01	0.18	14.65	1.2	257	1.80	8.2
QCV1111-00347-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.93												6115.0
30790	Core	0.356													
30790 Dup		0.354													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.898													
QCV1111-00348-0004-BLK		<0.005													
30808	Core	0.180													
30808 Dup		0.199													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30772	Core	1.72	8.29	0.88	5.0	0.02	0.59	5.7	15.1	0.05	393	0.53	0.05	0.9	15.1
30772 Dup		1.51	7.16	0.60	1.7	0.03	0.53	9.6	13.7	0.05	344	0.40	0.05	0.9	13.3
QCV1111-00347-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.25			4.2	0.34	2.47	43.7	28.2	1.49		0.37	0.45	14.2	42.5
30790	Core	1.82	7.10	0.47	1.2	0.03	0.77	11.4	6.0	0.36	1294	0.33	0.08	0.8	10.4
30790 Dup		2.12	8.29	0.53	1.6	0.04	0.91	12.6	7.5	0.42	1498	0.40	0.10	1.0	14.2
QCV1111-00347-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					3.8	1.12		40.7	25.2			0.78		12.9	45.7
30808	Core	0.96	5.98	1.46	0.9	0.04	0.67	6.4	9.0	0.07	32	0.71	0.03	0.7	6.0
30808 Dup		0.99	6.12	1.50	0.9	0.03	0.71	7.3	9.1	0.08	33	0.70	0.04	0.7	5.8
QCV1111-00347-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30772	Core	698	10.4	35.2	0.004	0.051	1.47	5.3	8.7	1.1	25.9	0.18	0.70	6.0	0.015
30772 Dup		644	9.2	29.4	0.003	0.043	1.17	4.6	7.8	0.9	22.3	0.17	0.64	5.9	0.014
QCV1111-00347-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		662	10.5	205.5	0.004	0.266	1.22	13.9		10.0	35.2	1.06	0.69	17.8	0.304
30790	Core	154	24.3	45.1	0.003	1.098	8.73	3.9	6.4	4.0	40.2	0.06	0.59	5.8	0.023
30790 Dup		209	28.7	55.9	<0.002	1.314	10.24	4.6	7.3	4.7	49.5	0.06	0.66	7.0	0.025
QCV1111-00347-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			29.8	194.9	0.005	1.360	2.41	13.0		20.0	34.1	0.93	0.62	17.1	
30808	Core	131	80.7	45.8	0.003	0.536	11.70	2.7	18.7	8.4	14.5	0.08	0.76	5.0	0.014
30808 Dup		136	77.8	44.6	0.004	0.539	11.47	2.7	21.7	7.2	14.2	0.07	0.66	5.0	0.014
QCV1111-00347-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000			2.351									

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Northern Tiger Resources
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30772	Core	0.22	1.7	25	1.2	4.6	39	42.9
30772 Dup		0.19	1.5	22	0.8	3.8	33	34.1
QCV1111-00347-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.92	3.1		2.5	27.3	90	133.9
30790	Core	0.26	0.9	29	0.6	4.1	64	42.8
30790 Dup		0.31	1.0	34	0.7	5.0	74	51.8
QCV1111-00347-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.81	3.1			25.9	167	119.6
30808	Core	0.26	0.6	15	1.0	1.4	4	27.4
30808 Dup		0.27	0.5	16	1.1	1.4	4	25.2
QCV1111-00347-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5149	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 49**
Description: **3 ACE**

Date Received: 11/02/2011
Date Completed: 11/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32653	Core	0.009	0.26	>10	25.1	980	3.33	0.59	0.29	0.15	28.33	27.3	149	9.60	55.3
32654	Core	0.008	0.24	>10	24.4	944	3.45	0.55	0.27	0.12	28.29	26.4	111	8.91	54.1
32655	Core	0.009	0.25	>10	21.6	899	3.09	0.51	0.60	0.12	26.54	27.9	105	8.22	56.1
32656	Core	0.008	0.20	>10	24.4	864	2.99	0.54	0.74	0.10	52.96	24.6	99	8.26	50.4
32657	Core	0.007	0.20	>10	19.7	871	3.24	0.52	1.06	0.11	42.65	22.6	115	7.99	60.6
32658	Core	0.006	0.20	>10	19.8	926	3.07	0.55	0.78	0.12	36.08	22.0	131	8.20	59.1
29096	Core	0.092	0.22	2.65	726.9	214	0.53	0.12	0.02	0.04	32.69	1.2	205	2.61	5.2
29097	Core	0.041	0.17	4.58	1019.0	256	1.01	0.15	0.03	0.06	48.36	2.5	164	3.91	13.9
29098	Core	0.023	0.21	3.02	1119.2	159	0.80	0.12	0.04	0.12	32.51	5.0	199	2.63	12.5
29099	Core	0.133	0.15	2.54	1634.6	127	0.84	0.14	0.03	0.07	30.88	3.6	233	2.01	7.8
29100	Core	0.028	0.13	3.39	507.4	196	0.79	0.12	0.02	0.04	35.84	4.3	178	2.56	7.6
29101	Core	0.007	0.14	2.21	264.2	97	0.45	0.07	0.01	<0.02	18.18	3.8	271	1.59	6.5
29102	Core	0.044	0.15	1.31	371.9	60	0.29	0.07	0.01	0.06	20.51	2.0	229	1.53	6.6
29103	Core	0.042	0.27	1.51	216.1	64	0.39	0.11	0.01	0.05	18.37	0.7	215	1.39	3.5
29104	Core	0.026	0.12	2.48	346.6	112	0.43	0.12	0.02	0.05	28.24	3.7	216	1.93	8.4
29105	Core	0.035	0.12	2.43	467.3	116	0.53	0.07	0.01	0.06	25.90	3.2	201	2.09	8.0
29106	Core	0.007	0.11	2.21	195.5	104	0.60	0.07	0.01	0.03	25.56	3.3	184	1.42	7.7
29107	Core	0.025	0.52	2.30	356.5	116	0.36	0.12	0.02	0.10	26.96	3.3	152	1.75	7.0
29108	Core	0.016	0.21	1.84	190.4	105	0.48	0.09	0.01	0.12	20.52	2.3	213	1.06	6.4
29109	Core	<0.005	0.12	2.28	91.9	96	0.36	0.09	0.01	0.07	19.05	1.9	244	1.00	8.9
29110	Reject	0.012	0.18	>10	94.5	738	2.68	0.41	0.06	0.37	57.32	18.9	236	6.38	44.3
29111	Pulp	8.102	0.50	3.14	886.2	155	0.70	0.61	>10	3.64	26.39	6.8	94	6.34	32.9
29112	Reject	0.014	0.29	>10	90.9	700	2.06	0.42	0.05	0.39	47.50	18.5	228	6.49	41.8
29113	Core	0.008	0.21	>10	51.0	786	3.07	0.48	0.11	0.07	85.93	23.3	145	6.49	53.5
29114	Core	0.009	0.23	>10	69.5	796	3.47	0.41	0.12	0.07	104.92	19.0	168	6.99	44.7
29115	Core	0.024	0.19	>10	2413.3	666	3.23	0.27	0.09	0.07	47.40	17.9	265	6.27	54.4
29116	Core	0.010	0.17	>10	439.6	741	3.40	0.27	0.19	0.05	90.77	16.7	199	6.79	45.8
29117	Core	0.021	0.18	>10	1129.8	927	4.49	0.35	0.18	0.13	64.25	21.8	169	8.43	51.8
29118	Core	0.014	0.20	>10	389.8	852	4.05	0.45	0.19	0.11	78.31	17.7	182	7.62	41.3
29119	Core	0.021	0.20	<0.01	119.2	969	3.55	0.51	0.14	0.38	65.94	29.8	193	8.26	58.3
29120	Core	0.081	0.13	2.35	91.0	98	0.66	0.13	0.02	0.27	29.14	4.7	247	1.37	6.1
29121	Core	<0.005	0.11	2.89	27.3	122	0.69	0.09	0.03	1.03	38.26	6.4	213	1.52	5.6
29122	Core	0.017	0.19	4.79	145.0	273	1.13	0.20	0.10	1.00	52.73	10.5	215	2.73	19.1
29123	Core	<0.005	0.09	2.37	72.1	100	0.48	0.07	0.02	0.50	30.94	3.3	264	1.29	6.1
29124	Core	<0.005	0.59	2.57	19.4	116	0.69	0.18	0.08	0.35	35.23	4.9	193	1.45	9.2
29125	Core	0.011	0.22	2.95	101.5	143	0.50	0.13	0.03	0.17	37.77	2.1	205	1.71	7.0
29126	Core	0.015	0.17	2.65	43.5	124	0.74	0.18	0.02	0.33	33.56	3.6	207	1.44	8.8
29127	Core	<0.005	0.17	2.31	39.6	103	0.39	0.09	0.02	0.28	22.81	4.3	250	1.17	6.4
29128	Core	0.006	0.09	2.77	29.2	134	0.73	0.12	0.38	0.40	29.19	4.5	213	1.34	9.8
29129	Core	0.245	0.31	5.97	197.2	344	1.83	0.27	0.09	0.90	11.80	15.1	193	2.70	33.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29130	Core	0.024	0.41	<0.01	78.6	1248	4.34	1.20	0.16	0.52	89.48	20.5	157	8.75	41.8
29131	Core	<0.005	0.11	2.16	35.9	92	0.61	0.08	0.02	0.39	20.35	3.7	226	1.23	9.1
29132	Core	<0.005	0.12	5.33	26.7	346	1.35	0.18	0.06	0.38	60.97	7.2	222	2.88	23.9
29133	Core	0.006	0.14	3.50	23.8	192	0.94	0.14	0.03	0.16	30.25	6.3	249	2.27	14.8
29134	Core	0.006	0.19	7.05	24.7	413	2.39	0.24	0.11	0.30	63.44	18.1	204	4.25	33.4
29135	Core	<0.005	0.12	2.58	17.6	113	0.71	0.14	0.03	0.32	31.99	4.4	237	1.69	8.9

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Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32653	Core	4.96	35.14	1.42	2.4	0.09	3.36	15.4	59.7	0.88	387	1.22	0.50	2.5	51.0
32654	Core	4.52	36.10	1.28	2.6	0.09	3.42	14.9	58.4	0.90	475	1.08	0.47	3.9	49.4
32655	Core	4.67	34.21	1.22	2.3	0.09	3.26	14.3	53.2	0.98	644	0.95	0.43	2.8	50.0
32656	Core	5.18	32.57	1.20	2.3	0.08	3.06	29.0	55.9	1.05	799	1.07	0.40	2.5	49.5
32657	Core	5.45	33.20	1.22	2.3	0.08	2.98	22.8	62.8	1.18	1029	1.18	0.40	3.0	48.2
32658	Core	4.79	35.73	1.41	2.3	0.09	3.37	19.2	56.7	1.10	955	0.88	0.47	3.1	42.9
29096	Core	0.69	9.05	1.16	1.6	0.02	0.72	15.3	6.3	0.07	56	0.51	0.05	1.6	4.2
29097	Core	1.72	14.37	1.13	2.4	0.03	1.25	22.6	10.7	0.12	57	0.56	0.06	1.4	7.6
29098	Core	1.67	9.40	1.30	1.8	0.02	0.72	15.2	12.5	0.10	194	0.50	0.17	1.3	11.2
29099	Core	1.78	8.15	1.12	1.4	0.02	0.62	14.7	9.1	0.06	129	0.68	0.05	1.0	10.4
29100	Core	1.66	10.82	1.02	1.6	0.02	0.92	16.6	9.6	0.06	125	0.58	0.06	1.0	10.0
29101	Core	1.34	6.88	0.85	1.1	0.02	0.49	8.5	6.3	0.03	112	0.69	0.04	0.7	11.3
29102	Core	0.92	4.09	1.04	0.7	0.01	0.27	9.5	9.1	0.03	59	0.64	0.03	0.5	8.4
29103	Core	0.45	4.53	1.22	0.9	<0.01	0.33	8.6	5.9	0.04	29	0.59	0.02	0.7	3.3
29104	Core	1.18	7.92	1.00	1.2	0.02	0.58	13.0	10.3	0.04	61	0.54	0.04	0.8	9.2
29105	Core	1.69	7.13	1.00	1.3	0.02	0.70	12.5	8.1	0.04	73	0.54	0.05	0.9	8.6
29106	Core	1.17	6.68	1.06	1.1	0.01	0.55	12.1	10.7	0.03	84	0.65	0.04	0.7	7.8
29107	Core	1.00	7.10	0.83	4.5	0.02	0.53	12.5	12.3	0.04	97	0.63	0.04	1.3	8.0
29108	Core	0.81	5.50	0.83	1.0	0.01	0.39	9.4	8.8	0.03	56	0.57	0.03	0.7	6.2
29109	Core	0.53	6.55	0.87	1.0	0.02	0.46	9.1	8.3	0.03	43	0.60	0.04	1.0	8.4
29110	Reject	4.17	35.63	0.88	3.9	0.07	3.40	30.0	179.7	0.53	462	0.72	0.28	3.0	39.7
29111	Pulp	1.23	7.66	<0.05	2.0	0.06	1.23	16.3	7.2	0.73	261	10.97	<0.01	6.6	55.2
29112	Reject	3.97	33.47	0.93	3.6	0.08	3.29	24.6	173.5	0.55	441	0.68	0.30	2.4	41.2
29113	Core	5.23	36.88	1.34	3.7	0.08	3.90	46.5	57.8	0.99	504	0.53	0.24	3.6	54.5
29114	Core	4.70	40.93	1.46	3.1	0.08	4.27	56.0	49.4	0.99	404	0.57	0.24	2.8	47.6
29115	Core	4.89	34.99	1.78	2.7	0.07	3.27	25.4	68.5	1.00	326	0.66	0.32	2.4	45.7
29116	Core	5.09	38.30	1.74	2.5	0.08	3.64	47.1	45.6	1.11	326	0.62	0.41	2.0	45.3
29117	Core	5.42	44.30	1.64	3.1	0.10	4.72	35.4	47.2	1.19	421	0.49	0.22	3.1	49.9
29118	Core	4.94	37.74	1.29	3.1	0.09	4.42	42.6	44.2	0.85	464	0.51	0.20	3.0	47.2
29119	Core	5.92	45.81	1.51	3.1	0.08	4.90	36.5	47.9	0.50	749	0.73	0.25	3.2	58.5
29120	Core	1.20	6.98	0.96	1.3	0.02	0.52	13.0	10.1	0.04	127	0.72	0.03	0.9	8.8
29121	Core	1.34	8.81	0.80	1.9	0.02	0.66	17.2	12.3	0.08	329	0.50	0.04	1.1	13.9
29122	Core	1.82	16.98	1.01	2.1	0.03	1.35	25.0	13.7	0.11	317	0.59	0.07	1.4	21.7
29123	Core	0.95	7.88	0.84	1.4	0.01	0.52	13.8	22.7	0.04	152	0.55	0.03	0.9	10.5
29124	Core	0.99	8.35	0.88	1.5	0.02	0.55	15.6	15.5	0.06	304	0.51	0.04	0.8	9.3
29125	Core	0.72	10.52	0.95	1.7	0.02	0.71	17.0	10.4	0.05	53	0.54	0.04	1.2	6.9
29126	Core	1.03	8.38	0.75	1.6	0.02	0.59	15.3	21.6	0.05	146	0.51	0.04	1.1	8.1
29127	Core	0.97	6.96	0.74	1.4	0.01	0.52	10.5	26.9	0.04	206	0.55	0.04	0.8	9.4
29128	Core	0.92	8.42	0.84	1.3	0.02	0.64	13.0	11.1	0.05	243	0.50	0.04	0.6	8.4
29129	Core	2.22	20.70	1.40	2.1	0.04	1.71	5.4	20.8	0.11	401	0.56	0.09	1.2	33.2

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11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29130	Core	3.78	53.26	1.12	3.6	0.10	5.84	48.6	21.2	0.33	662	0.95	0.28	3.0	36.9
29131	Core	0.84	6.74	0.90	1.0	0.02	0.45	10.0	9.0	0.03	81	0.48	0.03	0.8	10.0
29132	Core	1.48	18.69	0.94	1.6	0.03	1.67	30.4	14.1	0.10	183	0.61	0.10	1.5	15.5
29133	Core	1.56	11.54	1.21	1.7	0.03	0.93	14.7	12.8	0.06	192	0.62	0.06	1.3	14.6
29134	Core	3.19	23.46	1.06	2.2	0.05	2.08	31.9	19.8	0.33	489	0.65	0.12	2.0	38.4
29135	Core	0.92	8.24	0.94	1.6	0.02	0.61	14.7	17.5	0.07	190	0.51	0.04	1.0	10.7

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Certificate of Analysis

11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32653	Core	201	40.8	195.0	0.004	2.755	6.49	16.8	5.7	2.6	211.1	0.36	0.45	13.1	0.080
32654	Core	209	46.4	188.0	0.003	2.571	6.52	16.9	6.4	2.6	191.5	0.43	0.50	12.7	0.129
32655	Core	256	46.2	186.2	0.004	2.635	5.80	16.2	6.1	2.5	182.9	0.33	0.53	12.4	0.106
32656	Core	203	45.6	166.3	0.002	2.577	4.37	15.9	6.3	2.3	188.8	0.28	0.50	13.3	0.092
32657	Core	278	38.3	165.9	0.003	2.351	3.95	15.8	4.8	2.3	204.9	0.32	0.56	12.7	0.101
32658	Core	219	32.7	184.8	0.003	1.975	3.44	16.0	5.2	2.6	200.7	0.32	0.61	13.1	0.112
29096	Core	63	12.2	43.8	<0.002	0.025	3.63	2.8	8.4	0.9	19.5	0.12	0.39	6.3	0.042
29097	Core	105	9.9	72.2	<0.002	0.123	3.37	4.8	12.9	1.2	17.7	0.13	0.40	13.9	0.045
29098	Core	73	42.8	42.4	<0.002	0.083	3.25	3.2	8.9	0.8	19.0	0.12	0.38	9.3	0.047
29099	Core	152	10.0	35.0	<0.002	0.015	2.66	2.5	11.9	0.8	19.0	0.07	0.40	8.0	0.027
29100	Core	73	9.4	53.7	<0.002	0.018	1.88	3.3	8.9	0.9	24.4	0.09	0.37	8.5	0.032
29101	Core	43	5.9	28.5	<0.002	<0.01	1.70	1.8	10.1	0.7	15.4	0.08	0.35	5.8	0.020
29102	Core	46	9.4	17.1	<0.002	0.013	2.76	1.1	10.2	0.7	32.5	<0.05	0.34	4.0	0.013
29103	Core	<10	14.7	20.7	<0.002	<0.01	2.62	1.0	10.9	1.0	22.5	0.07	0.34	4.5	0.017
29104	Core	77	16.2	33.4	<0.002	0.013	1.93	1.9	14.8	0.9	25.3	0.08	0.37	5.7	0.021
29105	Core	121	12.5	37.3	<0.002	0.011	2.47	2.0	14.4	1.0	25.0	0.08	0.37	7.3	0.027
29106	Core	71	12.3	30.8	<0.002	<0.01	1.78	1.7	12.8	0.8	35.8	0.06	0.35	6.6	0.020
29107	Core	100	13.8	31.5	0.003	<0.01	2.29	1.8	9.7	0.9	35.6	0.14	0.43	8.8	0.017
29108	Core	48	10.0	21.0	<0.002	<0.01	2.37	1.1	8.6	0.7	22.7	0.06	0.34	4.9	0.014
29109	Core	51	10.2	23.3	<0.002	<0.01	1.02	1.6	11.4	0.6	12.2	0.11	0.35	4.3	0.022
29110	Reject	186	20.8	171.4	0.003	0.125	3.58	15.2	6.3	2.6	61.8	0.43	0.39	19.0	0.087
29111	Pulp	4096	6.6	90.2	0.037	1.101	18.76	5.2	12.9	1.5	122.0	0.46	0.78	5.3	0.175
29112	Reject	172	18.2	164.9	0.002	0.152	3.67	14.9	6.9	2.6	62.3	0.33	0.42	17.5	0.075
29113	Core	471	16.4	203.0	<0.002	0.100	3.85	16.9	5.3	2.7	53.2	0.42	0.39	18.9	0.117
29114	Core	569	19.6	219.8	<0.002	0.109	3.48	16.5	6.0	2.9	55.8	0.36	0.42	18.9	0.103
29115	Core	409	15.7	180.4	<0.002	0.405	3.56	13.9	5.9	2.5	54.0	0.25	0.40	14.6	0.089
29116	Core	868	15.3	207.3	0.002	0.355	2.27	15.5	6.2	3.0	69.8	0.24	0.36	16.3	0.083
29117	Core	678	12.8	258.8	<0.002	0.390	2.79	18.7	6.9	3.3	68.2	0.38	0.37	17.2	0.120
29118	Core	924	29.3	228.8	0.002	0.176	2.54	17.4	5.2	2.9	90.5	0.38	0.42	16.8	0.119
29119	Core	697	15.2	239.6	<0.002	0.325	7.33	19.2	5.1	3.3	112.3	0.34	0.43	18.7	0.121
29120	Core	124	8.8	31.4	<0.002	0.012	2.40	1.9	6.8	0.7	26.9	0.08	0.34	6.6	0.026
29121	Core	82	7.9	37.3	<0.002	<0.01	1.18	2.7	6.2	0.8	17.4	0.09	0.33	8.9	0.035
29122	Core	465	9.9	80.8	<0.002	0.054	2.61	5.2	7.0	1.2	29.7	0.12	0.39	11.7	0.048
29123	Core	42	9.6	30.8	<0.002	<0.01	2.18	2.0	8.7	0.6	17.9	0.08	0.32	6.9	0.026
29124	Core	298	15.4	35.1	0.003	0.015	1.83	2.1	6.6	0.7	17.6	0.07	0.34	7.9	0.025
29125	Core	130	13.9	43.6	<0.002	<0.01	4.04	2.7	8.9	0.9	20.4	0.09	0.34	7.1	0.034
29126	Core	90	12.7	35.0	0.002	0.014	1.79	2.4	8.9	0.7	22.3	0.09	0.37	8.3	0.030
29127	Core	34	5.8	29.2	<0.002	<0.01	1.47	2.0	7.8	0.6	16.4	0.07	0.30	6.9	0.026
29128	Core	1795	9.1	35.3	0.002	<0.01	1.51	2.3	4.6	0.7	35.2	0.06	0.32	7.2	0.020
29129	Core	581	23.5	94.7	<0.002	0.010	2.64	6.5	6.7	1.6	68.8	0.21	0.38	10.6	0.045

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Certificate of Analysis

11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29130	Core	1014	30.9	336.9	<0.002	0.033	10.47	22.5	5.5	3.7	114.8	0.32	1.01	20.2	0.121
29131	Core	88	7.8	27.5	<0.002	<0.01	1.69	1.9	10.6	0.7	11.2	0.06	0.33	5.4	0.023
29132	Core	299	12.3	92.5	<0.002	0.011	1.45	6.5	8.7	1.4	31.6	0.12	0.37	9.3	0.049
29133	Core	191	9.8	55.2	<0.002	0.015	1.72	3.9	9.2	1.0	30.1	0.11	0.34	8.0	0.044
29134	Core	472	16.7	122.2	<0.002	0.020	2.43	9.2	7.0	1.7	33.3	0.18	0.34	12.9	0.068
29135	Core	61	9.9	34.3	0.003	0.013	1.55	2.6	7.4	0.7	13.5	0.09	0.36	6.9	0.037

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32653	Core	1.08	3.6	150	1.2	5.3	107	72.5
32654	Core	1.08	3.5	171	1.6	6.0	96	79.8
32655	Core	0.99	3.4	167	1.5	6.0	99	76.2
32656	Core	0.96	3.4	152	1.5	6.0	109	72.1
32657	Core	0.96	3.5	159	1.4	6.1	116	77.7
32658	Core	1.00	3.4	168	1.3	6.4	109	76.5
29096	Core	0.25	1.2	89	3.7	3.6	16	62.1
29097	Core	0.38	2.0	102	2.4	5.9	47	87.5
29098	Core	0.23	1.6	92	2.6	4.3	52	64.7
29099	Core	0.22	1.2	87	1.5	3.6	36	47.2
29100	Core	0.30	1.4	90	1.6	4.0	45	55.9
29101	Core	0.17	0.8	84	1.5	2.0	35	34.1
29102	Core	0.12	0.7	76	0.9	1.7	19	25.1
29103	Core	0.13	0.8	77	1.4	1.8	8	30.2
29104	Core	0.20	1.0	83	1.2	2.5	32	40.4
29105	Core	0.23	1.0	84	1.5	2.9	48	47.9
29106	Core	0.18	0.9	79	1.0	2.8	33	38.2
29107	Core	0.20	1.0	90	1.1	2.9	28	38.5
29108	Core	0.14	0.8	84	0.7	2.0	24	26.1
29109	Core	0.16	0.8	85	0.9	3.7	18	27.9
29110	Reject	0.89	3.8	159	2.3	8.7	107	120.2
29111	Pulp	10.82	7.0	419	30.2	22.7	237	64.5
29112	Reject	0.98	3.6	170	2.2	8.3	104	116.8
29113	Core	1.07	4.5	173	1.5	10.0	137	123.5
29114	Core	1.05	4.1	185	1.4	9.3	121	102.4
29115	Core	0.87	3.5	158	1.3	6.9	120	90.6
29116	Core	0.97	3.7	164	1.0	8.1	119	92.2
29117	Core	1.25	4.2	174	1.6	8.4	125	101.6
29118	Core	1.11	4.2	176	1.3	9.3	128	101.0
29119	Core	1.22	4.9	188	2.1	9.0	142	111.0
29120	Core	0.20	1.2	86	1.2	3.6	38	48.4
29121	Core	0.21	1.4	93	0.9	4.7	37	62.3
29122	Core	0.41	2.4	112	1.4	7.0	59	79.8
29123	Core	0.18	1.3	89	0.9	3.5	30	53.9
29124	Core	0.18	1.4	90	0.7	5.9	27	56.2
29125	Core	0.26	1.5	93	1.2	6.0	29	67.6
29126	Core	0.19	1.5	85	1.0	4.3	35	60.0
29127	Core	0.17	1.2	86	1.0	4.2	34	46.4
29128	Core	0.20	1.5	72	0.8	6.6	33	45.0
29129	Core	0.50	2.7	114	2.0	5.6	109	72.4

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Certificate of Analysis

11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29130	Core	1.52	5.2	214	2.4	11.4	128	125.7
29131	Core	0.17	1.0	84	0.8	2.8	34	37.1
29132	Core	0.47	1.7	113	1.0	5.0	64	56.1
29133	Core	0.29	1.6	104	1.2	5.8	60	58.0
29134	Core	0.56	2.8	126	1.3	7.8	97	77.2
29135	Core	0.18	1.4	90	1.0	4.0	37	56.1

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11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32653	Core		0.26	>10	25.1	980	3.33	0.59	0.29	0.15	28.33	27.3	149	9.60	55.3
32653 Dup			0.25	>10	24.2	989	3.20	0.55	0.29	0.15	34.90	27.5	150	9.46	52.7
QCV1111-00276-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.62	4.34	7616.1	230						11.5			27.8
29108	Core		0.21	1.84	190.4	105	0.48	0.09	0.01	0.12	20.52	2.3	213	1.06	6.4
29108 Dup			0.13	1.82	190.1	78	0.39	0.12	0.01	0.12	16.91	3.5	254	1.05	6.4
QCV1111-00276-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			96.64												6082.9
29126	Core		0.17	2.65	43.5	124	0.74	0.18	0.02	0.33	33.56	3.6	207	1.44	8.8
29126 Dup			0.13	2.56	42.8	123	0.71	0.12	0.02	0.33	28.07	3.7	215	1.44	8.0
QCV1111-00276-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00276-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.07		9.6	421	2.37	8.00		0.27	85.23	24.9		7.02	>10000
32653	Core	0.009													
32653 Dup		0.009													
29108	Core	0.016													
29108 Dup		0.024													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.732													
QCV1111-00277-0004-BLK		<0.005													
29126	Core	0.015													
29126 Dup		0.014													
QCV1111-00277-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.945													

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11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32653	Core	4.96	35.14	1.42	2.4	0.09	3.36	15.4	59.7	0.88	387	1.22	0.50	2.5	51.0
32653 Dup		4.92	33.75	1.36	2.4	0.08	3.49	14.3	61.7	0.89	371	1.20	0.51	2.9	52.8
QCV1111-00276-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.86	497				47.7
29108	Core	0.81	5.50	0.83	1.0	0.01	0.39	9.4	8.8	0.03	56	0.57	0.03	0.7	6.2
29108 Dup		0.82	5.67	1.01	1.2	0.01	0.39	7.8	8.6	0.02	58	0.56	0.02	0.8	6.3
QCV1111-00276-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29126	Core	1.03	8.38	0.75	1.6	0.02	0.59	15.3	21.6	0.05	146	0.51	0.04	1.1	8.1
29126 Dup		1.05	8.65	0.85	1.7	0.02	0.55	13.0	21.6	0.05	147	0.54	0.04	1.0	10.2
QCV1111-00276-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00276-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			22.21		3.7	1.19		42.0	24.4			0.75		14.1	42.4

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11-360-08077-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32653	Core	201	40.8	195.0	0.004	2.755	6.49	16.8	5.7	2.6	211.1	0.36	0.45	13.1	0.080
32653 Dup		218	38.4	198.7	0.003	2.739	6.14	16.7	6.7	2.6	211.3	0.37	0.51	14.1	0.100
QCV1111-00276-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		355	15.5												
29108	Core	48	10.0	21.0	<0.002	<0.01	2.37	1.1	8.6	0.7	22.7	0.06	0.34	4.9	0.014
29108 Dup		38	7.5	20.3	0.002	<0.01	2.42	1.2	11.2	0.7	22.0	0.09	0.34	5.4	0.014
QCV1111-00276-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9663.0												
29126	Core	90	12.7	35.0	0.002	0.014	1.79	2.4	8.9	0.7	22.3	0.09	0.37	8.3	0.030
29126 Dup		77	13.0	35.8	<0.002	0.014	1.83	2.5	8.8	0.6	22.0	0.09	0.32	8.9	0.028
QCV1111-00276-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00276-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			30.1	199.3	0.003	1.287	3.32	11.8		22.2	34.2	1.05	0.38	16.9	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32653	Core	1.08	3.6	150	1.2	5.3	107	72.5
32653 Dup		1.08	3.7	158	1.3	5.8	105	74.5
QCV1111-00276-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		16.99					207	
29108	Core	0.14	0.8	84	0.7	2.0	24	26.1
29108 Dup		0.14	0.8	85	0.8	1.9	24	27.3
QCV1111-00276-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4984	47.0
29126	Core	0.19	1.5	85	1.0	4.3	35	60.0
29126 Dup		0.20	1.6	85	1.0	4.5	33	59.7
QCV1111-00276-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00276-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.82	3.0			27.4	184	125.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 50**
Description: **3 ACE**

Date Received: 10/24/2011
Date Completed: 11/08/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	40	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30815	Core	0.017	0.47	3.45	82.1	161	0.96	0.22	0.07	0.19	23.46	4.0	170	1.88	11.8
30816	Core	0.016	0.47	3.50	99.3	124	0.82	0.15	0.09	0.16	22.13	6.2	156	1.72	15.0
30817	Core	0.042	0.48	>10	254.2	823	3.99	0.73	0.19	0.46	24.07	23.2	223	6.23	118.5
30818	Core	0.059	0.19	2.49	619.9	115	0.77	0.11	0.05	2.13	21.49	4.4	242	2.14	10.1
30819	Core	0.013	0.09	0.70	341.7	31	0.22	0.05	0.02	0.25	5.45	1.6	252	0.54	10.4
30820	Core	0.015	0.25	6.45	259.7	383	1.74	0.48	0.10	0.23	36.32	9.9	172	3.29	39.4
30821	Core	0.013	0.15	6.72	87.8	375	2.03	0.31	0.12	0.59	22.59	12.0	176	3.51	30.1
30822	Core	0.029	0.18	6.00	97.5	348	1.72	0.27	0.05	0.49	33.06	10.2	158	3.86	31.1
30823	Core	0.026	0.18	2.23	64.6	89	0.54	0.08	0.05	0.70	20.67	3.0	196	1.48	7.8
30824	Core	0.072	0.36	8.81	152.1	540	2.89	0.46	0.07	0.31	55.69	19.0	184	4.35	28.5
30825	Core	0.020	0.41	5.28	96.9	290	1.50	0.36	0.07	2.10	43.41	12.3	146	2.65	18.6
30826	Core	0.047	0.24	8.76	123.2	526	2.07	0.43	0.06	0.23	59.34	13.3	142	4.35	24.9
30827	Core	0.060	0.27	7.17	168.7	401	1.99	0.40	0.04	1.13	31.92	12.8	148	5.63	30.5
30828	Reject	0.046	0.35	5.88	124.2	325	1.50	0.23	0.12	0.67	18.17	11.1	144	3.35	24.2
30829	Pulp	8.343	0.42	3.39	898.7	156	0.75	0.67	>10	3.71	30.96	6.1	102	6.35	32.3
30830	Reject	0.052	0.40	5.36	118.0	280	1.56	0.24	0.15	0.52	39.02	14.4	165	3.04	28.8
30831	Core	0.023	0.11	3.88	81.0	191	0.89	0.16	0.09	0.14	28.79	5.7	168	1.80	13.7
30832	Core	0.006	0.19	2.30	70.7	99	0.53	0.13	0.03	0.10	29.97	3.6	178	1.19	9.4
30833	Core	0.009	0.08	2.97	91.0	150	0.74	0.10	0.03	0.08	32.58	3.3	192	1.55	11.0
30834	Core	0.042	0.16	3.22	210.0	176	0.84	0.15	0.02	0.23	18.99	2.6	163	1.66	8.6
30835	Core	0.050	0.17	2.76	427.0	118	0.75	0.15	0.03	0.38	23.75	4.7	237	1.59	8.5
30836	Core	0.081	0.25	>10	384.3	793	3.66	0.55	0.23	1.34	38.43	22.3	210	6.05	46.6
30837	Core	0.034	0.22	>10	271.4	718	3.54	0.50	0.11	0.83	58.54	19.0	112	5.19	45.2
30838	Core	0.054	0.49	>10	294.0	710	3.54	0.43	0.15	1.87	58.30	18.8	105	5.14	44.0
30839	Core	0.102	1.44	>10	745.3	673	3.17	0.41	0.08	8.57	71.11	20.5	126	5.10	21.2
30840	Core	0.129	1.92	4.21	929.5	170	1.06	0.20	0.04	4.09	28.90	4.9	153	3.63	15.3
30841	Core	0.025	0.70	2.34	211.1	105	0.64	0.10	0.03	2.34	26.76	2.8	178	1.52	7.6
30842	Core	0.009	0.21	2.62	37.7	122	0.55	0.12	0.19	1.19	20.81	3.6	181	1.92	10.4
30843	Core	0.007	0.11	2.77	21.2	117	0.57	0.14	0.28	0.38	31.21	4.1	180	1.95	12.4
30844	Core	<0.005	0.09	2.38	41.6	105	0.58	0.12	0.04	0.61	31.94	3.5	229	1.52	11.4
30845	Core	<0.005	0.08	2.24	56.2	100	0.45	0.08	0.03	2.11	25.32	2.9	218	1.43	5.8
30846	Core	<0.005	0.19	2.44	41.9	112	0.53	0.08	0.02	1.01	24.19	2.5	202	1.39	6.8
30847	Core	<0.005	0.12	2.61	11.7	115	0.56	0.10	0.04	0.28	28.28	3.2	177	1.28	9.9
30848	Core	<0.005	0.09	3.00	19.1	134	0.67	0.10	0.05	0.26	38.38	4.0	186	1.59	12.6
30849	Core	0.015	0.38	2.80	74.4	136	0.61	0.14	0.10	0.23	31.53	3.9	297	1.71	19.3
30850	Core	0.030	0.24	2.43	223.2	121	0.51	0.15	0.03	0.75	28.16	5.6	251	1.65	11.6
30851	Core	0.027	0.15	1.30	148.3	76	0.28	0.06	0.01	0.65	14.04	1.7	178	1.00	8.2
30852	Core	0.040	0.10	2.68	327.2	145	0.61	0.08	0.01	1.72	24.37	2.8	177	1.95	6.8
30853	Core	0.029	0.09	2.95	154.7	154	0.73	0.08	0.03	0.70	26.41	3.4	198	1.76	7.5
30854	Core	0.154	0.28	9.78	478.2	580	3.30	0.24	0.12	1.56	43.50	23.4	195	5.14	11.1

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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
30855	Core	0.144	0.42	>10	340.2	827	3.81	0.33	0.20	1.89	43.69	19.8	132	6.96	72.9
30856	Core	0.079	0.31	>10	143.2	726	3.30	0.46	0.18	1.10	45.68	16.6	114	5.55	50.0
30857	Core	0.007	0.15	>10	30.5	711	3.38	0.54	0.34	0.15	82.01	20.1	106	4.87	44.9

3Ace Property, Northern Tiger Resources Inc.
Vol 9-131
Buchanan et al., 2011

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30815	Core	1.13	7.76	1.22	1.9	0.03	0.96	7.7	17.5	0.08	264	0.95	0.05	3.0	9.7
30816	Core	2.41	7.58	1.10	2.1	0.02	0.72	7.6	21.8	0.14	676	1.62	0.04	1.2	17.1
30817	Core	5.87	30.52	1.27	4.5	0.10	4.72	13.1	26.2	0.63	746	0.95	0.17	3.4	48.3
30818	Core	2.13	5.64	1.24	1.3	0.04	0.86	10.6	18.6	0.12	223	0.93	0.04	0.8	13.2
30819	Core	0.68	1.67	1.12	0.3	0.01	0.23	1.5	26.2	0.05	78	0.64	0.01	0.3	8.3
30820	Core	2.72	15.25	1.15	2.0	0.04	2.12	13.8	39.5	0.38	414	0.80	0.11	1.4	25.5
30821	Core	3.51	15.29	1.08	2.1	0.04	2.15	9.0	79.0	0.44	593	1.76	0.13	1.1	31.0
30822	Core	2.36	13.69	1.02	2.0	0.04	2.04	13.7	99.4	0.27	328	1.49	0.13	1.3	23.2
30823	Core	1.49	4.58	1.10	0.9	0.05	0.71	7.7	13.3	0.12	374	0.57	0.04	0.7	11.0
30824	Core	3.76	19.92	1.15	3.2	0.06	3.41	27.1	21.6	0.32	479	0.68	0.14	2.1	34.5
30825	Core	2.73	11.57	0.99	2.2	0.11	1.85	20.3	40.1	0.24	464	0.66	0.10	1.3	25.4
30826	Core	2.88	19.15	1.01	2.8	0.06	3.24	27.9	21.1	0.27	343	0.98	0.14	1.8	28.1
30827	Core	3.58	15.74	1.12	2.4	0.08	2.50	12.4	87.5	0.20	546	0.60	0.11	1.6	31.8
30828	Reject	2.83	12.96	1.04	1.8	0.05	2.05	6.2	17.3	0.23	408	1.15	0.09	0.9	27.1
30829	Pulp	1.34	6.38	0.27	2.2	0.06	1.45	16.5	9.8	0.79	286	10.45	<0.01	6.6	63.4
30830	Reject	3.11	11.88	1.15	1.8	0.04	1.86	16.9	16.6	0.22	460	0.69	0.08	1.2	29.5
30831	Core	2.19	8.38	1.10	1.4	0.02	1.26	14.0	25.0	0.18	469	1.01	0.06	0.8	14.2
30832	Core	0.93	4.71	1.00	1.3	0.01	0.62	11.8	30.1	0.05	253	0.82	0.04	0.7	8.7
30833	Core	0.98	6.44	0.99	1.9	0.01	0.89	12.9	11.8	0.05	176	0.77	0.05	1.1	9.5
30834	Core	1.21	7.30	1.03	1.9	0.02	1.17	6.5	9.7	0.09	264	0.62	0.05	0.8	7.4
30835	Core	2.06	5.88	0.92	1.6	0.05	0.87	13.5	20.3	0.06	178	0.42	0.04	0.8	8.2
30836	Core	7.50	30.33	1.32	3.2	0.09	5.41	23.7	34.0	0.69	1260	0.59	0.22	2.1	50.0
30837	Core	5.11	27.12	1.35	3.0	0.08	4.68	30.3	40.1	0.62	780	0.49	0.23	2.6	47.5
30838	Core	4.82	27.09	1.37	3.2	0.09	4.56	28.5	37.7	0.60	652	0.52	0.23	2.6	45.7
30839	Core	5.10	25.57	1.18	3.2	0.25	4.48	36.1	27.4	0.35	908	0.93	0.21	2.7	44.1
30840	Core	2.16	9.36	1.30	1.4	0.25	1.41	11.0	6.6	0.24	45	1.41	0.12	1.1	13.1
30841	Core	1.04	4.79	1.12	1.5	0.10	0.84	9.8	8.4	0.09	132	0.53	0.05	0.8	8.0
30842	Core	1.10	5.59	1.05	1.8	0.06	0.80	8.1	12.2	0.16	417	0.52	0.23	0.9	9.3
30843	Core	1.19	5.80	1.01	1.8	0.02	0.73	13.0	33.0	0.20	493	0.48	0.43	0.8	9.1
30844	Core	1.02	5.14	1.10	1.7	0.03	0.63	12.1	10.6	0.08	171	0.53	0.07	0.8	9.3
30845	Core	0.74	4.66	1.22	1.5	0.05	0.62	10.1	14.7	0.06	163	0.43	0.04	0.7	9.3
30846	Core	0.92	5.12	1.06	1.5	0.03	0.69	9.1	22.7	0.07	211	0.39	0.05	0.7	6.4
30847	Core	1.09	5.62	0.96	1.6	0.02	0.70	11.7	14.5	0.11	371	0.47	0.04	0.7	7.3
30848	Core	1.35	6.61	1.19	2.1	0.02	0.80	15.5	33.3	0.14	576	0.40	0.05	0.8	10.0
30849	Core	1.99	6.41	1.11	4.4	0.03	0.86	16.5	22.2	0.14	834	0.81	0.04	1.7	10.0
30850	Core	1.60	5.67	1.20	1.9	0.03	0.86	14.3	23.3	0.07	120	0.50	0.03	1.1	8.9
30851	Core	0.64	3.23	1.45	0.9	0.02	0.52	5.0	6.2	0.04	33	0.75	0.02	0.7	5.9
30852	Core	0.88	6.34	1.43	1.9	0.02	1.07	8.4	12.3	0.08	61	0.56	0.04	1.0	8.2
30853	Core	1.01	6.56	1.36	1.6	0.03	1.07	10.5	38.2	0.08	250	0.59	0.05	0.9	11.6
30854	Core	4.67	21.84	1.19	2.3	0.08	3.75	19.8	69.5	0.35	449	0.80	0.18	1.7	36.1

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Certificate of Analysis

11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30855	Core	5.27	31.64	1.28	3.3	0.11	5.59	19.8	32.1	0.74	776	0.58	0.22	2.3	52.4
30856	Core	4.59	28.14	1.21	2.8	0.08	4.76	22.3	31.7	0.69	483	0.78	0.21	2.3	44.3
30857	Core	5.46	27.86	1.43	3.0	0.08	4.58	43.7	46.8	1.11	448	0.66	0.22	2.3	51.7

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Certificate of Analysis

11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30815	Core	504	24.1	49.8	0.005	0.096	1.03	3.8	5.5	1.4	22.5	0.21	0.94	8.7	0.030
30816	Core	562	11.6	38.5	0.011	0.163	1.04	4.2	5.0	1.3	16.4	0.18	0.86	10.2	0.031
30817	Core	536	55.9	218.8	0.004	0.998	4.85	17.8	5.3	3.1	55.6	0.51	1.00	18.1	0.154
30818	Core	159	142.1	48.1	0.007	0.988	1.37	3.1	5.8	8.6	16.4	0.09	0.81	6.4	0.032
30819	Core	39	13.1	12.6	<0.002	0.169	0.95	0.9	6.9	3.1	4.1	<0.05	0.84	1.1	0.008
30820	Core	325	176.7	100.0	0.006	0.351	2.10	7.9	5.4	1.8	26.6	0.18	0.83	10.4	0.064
30821	Core	487	25.7	98.5	0.009	0.315	1.87	8.8	7.1	1.8	46.4	0.15	0.87	10.7	0.055
30822	Core	197	20.8	98.7	0.007	0.382	2.09	7.8	6.2	1.7	41.3	0.14	0.87	10.9	0.057
30823	Core	160	64.4	36.6	0.004	0.399	0.86	2.4	6.0	5.7	11.1	0.08	0.80	5.1	0.023
30824	Core	267	43.2	152.6	0.003	2.406	2.99	11.5	5.5	4.3	40.2	0.21	0.88	16.8	0.107
30825	Core	316	236.2	86.4	0.004	1.023	2.04	6.6	5.5	5.5	33.2	0.13	0.88	11.3	0.059
30826	Core	296	32.6	148.8	0.007	1.288	3.11	11.2	5.1	3.8	44.6	0.21	0.84	15.4	0.090
30827	Core	329	34.9	118.7	0.004	0.905	2.90	9.7	5.7	4.1	35.6	0.16	0.90	13.0	0.074
30828	Reject	522	60.8	97.8	0.006	1.150	1.99	7.1	5.8	5.3	45.2	0.11	0.85	10.2	0.047
30829	Pulp	4402	6.1	107.0	0.044	1.283	18.30	5.5	11.0	1.7	133.9	0.39	1.32	6.5	0.246
30830	Reject	610	65.2	85.2	0.003	1.382	1.94	6.6	4.9	4.6	42.2	0.11	0.82	10.6	0.052
30831	Core	366	17.0	53.4	0.004	0.298	1.18	4.1	5.4	1.8	24.4	0.08	0.87	8.5	0.038
30832	Core	168	16.3	29.8	<0.002	0.050	0.87	1.9	5.5	0.8	13.7	0.06	0.80	8.0	0.026
30833	Core	208	8.4	42.5	<0.002	0.091	0.93	2.9	6.6	1.1	16.7	0.10	0.79	11.0	0.042
30834	Core	98	36.2	55.1	0.004	0.635	1.26	3.0	6.2	2.0	16.1	0.08	0.85	9.1	0.035
30835	Core	233	31.7	42.9	<0.002	0.943	1.63	2.7	7.5	1.9	16.3	0.07	0.82	9.2	0.037
30836	Core	854	35.8	219.8	0.002	2.445	2.90	18.2	4.3	4.0	85.2	0.24	0.82	19.6	0.149
30837	Core	507	29.5	195.4	0.003	0.910	2.83	17.1	4.1	3.3	60.2	0.26	0.90	18.5	0.141
30838	Core	674	73.1	195.1	0.004	1.403	3.49	16.8	4.3	4.2	69.4	0.26	0.83	18.9	0.138
30839	Core	609	876.7	195.2	0.007	2.681	5.05	16.1	4.8	7.9	95.1	0.25	0.85	19.1	0.139
30840	Core	325	1048.8	70.9	0.009	1.953	4.99	4.8	10.0	7.1	46.4	0.10	0.76	8.4	0.052
30841	Core	114	184.4	43.6	<0.002	0.440	1.71	2.0	7.1	7.4	12.0	0.08	0.81	7.9	0.029
30842	Core	94	86.6	40.3	0.002	0.174	1.58	2.4	7.2	2.5	19.4	0.08	0.85	9.8	0.025
30843	Core	245	27.6	34.9	0.002	0.127	1.65	2.3	6.1	1.3	30.4	0.07	0.77	10.3	0.029
30844	Core	114	18.7	32.1	0.002	0.079	1.24	2.2	6.3	1.2	11.3	0.07	0.83	10.1	0.028
30845	Core	100	26.4	31.0	0.003	0.026	1.25	1.9	6.7	1.0	10.3	0.06	0.77	8.0	0.026
30846	Core	75	90.6	34.0	0.003	0.030	1.14	2.1	5.3	1.3	13.4	0.05	0.77	8.2	0.028
30847	Core	90	13.6	34.4	<0.002	0.070	0.99	2.4	4.3	1.3	15.1	0.06	0.81	8.2	0.030
30848	Core	129	11.1	39.7	<0.002	0.069	1.10	3.1	4.2	1.4	18.8	0.08	0.77	12.0	0.034
30849	Core	241	10.8	41.3	0.003	0.395	1.43	2.9	4.9	1.5	18.9	0.23	0.88	11.5	0.041
30850	Core	139	131.8	46.0	0.005	0.864	1.60	2.4	7.2	4.8	23.0	0.12	0.85	9.4	0.037
30851	Core	60	4.9	29.1	0.003	0.351	1.18	1.4	8.3	3.3	16.0	0.07	0.84	4.5	0.021
30852	Core	78	12.5	55.9	0.002	0.508	2.09	2.9	11.8	6.9	26.2	0.10	0.77	10.0	0.033
30853	Core	144	11.9	56.1	0.003	0.413	1.70	2.8	6.5	3.9	26.0	0.09	0.80	9.1	0.033
30854	Core	689	62.2	169.4	0.005	2.828	3.83	12.5	5.5	10.3	74.4	0.20	0.82	16.2	0.088

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30855	Core	838	41.1	245.8	<0.002	2.344	3.86	19.2	5.3	9.3	62.7	0.31	0.77	18.8	0.134
30856	Core	578	46.0	212.2	0.004	1.047	2.17	17.8	4.5	3.3	61.7	0.27	0.81	17.9	0.124
30857	Core	1473	24.0	195.7	0.003	0.220	1.79	17.0	4.3	2.6	65.4	0.29	0.82	19.8	0.132

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30815	Core	0.29	2.4	29	1.2	4.0	43	42.5
30816	Core	0.24	2.1	32	1.3	4.2	53	53.1
30817	Core	1.13	4.9	184	2.9	7.3	163	112.6
30818	Core	0.28	1.3	30	1.4	2.8	98	35.8
30819	Core	0.09	0.3	7	0.4	0.7	27	9.0
30820	Core	0.56	2.5	70	1.3	4.0	80	51.9
30821	Core	0.54	2.9	75	1.6	4.9	96	59.0
30822	Core	0.56	2.6	63	1.6	3.9	83	56.7
30823	Core	0.21	0.9	20	0.7	2.1	101	23.0
30824	Core	0.82	3.7	97	2.7	6.3	72	90.9
30825	Core	0.47	2.5	54	1.5	4.7	272	57.8
30826	Core	0.80	3.4	89	2.1	5.5	71	72.7
30827	Core	0.67	2.9	73	2.3	5.3	177	67.9
30828	Reject	0.51	2.3	59	1.3	4.3	90	51.3
30829	Pulp	11.94	8.4	435	34.3	23.0	263	68.4
30830	Reject	0.58	2.1	54	1.4	4.7	83	47.7
30831	Core	0.36	1.6	39	1.1	3.4	60	39.9
30832	Core	0.21	1.4	19	0.8	2.9	36	39.0
30833	Core	0.27	1.7	27	1.0	3.7	34	51.5
30834	Core	0.33	1.5	31	1.0	3.5	37	53.7
30835	Core	0.26	1.5	34	1.0	3.4	69	48.2
30836	Core	1.24	5.3	193	2.3	7.9	185	94.3
30837	Core	1.09	4.7	138	1.6	7.5	179	87.7
30838	Core	1.09	5.1	139	1.7	8.1	180	91.3
30839	Core	1.07	5.6	130	3.0	9.0	496	94.7
30840	Core	0.40	2.1	45	2.0	3.8	290	44.0
30841	Core	0.24	1.5	20	1.6	3.0	186	43.3
30842	Core	0.25	1.6	27	1.1	3.5	143	51.8
30843	Core	0.21	1.6	28	1.3	4.0	83	55.1
30844	Core	0.18	1.6	21	1.2	3.6	71	53.6
30845	Core	0.18	1.4	20	1.1	3.0	123	43.0
30846	Core	0.19	1.3	22	1.0	3.1	97	45.5
30847	Core	0.20	1.3	25	0.8	3.6	39	51.3
30848	Core	0.22	1.7	30	1.2	4.6	36	61.7
30849	Core	0.24	1.6	37	2.3	4.6	38	63.4
30850	Core	0.26	1.5	28	1.4	3.8	70	53.0
30851	Core	0.19	0.7	13	1.3	1.7	13	27.4
30852	Core	0.31	1.6	26	1.4	3.8	23	55.7
30853	Core	0.29	1.6	27	1.6	3.5	32	48.1
30854	Core	0.89	3.8	102	3.1	6.4	138	66.1

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30855	Core	1.31	5.7	156	3.7	8.3	157	94.7
30856	Core	1.15	4.7	139	1.4	6.9	160	84.8
30857	Core	1.01	4.6	152	0.9	8.7	145	88.3

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30815	Core		0.47	3.45	82.1	161	0.96	0.22	0.07	0.19	23.46	4.0	170	1.88	11.8
30815 Dup			0.52	3.46	83.8	166	0.84	0.20	0.08	0.21	27.53	3.9	173	1.84	11.3
QCV1110-02128-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-12 expected			52.50												4280.0
STD-CDN-ME-12 result			53.14	7.85					0.88						4237.5
30833	Core		0.08	2.97	91.0	150	0.74	0.10	0.03	0.08	32.58	3.3	192	1.55	11.0
30833 Dup			0.07	2.92	100.2	154	0.67	0.11	0.02	0.10	22.91	3.3	215	1.59	10.8
QCV1110-02128-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6061.2
30851	Core		0.15	1.30	148.3	76	0.28	0.06	0.01	0.65	14.04	1.7	178	1.00	8.2
30851 Dup			0.08	1.29	138.8	75	0.29	0.05	<0.01	0.64	12.30	1.7	216	0.98	7.8
QCV1110-02128-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.67	8.18	7.1	394	2.99	2.46	0.55	0.02	89.47	16.4		6.47	2268.3
30815	Core	0.017													
30815 Dup		0.017													
30833	Core	0.009													
30833 Dup		0.014													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.836													
QCV1110-02129-0004-BLK		0.007													
30851	Core	0.027													
30851 Dup		0.034													

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30815	Core	1.13	7.76	1.22	1.9	0.03	0.96	7.7	17.5	0.08	264	0.95	0.05	3.0	9.7
30815 Dup		1.13	7.51	1.25	2.1	0.03	0.97	10.3	17.8	0.08	264	0.91	0.05	1.5	9.8
QCV1110-02128-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-12 expected							3.89			0.78			1.11		
STD-CDN-ME-12 result		5.08					4.94			0.95			1.39		
30833	Core	0.98	6.44	0.99	1.9	0.01	0.89	12.9	11.8	0.05	176	0.77	0.05	1.1	9.5
30833 Dup		0.95	6.35	0.98	1.7	0.02	0.85	8.9	12.5	0.05	172	1.48	0.05	0.9	9.8
QCV1110-02128-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30851	Core	0.64	3.23	1.45	0.9	0.02	0.52	5.0	6.2	0.04	33	0.75	0.02	0.7	5.9
30851 Dup		0.62	3.09	1.34	1.0	0.02	0.53	5.0	5.6	0.04	32	0.61	0.02	0.6	6.4
QCV1110-02128-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.51	18.84		3.9	0.32	2.96	42.6	27.1	1.64		0.95	0.53	13.2	36.3

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11-360-08080-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30815	Core	504	24.1	49.8	0.005	0.096	1.03	3.8	5.5	1.4	22.5	0.21	0.94	8.7	0.030
30815 Dup		507	24.7	49.2	0.004	0.097	0.99	3.4	6.3	1.4	22.7	0.21	0.90	7.5	0.034
QCV1110-02128-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-12 expected			2220.0			2.300									0.300
STD-CDN-ME-12 result			2324.5			2.623									0.274
30833	Core	208	8.4	42.5	<0.002	0.091	0.93	2.9	6.6	1.1	16.7	0.10	0.79	11.0	0.042
30833 Dup		180	8.4	43.2	0.007	0.089	0.97	2.9	6.4	1.2	17.4	0.09	0.81	10.6	0.034
QCV1110-02128-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
30851	Core	60	4.9	29.1	0.003	0.351	1.18	1.4	8.3	3.3	16.0	0.07	0.84	4.5	0.021
30851 Dup		41	4.7	29.0	0.005	0.335	1.15	1.4	9.5	3.3	15.7	0.07	0.84	4.3	0.020
QCV1110-02128-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		738	10.3	195.0	0.004	0.253	1.17	12.5		10.4	35.2	0.96		18.7	0.410

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30815	Core	0.29	2.4	29	1.2	4.0	43	42.5
30815 Dup		0.30	2.2	29	1.0	4.3	44	45.0
QCV1110-02128-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-12 expected							2750	
STD-CDN-ME-12 result							2711	
30833	Core	0.27	1.7	27	1.0	3.7	34	51.5
30833 Dup		0.25	1.6	26	1.0	3.4	34	47.4
QCV1110-02128-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4979	
30851	Core	0.19	0.7	13	1.3	1.7	13	27.4
30851 Dup		0.16	0.7	13	0.9	1.6	13	28.0
QCV1110-02128-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.84	3.3		2.3	24.8	89	120.7

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 51**
Description: **3 ACE**

Date Received: 10/31/2011
Date Completed: 11/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	40	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30858	Core	0.009	0.34	>10	30.3	873	3.28	0.48	0.17	0.39	49.79	18.8	126	5.98	51.5
30859	Core	0.013	0.31	>10	71.8	807	2.88	0.51	0.39	0.24	68.34	24.8	119	6.38	55.3
30860	Core	<0.005	0.23	>10	30.5	773	3.06	0.46	0.21	0.05	91.28	17.8	128	5.78	58.1
30861	Core	0.006	0.21	>10	34.7	825	3.42	0.47	0.14	0.07	98.37	19.3	124	5.84	53.3
30862	Core	0.023	0.20	>10	45.9	805	2.94	0.46	0.19	0.04	85.47	19.3	127	5.25	51.7
30863	Core	<0.005	0.18	>10	19.2	826	3.20	0.49	0.25	0.09	116.64	17.2	117	5.56	57.4
30864	Core	0.005	0.19	>10	36.0	806	2.90	0.49	0.10	0.12	88.72	17.7	124	5.47	58.1
30865	Reject	0.007	0.43	>10	33.5	808	2.91	0.52	0.16	0.08	93.90	19.7	126	5.79	48.8
30866	Reject	<0.005	0.27	>10	23.9	802	3.14	0.60	0.16	0.09	115.33	18.6	121	5.75	54.3
30867	Core	<0.005	0.25	0.07	<0.2	14	0.07	0.05	>10	0.06	1.14	1.5	12	0.25	2.8
30868	Core	<0.005	0.16	>10	19.6	796	3.11	0.45	0.20	0.11	99.34	17.5	105	5.37	57.1
30869	Core	<0.005	0.17	>10	25.8	769	2.84	0.53	0.27	0.12	102.95	20.3	129	5.99	54.2
30870	Core	<0.005	0.18	>10	21.4	806	3.43	0.47	0.12	0.17	112.45	19.1	113	5.95	53.7
30871	Core	<0.005	0.15	>10	24.8	760	2.81	0.43	0.14	0.16	103.08	19.6	128	5.43	47.4
30872	Core	0.006	0.17	>10	35.7	825	3.20	0.44	0.17	0.06	71.68	22.5	129	6.09	39.5
30873	Core	0.011	0.17	8.61	51.9	492	2.28	0.24	0.20	0.09	62.40	17.4	128	3.95	38.1
30874	Core	<0.005	0.17	>10	29.4	816	2.94	0.45	0.17	0.30	106.40	18.9	107	6.18	66.5
30875	Core	<0.005	0.37	>10	28.0	800	3.02	0.41	0.16	0.17	105.44	19.6	101	6.14	45.2
30876	Core	0.006	0.29	>10	30.7	789	2.76	0.53	0.27	0.31	89.56	18.4	159	5.73	96.6
30877	Core	0.008	0.43	>10	40.9	688	2.62	0.93	0.26	0.40	54.74	20.2	207	5.24	60.9
30878	Core	0.014	0.24	1.93	54.9	84	0.34	0.09	0.05	0.87	20.92	3.7	218	0.97	8.5
30879	Core	0.006	0.12	2.76	29.8	153	0.69	0.10	0.17	0.05	34.11	3.6	210	1.37	10.5
30880	Core	0.030	0.24	5.52	111.0	357	1.05	0.19	0.04	0.19	41.01	8.7	176	2.95	31.3
30881	Core	0.010	0.14	2.77	37.5	134	0.72	0.11	0.07	0.16	26.89	6.5	194	1.36	39.5
30882	Core	0.006	0.30	>10	51.6	739	2.55	0.43	0.25	0.19	83.21	19.1	154	5.67	46.8
30883	Core	0.104	0.34	>10	429.6	878	3.08	0.40	0.24	0.14	83.85	19.4	149	6.72	63.4
30884	Core	0.064	0.40	>10	225.1	794	2.57	0.43	0.45	0.09	80.60	20.2	129	6.30	66.4
30885	Core	0.023	0.30	>10	104.2	799	2.75	0.59	0.35	0.06	96.18	19.5	118	5.12	56.0
30886	Core	0.006	0.28	>10	38.1	788	2.63	0.50	0.66	0.10	112.21	19.3	120	5.25	54.9
30887	Core	<0.005	0.38	>10	31.3	811	2.79	0.47	0.12	0.07	109.02	19.5	117	4.90	60.2
30888	Core	<0.005	0.21	>10	26.9	829	3.07	0.45	0.19	0.10	106.56	19.0	124	5.03	58.9
30889	Core	<0.005	0.39	>10	26.9	708	3.04	0.46	0.22	0.09	94.76	18.9	127	4.78	55.3
30890	Core	<0.005	0.21	>10	22.3	780	2.87	0.38	0.67	0.07	123.87	17.9	116	5.00	53.5
30891	Core	0.006	0.66	>10	32.3	733	2.47	0.59	0.13	0.08	99.48	24.2	116	4.86	48.3
30892	Core	<0.005	0.30	>10	27.1	815	3.16	0.46	0.14	0.07	68.46	17.2	119	5.62	54.2
30893	Core	<0.005	0.23	>10	26.5	796	2.86	0.48	0.18	0.09	86.27	18.6	115	5.54	52.2
30894	Core	<0.005	0.18	>10	24.5	795	3.45	0.41	0.25	0.05	64.66	19.1	105	5.73	50.2
30895	Core	<0.005	0.17	>10	24.7	885	3.28	0.50	0.18	0.11	64.20	19.0	129	6.34	56.3
30896	Core	0.010	0.14	2.21	22.9	122	0.55	0.08	0.07	0.40	17.69	4.9	188	1.37	10.5
30897	Core	0.033	0.27	6.25	64.9	404	1.55	0.20	0.59	0.22	33.15	16.4	178	2.94	19.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
30898	Core	0.032	0.26	4.96	41.3	291	1.13	0.20	0.31	0.25	26.08	13.7	188	2.41	19.4
30899	Core	0.056	0.34	6.87	74.5	448	1.57	0.25	0.32	0.80	32.09	14.0	154	3.41	28.6

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11-360-08081-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30858	Core	5.38	41.17	1.21	2.4	0.10	4.25	28.7	46.4	1.08	439	0.67	0.21	1.8	46.7
30859	Core	5.88	37.96	0.86	2.5	0.09	4.31	37.5	194.1	1.29	647	0.71	0.31	2.2	51.2
30860	Core	5.69	35.95	1.13	2.8	0.09	3.77	49.0	94.8	1.17	518	0.46	0.22	1.7	48.0
30861	Core	4.97	38.60	1.25	2.9	0.09	4.32	52.3	81.8	1.13	435	0.45	0.25	2.8	46.3
30862	Core	5.70	37.59	1.38	2.7	0.08	4.09	45.6	51.7	1.26	504	0.40	0.22	2.7	48.6
30863	Core	5.33	38.84	1.27	2.7	0.09	4.13	60.8	135.5	1.23	465	0.43	0.24	2.4	45.8
30864	Core	5.58	38.34	1.17	2.7	0.09	3.99	48.7	55.6	1.25	499	0.45	0.23	2.2	49.7
30865	Reject	5.39	40.88	1.24	2.7	0.09	3.99	51.1	55.2	1.20	474	0.44	0.24	2.1	49.0
30866	Reject	5.49	37.77	1.19	2.7	0.09	4.04	60.8	53.7	1.21	498	0.43	0.24	2.6	46.5
30867	Core	0.48	0.83	<0.05	<0.1	0.01	0.02	0.7	1.2	>10	220	0.06	<0.01	0.2	2.5
30868	Core	5.79	34.03	1.43	2.7	0.08	3.92	52.7	46.7	1.20	563	0.38	0.23	1.8	48.0
30869	Core	5.19	39.23	1.25	2.8	0.08	3.74	54.5	89.8	1.11	503	0.46	0.24	2.3	46.9
30870	Core	5.18	39.40	1.21	2.9	0.09	3.85	61.2	59.1	1.15	478	0.44	0.25	2.7	45.9
30871	Core	5.10	37.90	1.32	2.9	0.07	3.59	53.6	57.6	1.05	464	0.73	0.22	2.2	45.2
30872	Core	5.42	40.40	1.17	2.8	0.08	3.88	40.0	40.6	0.98	571	0.95	0.23	2.1	47.2
30873	Core	6.13	27.45	1.14	3.1	0.06	2.28	30.5	41.2	0.93	616	0.42	0.14	2.0	50.7
30874	Core	4.79	40.67	1.12	3.4	0.09	3.84	56.8	53.6	0.77	499	0.47	0.26	2.4	46.4
30875	Core	5.30	38.19	1.07	3.6	0.08	4.06	55.9	36.9	1.02	608	0.51	0.28	3.1	48.6
30876	Core	5.71	39.08	1.26	3.3	0.09	3.58	48.8	38.2	0.93	743	0.83	0.23	2.6	42.9
30877	Core	4.87	33.95	1.17	3.5	0.07	3.18	30.6	57.3	0.72	956	0.67	0.19	2.0	43.8
30878	Core	1.13	6.09	0.49	0.8	0.04	0.48	10.0	21.1	0.12	351	0.58	0.04	0.7	9.0
30879	Core	1.27	9.64	0.55	1.3	0.02	0.72	15.0	18.7	0.15	407	0.48	0.05	0.9	9.0
30880	Core	2.05	19.02	0.73	3.0	0.03	1.83	21.1	16.7	0.25	487	0.64	0.10	1.8	16.6
30881	Core	1.57	9.46	0.88	1.4	0.02	0.66	13.0	14.4	0.16	503	0.48	0.04	0.9	12.9
30882	Core	5.09	37.85	1.12	3.3	0.08	3.41	44.7	64.3	0.78	828	0.65	0.19	2.7	46.9
30883	Core	5.82	44.98	1.25	3.2	0.09	4.24	45.4	96.7	1.04	768	0.57	0.25	2.9	56.1
30884	Core	5.83	40.41	1.20	3.0	0.08	3.92	44.0	169.6	1.20	887	0.48	0.23	2.8	50.5
30885	Core	5.23	41.24	1.32	3.0	0.09	3.82	51.2	50.7	1.10	486	0.46	0.19	2.9	48.3
30886	Core	5.64	38.66	1.47	2.8	0.09	3.77	57.1	59.5	1.23	525	0.42	0.19	3.4	49.2
30887	Core	5.67	38.36	1.50	3.2	0.09	4.01	57.4	61.3	1.29	479	0.63	0.20	4.1	48.6
30888	Core	5.53	39.90	1.34	2.9	0.10	4.07	56.6	59.3	1.25	475	0.50	0.21	3.3	48.6
30889	Core	6.19	36.98	1.49	2.9	0.09	3.41	48.7	60.7	1.30	573	0.47	0.18	2.7	50.7
30890	Core	5.36	38.27	1.35	3.0	0.08	3.65	63.1	56.8	1.15	472	0.48	0.20	2.9	45.9
30891	Core	5.40	38.19	1.40	3.0	0.08	3.65	50.6	54.2	1.20	455	0.49	0.21	4.0	47.8
30892	Core	5.26	40.30	1.13	2.7	0.09	4.06	37.1	59.0	1.23	447	0.48	0.23	2.9	48.2
30893	Core	5.69	38.84	1.33	3.0	0.09	3.77	47.2	60.9	1.27	456	0.46	0.21	3.4	50.7
30894	Core	5.75	36.57	1.14	2.8	0.08	3.70	35.6	54.9	1.21	453	0.40	0.19	2.6	50.4
30895	Core	5.17	43.60	1.17	2.6	0.09	4.13	36.5	52.6	1.06	442	0.44	0.21	2.6	49.7
30896	Core	1.86	7.25	0.56	0.7	0.02	0.65	8.4	20.4	0.12	690	1.31	0.03	0.6	10.4
30897	Core	2.34	21.50	0.64	2.6	0.04	2.06	14.7	16.8	0.17	560	0.99	0.10	1.7	20.3

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11-360-08081-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30898	Core	2.81	16.39	0.49	2.0	0.04	1.50	12.1	20.5	0.18	858	1.26	0.08	1.3	20.8
30899	Core	2.72	24.00	0.75	2.8	0.06	2.17	15.7	20.5	0.20	719	0.81	0.11	2.5	25.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30858	Core	555	21.4	218.4	<0.002	0.451	3.64	18.9	5.8	2.8	59.0	0.32	0.38	16.4	0.077
30859	Core	476	44.3	195.2	<0.002	0.839	6.33	17.6	4.7	2.7	68.2	0.25	0.52	16.4	0.090
30860	Core	424	30.3	188.4	0.004	0.123	2.10	17.4	5.3	2.5	57.5	0.24	0.44	18.2	0.071
30861	Core	494	25.2	185.0	0.003	0.184	2.23	18.2	5.8	2.6	60.0	0.29	0.45	18.3	0.097
30862	Core	719	28.1	187.7	<0.002	0.325	2.22	17.2	5.5	2.6	62.1	0.28	0.43	17.3	0.098
30863	Core	1039	26.6	197.2	<0.002	0.094	1.68	17.7	5.4	2.7	65.6	0.26	0.42	18.6	0.095
30864	Core	381	21.7	185.0	<0.002	0.202	1.92	18.2	4.9	2.6	57.5	0.25	0.37	18.5	0.092
30865	Reject	667	27.6	200.4	0.003	0.182	2.17	18.9	5.7	2.8	63.1	0.28	0.48	18.7	0.090
30866	Reject	621	48.2	208.3	<0.002	0.112	1.81	17.7	4.9	2.7	62.9	0.29	0.43	19.3	0.101
30867	Core	131	2.9	1.0	0.004	<0.01	<0.05	1.4	4.7	<0.2	40.9	<0.05	0.38	0.2	<0.005
30868	Core	422	16.1	171.7	0.003	0.112	1.83	16.2	4.6	2.3	67.0	0.25	0.41	18.7	0.076
30869	Core	1020	24.2	190.5	<0.002	0.133	2.70	17.7	4.9	2.5	66.6	0.29	0.40	19.7	0.089
30870	Core	390	24.6	191.7	0.004	0.136	1.84	18.6	4.8	2.7	58.1	0.30	0.43	20.0	0.102
30871	Core	342	18.0	189.0	0.003	0.194	2.12	17.9	5.3	2.4	54.1	0.25	0.46	18.7	0.090
30872	Core	299	15.8	195.1	<0.002	0.523	3.51	18.2	5.0	2.8	61.7	0.25	0.45	17.8	0.087
30873	Core	125	10.5	127.4	<0.002	0.244	1.86	12.8	4.2	1.9	38.8	0.17	0.42	16.7	0.073
30874	Core	326	20.7	191.1	<0.002	0.145	2.58	18.9	4.2	2.8	63.7	0.25	0.45	20.1	0.102
30875	Core	294	12.4	182.7	0.002	0.131	2.59	18.1	4.7	2.9	63.1	0.47	0.44	20.2	0.086
30876	Core	780	72.9	183.7	<0.002	0.169	2.38	17.5	4.2	2.7	92.5	0.35	0.53	19.3	0.089
30877	Core	841	220.4	168.1	0.005	0.218	2.50	15.2	5.6	2.5	69.6	0.23	0.50	19.0	0.075
30878	Core	109	49.6	27.6	<0.002	0.242	0.70	2.9	4.6	3.3	34.6	0.06	0.30	5.4	0.019
30879	Core	681	4.0	41.5	0.003	0.167	0.66	3.9	4.9	1.1	63.0	0.08	0.35	7.4	0.027
30880	Core	73	12.2	92.9	0.002	0.841	1.29	6.9	4.9	2.2	38.6	0.16	0.35	14.3	0.060
30881	Core	117	5.9	36.8	<0.002	0.262	0.83	4.0	4.3	1.4	17.0	0.08	0.36	7.3	0.027
30882	Core	678	76.6	185.2	0.003	0.203	2.60	16.4	5.3	2.8	79.3	0.28	0.40	19.0	0.090
30883	Core	722	17.0	216.4	<0.002	1.008	3.90	19.2	4.8	3.4	82.0	0.32	0.40	20.2	0.108
30884	Core	1247	15.9	204.1	<0.002	0.836	4.27	18.1	4.5	3.0	75.5	0.30	0.39	18.5	0.103
30885	Core	1369	20.3	193.2	0.002	0.402	2.62	18.3	4.9	3.1	66.1	0.29	0.40	18.8	0.107
30886	Core	2762	52.2	191.5	0.003	0.240	2.59	17.8	5.1	2.7	76.7	0.35	0.41	17.6	0.115
30887	Core	470	27.1	201.3	<0.002	0.115	1.81	17.7	6.0	2.7	55.2	0.39	0.44	19.4	0.130
30888	Core	779	24.6	205.7	0.003	0.105	1.61	18.5	5.5	2.8	61.1	0.32	0.44	18.9	0.125
30889	Core	317	45.0	169.4	0.003	0.104	1.25	16.3	5.0	2.4	53.5	0.25	0.36	18.3	0.103
30890	Core	2758	21.1	204.8	<0.002	0.102	1.47	18.5	5.3	2.6	85.8	0.29	0.43	19.9	0.108
30891	Core	546	48.9	188.4	<0.002	0.229	2.73	17.7	5.3	2.6	57.6	0.34	0.47	17.7	0.137
30892	Core	438	24.8	205.5	<0.002	0.103	1.64	18.2	5.0	2.9	65.6	0.28	0.37	17.2	0.099
30893	Core	620	34.6	200.8	<0.002	0.127	1.55	18.2	4.3	2.8	61.8	0.29	0.40	18.3	0.122
30894	Core	593	23.3	198.0	0.002	0.143	1.59	18.1	5.2	2.6	63.5	0.25	0.38	16.7	0.101
30895	Core	569	19.7	223.8	<0.002	0.170	1.82	20.0	5.1	2.8	70.1	0.27	0.40	18.0	0.107
30896	Core	82	25.8	35.4	<0.002	0.463	1.31	3.3	5.1	2.6	15.6	0.06	0.36	3.9	0.019
30897	Core	2372	24.1	108.4	0.002	1.273	3.74	8.9	5.5	3.2	68.3	0.15	0.38	15.4	0.065

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30898	Core	1064	25.2	77.4	<0.002	1.067	3.42	7.5	5.0	2.7	54.5	0.11	0.35	11.8	0.047
30899	Core	1206	66.9	122.3	0.003	0.959	4.30	10.5	5.8	3.9	63.1	0.19	0.34	14.4	0.089

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30858	Core	1.11	4.5	168	0.8	7.2	136	86.8
30859	Core	1.00	4.4	169	1.2	8.0	156	94.0
30860	Core	0.99	4.3	174	0.8	8.7	131	103.5
30861	Core	0.98	4.6	178	1.0	9.1	128	108.0
30862	Core	1.03	4.4	175	0.7	9.1	128	101.4
30863	Core	1.02	4.4	174	0.7	9.7	131	96.4
30864	Core	1.04	4.5	179	0.5	8.5	138	95.6
30865	Reject	1.02	4.8	176	0.7	9.4	134	97.1
30866	Reject	1.06	4.6	183	0.9	9.7	135	99.1
30867	Core	0.03	0.5	84	0.1	0.8	19	<0.5
30868	Core	1.00	4.5	157	1.5	8.7	137	93.3
30869	Core	0.98	5.0	181	0.8	10.9	131	104.2
30870	Core	1.00	4.9	180	0.5	9.3	131	102.7
30871	Core	0.96	4.6	174	0.9	9.2	128	105.9
30872	Core	1.07	4.7	185	1.2	8.1	136	103.0
30873	Core	0.67	3.5	157	1.2	9.0	133	118.2
30874	Core	1.06	5.0	179	1.4	9.7	152	120.0
30875	Core	0.95	5.3	172	1.7	9.6	155	125.5
30876	Core	0.98	4.8	166	1.8	9.7	151	117.2
30877	Core	0.88	4.6	171	1.9	10.4	166	128.8
30878	Core	0.16	0.9	90	0.6	2.6	86	31.4
30879	Core	0.23	1.4	101	0.6	5.4	29	49.5
30880	Core	0.54	2.9	124	1.3	7.8	54	115.2
30881	Core	0.23	2.1	100	0.8	3.7	63	49.7
30882	Core	0.98	4.6	173	2.2	10.7	146	120.6
30883	Core	1.18	5.0	181	1.3	10.2	134	117.9
30884	Core	1.07	4.7	177	1.1	11.4	132	111.2
30885	Core	1.09	4.6	179	1.3	11.0	121	103.8
30886	Core	1.02	4.4	172	1.2	12.7	140	99.8
30887	Core	1.05	4.6	176	0.7	9.7	131	111.1
30888	Core	1.01	4.5	187	0.9	9.7	129	104.0
30889	Core	0.95	4.3	176	1.1	9.5	137	115.9
30890	Core	1.06	4.7	184	1.0	14.3	128	109.0
30891	Core	1.01	4.3	191	0.6	9.2	127	108.1
30892	Core	1.04	4.5	165	0.7	8.8	134	99.7
30893	Core	1.07	4.6	185	0.6	9.3	131	107.7
30894	Core	1.00	4.2	173	0.9	8.8	126	100.7
30895	Core	1.14	4.7	188	0.8	8.9	132	96.4
30896	Core	0.21	0.9	102	0.7	2.8	60	26.9
30897	Core	0.60	3.6	147	1.3	11.0	59	101.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30898	Core	0.44	2.2	128	1.1	7.3	75	77.2
30899	Core	0.66	3.1	147	1.5	9.1	139	100.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30858	Core		0.34	>10	30.3	873	3.28	0.48	0.17	0.39	49.79	18.8	126	5.98	51.5
30858 Dup			0.27	>10	29.1	886	3.15	0.49	0.16	0.35	52.89	18.4	124	5.88	53.5
QCV1110-02773-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.40		8.2	439	2.44	8.52		0.22	88.35	22.4		7.31	>10000
30876	Core		0.29	>10	30.7	789	2.76	0.53	0.27	0.31	89.56	18.4	159	5.73	96.6
30876 Dup			0.26	>10	31.3	786	2.82	0.53	0.27	0.32	84.51	18.6	157	5.68	99.3
QCV1110-02773-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.19		12.2	429	2.10	8.22		0.27	85.37	23.8		6.84	>10000
30894	Core		0.18	>10	24.5	795	3.45	0.41	0.25	0.05	64.66	19.1	105	5.73	50.2
30894 Dup			0.17	>10	28.8	802	3.20	0.43	0.24	0.04	64.25	19.2	123	5.86	52.4
QCV1110-02773-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6042.4
30858	Core	0.009													
30858 Dup		0.008													
30876	Core	0.006													
30876 Dup		0.006													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.389													
QCV1110-02774-0004-BLK		<0.005													
30894	Core	<0.005													
30894 Dup		<0.005													
QCV1110-02774-0006-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30858	Core	5.38	41.17	1.21	2.4	0.10	4.25	28.7	46.4	1.08	439	0.67	0.21	1.8	46.7
30858 Dup		5.33	39.69	1.18	2.4	0.09	4.52	35.6	45.0	1.12	429	0.56	0.23	1.9	47.8
QCV1110-02773-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					6.0	1.25		45.5	25.0			0.95		15.9	40.8
30876	Core	5.71	39.08	1.26	3.3	0.09	3.58	48.8	38.2	0.93	743	0.83	0.23	2.6	42.9
30876 Dup		5.60	36.32	1.11	3.2	0.09	3.67	46.2	39.2	0.93	723	0.86	0.23	2.5	43.9
QCV1110-02773-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					3.6	1.20		42.6	25.4			0.87		14.3	43.3
30894	Core	5.75	36.57	1.14	2.8	0.08	3.70	35.6	54.9	1.21	453	0.40	0.19	2.6	50.4
30894 Dup		5.69	40.29	1.22	2.7	0.09	3.92	35.9	55.4	1.23	448	0.41	0.20	2.4	49.4
QCV1110-02773-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Certificate of Analysis

11-360-08081-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30858	Core	555	21.4	218.4	<0.002	0.451	3.64	18.9	5.8	2.8	59.0	0.32	0.38	16.4	0.077
30858 Dup		577	22.6	213.5	<0.002	0.463	3.54	18.1	5.2	2.7	59.1	0.29	0.40	16.7	0.086
QCV1110-02773-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380				22.6					
STD-OREAS94-4A result			30.8	189.7	0.006	1.227		14.1		23.1	35.4	1.20	0.46	18.8	
30876	Core	780	72.9	183.7	<0.002	0.169	2.38	17.5	4.2	2.7	92.5	0.35	0.53	19.3	0.089
30876 Dup		770	73.7	185.1	0.005	0.170	2.83	16.9	5.0	2.7	91.8	0.30	0.41	19.5	0.081
QCV1110-02773-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380				22.6					
STD-OREAS94-4A result			38.6	198.0	0.005	1.380		13.1		22.2	34.9	0.96	0.36	16.9	
30894	Core	593	23.3	198.0	0.002	0.143	1.59	18.1	5.2	2.6	63.5	0.25	0.38	16.7	0.101
30894 Dup		614	22.9	201.7	0.003	0.144	1.68	17.6	4.9	2.7	63.3	0.24	0.41	17.1	0.092
QCV1110-02773-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9622.7												

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Certificate of Analysis

11-360-08081-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30858	Core	1.11	4.5	168	0.8	7.2	136	86.8
30858 Dup		1.15	4.4	170	0.7	7.3	140	86.9
QCV1110-02773-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.2			27.8	181	132.4
30876	Core	0.98	4.8	166	1.8	9.7	151	117.2
30876 Dup		0.98	4.8	167	1.8	10.0	147	115.0
QCV1110-02773-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.85	3.2			26.9	183	128.0
30894	Core	1.00	4.2	173	0.9	8.8	126	100.7
30894 Dup		1.02	4.2	185	0.9	9.1	124	102.8
QCV1110-02773-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4762	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 52**
Description: **3 ACE**

Date Received: 10/21/2011
Date Completed: 11/04/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08082-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29136	Core	<0.005	0.09	2.67	28.2	122	0.56	0.11	0.02	0.16	28.05	3.5	196	1.92	10.7
29137	Core	0.034	0.06	2.42	16.6	111	0.44	0.09	0.02	0.12	30.50	4.8	178	1.91	8.9
29138	Core	0.007	0.05	3.94	11.8	204	0.89	0.11	0.05	0.03	35.21	5.5	177	2.26	12.3
29139	Core	0.006	0.08	6.49	16.5	393	1.71	0.25	0.10	0.03	55.42	9.5	208	3.72	27.0
29140	Core	0.050	0.13	5.95	26.3	344	1.57	0.30	0.23	0.03	47.35	9.2	204	3.23	15.7
29141	Core	0.007	0.08	6.13	29.6	367	1.45	0.25	0.17	0.12	46.28	10.6	213	3.50	18.9
29142	Core	0.008	0.08	2.37	70.4	100	0.60	0.14	0.04	0.17	28.31	3.4	234	1.33	8.1
29143	Core	0.011	0.07	2.30	55.5	86	0.47	0.10	0.11	0.12	28.61	4.7	241	1.29	8.4
29144	Core	<0.005	0.06	2.59	24.4	109	0.63	0.06	0.04	0.14	33.76	3.6	197	1.40	5.7
29145	Core	<0.005	0.09	2.56	35.8	127	0.72	0.08	0.03	0.15	32.50	2.5	198	1.50	17.6
29146	Core	<0.005	0.07	3.14	18.9	167	0.88	0.11	0.04	0.22	45.67	5.2	195	1.85	8.6
29147	Core	0.009	0.08	2.11	41.0	103	0.57	0.07	0.04	0.14	29.75	5.0	218	1.38	8.8
29148	Reject	<0.005	0.08	6.95	36.4	468	2.03	0.11	0.12	0.16	57.40	13.2	186	3.96	26.6
29149	Reject	<0.005	0.10	8.06	37.8	501	2.25	0.11	0.15	0.23	40.56	13.5	189	4.36	32.7
29150	Core	<0.005	0.09	0.10	1.5	30	0.08	0.05	>10	0.05	1.25	1.0	4	0.30	3.2
29151	Core	0.037	0.15	9.16	129.7	596	3.32	0.15	0.07	0.35	61.57	13.1	230	5.02	51.0
29152	Core	0.037	0.12	3.75	137.8	216	1.09	0.11	0.05	0.09	46.03	6.3	170	2.93	16.5
29153	Core	0.030	0.42	>10	117.9	949	3.98	0.64	0.09	0.37	59.88	22.1	201	7.14	107.0
29154	Core	0.033	0.17	>10	144.6	938	4.08	0.56	0.09	0.24	71.84	27.1	193	8.86	51.7
29155	Core	<0.005	0.10	2.30	20.0	104	0.64	0.13	0.03	0.08	27.52	4.1	227	1.82	8.4
29156	Core	<0.005	0.05	2.29	26.6	93	0.65	0.07	0.05	0.04	26.62	4.2	213	1.47	8.5
29157	Core	0.007	0.14	6.92	29.6	458	2.03	0.34	0.07	0.03	58.44	10.3	169	4.90	31.8
29158	Core	<0.005	0.06	2.32	10.2	99	0.46	0.09	0.07	0.05	29.82	3.9	138	1.57	9.3
29159	Core	<0.005	0.13	3.45	17.0	201	0.93	0.12	0.08	0.13	53.93	4.5	164	2.38	13.2
29160	Core	<0.005	0.16	3.77	16.7	203	1.06	0.15	0.13	0.03	50.14	6.4	155	2.29	14.1
29161	Core	<0.005	0.11	5.71	39.4	391	1.99	0.20	0.04	0.03	64.14	7.3	194	3.62	20.1
29162	Core	<0.005	0.06	2.36	11.4	95	0.61	0.10	0.06	0.11	30.79	5.3	165	1.49	11.1
29163	Core	<0.005	0.13	>10	35.1	716	3.16	0.38	0.11	0.05	77.40	24.2	149	8.49	45.8
29164	Core	<0.005	0.12	>10	32.8	577	3.00	0.30	0.12	0.28	93.32	17.3	149	6.51	40.1
29165	Core	<0.005	0.10	7.84	39.9	434	1.91	0.26	0.14	0.08	65.15	14.1	152	5.61	30.5
29166	Core	0.028	0.21	4.53	425.1	251	1.31	0.13	0.05	0.31	34.12	6.4	182	2.86	47.9
29167	Core	0.057	0.16	2.16	1389.5	101	0.56	0.06	0.01	0.08	23.19	0.9	218	1.89	7.8
29168	Core	0.036	0.10	4.02	370.4	228	0.90	0.14	0.05	0.26	25.95	3.4	217	2.27	14.1
29169	Core	0.045	0.10	4.83	543.2	297	1.03	0.16	0.05	0.26	23.11	5.2	216	2.50	18.2
29170	Core	0.026	9.32	3.99	238.4	197	0.74	0.27	0.08	0.13	26.03	6.9	263	1.89	15.5
29171	Core	0.039	0.15	2.27	143.1	98	0.62	0.12	0.08	0.19	18.99	4.1	227	1.12	9.1
29172	Core	<0.005	0.09	0.55	36.4	23	0.11	0.05	<0.01	0.03	6.16	0.8	117	0.50	5.8
29173	Core	0.008	0.83	0.99	65.2	49	0.23	0.05	0.01	0.05	8.41	1.4	256	0.83	9.9
29174	Core	0.026	0.26	2.36	104.8	121	0.64	0.08	0.10	0.20	25.09	3.3	236	1.85	8.3
29175	Core	<0.005	0.96	1.13	15.6	27	0.21	0.06	0.04	0.11	11.97	1.9	193	0.61	9.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29176	Core	<0.005	0.75	1.09	9.7	34	0.21	0.06	0.17	0.03	10.00	2.3	155	0.67	8.5
29177	Core	<0.005	0.05	0.92	10.9	29	0.24	0.09	0.21	0.09	7.92	1.7	141	0.60	6.3
29178	Core	<0.005	0.19	2.02	6.4	78	0.41	0.07	0.19	0.13	26.24	3.3	183	1.21	6.7
29179	Core	<0.005	0.33	2.97	8.9	128	0.54	0.13	0.36	0.03	31.57	4.4	193	1.55	8.7

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29136	Core	0.93	6.05	1.02	1.5	0.02	0.61	12.5	45.5	0.05	136	0.42	0.04	0.6	9.0
29137	Core	0.94	5.63	0.97	1.6	0.02	0.50	13.2	55.0	0.05	190	0.27	0.03	0.7	12.3
29138	Core	1.53	9.25	0.97	1.9	0.02	1.00	15.4	21.4	0.09	250	0.38	0.06	0.9	13.2
29139	Core	2.24	15.18	1.06	2.0	0.04	1.90	27.2	19.3	0.28	318	0.45	0.17	1.4	24.1
29140	Core	2.30	12.83	0.99	2.0	0.03	1.79	23.1	16.8	0.24	262	0.50	0.40	1.2	20.9
29141	Core	2.23	14.04	0.98	2.1	0.04	1.96	22.3	28.1	0.16	557	0.53	0.17	1.0	23.8
29142	Core	1.01	4.94	0.94	1.3	0.02	0.51	12.6	25.4	0.04	85	0.37	0.03	0.5	8.7
29143	Core	1.13	4.41	0.94	1.2	0.02	0.49	12.6	10.9	0.07	271	0.52	0.05	0.5	10.0
29144	Core	1.41	5.46	0.87	1.6	0.01	0.63	14.9	13.6	0.10	262	0.31	0.06	0.6	11.3
29145	Core	1.03	6.07	0.92	1.5	0.02	0.64	14.2	11.5	0.06	78	0.38	0.03	0.7	9.5
29146	Core	1.43	7.36	0.93	2.1	0.02	0.87	19.3	13.5	0.13	298	0.46	0.05	0.9	16.3
29147	Core	1.17	4.91	1.14	1.3	0.02	0.56	12.7	16.5	0.06	200	0.54	0.03	0.6	17.2
29148	Reject	3.05	17.89	1.26	2.9	0.05	2.27	24.0	26.6	0.34	430	0.43	0.09	1.7	37.7
29149	Reject	3.32	20.05	1.25	3.3	0.05	2.59	17.3	31.6	0.42	459	0.45	0.11	1.5	40.5
29150	Core	0.46	0.35	<0.05	<0.1	0.01	0.03	0.8	1.2	>10	201	0.08	0.01	0.3	5.0
29151	Core	4.29	23.62	1.48	3.7	0.06	2.94	27.9	27.6	0.54	197	0.51	0.25	2.2	36.3
29152	Core	2.04	8.81	1.22	1.9	0.03	1.14	20.7	16.7	0.17	154	0.41	0.06	1.0	17.9
29153	Core	4.42	31.13	1.50	4.3	0.11	4.49	30.1	34.1	0.84	233	0.55	0.17	3.1	54.1
29154	Core	4.94	31.03	1.65	4.5	0.09	4.84	34.2	41.0	0.89	332	0.56	0.17	3.8	52.8
29155	Core	1.25	4.91	1.19	1.2	0.01	0.60	12.3	27.0	0.07	297	0.41	0.03	0.6	12.4
29156	Core	1.65	5.06	1.00	1.1	0.02	0.55	11.7	12.7	0.19	387	0.46	0.14	0.5	13.5
29157	Core	2.65	15.78	1.07	2.9	0.04	2.43	27.8	26.1	0.51	290	0.44	0.22	1.9	25.3
29158	Core	1.71	4.80	0.62	1.4	0.02	0.53	13.2	14.7	0.19	588	0.40	0.29	0.7	11.8
29159	Core	1.39	8.19	0.73	2.0	0.02	1.16	25.5	7.8	0.17	381	0.47	0.15	1.5	11.6
29160	Core	1.93	8.98	0.99	4.7	0.03	1.12	23.2	13.9	0.29	964	0.45	0.24	2.1	17.7
29161	Core	1.59	13.84	1.30	2.5	0.05	1.98	31.0	12.2	0.17	485	0.56	0.10	2.4	17.7
29162	Core	1.87	5.14	1.35	1.2	0.02	0.47	14.1	15.1	0.07	899	0.40	0.03	0.8	16.0
29163	Core	4.53	27.72	1.44	4.6	0.09	3.95	36.0	46.6	0.74	728	0.54	0.25	2.7	52.9
29164	Core	3.96	23.43	1.34	3.5	0.09	3.31	42.5	34.5	0.47	743	0.42	0.18	2.7	39.8
29165	Core	4.14	17.82	1.18	2.7	0.06	2.51	30.2	68.8	0.55	794	0.42	0.17	1.9	36.0
29166	Core	1.89	10.40	1.13	1.9	0.04	1.44	15.7	22.7	0.15	233	0.42	0.08	1.3	19.7
29167	Core	0.60	4.66	1.15	1.1	0.03	0.75	10.5	9.5	0.06	34	0.62	0.04	0.8	4.7
29168	Core	1.24	9.23	0.98	1.9	0.03	1.32	12.1	12.3	0.10	135	0.41	0.06	1.2	10.7
29169	Core	1.62	10.74	0.97	1.9	0.02	1.57	11.1	9.1	0.11	171	0.47	0.08	1.2	14.3
29170	Core	2.01	8.55	1.11	1.6	0.03	1.11	12.2	10.9	0.07	228	0.55	0.06	1.1	17.2
29171	Core	1.34	4.87	1.00	1.1	0.01	0.57	8.7	7.3	0.06	198	0.53	0.03	0.7	10.9
29172	Core	0.36	1.11	1.01	0.2	<0.01	0.13	2.9	9.9	<0.01	30	0.50	0.02	0.2	3.9
29173	Core	0.50	2.21	1.03	0.6	<0.01	0.27	3.8	12.6	0.02	35	0.49	0.02	0.4	5.1
29174	Core	1.16	5.35	1.01	1.0	0.02	0.70	11.5	11.8	0.16	250	0.51	0.19	0.7	9.9
29175	Core	0.79	2.02	0.99	0.5	<0.01	0.12	5.3	9.4	0.08	190	0.45	0.05	0.4	8.3

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11-360-08082-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29176	Core	0.56	1.93	0.96	0.5	<0.01	0.17	4.6	8.5	0.09	167	0.53	0.34	0.4	5.7
29177	Core	0.55	1.60	0.91	0.3	<0.01	0.15	3.7	12.5	0.10	186	0.47	0.33	0.3	6.4
29178	Core	1.11	4.37	0.85	1.2	0.01	0.40	12.2	12.9	0.27	249	0.52	0.49	0.8	12.1
29179	Core	1.50	6.25	0.82	1.6	0.01	0.60	14.9	30.3	0.36	274	0.38	0.67	1.0	13.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29136	Core	<10	12.6	33.8	0.004	<0.01	1.24	3.5	<1.0	0.9	13.3	0.06	0.75	7.8	0.031
29137	Core	<10	8.3	29.7	0.003	<0.01	1.01	3.5	<1.0	0.7	13.2	0.07	0.76	8.3	0.032
29138	Core	27	7.8	53.8	0.003	<0.01	1.02	4.9	<1.0	1.1	16.6	0.09	0.78	9.0	0.047
29139	Core	331	10.5	101.8	0.002	<0.01	1.59	8.7	<1.0	1.7	32.7	0.17	0.78	12.2	0.070
29140	Core	845	9.4	87.6	<0.002	0.042	1.83	7.5	<1.0	1.5	41.5	0.13	0.80	10.5	0.064
29141	Core	622	8.8	96.1	<0.002	0.022	1.96	8.3	<1.0	1.7	38.6	0.11	0.79	11.3	0.058
29142	Core	133	10.3	26.5	<0.002	0.029	1.30	2.7	<1.0	0.7	21.3	<0.05	0.75	7.9	0.023
29143	Core	478	6.2	24.3	0.002	<0.01	1.08	2.5	<1.0	0.8	16.3	0.06	0.82	6.8	0.021
29144	Core	41	3.5	30.3	<0.002	<0.01	0.87	3.0	<1.0	0.7	14.2	0.05	0.78	8.1	0.033
29145	Core	59	8.1	33.3	<0.002	<0.01	1.04	3.2	<1.0	0.8	16.2	0.07	0.73	7.9	0.031
29146	Core	36	9.9	45.3	0.002	0.012	0.87	4.0	<1.0	1.0	13.9	0.09	0.70	12.1	0.042
29147	Core	56	3.7	30.8	<0.002	0.033	1.03	2.8	<1.0	0.7	11.9	0.06	0.75	6.8	0.027
29148	Reject	456	9.4	115.6	0.002	0.037	1.47	10.4	<1.0	2.0	29.7	0.17	0.71	12.4	0.091
29149	Reject	652	7.0	127.4	<0.002	0.134	1.69	12.0	<1.0	2.2	34.4	0.16	0.75	13.4	0.084
29150	Core	66	2.2	1.5	0.003	<0.01	<0.05	0.6	4.8	0.3	42.5	0.25	0.75	0.4	<0.005
29151	Core	308	10.6	144.8	<0.002	0.113	2.03	13.7	<1.0	2.6	36.8	0.19	0.69	16.1	0.137
29152	Core	227	13.4	59.0	<0.002	0.026	1.48	5.4	<1.0	1.3	19.4	0.09	0.77	10.1	0.051
29153	Core	285	113.4	206.0	0.002	0.629	3.83	20.1	<1.0	3.3	41.6	0.33	0.73	19.5	0.191
29154	Core	275	11.2	193.2	0.003	0.426	4.52	20.0	<1.0	3.3	43.6	0.38	0.79	20.3	0.215
29155	Core	56	39.8	32.3	<0.002	0.016	0.93	2.7	<1.0	0.9	9.5	0.06	0.73	6.5	0.027
29156	Core	<10	5.6	27.8	<0.002	0.025	0.62	2.8	<1.0	0.7	10.0	<0.05	0.68	6.8	0.028
29157	Core	128	24.1	116.3	<0.002	0.166	1.40	10.1	<1.0	1.8	27.4	0.16	0.71	14.1	0.103
29158	Core	66	12.7	26.6	<0.002	0.048	0.79	2.6	<1.0	0.6	19.3	0.07	0.66	6.9	0.031
29159	Core	210	12.5	58.0	<0.002	0.028	0.86	4.4	<1.0	1.1	18.5	0.13	0.65	10.6	0.076
29160	Core	41	11.4	56.6	0.004	0.057	0.94	5.5	<1.0	1.3	20.1	0.25	0.69	11.5	0.066
29161	Core	79	10.8	98.9	0.003	0.032	1.22	8.6	<1.0	1.7	29.4	0.25	0.73	12.9	0.104
29162	Core	105	20.3	24.7	0.003	0.023	0.62	3.5	<1.0	0.8	13.2	0.09	0.70	7.4	0.031
29163	Core	315	15.2	189.3	0.003	0.033	2.23	18.0	<1.0	2.9	46.1	0.34	0.67	20.5	0.144
29164	Core	277	16.9	149.0	0.005	0.041	1.78	15.8	<1.0	2.5	39.0	0.30	0.70	18.0	0.137
29165	Core	319	15.4	116.3	0.003	0.102	1.83	12.2	<1.0	1.9	34.6	0.19	0.72	13.3	0.102
29166	Core	72	44.6	75.0	0.003	0.203	1.84	6.7	<1.0	1.5	27.6	0.11	0.66	10.2	0.066
29167	Core	<10	31.6	40.7	0.004	0.102	5.40	2.6	<1.0	3.4	15.5	0.07	0.70	4.5	0.033
29168	Core	227	9.5	66.6	<0.002	0.196	1.50	5.0	<1.0	1.7	20.2	0.11	0.66	10.5	0.055
29169	Core	194	4.5	77.2	<0.002	0.376	1.96	5.9	2.5	1.4	25.0	0.12	0.63	9.4	0.059
29170	Core	686	7.6	51.6	0.002	0.371	1.42	4.6	<1.0	1.2	23.1	0.11	0.66	9.6	0.049
29171	Core	409	6.0	28.2	<0.002	0.437	0.79	2.5	<1.0	0.8	17.7	0.05	0.64	5.6	0.028
29172	Core	<10	3.5	6.8	<0.002	0.019	0.38	0.7	<1.0	0.6	5.1	<0.05	0.61	0.9	0.007
29173	Core	<10	3.1	15.0	0.002	0.037	0.66	1.2	<1.0	1.0	9.6	<0.05	0.63	2.5	0.014
29174	Core	<10	29.4	35.9	<0.002	0.237	0.84	2.7	<1.0	1.9	17.6	0.06	0.62	5.7	0.029
29175	Core	<10	3.1	6.5	<0.002	0.013	0.38	1.3	<1.0	0.9	5.2	<0.05	0.64	2.8	0.014

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11-360-08082-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29176	Core	266	2.6	9.4	<0.002	0.024	0.34	1.2	<1.0	0.9	21.2	<0.05	0.70	2.4	0.015
29177	Core	27	3.2	7.8	<0.002	0.044	0.31	1.1	<1.0	0.6	21.4	<0.05	0.61	1.8	0.010
29178	Core	<10	3.0	20.2	0.003	0.011	0.29	2.4	<1.0	0.7	19.8	0.06	0.65	6.2	0.031
29179	Core	199	4.5	32.5	0.003	0.033	0.62	3.3	<1.0	0.9	33.5	0.08	0.63	8.8	0.044

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29136	Core	0.19	1.4	27	0.8	3.7	37	52.6
29137	Core	0.17	1.4	26	0.9	3.7	31	51.2
29138	Core	0.27	2.0	41	0.9	4.7	35	61.3
29139	Core	0.50	2.9	68	1.3	5.8	50	68.5
29140	Core	0.40	2.5	58	1.0	6.2	42	60.9
29141	Core	0.49	2.7	60	1.4	6.2	66	63.8
29142	Core	0.15	1.3	21	0.7	3.5	41	42.8
29143	Core	0.13	1.4	21	0.9	4.2	48	44.2
29144	Core	0.15	1.3	28	0.9	4.0	49	52.5
29145	Core	0.19	1.3	26	0.9	3.9	40	49.1
29146	Core	0.25	2.0	33	1.0	5.6	45	69.3
29147	Core	0.17	1.3	22	1.2	3.7	44	40.1
29148	Reject	0.58	3.0	88	1.9	8.4	101	98.2
29149	Reject	0.64	3.3	100	2.1	8.7	103	105.1
29150	Core	<0.02	0.7	283	0.1	0.8	14	1.0
29151	Core	0.75	4.0	126	2.4	8.0	109	114.8
29152	Core	0.32	2.0	41	1.5	5.0	57	60.1
29153	Core	1.16	5.2	155	4.7	9.7	123	141.2
29154	Core	1.06	5.3	163	4.5	10.2	114	140.9
29155	Core	0.17	1.3	22	1.0	3.3	28	36.9
29156	Core	0.16	1.1	25	0.6	3.4	32	38.0
29157	Core	0.58	2.9	83	1.1	6.7	58	88.3
29158	Core	0.14	1.2	23	0.4	3.9	35	40.8
29159	Core	0.30	1.9	40	0.8	5.6	44	63.9
29160	Core	0.29	1.9	44	0.7	5.9	35	71.7
29161	Core	0.46	2.6	63	1.1	6.0	42	72.5
29162	Core	0.15	1.2	22	0.7	4.3	49	37.6
29163	Core	0.89	4.8	147	1.6	11.3	131	148.2
29164	Core	0.71	3.8	120	1.7	9.7	119	110.8
29165	Core	0.56	2.9	96	1.2	7.9	101	93.3
29166	Core	0.38	2.0	51	1.0	4.8	57	62.4
29167	Core	0.24	0.7	21	0.9	2.3	11	35.9
29168	Core	0.33	2.0	42	1.2	4.1	29	60.0
29169	Core	0.40	2.1	46	1.1	4.0	32	56.8
29170	Core	0.28	2.2	34	1.1	4.2	48	48.4
29171	Core	0.16	1.3	21	0.6	3.1	29	35.8
29172	Core	0.05	0.2	6	0.2	0.5	5	6.4
29173	Core	0.09	0.5	9	0.8	1.2	9	20.3
29174	Core	0.18	1.0	24	1.8	2.4	38	31.8
29175	Core	0.04	0.7	10	2.3	1.2	20	15.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29176	Core	0.05	0.6	10	0.3	1.6	12	17.4
29177	Core	0.04	0.4	9	0.2	1.1	13	11.7
29178	Core	0.10	0.9	24	0.3	2.7	49	38.7
29179	Core	0.17	1.5	35	0.4	3.7	32	53.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29136	Core		0.09	2.67	28.2	122	0.56	0.11	0.02	0.16	28.05	3.5	196	1.92	10.7
29136 Dup			0.06	2.48	27.1	119	0.70	0.10	0.02	0.16	33.50	3.5	192	1.78	9.8
QCV1110-02085-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			59.90												1011.4
29154	Core		0.17	>10	144.6	938	4.08	0.56	0.09	0.24	71.84	27.1	193	8.86	51.7
29154 Dup			0.17	>10	147.6	888	4.05	0.55	0.09	0.24	59.95	26.8	191	8.37	50.8
QCV1110-02085-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.67	8.04	6.0	428	2.47	2.09	0.52	0.05	90.22	14.9		7.05	2384.6
29172	Core		0.09	0.55	36.4	23	0.11	0.05	<0.01	0.03	6.16	0.8	117	0.50	5.8
29172 Dup			0.08	0.54	36.0	23	0.20	0.04	<0.01	0.04	4.96	0.8	109	0.52	7.0
QCV1110-02085-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.76	8.02	6.8	430	2.93	2.16	0.53	0.03	88.66	15.3		7.08	2345.1
29136	Core	<0.005													
29136 Dup		<0.005													
29154	Core	0.033													
29154 Dup		0.023													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.523													
QCV1110-02086-0004-BLK		<0.005													
29172	Core	<0.005													
29172 Dup		<0.005													
QCV1110-02086-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.977													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29136	Core	0.93	6.05	1.02	1.5	0.02	0.61	12.5	45.5	0.05	136	0.42	0.04	0.6	9.0
29136 Dup		0.90	5.72	0.98	1.7	0.02	0.56	14.5	45.5	0.05	136	0.45	0.03	0.7	8.7
QCV1110-02085-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29154	Core	4.94	31.03	1.65	4.5	0.09	4.84	34.2	41.0	0.89	332	0.56	0.17	3.8	52.8
29154 Dup		4.89	30.48	1.42	4.2	0.09	3.93	29.7	38.6	0.89	317	0.59	0.17	2.9	51.0
QCV1110-02085-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.25	17.95		3.9	0.36	3.05	43.3	26.7	1.61		0.39	0.52	12.8	36.7
29172	Core	0.36	1.11	1.01	0.2	<0.01	0.13	2.9	9.9	<0.01	30	0.50	0.02	0.2	3.9
29172 Dup		0.37	1.20	1.01	0.2	<0.01	0.12	2.3	9.6	<0.01	30	0.52	0.02	0.2	4.3
QCV1110-02085-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.36	17.80		3.9	0.34	2.88	42.5	26.5	1.61		0.44	0.51	12.9	37.7

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11-360-08082-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29136	Core	<10	12.6	33.8	0.004	<0.01	1.24	3.5	<1.0	0.9	13.3	0.06	0.75	7.8	0.031
29136 Dup		<10	11.9	31.7	0.003	<0.01	1.14	3.3	<1.0	0.8	12.5	0.07	0.73	8.0	0.033
QCV1110-02085-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
29154	Core	275	11.2	193.2	0.003	0.426	4.52	20.0	<1.0	3.3	43.6	0.38	0.79	20.3	0.215
29154 Dup		295	11.1	191.7	<0.002	0.426	4.42	19.8	<1.0	3.2	43.3	0.27	0.73	20.0	0.188
QCV1110-02085-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		679	9.3	195.2	0.003	0.281	1.10	13.0		10.5	32.1	1.00	0.60	17.5	0.418
29172	Core	<10	3.5	6.8	<0.002	0.019	0.38	0.7	<1.0	0.6	5.1	<0.05	0.61	0.9	0.007
29172 Dup		<10	3.7	6.5	0.003	0.020	0.39	0.7	4.8	0.6	5.0	<0.05	0.63	1.0	0.006
QCV1110-02085-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		707	9.9	197.6	0.005	0.284	1.14	13.0		10.4	32.0	1.00	0.63	17.5	0.418

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29136	Core	0.19	1.4	27	0.8	3.7	37	52.6
29136 Dup		0.17	1.3	27	0.8	3.8	33	53.8
QCV1110-02085-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
29154	Core	1.06	5.3	163	4.5	10.2	114	140.9
29154 Dup		1.07	5.2	160	3.9	9.8	112	135.4
QCV1110-02085-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.81	3.3		2.3	26.8	90	123.8
29172	Core	0.05	0.2	6	0.2	0.5	5	6.4
29172 Dup		0.05	0.2	5	0.2	0.5	5	6.7
QCV1110-02085-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.82	3.3		2.3	26.6	93	120.9

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11-360-08083-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 53**
Description: **3 ACE**

Date Received: 10/28/2011
Date Completed: 11/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08083-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30900	Core	0.039	0.42	8.48	57.8	552	1.88	0.32	0.18	0.16	20.70	20.6	154	3.94	30.2
30901	Reject	0.014	0.17	2.33	35.0	119	0.39	0.09	0.28	0.88	16.48	6.6	207	1.23	9.2
30902	Pulp	8.553	0.53	3.32	943.0	167	0.71	0.64	>10	4.01	27.38	6.0	100	6.57	35.1
30903	Reject	0.014	0.18	2.70	30.8	137	0.43	0.11	0.33	0.28	16.14	11.7	173	1.26	13.6
30904	Core	0.019	0.29	2.03	31.6	102	0.33	0.13	0.03	2.02	13.48	2.8	173	1.59	6.7
30905	Core	0.006	0.13	3.21	17.6	165	0.50	0.07	0.05	0.11	31.49	4.2	163	1.69	9.3
30906	Core	0.006	0.12	2.43	15.9	116	0.53	0.10	0.05	0.09	19.92	3.7	194	1.16	7.7
30907	Core	<0.005	0.10	2.59	8.1	122	0.42	0.08	0.04	0.03	25.32	3.2	175	1.15	7.2
30908	Core	<0.005	0.18	2.40	4.9	101	0.36	0.08	0.06	0.04	27.11	3.2	160	1.07	6.1
30909	Core	<0.005	0.11	2.32	7.0	101	0.42	0.08	0.05	0.05	28.02	3.1	110	1.08	13.8
30910	Core	<0.005	0.10	2.31	9.7	100	0.48	0.07	0.07	0.05	26.69	3.3	111	1.13	8.1
30911	Core	<0.005	0.14	2.36	15.0	113	0.60	0.06	0.05	0.06	28.01	3.2	133	1.83	7.4
30912	Core	0.012	0.12	2.02	41.5	95	0.45	0.08	0.05	0.08	26.66	4.1	118	1.48	6.6
30913	Core	0.025	0.11	2.43	81.1	129	0.62	0.05	0.03	0.07	30.90	3.0	175	1.59	8.7
30914	Core	0.005	0.12	2.84	21.0	134	0.50	0.07	0.05	0.24	32.87	5.0	175	1.68	10.2
29180	Core	0.017	0.11	3.95	107.8	198	0.93	0.08	0.09	1.54	22.63	5.4	208	2.21	18.7
29181	Core	0.009	0.28	2.30	49.4	91	0.50	0.07	0.12	0.31	20.61	3.3	169	1.33	9.9
29182	Core	0.029	0.31	2.93	201.4	167	0.61	0.09	0.19	0.54	36.19	4.5	207	2.07	23.8
29183	Core	0.007	0.13	1.96	46.3	103	0.38	0.06	0.06	0.33	26.37	3.3	240	1.34	8.3
29184	Core	0.017	0.13	2.25	168.0	117	0.60	0.10	0.04	1.90	25.78	3.3	182	1.41	15.4
29201	Core	0.015	0.18	3.55	53.5	231	1.01	0.14	0.05	0.77	34.90	7.0	206	2.40	22.9
29202	Core	0.008	0.46	4.88	53.6	300	1.18	0.18	0.16	0.73	48.87	8.0	253	3.44	31.9
29203	Core	0.011	0.15	0.97	38.3	48	0.18	0.05	0.02	0.29	13.07	2.2	144	0.83	7.9
29204	Core	0.047	0.16	3.09	288.4	141	0.65	0.06	0.03	0.86	33.58	4.2	134	2.21	13.5
29205	Core	0.045	0.12	2.17	155.0	100	0.47	0.05	0.02	0.50	24.71	4.0	143	1.80	17.4
29206	Core	0.026	0.26	4.59	314.3	256	0.95	0.16	0.06	1.16	27.85	7.9	193	2.95	21.0
29207	Core	0.018	0.33	6.61	50.5	420	1.39	0.25	0.06	1.21	38.39	16.2	208	4.58	24.2
29208	Core	0.010	0.17	5.18	36.3	338	1.18	0.21	0.07	0.86	38.57	6.9	222	4.06	19.1
29209	Core	0.009	0.13	3.09	46.6	137	0.58	0.13	0.07	0.75	22.36	5.8	212	1.71	13.0
29210	Core	0.025	0.14	2.67	245.3	102	0.54	0.06	0.09	0.86	22.83	4.6	187	1.50	11.3
29211	Core	0.057	0.51	6.25	201.0	382	1.29	0.17	0.14	1.67	39.15	10.3	173	4.93	26.8
29212	Core	0.010	0.15	2.69	46.5	94	0.63	0.10	0.11	0.42	25.88	4.1	239	1.22	18.5
29213	Core	0.005	0.39	1.96	20.7	67	0.37	0.09	0.07	0.35	14.38	2.5	226	1.06	8.0
29214	Core	<0.005	0.17	2.18	12.7	86	0.42	0.17	0.08	0.23	20.89	2.9	153	1.10	8.0
29215	Core	0.021	0.14	1.95	84.3	81	0.26	0.10	0.03	0.17	18.86	2.3	173	0.93	5.6
29216	Core	<0.005	0.10	1.78	17.5	64	0.35	0.10	0.03	0.22	17.20	2.2	216	0.87	6.8
29217	Core	<0.005	0.07	1.47	10.5	52	0.25	0.05	0.03	0.16	12.15	2.1	233	0.70	4.7
29218	Core	<0.005	0.08	0.82	7.0	25	0.16	0.08	0.02	0.11	6.18	1.8	192	0.45	7.0
29219	Core	<0.005	0.15	2.03	8.3	78	0.53	0.05	0.04	0.45	10.34	2.4	212	1.07	4.9
29220	Core	0.025	0.15	4.34	58.7	271	0.86	0.07	0.04	0.42	29.90	5.3	201	2.04	14.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29221	Core	0.007	0.12	4.58	46.8	224	1.61	0.10	0.15	0.16	24.92	11.3	164	3.83	22.0
29222	Reject	0.097	0.28	8.42	329.6	492	0.92	0.19	0.11	0.03	19.06	11.4	192	2.24	15.6
29223	Reject	0.032	0.22	3.77	130.8	160	0.74	0.21	0.15	0.03	24.51	10.1	195	1.71	22.5
29224	Core	<0.005	0.23	0.07	<0.2	19	0.12	0.05	>10	0.07	1.18	1.2	11	0.38	2.7
29225	Core	0.027	0.17	2.49	185.3	95	0.46	0.09	0.08	0.67	26.79	4.2	162	1.39	8.8
29226	Core	0.022	0.12	3.15	97.9	143	0.61	0.12	0.11	0.17	20.99	4.6	191	1.55	9.5
29227	Core	<0.005	0.14	1.74	9.8	63	0.33	0.07	0.07	0.05	18.39	2.3	140	0.85	7.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30900	Core	3.02	20.91	0.69	3.0	0.07	2.73	10.3	23.4	0.26	641	1.68	0.14	2.3	33.4
30901	Reject	1.30	6.05	0.72	1.2	0.04	0.63	7.0	9.1	0.08	522	0.59	0.04	0.7	9.7
30902	Pulp	1.38	6.84	<0.05	1.9	0.07	1.25	16.0	8.1	0.77	295	11.21	<0.01	6.4	63.0
30903	Reject	1.42	6.36	0.76	1.2	0.02	0.72	6.7	8.6	0.09	582	0.48	0.04	0.9	8.8
30904	Core	0.78	5.31	0.87	1.0	0.08	0.60	5.8	27.6	0.05	215	0.45	0.03	0.6	8.6
30905	Core	1.10	8.33	0.79	1.7	0.02	0.86	14.5	13.2	0.09	315	0.41	0.05	1.1	9.4
30906	Core	1.06	6.06	0.71	1.2	0.02	0.56	9.1	7.1	0.07	266	0.55	0.04	0.8	9.6
30907	Core	0.99	6.59	0.48	1.1	0.02	0.60	11.3	7.9	0.07	355	0.44	0.04	0.8	6.5
30908	Core	1.12	5.49	0.47	1.1	0.02	0.49	12.0	7.2	0.07	536	0.54	0.03	0.7	7.8
30909	Core	1.04	5.44	0.49	1.2	0.02	0.50	12.1	7.4	0.07	468	0.41	0.03	0.9	6.8
30910	Core	1.36	5.65	0.56	1.2	0.02	0.48	11.8	9.2	0.09	893	0.48	0.04	0.9	7.3
30911	Core	0.96	5.79	0.53	1.3	0.02	0.56	12.5	9.8	0.06	641	0.43	0.04	1.0	7.9
30912	Core	0.75	4.85	0.69	1.2	0.02	0.51	11.3	6.5	0.04	240	0.50	0.04	0.8	9.1
30913	Core	0.98	6.20	0.72	1.2	0.03	0.81	13.3	4.8	0.10	248	0.42	0.05	0.7	7.7
30914	Core	1.26	7.72	0.77	1.5	0.03	0.68	14.7	8.2	0.11	346	0.47	0.05	1.0	13.3
29180	Core	2.44	10.92	0.99	1.0	0.03	0.96	11.1	49.7	0.50	385	0.44	0.28	0.8	15.9
29181	Core	1.09	5.46	0.71	0.9	0.02	0.47	9.6	11.7	0.22	237	0.52	0.51	0.7	8.6
29182	Core	1.41	8.30	1.00	1.9	0.03	0.91	16.3	34.1	0.23	427	0.70	0.13	1.3	15.9
29183	Core	0.91	5.57	0.86	1.2	0.02	0.51	12.3	15.7	0.10	204	0.65	0.04	0.8	8.9
29184	Core	0.97	6.00	0.86	1.2	0.02	0.66	12.1	26.7	0.08	236	0.50	0.04	0.8	10.2
29201	Core	1.27	10.07	1.11	1.4	0.03	1.12	17.4	67.3	0.21	151	0.71	0.09	1.4	17.0
29202	Core	2.03	13.93	1.09	1.8	0.04	1.52	24.1	128.3	0.33	398	0.65	0.12	1.6	21.3
29203	Core	0.53	2.83	0.97	0.5	0.01	0.26	6.2	31.7	0.04	83	0.66	0.02	0.5	8.4
29204	Core	0.95	7.58	0.93	1.6	0.03	0.84	15.2	55.4	0.10	171	0.62	0.05	1.2	16.8
29205	Core	0.75	6.00	1.00	1.2	0.02	0.56	11.3	46.7	0.04	55	0.49	0.03	1.0	15.7
29206	Core	1.91	11.78	0.97	1.6	0.03	1.35	13.5	44.3	0.24	505	0.52	0.09	1.2	20.2
29207	Core	2.09	17.56	1.08	2.3	0.04	2.06	19.1	45.0	0.30	592	0.73	0.12	1.7	23.1
29208	Core	1.40	14.02	0.84	2.0	0.04	1.53	18.6	51.1	0.19	378	0.58	0.10	1.6	15.5
29209	Core	1.50	6.59	0.67	1.1	0.03	0.78	10.8	20.0	0.17	507	0.54	0.05	1.0	15.5
29210	Core	1.54	5.78	0.87	0.9	0.02	0.68	10.4	18.7	0.17	519	0.51	0.05	0.8	15.9
29211	Core	2.41	16.00	1.11	2.2	0.06	2.14	19.5	19.0	0.17	471	0.75	0.12	1.5	40.4
29212	Core	1.40	5.65	0.74	1.0	0.02	0.57	12.4	9.6	0.11	864	0.57	0.04	0.7	10.7
29213	Core	0.77	4.09	0.93	3.9	0.02	0.37	6.8	9.2	0.05	384	0.60	0.03	1.3	7.7
29214	Core	0.96	4.56	0.70	1.0	0.02	0.42	9.5	8.5	0.06	470	0.50	0.04	0.6	8.6
29215	Core	0.78	4.28	0.68	0.8	0.02	0.40	8.7	6.7	0.07	202	0.58	0.03	0.6	7.7
29216	Core	0.64	3.61	0.65	0.7	0.01	0.33	7.8	13.2	0.06	153	0.45	0.03	0.5	6.5
29217	Core	0.66	3.23	0.68	0.5	0.01	0.26	5.7	6.8	0.06	198	0.54	0.02	0.4	8.0
29218	Core	0.48	1.77	0.75	0.2	<0.01	0.13	2.8	6.1	0.03	151	0.53	0.01	0.2	6.7
29219	Core	0.78	4.56	0.70	0.7	0.01	0.37	5.0	9.4	0.06	244	0.50	0.02	0.5	12.9
29220	Core	1.49	11.65	0.76	2.1	0.03	1.35	14.6	11.6	0.17	624	0.43	0.07	1.7	11.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29221	Core	2.63	22.23	0.75	2.5	0.04	1.12	11.9	27.2	0.24	1281	0.61	0.07	1.2	21.0
29222	Reject	4.19	11.84	0.80	1.7	0.03	2.31	8.9	13.3	0.61	491	0.54	0.13	1.0	28.0
29223	Reject	2.12	9.32	0.76	1.6	0.02	0.80	11.3	11.0	0.17	444	0.59	0.05	0.8	16.9
29224	Core	0.48	0.66	<0.05	<0.1	0.02	0.03	0.7	1.0	>10	239	0.17	<0.01	0.2	2.6
29225	Core	1.20	5.60	1.07	1.1	0.03	0.58	12.0	8.6	0.10	429	0.49	0.03	0.6	11.1
29226	Core	1.17	6.52	0.76	1.2	0.02	0.73	9.6	7.8	0.18	309	0.47	0.25	0.6	11.3
29227	Core	0.74	3.86	0.70	0.7	<0.01	0.29	8.4	5.1	0.08	186	0.54	0.03	0.6	8.1

3Ace Property, Northern Tiger Resources Inc.
Vol 9-172
Buchanan et al., 2011

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11-360-08083-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30900	Core	558	27.3	145.7	0.003	0.966	5.79	12.3	5.5	2.4	56.0	0.29	0.50	15.6	0.066
30901	Reject	1098	29.2	39.0	<0.002	0.340	1.21	3.9	6.7	1.8	23.9	0.08	0.43	7.1	0.023
30902	Pulp	4504	7.5	106.8	0.036	1.179	19.55	7.2	13.2	1.6	132.7	0.38	0.85	5.4	0.186
30903	Reject	1365	34.3	39.2	0.002	0.349	1.20	4.2	5.1	2.4	28.1	0.09	0.40	8.1	0.018
30904	Core	34	145.7	34.6	<0.002	0.272	0.68	3.6	7.2	2.7	10.6	0.06	0.34	5.6	0.017
30905	Core	68	10.5	51.9	<0.002	0.254	0.80	4.6	6.1	1.3	16.8	0.09	0.39	9.3	0.031
30906	Core	71	10.4	34.0	<0.002	0.241	0.81	4.0	6.6	0.8	12.9	0.07	0.41	6.7	0.023
30907	Core	42	8.5	33.0	<0.002	0.055	0.57	3.9	5.7	0.8	13.3	0.08	0.38	6.5	0.023
30908	Core	73	11.9	28.2	<0.002	0.040	0.51	3.8	5.2	0.7	11.6	0.06	0.39	6.9	0.022
30909	Core	69	12.7	30.0	<0.002	0.080	0.54	3.8	5.3	0.8	11.2	0.08	0.39	7.3	0.025
30910	Core	53	10.4	29.5	0.002	0.036	0.54	3.9	4.7	0.9	12.6	0.06	0.43	6.8	0.025
30911	Core	44	8.9	36.0	<0.002	0.022	0.63	3.8	4.9	1.1	13.2	0.08	0.44	7.1	0.024
30912	Core	110	15.3	31.1	<0.002	0.350	0.87	3.5	6.5	1.6	12.4	0.08	0.37	6.7	0.023
30913	Core	31	10.2	51.7	<0.002	0.420	0.64	3.9	6.8	6.5	15.7	0.06	0.40	7.5	0.023
30914	Core	59	20.2	43.3	<0.002	0.086	0.79	4.7	7.2	2.2	15.1	0.08	0.39	8.3	0.030
29180	Core	213	6.2	56.9	<0.002	0.224	0.80	5.8	7.2	1.5	28.6	0.08	0.39	6.9	0.025
29181	Core	55	5.0	29.1	<0.002	0.137	0.49	3.8	6.6	1.1	21.9	0.05	0.41	5.6	0.023
29182	Core	119	26.7	55.8	<0.002	0.322	0.98	4.9	6.4	1.7	23.5	0.11	0.40	11.3	0.040
29183	Core	178	4.8	33.7	0.003	0.112	0.83	3.7	8.1	1.0	13.4	0.06	0.39	7.3	0.023
29184	Core	175	8.2	41.8	0.002	0.204	1.01	4.2	7.4	1.2	16.6	0.07	0.44	6.8	0.024
29201	Core	162	9.9	65.4	<0.002	0.176	1.26	6.5	8.9	1.2	30.3	0.10	0.40	7.8	0.047
29202	Core	665	24.9	90.2	0.003	0.163	1.31	8.7	6.9	1.7	56.6	0.13	0.46	11.4	0.053
29203	Core	16	15.8	17.0	<0.002	0.135	0.63	2.9	10.7	1.0	12.3	<0.05	0.39	3.0	0.013
29204	Core	150	7.4	46.1	<0.002	0.433	1.34	4.7	9.0	1.1	35.1	0.10	0.38	8.3	0.035
29205	Core	60	5.5	36.1	0.002	0.542	1.19	4.0	12.0	1.0	25.2	0.08	0.38	5.7	0.027
29206	Core	152	24.6	75.8	<0.002	0.544	1.41	7.1	7.1	1.8	36.1	0.12	0.40	9.1	0.037
29207	Core	163	14.4	113.9	0.003	0.452	3.64	10.4	7.2	1.8	45.3	0.15	0.57	12.4	0.055
29208	Core	255	13.4	89.6	0.003	0.254	1.26	8.4	7.1	1.4	73.2	0.14	0.45	10.7	0.054
29209	Core	236	7.8	40.4	<0.002	0.239	0.91	4.6	6.1	1.2	22.8	0.10	0.41	5.2	0.024
29210	Core	362	12.4	39.2	<0.002	0.377	0.93	4.0	6.7	4.7	22.8	0.07	0.40	5.0	0.024
29211	Core	623	29.9	114.8	<0.002	1.930	3.48	9.6	7.0	5.5	69.5	0.13	0.48	10.7	0.050
29212	Core	351	22.3	29.3	<0.002	0.269	0.77	4.4	6.1	2.9	17.5	0.07	0.38	5.4	0.018
29213	Core	235	15.7	21.0	0.002	0.110	0.80	3.5	6.1	1.0	16.2	0.14	0.47	5.0	0.011
29214	Core	194	26.0	24.9	<0.002	0.103	0.66	3.6	6.3	1.1	20.5	0.06	0.37	5.3	0.012
29215	Core	133	9.9	23.6	<0.002	0.188	0.62	3.0	6.9	0.7	13.6	0.06	0.37	4.4	0.012
29216	Core	169	8.1	18.8	<0.002	0.077	0.54	3.0	9.0	0.9	14.2	<0.05	0.37	4.6	0.011
29217	Core	31	4.0	16.1	<0.002	0.045	0.41	2.9	7.3	0.5	8.0	<0.05	0.43	3.6	0.009
29218	Core	33	10.9	7.0	<0.002	0.053	0.41	2.4	9.5	1.0	5.2	<0.05	0.37	1.5	<0.005
29219	Core	51	11.3	23.0	<0.002	0.240	0.87	3.4	8.8	0.5	10.6	0.05	0.37	4.8	0.012
29220	Core	86	12.7	72.5	<0.002	0.239	0.71	7.0	8.0	1.2	27.1	0.12	0.38	11.3	0.038

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11-360-08083-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29221	Core	326	7.9	120.9	0.002	0.587	1.00	10.8	5.0	1.9	24.3	0.15	0.36	11.6	0.041
29222	Reject	188	17.2	62.9	0.002	0.219	1.58	6.9	7.3	1.7	48.8	0.10	0.40	8.8	0.029
29223	Reject	376	14.0	44.9	<0.002	0.291	1.33	5.6	7.5	1.5	19.2	0.08	0.39	8.3	0.024
29224	Core	138	3.6	1.5	0.005	<0.01	<0.05	1.8	5.0	0.2	42.1	<0.05	0.39	<0.2	<0.005
29225	Core	128	54.7	30.9	0.003	0.390	1.24	3.7	5.4	3.5	11.4	0.06	0.35	7.0	0.017
29226	Core	194	12.6	38.6	0.003	0.213	0.82	3.9	8.1	1.0	19.5	0.07	0.33	6.4	0.018
29227	Core	101	10.4	17.0	<0.002	0.045	0.49	2.7	7.9	0.6	8.3	0.05	0.35	4.4	0.015

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30900	Core	0.86	3.0	132	1.2	8.4	80	98.6
30901	Reject	0.24	1.3	78	0.5	5.0	95	45.7
30902	Pulp	12.03	7.4	445	31.5	26.1	262	71.2
30903	Reject	0.35	1.4	82	0.7	5.0	57	47.9
30904	Core	0.26	0.8	78	0.6	2.4	199	30.6
30905	Core	0.32	1.6	89	0.7	4.5	35	57.8
30906	Core	0.24	1.2	81	0.6	3.3	32	40.9
30907	Core	0.22	1.3	85	0.5	3.1	32	37.7
30908	Core	0.18	1.1	79	0.4	3.7	41	38.6
30909	Core	0.19	1.2	76	0.5	3.6	39	41.9
30910	Core	0.18	1.0	76	0.5	4.3	49	42.7
30911	Core	0.20	1.1	78	0.8	4.3	40	42.9
30912	Core	0.19	1.0	75	0.6	3.5	27	39.9
30913	Core	0.26	1.2	76	0.7	3.2	24	39.2
30914	Core	0.25	1.3	82	0.7	3.8	55	53.4
29180	Core	0.30	1.4	94	0.3	3.1	124	34.2
29181	Core	0.17	1.0	81	0.3	2.5	45	33.3
29182	Core	0.30	1.8	86	0.7	4.6	94	66.2
29183	Core	0.18	1.3	74	0.4	3.1	29	40.0
29184	Core	0.22	1.2	83	0.5	3.5	38	40.0
29201	Core	0.36	1.7	95	1.1	4.0	39	45.2
29202	Core	0.46	2.2	105	1.8	6.3	66	62.3
29203	Core	0.11	0.4	72	0.4	1.4	16	18.2
29204	Core	0.25	1.4	86	1.2	4.8	37	55.1
29205	Core	0.20	1.0	79	1.0	3.7	23	43.6
29206	Core	0.40	1.8	93	1.2	4.8	53	55.2
29207	Core	0.61	2.9	118	1.7	7.0	59	85.3
29208	Core	0.43	2.9	104	1.2	6.7	43	80.0
29209	Core	0.23	1.2	79	0.9	3.1	37	31.1
29210	Core	0.21	0.9	75	0.9	3.2	38	30.1
29211	Core	0.64	2.4	106	2.2	7.7	83	66.6
29212	Core	0.16	1.3	71	0.6	3.7	49	34.2
29213	Core	0.12	0.9	63	0.6	2.6	29	24.2
29214	Core	0.14	0.9	72	0.6	2.7	27	23.1
29215	Core	0.21	0.7	77	0.5	1.9	16	21.7
29216	Core	0.14	0.7	79	0.3	1.8	18	22.5
29217	Core	0.12	0.6	72	0.3	1.3	17	17.0
29218	Core	0.07	0.4	71	0.2	0.8	13	8.7
29219	Core	0.15	0.8	79	0.5	2.0	26	23.6
29220	Core	0.38	1.8	103	0.8	5.7	52	69.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29221	Core	0.65	2.4	135	1.3	6.3	49	82.9
29222	Reject	0.33	2.0	106	0.7	4.7	94	57.9
29223	Reject	0.25	1.8	94	0.5	4.5	43	53.7
29224	Core	0.05	0.6	82	0.1	0.8	20	<0.5
29225	Core	0.22	1.1	80	0.7	3.0	74	34.3
29226	Core	0.22	1.5	82	0.2	3.6	46	38.4
29227	Core	0.12	0.8	79	0.2	1.9	23	22.2

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11-360-08083-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30900	Core		0.42	8.48	57.8	552	1.88	0.32	0.18	0.16	20.70	20.6	154	3.94	30.2
30900 Dup			0.37	8.11	57.6	537	1.79	0.29	0.18	0.18	20.18	19.2	152	3.79	28.3
QCV1110-02713-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			2.97		10.3	423	2.53	8.09		0.25	85.39	22.8		7.04	>10000
29183	Core		0.13	1.96	46.3	103	0.38	0.06	0.06	0.33	26.37	3.3	240	1.34	8.3
29183 Dup			0.09	2.01	50.2	103	0.43	0.06	0.06	0.38	27.77	3.2	221	1.34	8.9
QCV1110-02713-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.55	4.55	7070.5	239						10.7			28.7
29217	Core		0.07	1.47	10.5	52	0.25	0.05	0.03	0.16	12.15	2.1	233	0.70	4.7
29217 Dup			0.10	1.54	12.2	53	0.24	0.07	0.03	0.17	12.89	2.1	145	0.69	4.8
QCV1110-02713-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1110-02713-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6132.4
30900	Core	0.039													
30900 Dup		0.038													
29183	Core	0.007													
29183 Dup		0.007													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.972													
QCV1110-02714-0004-BLK		<0.005													
29217	Core	<0.005													
29217 Dup		<0.005													
QCV1110-02714-0006-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.217													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30900	Core	3.02	20.91	0.69	3.0	0.07	2.73	10.3	23.4	0.26	641	1.68	0.14	2.3	33.4
30900 Dup		2.93	22.54	0.79	2.8	0.06	2.60	19.8	22.2	0.25	642	1.67	0.13	1.9	30.0
QCV1110-02713-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.80		3.6	1.23		42.0	25.0			0.82		14.1	43.4
29183	Core	0.91	5.57	0.86	1.2	0.02	0.51	12.3	15.7	0.10	204	0.65	0.04	0.8	8.9
29183 Dup		0.89	5.79	0.92	1.1	0.02	0.54	12.6	15.5	0.10	204	0.63	0.04	0.6	9.4
QCV1110-02713-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.99	507				49.0
29217	Core	0.66	3.23	0.68	0.5	0.01	0.26	5.7	6.8	0.06	198	0.54	0.02	0.4	8.0
29217 Dup		0.68	3.45	0.71	0.5	0.01	0.29	6.1	7.9	0.06	197	0.61	0.02	0.4	8.0
QCV1110-02713-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1110-02713-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30900	Core	558	27.3	145.7	0.003	0.966	5.79	12.3	5.5	2.4	56.0	0.29	0.50	15.6	0.066
30900 Dup		557	26.3	149.5	0.005	0.923	4.99	12.0	6.2	2.3	54.5	0.22	0.54	16.3	0.068
QCV1110-02713-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			30.4	189.4	0.004	1.382	2.68	13.6		21.9	35.2	0.98	0.48	16.4	
29183	Core	178	4.8	33.7	0.003	0.112	0.83	3.7	8.1	1.0	13.4	0.06	0.39	7.3	0.023
29183 Dup		179	4.3	33.5	<0.002	0.108	0.78	3.7	7.5	1.0	13.3	<0.05	0.34	7.5	0.018
QCV1110-02713-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		316	12.9												
29217	Core	31	4.0	16.1	<0.002	0.045	0.41	2.9	7.3	0.5	8.0	<0.05	0.43	3.6	0.009
29217 Dup		32	5.2	16.3	<0.002	0.045	0.47	3.0	8.4	0.6	8.5	<0.05	0.41	3.8	0.010
QCV1110-02713-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1110-02713-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9527.7												

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30900	Core	0.86	3.0	132	1.2	8.4	80	98.6
30900 Dup		0.76	3.1	128	1.1	9.0	79	98.7
QCV1110-02713-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.1			28.0	197	123.4
29183	Core	0.18	1.3	74	0.4	3.1	29	40.0
29183 Dup		0.20	1.2	76	0.3	3.1	28	38.5
QCV1110-02713-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		16.74					208	
29217	Core	0.12	0.6	72	0.3	1.3	17	17.0
29217 Dup		0.11	0.6	75	0.3	1.5	16	17.6
QCV1110-02713-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1110-02713-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4955	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 54**
Description: **3 ACE**

Date Received: 11/02/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29228	Core	<0.005	0.08	1.85	11.5	55	0.37	0.11	0.05	0.11	11.78	2.4	179	0.68	7.0
29229	Core	<0.005	0.09	1.93	13.6	71	0.61	0.12	0.07	0.15	11.63	4.3	185	0.80	10.0
29230	Core	<0.005	0.13	6.31	17.0	404	1.56	0.29	0.10	0.26	26.97	8.8	179	2.79	35.1
29231	Core	<0.005	0.10	6.35	11.9	346	1.63	0.20	0.14	0.19	38.11	9.8	167	2.55	28.4
29232	Core	0.022	0.11	6.51	257.7	366	1.67	0.18	0.14	0.35	24.56	12.2	183	2.82	10.7
29233	Core	0.061	0.13	2.45	875.3	103	0.51	0.13	0.06	0.40	17.06	4.2	172	1.25	7.1
29234	Core	<0.005	0.08	3.18	9.4	126	0.68	0.12	0.16	0.07	26.18	6.0	179	1.50	9.2
29235	Core	0.007	0.10	3.83	27.8	178	0.71	0.12	0.52	0.05	30.45	7.0	194	2.07	10.8
29236	Core	0.017	0.10	2.30	77.7	88	0.34	0.07	0.77	0.17	25.30	3.7	190	1.25	6.7
29237	Core	0.021	0.12	2.68	86.3	118	0.34	0.09	0.89	0.31	24.53	5.0	196	1.37	7.8
29238	Core	0.013	0.11	4.51	53.2	259	1.01	0.29	0.27	0.06	27.46	8.4	222	2.33	8.0
29239	Core	0.021	0.16	5.37	85.2	308	1.28	0.21	0.88	0.04	26.14	8.6	208	3.02	14.6
29240	Core	0.076	0.16	3.63	1072.7	203	0.84	0.09	0.98	0.27	16.21	7.0	211	1.91	6.3
29241	Core	0.334	0.53	8.05	3527.0	452	1.64	0.24	0.92	0.92	14.92	20.1	153	3.64	18.5
29242	Core	0.085	0.27	6.57	152.7	318	1.40	0.19	1.21	0.28	26.40	16.5	144	2.48	31.7
29243	Core	0.023	0.32	8.33	157.2	413	1.74	0.24	0.89	0.09	52.13	19.7	150	4.06	30.3
29244	Core	0.038	0.14	6.10	434.7	335	1.51	0.25	0.90	0.06	34.70	13.7	169	3.21	21.0
29245	Core	0.073	0.12	2.93	556.0	82	0.49	0.11	1.05	0.12	21.92	9.0	161	1.03	11.7
29246	Core	0.006	0.16	>10	33.3	757	3.17	0.54	0.24	0.06	96.77	21.4	137	6.65	51.9
29247	Core	<0.005	0.19	>10	15.3	644	3.01	0.34	0.43	0.04	88.56	17.8	153	5.67	76.2
29248	Core	<0.005	0.15	<0.01	20.6	796	3.64	0.62	0.28	0.04	108.90	21.6	126	6.44	60.3
29249	Core	<0.005	0.15	>10	14.5	722	3.41	0.49	0.29	0.07	113.55	21.6	113	6.97	51.6
29250	Core	<0.005	0.14	>10	17.0	786	3.35	0.51	0.32	0.10	127.02	19.6	104	7.29	48.7
29251	Core	<0.005	0.14	>10	15.9	675	2.97	0.41	0.48	0.09	97.21	19.3	153	5.86	44.7
29252	Core	<0.005	0.17	>10	14.4	710	3.65	0.51	0.35	0.07	116.70	21.7	117	7.08	51.4
29253	Core	<0.005	0.16	>10	15.3	726	3.73	0.48	0.41	0.06	102.16	21.4	108	6.81	50.0
29254	Core	0.005	0.21	>10	36.3	798	4.01	0.57	0.24	0.13	95.38	27.1	116	7.45	57.4
29255	Core	0.014	0.27	>10	36.5	687	3.56	0.58	0.36	0.22	53.32	21.2	117	5.93	56.3
29256	Core	0.038	0.21	8.39	237.8	468	2.18	0.24	0.43	0.13	44.08	18.2	119	3.64	35.7
29257	Core	0.067	0.53	2.77	636.2	114	0.73	0.17	0.12	1.48	21.38	5.8	128	1.29	14.5
29258	Core	<0.005	0.22	0.12	2.2	25	0.13	0.06	>10	0.06	1.07	1.2	12	1.17	1.4
29259	Core	0.037	0.32	2.01	241.1	71	0.41	0.08	0.11	0.54	21.11	3.7	156	0.94	8.7
29260	Core	0.152	0.16	1.80	3130.8	69	0.51	0.10	0.07	0.09	17.24	4.3	180	0.97	10.6
29261	Reject	0.041	0.19	6.70	191.5	375	2.17	0.27	0.14	0.06	33.18	10.6	193	2.88	44.4
29262	Pulp	7.173	0.54	3.07	864.7	149	0.80	0.70	>10	3.99	24.16	6.0	92	6.55	33.3
29263	Reject	0.026	0.43	5.14	135.1	283	1.38	0.24	0.15	0.06	27.28	10.6	194	2.30	27.5
29264	Core	0.144	0.45	7.78	2134.6	499	2.14	0.31	0.10	0.87	43.78	10.6	181	4.29	44.5
29265	Core	0.148	0.37	3.51	2881.7	197	0.96	0.17	0.11	0.83	32.79	7.8	194	2.08	21.7
29266	Core	0.045	0.44	>10	1312.2	720	4.06	0.45	0.26	0.08	54.01	21.4	127	6.90	53.1
29267	Core	0.067	0.31	7.43	628.2	390	2.20	0.31	0.15	0.09	48.66	17.9	137	3.92	33.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29268	Core	0.268	1.61	>10	2758.4	663	3.10	0.33	0.31	0.72	55.66	22.0	129	8.95	32.1
29269	Core	0.243	1.19	>10	1164.1	710	3.24	0.33	0.46	1.94	75.97	21.5	153	8.34	65.1
29270	Core	0.106	0.39	>10	334.2	782	3.02	0.59	0.52	0.11	56.44	23.2	132	7.87	59.9
29271	Core	0.138	0.58	>10	595.0	850	3.33	0.38	0.75	0.61	42.55	19.1	132	7.37	60.9
29272	Core	0.604	0.68	3.31	>10000	162	0.88	0.13	1.26	0.97	22.44	8.9	178	2.29	25.7
29273	Core	0.759	0.91	>10	>10000	566	3.07	0.28	0.16	1.65	64.50	21.2	163	6.46	90.3
29274	Core	0.356	0.53	7.24	7104.1	411	2.05	0.29	0.16	0.76	39.28	16.4	176	4.78	42.2
29275	Core	0.154	0.33	2.63	4386.7	124	0.66	0.09	0.06	0.27	17.70	5.1	194	1.61	18.5

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29228	Core	0.90	3.35	0.73	0.9	0.02	0.30	5.8	8.5	0.05	362	0.55	0.03	0.7	7.5
29229	Core	1.40	4.23	0.88	1.0	0.02	0.34	5.7	11.8	0.07	591	0.46	0.03	0.7	10.8
29230	Core	1.52	15.76	0.83	2.3	0.04	1.83	14.7	12.7	0.15	404	0.59	0.11	1.8	21.0
29231	Core	2.82	14.27	0.97	2.5	0.05	1.84	19.6	22.6	0.22	614	0.54	0.11	1.9	26.7
29232	Core	2.54	14.90	1.00	3.0	0.04	1.77	13.0	26.2	0.21	567	0.59	0.11	2.0	31.6
29233	Core	1.13	5.40	0.93	1.4	0.03	0.79	7.8	7.8	0.09	355	0.38	0.04	1.0	11.3
29234	Core	1.63	7.40	0.67	1.9	0.02	0.67	12.5	16.7	0.32	427	0.45	0.31	1.0	15.8
29235	Core	1.76	8.98	0.76	1.9	0.03	0.92	14.4	20.0	0.43	453	0.36	0.29	1.5	17.7
29236	Core	1.08	5.04	0.67	1.5	0.02	0.54	11.8	9.2	0.27	426	0.51	0.37	1.0	10.4
29237	Core	1.56	6.13	0.64	1.5	0.03	0.61	11.8	13.5	0.37	464	0.42	0.34	1.1	14.0
29238	Core	1.81	10.19	1.02	1.7	0.02	1.47	14.7	20.7	0.37	262	0.57	0.09	2.1	20.8
29239	Core	2.51	13.31	0.85	2.5	0.03	1.59	13.2	64.9	0.63	567	0.49	0.22	2.1	24.7
29240	Core	2.05	8.55	0.82	1.4	0.03	1.14	8.5	15.4	0.50	973	0.54	0.09	1.3	18.9
29241	Core	5.19	19.75	1.17	3.2	0.11	2.56	7.8	36.8	0.98	1219	0.43	0.12	1.9	49.4
29242	Core	4.25	16.39	1.18	2.7	0.06	1.87	13.2	40.2	1.09	1339	0.45	0.09	2.5	42.4
29243	Core	5.99	19.83	1.04	3.2	0.05	2.07	26.1	51.1	1.24	1424	0.53	0.13	3.5	57.1
29244	Core	4.41	14.84	0.96	2.1	0.04	1.53	18.3	36.0	0.87	1301	0.53	0.10	2.1	35.5
29245	Core	3.21	6.42	0.93	1.2	0.02	0.47	11.0	29.7	0.69	1525	0.37	0.03	1.1	22.2
29246	Core	4.97	29.74	1.10	3.6	0.08	4.05	53.1	48.0	1.14	409	0.43	0.23	3.5	56.1
29247	Core	5.15	24.66	0.98	2.9	0.08	2.96	48.4	53.9	1.19	447	0.44	0.19	2.3	49.5
29248	Core	5.45	29.87	1.09	3.8	0.08	3.77	59.6	63.4	1.38	399	0.52	0.25	3.3	57.1
29249	Core	5.46	27.93	1.28	3.6	0.09	3.18	61.1	63.9	1.32	438	0.42	0.21	3.0	56.9
29250	Core	5.26	28.31	1.21	3.6	0.10	3.34	68.0	62.1	1.25	401	0.43	0.22	3.4	50.5
29251	Core	5.32	26.50	1.11	3.2	0.08	2.93	52.5	61.6	1.25	443	0.46	0.19	2.5	53.6
29252	Core	5.52	29.25	1.27	3.5	0.09	3.24	63.6	63.2	1.31	444	0.46	0.21	3.3	59.8
29253	Core	5.35	28.97	1.20	3.4	0.09	3.25	57.1	61.3	1.21	492	0.44	0.21	3.8	53.8
29254	Core	4.95	30.46	1.05	3.3	0.10	3.72	52.8	51.7	0.94	406	0.24	0.25	2.9	55.3
29255	Core	4.81	28.25	1.03	3.5	0.10	3.33	29.1	66.1	0.76	723	0.49	0.21	2.8	53.0
29256	Core	5.44	21.53	0.91	3.9	0.06	2.00	23.0	44.9	0.64	1854	0.42	0.13	2.6	47.6
29257	Core	1.97	5.90	1.00	4.8	0.06	0.69	11.1	15.3	0.13	1040	0.35	0.05	1.9	13.0
29258	Core	0.49	0.52	<0.05	0.8	0.01	0.06	0.6	1.6	>10	214	0.09	<0.01	1.4	0.8
29259	Core	1.67	4.18	0.99	1.0	0.03	0.51	10.0	14.9	0.12	1195	0.37	0.03	0.9	9.4
29260	Core	1.68	3.76	1.02	0.9	0.02	0.52	8.7	16.1	0.10	836	0.36	0.03	0.7	12.8
29261	Reject	2.95	14.47	0.97	2.2	0.05	2.05	18.4	28.2	0.31	956	0.54	0.13	1.8	26.4
29262	Pulp	1.39	5.98	0.22	1.9	0.06	1.08	14.4	8.3	0.73	291	10.23	<0.01	6.5	64.1
29263	Reject	2.85	11.51	0.90	1.9	0.04	1.28	15.2	27.7	0.26	1012	0.51	0.09	2.1	25.0
29264	Core	2.32	17.70	1.13	2.4	0.08	2.64	23.6	23.3	0.27	379	0.54	0.17	2.5	25.5
29265	Core	2.09	8.41	0.89	1.6	0.05	1.12	16.7	22.2	0.18	723	0.44	0.07	1.5	18.7
29266	Core	5.38	28.00	1.12	3.8	0.09	3.47	30.6	43.0	0.70	1061	0.51	0.22	3.1	52.9
29267	Core	3.60	17.88	1.13	3.1	0.06	1.89	26.0	115.0	0.50	734	0.48	0.15	2.9	43.1

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29268	Core	5.05	27.39	1.15	3.6	0.11	3.24	30.0	261.3	0.78	724	0.48	0.24	3.0	52.3
29269	Core	5.21	27.27	1.04	2.9	0.14	3.85	42.7	280.8	0.86	1056	0.31	0.29	1.5	56.1
29270	Core	5.39	27.58	1.19	3.3	0.09	3.71	32.2	220.9	1.05	863	0.46	0.35	3.0	50.5
29271	Core	4.62	28.10	1.22	3.1	0.10	3.79	23.5	60.3	0.79	1028	0.48	0.30	2.5	47.3
29272	Core	2.79	7.89	1.08	1.3	0.08	1.08	11.3	29.0	0.51	1896	0.46	0.06	1.1	21.7
29273	Core	5.30	23.58	1.19	3.3	0.12	3.47	34.7	61.8	0.53	988	0.69	0.25	2.7	48.6
29274	Core	4.05	18.15	1.24	2.8	0.07	2.01	20.5	64.5	0.35	1232	0.55	0.16	1.9	40.0
29275	Core	1.51	5.86	0.95	1.3	0.03	0.72	8.8	12.8	0.09	535	0.66	0.05	0.8	14.5

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29228	Core	116	8.9	16.2	0.006	0.033	0.54	2.5	7.0	0.8	10.1	0.07	0.61	3.9	0.013
29229	Core	106	9.3	20.8	0.003	0.091	0.91	3.1	5.9	1.1	11.8	0.07	0.55	4.1	0.015
29230	Core	237	14.1	104.0	0.005	0.178	1.78	9.7	7.2	2.5	44.6	0.21	0.62	11.4	0.054
29231	Core	273	16.9	91.9	0.002	0.039	1.04	9.7	6.1	1.7	42.0	0.19	0.59	10.6	0.056
29232	Core	235	12.1	94.8	0.002	0.296	1.71	10.4	6.3	2.5	44.7	0.20	0.64	11.7	0.063
29233	Core	141	22.4	43.6	0.004	0.551	2.32	4.0	6.7	4.2	12.0	0.10	0.60	6.1	0.030
29234	Core	118	12.4	37.1	0.003	0.053	0.67	5.0	6.8	0.9	22.0	0.09	0.61	8.1	0.034
29235	Core	157	13.7	48.7	0.003	0.094	0.67	5.9	6.5	1.0	40.6	0.12	0.57	8.1	0.052
29236	Core	149	19.3	32.2	0.003	0.224	0.69	3.7	6.6	1.5	48.0	0.09	0.56	6.3	0.030
29237	Core	170	30.4	36.8	0.003	0.261	0.74	4.5	6.6	1.8	55.3	0.08	0.55	6.3	0.040
29238	Core	340	7.2	76.3	0.004	0.288	1.47	7.6	7.2	2.4	34.4	0.16	0.60	8.2	0.060
29239	Core	301	20.6	89.4	<0.002	0.389	1.85	8.9	6.7	2.0	58.8	0.17	0.62	11.0	0.064
29240	Core	140	57.2	66.0	0.004	0.892	2.37	6.4	6.8	4.4	40.2	0.11	0.54	7.6	0.039
29241	Core	238	315.0	151.4	0.006	2.547	5.99	14.7	6.5	16.3	55.3	0.21	0.79	14.0	0.062
29242	Core	190	39.6	101.5	0.002	1.137	2.77	11.9	6.6	8.2	51.1	0.22	0.60	10.2	0.072
29243	Core	281	13.8	109.0	0.004	0.348	2.11	14.1	6.5	2.0	70.1	0.33	0.67	14.0	0.096
29244	Core	308	16.7	87.0	0.004	0.288	2.33	11.1	6.5	1.8	63.9	0.17	0.66	11.0	0.068
29245	Core	127	18.7	25.8	0.003	0.649	1.75	5.2	6.2	1.0	38.6	0.08	0.58	5.8	0.028
29246	Core	526	10.4	205.2	0.003	0.137	1.81	20.9	6.3	2.9	73.1	0.39	0.69	19.3	0.113
29247	Core	772	31.3	174.6	0.004	0.085	1.61	17.6	6.8	2.3	68.5	0.28	0.66	15.1	0.085
29248	Core	509	8.4	207.4	0.005	0.106	1.87	21.3	7.1	2.9	73.2	0.41	0.74	19.6	0.112
29249	Core	740	17.3	193.9	0.006	0.091	1.79	20.7	6.6	2.8	62.8	0.34	0.67	17.8	0.103
29250	Core	524	17.5	201.5	0.003	0.094	2.01	21.0	7.2	2.9	64.1	0.35	0.72	19.4	0.111
29251	Core	708	21.4	190.5	<0.002	0.087	1.34	19.2	7.2	2.6	72.8	0.29	0.67	16.6	0.088
29252	Core	533	23.0	194.6	0.006	0.083	1.45	20.6	7.3	2.8	64.8	0.33	0.68	18.1	0.112
29253	Core	520	24.7	203.7	0.005	0.095	1.50	20.3	7.6	2.6	72.3	0.35	0.69	18.2	0.125
29254	Core	448	35.3	215.5	0.004	0.294	2.36	22.0	7.0	2.9	74.5	0.31	0.77	17.6	0.103
29255	Core	673	27.5	197.6	0.003	0.682	4.16	21.0	6.9	3.0	71.2	0.28	0.73	15.4	0.102
29256	Core	266	21.9	127.7	<0.002	0.641	2.33	15.0	6.8	2.3	49.0	0.26	0.66	13.7	0.085
29257	Core	156	116.5	40.2	0.005	0.791	2.53	4.7	6.4	5.8	17.6	0.22	0.68	6.4	0.031
29258	Core	186	3.3	5.7	0.004	<0.01	0.13	1.8	7.5	0.3	41.4	0.58	0.56	0.9	0.006
29259	Core	171	20.1	31.4	0.003	0.486	0.78	3.7	6.2	5.3	12.8	0.08	0.60	4.6	0.023
29260	Core	133	27.4	29.4	0.003	0.619	4.76	3.2	6.4	4.8	9.7	0.06	0.62	4.4	0.018
29261	Reject	176	43.1	103.1	0.005	0.329	1.54	10.4	7.2	2.2	39.1	0.18	0.65	10.5	0.061
29262	Pulp	3597	7.2	104.0	0.043	1.269	19.73	6.6	13.7	1.9	124.5	0.33	<0.05	5.0	0.177
29263	Reject	153	26.4	75.1	0.006	0.226	1.22	8.1	6.2	2.3	31.3	0.14	0.54	9.2	0.054
29264	Core	253	75.3	144.6	0.005	1.208	4.62	12.6	6.8	6.5	51.7	0.20	0.69	12.1	0.085
29265	Core	179	35.8	69.3	0.004	0.938	5.48	6.3	6.9	5.1	24.4	0.10	0.67	7.5	0.044
29266	Core	528	12.5	211.0	0.004	1.165	4.46	21.0	6.8	3.2	78.7	0.29	0.71	16.7	0.107
29267	Core	239	18.3	120.8	0.004	0.508	2.93	13.5	6.6	2.1	41.9	0.22	0.69	12.6	0.090

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11-360-08088-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29268	Core	553	169.4	199.3	0.003	2.054	9.15	19.4	7.1	8.4	117.2	0.25	0.70	15.5	0.109
29269	Core	439	163.0	222.3	0.004	3.176	6.61	20.6	7.5	11.9	120.0	0.14	0.69	16.2	0.069
29270	Core	832	21.7	223.6	0.002	1.142	6.02	21.2	6.3	3.6	99.7	0.26	0.76	16.0	0.108
29271	Core	744	67.7	237.3	0.006	1.628	6.25	21.7	6.5	4.5	93.6	0.21	0.67	16.3	0.102
29272	Core	121	216.7	73.4	0.003	1.616	18.31	5.6	7.0	11.4	41.4	0.08	0.66	6.2	0.033
29273	Core	339	211.8	198.2	0.004	3.290	23.29	17.4	7.5	11.6	58.5	0.22	0.62	14.9	0.091
29274	Core	378	46.4	123.5	0.006	1.390	14.62	12.1	7.5	2.9	53.3	0.16	0.65	12.2	0.064
29275	Core	91	59.0	43.4	0.002	0.618	7.27	4.2	7.5	2.7	14.5	0.07	0.59	5.8	0.025

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29228	Core	0.11	0.7	76	0.4	2.3	24	23.2
29229	Core	0.13	0.8	76	0.5	2.9	35	27.2
29230	Core	0.60	3.1	119	1.0	5.3	59	65.7
29231	Core	0.51	2.6	117	1.0	5.5	76	65.7
29232	Core	0.51	3.5	127	1.3	6.4	70	85.9
29233	Core	0.26	1.2	84	0.6	3.4	46	41.6
29234	Core	0.22	1.5	94	0.2	4.2	39	59.5
29235	Core	0.28	1.7	104	0.3	4.7	44	59.7
29236	Core	0.19	1.2	92	0.3	3.4	25	39.8
29237	Core	0.22	1.2	96	0.3	3.8	50	43.6
29238	Core	0.42	1.9	110	0.4	4.2	37	53.3
29239	Core	0.47	2.5	118	0.4	6.8	41	76.9
29240	Core	0.37	1.6	102	0.6	3.9	46	44.9
29241	Core	0.81	3.4	144	0.9	8.2	149	93.3
29242	Core	0.56	2.5	134	0.9	7.2	104	76.2
29243	Core	0.61	3.4	146	2.0	8.2	104	103.4
29244	Core	0.46	2.5	126	0.9	5.4	80	65.0
29245	Core	0.23	1.2	88	0.5	3.6	60	33.5
29246	Core	1.15	5.0	169	0.7	9.1	107	104.4
29247	Core	0.88	3.9	156	1.1	8.8	100	89.7
29248	Core	1.08	5.1	177	0.5	9.8	109	112.0
29249	Core	0.98	4.6	171	0.4	9.7	129	101.4
29250	Core	1.07	4.5	172	0.5	9.5	119	100.7
29251	Core	0.97	4.3	164	0.4	9.2	115	95.7
29252	Core	0.93	4.5	170	0.4	10.3	131	104.1
29253	Core	0.99	4.4	166	0.4	9.9	124	102.6
29254	Core	1.11	4.4	171	0.6	9.1	128	97.2
29255	Core	0.96	4.3	174	1.3	9.9	128	110.4
29256	Core	0.65	3.5	156	1.2	10.4	108	121.5
29257	Core	0.25	1.0	72	0.8	4.2	140	46.8
29258	Core	0.07	0.4	81	0.3	0.8	14	1.1
29259	Core	0.20	0.9	75	0.6	3.6	67	30.4
29260	Core	0.18	0.7	74	0.7	3.0	27	25.0
29261	Reject	0.55	2.3	117	1.2	7.5	66	57.9
29262	Pulp	11.24	7.6	408	31.2	22.7	249	68.6
29263	Reject	0.51	2.0	107	1.5	4.9	68	59.0
29264	Core	0.80	3.1	120	1.7	6.3	106	68.7
29265	Core	0.39	1.6	99	1.0	4.6	93	49.6
29266	Core	1.14	4.3	171	2.5	11.1	101	112.6
29267	Core	0.66	2.8	141	1.8	8.1	110	96.1

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11-360-08088-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29268	Core	1.03	4.2	167	3.8	10.1	122	109.9
29269	Core	1.08	4.6	168	3.0	8.6	193	85.2
29270	Core	1.16	4.3	174	2.3	10.0	119	96.8
29271	Core	1.21	4.4	176	1.6	9.9	201	97.9
29272	Core	0.41	1.2	106	1.2	5.6	78	45.8
29273	Core	1.04	4.1	160	2.1	10.3	208	104.2
29274	Core	0.65	3.0	125	2.7	8.9	168	82.3
29275	Core	0.25	1.0	88	1.3	3.3	57	40.3

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11-360-08088-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29228	Core		0.08	1.85	11.5	55	0.37	0.11	0.05	0.11	11.78	2.4	179	0.68	7.0
29228 Dup			0.09	1.70	10.7	53	0.41	0.10	0.06	0.12	11.68	3.1	179	0.63	6.4
QCV1111-00460-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.45	4.19	7053.6	206						10.9			27.6
29246	Core		0.16	>10	33.3	757	3.17	0.54	0.24	0.06	96.77	21.4	137	6.65	51.9
29246 Dup			0.16	>10	33.7	771	3.61	0.52	0.25	0.06	91.34	20.1	139	6.66	48.0
QCV1111-00460-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.74	8.10	9.3	428	2.75	2.53	0.58	0.03	89.79	16.7		7.11	2408.8
29264	Core		0.45	7.78	2134.6	499	2.14	0.31	0.10	0.87	43.78	10.6	181	4.29	44.5
29264 Dup			0.47	7.52	2164.6	523	2.15	0.28	0.10	0.95	54.82	10.7	180	4.32	45.9
QCV1111-00460-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00460-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			2.95		12.4	408	2.82	8.75		0.27	88.25	24.3		6.77	>10000
29228	Core	<0.005													
29228 Dup		<0.005													
29246	Core	0.006													
29246 Dup		0.007													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.966													
QCV1111-00461-0004-BLK		<0.005													
29264	Core	0.144													
29264 Dup		0.143													
QCV1111-00461-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.950													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29228	Core	0.90	3.35	0.73	0.9	0.02	0.30	5.8	8.5	0.05	362	0.55	0.03	0.7	7.5
29228 Dup		0.93	3.13	0.81	0.8	0.01	0.25	5.6	8.1	0.05	378	0.48	0.02	0.6	7.3
QCV1111-00460-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.77	477				50.1
29246	Core	4.97	29.74	1.10	3.6	0.08	4.05	53.1	48.0	1.14	409	0.43	0.23	3.5	56.1
29246 Dup		5.13	29.18	1.04	3.6	0.09	3.50	50.8	52.5	1.11	418	0.43	0.21	3.1	51.9
QCV1111-00460-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.78	18.24		4.0	0.35		47.4	24.6	1.63		0.38	0.49	14.7	39.2
29264	Core	2.32	17.70	1.13	2.4	0.08	2.64	23.6	23.3	0.27	379	0.54	0.17	2.5	25.5
29264 Dup		2.34	18.24	1.07	2.4	0.09	2.54	29.3	23.7	0.26	391	0.52	0.15	2.5	26.1
QCV1111-00460-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00460-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.03		3.9	1.24		44.5	25.0					14.9	46.7

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29228	Core	116	8.9	16.2	0.006	0.033	0.54	2.5	7.0	0.8	10.1	0.07	0.61	3.9	0.013
29228 Dup		128	8.0	15.9	0.004	0.033	0.48	2.5	6.8	0.7	9.9	0.07	0.58	3.7	0.014
QCV1111-00460-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected			13.8												
STD-DS-1 result			14.6												
29246	Core	526	10.4	205.2	0.003	0.137	1.81	20.9	6.3	2.9	73.1	0.39	0.69	19.3	0.113
29246 Dup		529	11.7	217.7	0.004	0.142	1.95	21.3	6.6	2.9	72.7	0.35	0.72	19.2	0.108
QCV1111-00460-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310				10.6					
STD-OREAS92-4A result		637	10.6	197.6	0.008	0.284		14.2		10.4	36.0	1.08	0.66	16.1	0.308
29264	Core	253	75.3	144.6	0.005	1.208	4.62	12.6	6.8	6.5	51.7	0.20	0.69	12.1	0.085
29264 Dup		262	78.7	153.7	0.005	1.212	4.54	12.9	7.0	6.6	53.2	0.19	0.67	12.8	0.076
QCV1111-00460-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00460-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380				22.6					
STD-OREAS94-4A result			30.5	197.4	0.004	1.449		14.2		21.8	36.1	0.96	0.61	16.6	

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29228	Core	0.11	0.7	76	0.4	2.3	24	23.2
29228 Dup		0.10	0.7	73	0.4	2.3	23	26.6
QCV1111-00460-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.30					197	
29246	Core	1.15	5.0	169	0.7	9.1	107	104.4
29246 Dup		1.17	5.0	165	0.7	8.7	108	101.4
QCV1111-00460-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.89	3.1		2.7	26.1	93	124.5
29264	Core	0.80	3.1	120	1.7	6.3	106	68.7
29264 Dup		0.81	3.1	132	1.5	7.0	111	70.7
QCV1111-00460-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00460-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.87	3.1			26.1	184	117.7

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 55**
Description: **3 ACE**

Date Received: 10/28/2011
Date Completed: 11/14/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	39	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30915	Core	<0.005	0.33	>10	10.8	728	3.65	0.26	0.17	0.02	156.42	11.3	117	9.72	48.8
30916	Core	<0.005	0.20	>10	9.5	586	2.87	0.31	4.30	0.12	142.50	14.4	101	8.15	54.7
30917	Core	<0.005	0.21	>10	17.7	694	3.40	0.47	0.32	0.05	160.65	14.5	151	9.65	52.6
30918	Core	<0.005	0.18	>10	17.6	668	3.80	0.38	0.66	0.09	169.38	17.0	140	8.93	67.0
30919	Core	<0.005	0.21	>10	11.9	646	2.71	0.42	0.53	0.14	195.38	21.1	114	8.26	58.8
30920	Core	<0.005	0.18	>10	7.7	692	2.88	0.41	0.23	0.08	200.54	20.5	115	8.63	62.6
30921	Core	<0.005	0.16	>10	10.4	626	2.88	0.40	0.38	0.07	201.37	19.2	111	8.17	55.4
30922	Core	<0.005	0.54	>10	13.2	705	3.48	0.51	0.17	0.09	192.34	17.1	108	8.76	56.5
30923	Core	<0.005	0.26	>10	12.1	653	3.00	0.43	0.45	0.09	191.88	20.2	104	8.16	59.9
30924	Core	<0.005	0.22	>10	15.5	738	3.60	0.43	0.13	0.09	219.78	19.7	101	9.33	63.3
30925	Core	<0.005	0.19	>10	10.9	721	3.35	0.38	0.19	0.11	229.99	16.8	107	8.73	54.6
30926	Core	<0.005	0.21	>10	10.6	674	3.18	0.47	0.16	0.12	214.68	21.8	114	8.27	65.6
30927	Core	<0.005	0.24	>10	11.6	751	3.88	0.46	0.17	0.10	226.74	18.7	103	9.03	59.6
30928	Core	<0.005	0.22	>10	12.3	749	3.59	0.45	0.13	0.11	189.65	22.7	108	9.07	71.3
30929	Core	<0.005	0.25	>10	12.8	748	3.46	0.53	0.13	0.09	234.74	19.8	105	8.86	64.8
30930	Core	<0.005	0.20	>10	13.4	749	3.53	0.46	0.12	0.08	212.31	17.1	106	8.69	65.2
30931	Core	<0.005	0.21	>10	17.0	746	3.01	0.43	0.10	0.08	200.01	15.6	108	8.33	53.9
30932	Core	<0.005	0.45	>10	12.6	782	3.47	0.45	0.18	0.14	198.20	16.1	105	8.62	68.3
30933	Core	<0.005	0.36	>10	18.6	767	3.47	0.42	0.21	0.18	227.42	19.9	90	8.64	60.8
30934	Core	<0.005	0.29	>10	30.9	768	3.07	0.37	0.17	1.39	179.76	25.3	100	8.32	61.8
30935	Core	0.006	0.31	>10	113.0	779	2.85	0.45	0.06	2.96	179.42	11.7	104	8.59	55.1
30936	Core	0.587	3.25	>10	2725.2	822	2.94	0.63	0.09	1.83	212.23	4.6	127	12.26	35.9
30937	Core	0.021	0.55	>10	425.5	775	3.20	0.33	0.07	1.17	192.14	11.5	123	9.28	54.9
30938	Reject	<0.005	0.29	>10	31.1	769	3.18	0.35	0.19	0.37	197.51	22.9	99	8.43	54.3
30939	Reject	<0.005	0.31	>10	21.5	753	3.00	0.39	0.14	0.33	189.20	21.3	98	8.07	57.4
30940	Core	<0.005	0.33	0.09	0.5	18	0.10	0.04	>10	0.06	<0.01	1.5	4	0.80	4.1
30941	Core	<0.005	0.43	>10	45.8	737	3.44	0.41	0.14	0.25	235.40	22.8	92	8.00	58.3
30942	Core	<0.005	0.36	>10	61.8	698	2.92	0.42	0.10	0.31	174.46	17.9	103	7.38	61.1
30943	Core	<0.005	0.27	>10	58.4	704	2.78	0.42	0.09	0.44	164.44	15.5	101	7.26	58.0
30944	Core	<0.005	0.26	>10	87.0	807	3.27	0.37	0.10	0.33	215.19	8.6	104	8.56	43.0
30945	Core	<0.005	0.28	>10	67.0	840	3.15	0.37	0.20	0.39	223.84	13.4	104	8.99	46.9
30946	Core	0.005	0.30	>10	221.3	783	3.64	0.45	0.12	1.01	144.51	15.7	110	9.77	61.9
30947	Core	<0.005	0.28	>10	279.1	719	3.17	0.38	0.13	1.12	199.64	18.1	108	8.43	61.1
30948	Core	<0.005	0.28	>10	185.1	834	3.60	0.45	0.16	0.66	214.97	23.1	115	9.63	73.9
30949	Core	<0.005	0.72	2.34	197.7	74	0.63	0.09	0.05	1.12	47.95	8.5	140	1.25	13.0
30950	Core	0.013	0.34	2.87	222.8	96	0.54	0.10	0.04	1.05	61.04	4.1	143	1.91	14.4
30951	Core	0.018	0.20	2.08	363.2	70	0.42	0.07	0.17	0.48	31.10	4.8	176	1.42	10.4
30952	Core	0.044	0.33	2.42	269.1	77	0.47	0.07	0.05	0.71	40.43	6.4	182	1.82	20.0
30953	Core	0.041	0.23	>10	251.3	985	5.01	0.50	0.09	0.95	130.26	15.0	174	11.16	62.4
30954	Core	0.166	0.97	4.56	443.3	199	1.15	0.17	0.02	1.15	52.97	4.3	165	3.12	28.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
30955	Core	0.097	0.14	1.31	303.7	60	0.39	0.08	0.03	1.09	13.57	1.2	162	1.36	10.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30915	Core	5.31	41.52	1.20	2.6	0.09	3.22	45.7	116.0	1.41	386	0.16	0.85	2.6	53.4
30916	Core	4.84	36.96	1.11	2.3	0.09	2.58	41.2	103.5	1.20	1448	0.27	0.61	2.0	45.9
30917	Core	4.68	39.58	1.24	2.5	0.09	2.92	50.9	104.6	1.13	546	0.38	0.84	2.8	46.7
30918	Core	4.93	40.79	1.31	2.9	0.09	3.04	51.8	117.1	1.26	595	0.31	0.86	2.8	50.1
30919	Core	5.19	39.40	1.32	3.4	0.09	2.81	50.9	122.5	1.27	848	0.46	0.81	3.1	49.8
30920	Core	5.15	39.85	1.24	3.5	0.09	2.80	57.7	117.8	1.23	649	0.44	0.77	3.0	49.2
30921	Core	5.55	37.27	1.24	3.4	0.08	2.92	53.0	126.7	1.37	795	0.43	0.82	2.7	47.3
30922	Core	5.44	40.49	1.39	5.7	0.10	2.87	56.5	129.0	1.31	491	0.47	0.79	4.2	47.7
30923	Core	5.68	37.99	1.16	3.4	0.09	2.73	53.3	123.6	1.39	1006	0.36	0.73	2.7	47.3
30924	Core	5.32	41.85	1.15	3.2	0.10	3.13	63.5	127.5	1.33	489	0.31	0.86	3.1	49.7
30925	Core	5.64	41.15	1.33	3.1	0.09	2.97	60.4	132.6	1.35	526	0.28	0.77	3.1	50.2
30926	Core	5.40	39.93	1.37	3.0	0.09	2.96	57.8	132.3	1.32	573	0.45	0.73	3.3	48.6
30927	Core	5.42	41.31	1.40	3.3	0.10	3.25	58.2	130.9	1.34	507	0.37	0.76	3.8	52.2
30928	Core	5.55	41.78	1.38	3.3	0.09	2.99	56.9	123.6	1.25	559	0.41	0.64	3.4	55.9
30929	Core	5.53	40.95	1.25	3.3	0.09	3.24	59.1	128.4	1.32	569	0.37	0.69	2.7	52.9
30930	Core	5.54	42.59	1.32	3.1	0.09	3.24	58.7	123.1	1.31	473	0.51	0.69	2.3	50.0
30931	Core	5.50	40.71	1.38	3.1	0.09	3.28	55.7	116.6	1.32	485	0.48	0.65	3.0	49.4
30932	Core	5.59	40.44	1.49	3.2	0.09	3.03	60.9	110.4	1.27	520	0.41	0.56	3.6	49.5
30933	Core	5.30	40.19	1.39	3.3	0.09	3.29	59.2	105.9	1.27	840	0.38	0.57	3.2	48.3
30934	Core	5.42	38.68	1.21	3.5	0.09	3.44	53.6	104.1	1.31	850	0.38	0.53	2.8	50.2
30935	Core	5.05	39.93	1.23	3.3	0.09	3.40	43.6	86.9	1.11	466	0.35	0.43	2.6	40.5
30936	Core	3.94	39.72	1.20	3.4	0.71	4.49	53.7	33.8	0.53	223	0.51	0.44	2.6	15.1
30937	Core	5.24	39.62	1.29	3.2	0.12	3.99	53.6	78.8	1.11	492	0.42	0.42	2.6	39.4
30938	Reject	5.23	37.17	1.24	3.3	0.09	3.48	52.4	89.6	1.25	708	0.41	0.43	3.3	49.5
30939	Reject	5.15	39.06	1.36	3.6	0.08	3.44	50.6	89.8	1.26	685	0.40	0.42	3.2	49.3
30940	Core	0.44	1.09	<0.05	<0.1	0.01	0.04	0.8	1.9	>10	203	0.11	<0.01	0.2	4.2
30941	Core	5.28	40.03	1.60	3.6	0.08	3.57	57.7	92.8	1.27	704	0.38	0.44	2.9	50.0
30942	Core	5.06	35.45	1.26	3.4	0.08	3.31	48.0	85.2	1.19	600	0.43	0.35	2.5	45.6
30943	Core	5.25	37.84	1.43	3.1	0.08	3.46	49.8	89.8	1.30	489	0.37	0.32	2.6	54.6
30944	Core	4.98	40.01	1.28	3.0	0.09	4.10	55.1	78.1	1.21	444	0.29	0.34	3.0	40.8
30945	Core	5.11	43.34	1.25	3.1	0.09	3.91	60.9	83.4	1.16	455	0.30	0.34	3.5	44.8
30946	Core	4.89	40.63	1.35	3.3	0.09	3.92	47.2	72.5	1.03	416	0.43	0.33	2.8	48.7
30947	Core	5.04	41.84	1.57	3.6	0.09	3.77	47.2	72.8	1.09	394	0.44	0.31	3.1	49.9
30948	Core	5.44	45.84	1.30	3.8	0.09	3.93	57.8	71.3	1.00	562	0.58	0.37	3.0	55.4
30949	Core	2.16	7.42	0.44	1.0	0.02	0.38	10.4	102.3	0.07	556	0.47	0.04	0.6	14.7
30950	Core	1.43	8.82	0.58	1.4	0.02	0.58	14.8	21.7	0.17	104	0.37	0.05	0.8	11.0
30951	Core	1.26	6.81	0.73	1.1	0.01	0.41	10.8	29.0	0.17	242	0.48	0.26	0.5	9.7
30952	Core	1.76	7.66	0.61	1.0	0.02	0.48	10.4	22.5	0.13	238	0.49	0.22	0.6	14.3
30953	Core	3.16	51.94	1.05	4.2	0.11	5.27	35.9	29.9	0.26	370	0.57	0.35	2.1	32.5
30954	Core	1.88	14.82	0.99	2.3	0.05	1.34	16.9	16.8	0.10	85	0.47	0.07	1.2	11.0

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		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample Description	Sample Type	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.01	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
30955	Core	0.64	4.81	0.88	0.5	0.03	0.35	4.8	15.2	0.03	32	0.43	0.02	0.4	4.5

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30915	Core	248	8.5	189.5	0.003	<0.01	0.59	17.4	4.0	2.6	230.9	0.31	0.36	15.4	0.094
30916	Core	588	25.4	167.4	0.004	<0.01	0.77	15.8	4.0	2.2	197.9	0.21	0.35	13.8	0.065
30917	Core	329	27.2	189.1	0.003	<0.01	1.58	17.3	4.4	2.5	217.2	0.26	0.37	16.4	0.089
30918	Core	551	16.7	185.6	<0.002	<0.01	0.65	17.5	4.3	2.5	206.2	0.27	0.35	17.6	0.089
30919	Core	614	40.8	170.9	<0.002	<0.01	0.72	18.5	4.2	2.4	203.3	0.25	0.41	18.7	0.095
30920	Core	614	22.9	173.1	0.004	<0.01	0.74	18.8	4.6	2.5	196.5	0.27	0.40	19.4	0.105
30921	Core	706	21.7	165.9	0.003	<0.01	0.78	17.5	4.8	2.3	194.5	0.25	0.37	18.3	0.090
30922	Core	765	22.3	177.8	<0.002	0.035	1.38	18.3	4.1	2.7	196.6	0.71	0.49	21.2	0.085
30923	Core	581	24.3	172.4	0.003	0.043	1.10	17.4	4.0	2.4	184.3	0.36	0.40	18.9	0.089
30924	Core	570	25.0	188.4	0.004	0.052	0.89	18.7	4.7	2.6	203.1	0.38	0.37	19.4	0.099
30925	Core	901	23.7	187.2	0.002	0.017	0.83	17.8	4.7	2.6	194.1	0.34	0.37	19.2	0.103
30926	Core	692	31.3	181.5	<0.002	0.033	0.80	17.1	4.8	2.5	176.5	0.35	0.36	19.2	0.103
30927	Core	757	25.7	188.5	0.003	0.027	0.75	19.5	4.6	2.5	190.0	0.35	0.40	19.0	0.119
30928	Core	519	29.1	187.3	<0.002	0.045	0.77	18.5	4.8	2.6	183.4	0.35	0.41	18.8	0.116
30929	Core	594	65.4	190.0	0.004	<0.01	0.66	19.9	4.8	2.4	179.8	0.29	0.38	19.2	0.094
30930	Core	606	22.4	191.7	0.002	0.039	0.81	19.4	4.8	2.4	181.8	0.24	0.41	18.4	0.088
30931	Core	529	23.4	183.3	<0.002	0.023	0.60	18.0	4.1	2.4	166.5	0.24	0.37	18.4	0.098
30932	Core	766	27.5	207.2	0.002	0.030	0.79	18.5	4.1	2.5	164.3	0.32	0.38	19.1	0.116
30933	Core	436	21.5	198.1	<0.002	0.011	0.70	17.9	3.9	2.5	152.3	0.30	0.40	19.4	0.110
30934	Core	593	26.2	199.0	0.003	0.017	0.94	18.3	4.0	2.4	141.8	0.28	0.36	19.1	0.102
30935	Core	377	13.2	209.2	0.002	0.177	1.15	17.3	4.7	2.5	128.6	0.25	0.38	18.6	0.091
30936	Core	394	1856.7	229.0	<0.002	0.112	6.64	18.1	4.9	8.0	156.7	0.21	0.42	17.9	0.100
30937	Core	459	29.2	206.0	<0.002	0.010	1.24	17.1	4.2	2.9	120.8	0.24	0.35	18.4	0.104
30938	Reject	724	37.9	188.3	0.004	0.026	0.99	17.6	4.3	2.4	121.1	0.30	0.39	18.4	0.115
30939	Reject	460	34.5	183.1	0.003	0.037	0.83	18.6	3.9	2.3	114.0	0.25	0.36	19.1	0.110
30940	Core	154	3.1	2.7	0.005	<0.01	<0.05	1.1	4.8	<0.2	48.7	<0.05	0.28	<0.2	<0.005
30941	Core	528	28.6	193.7	0.005	0.024	0.84	18.9	3.8	2.2	119.2	0.29	0.35	20.3	0.104
30942	Core	365	25.6	176.4	0.004	0.027	0.75	16.6	4.4	2.1	91.2	0.23	0.39	19.2	0.093
30943	Core	423	20.4	180.1	0.003	<0.01	0.92	17.4	5.3	2.2	81.1	0.27	0.37	19.3	0.095
30944	Core	534	10.3	213.9	<0.002	0.013	0.91	19.0	5.0	2.7	103.2	0.29	0.36	18.9	0.112
30945	Core	898	13.7	224.1	0.002	<0.01	0.86	19.9	5.3	2.6	102.0	0.31	0.38	19.5	0.121
30946	Core	542	21.9	223.1	<0.002	0.022	0.90	19.8	5.2	2.7	87.4	0.29	0.35	19.2	0.102
30947	Core	627	23.0	212.1	<0.002	0.013	0.84	18.9	5.9	2.5	84.6	0.28	0.34	18.9	0.112
30948	Core	707	29.3	235.4	0.003	<0.01	1.00	20.4	4.3	2.7	107.3	0.28	0.41	22.1	0.109
30949	Core	68	19.3	23.2	0.002	0.042	0.64	3.2	4.5	0.6	12.2	0.05	0.28	6.8	0.016
30950	Core	53	21.0	35.1	<0.002	<0.01	0.82	3.6	7.1	1.2	15.2	0.06	0.33	7.9	0.022
30951	Core	46	19.2	27.2	0.003	0.100	1.12	2.8	6.9	0.9	21.0	<0.05	0.26	6.2	0.015
30952	Core	94	8.6	29.1	<0.002	0.059	1.22	2.7	6.8	1.3	15.9	<0.05	0.26	6.2	0.016
30953	Core	730	12.9	282.6	<0.002	0.024	1.92	23.7	5.3	3.4	113.6	0.26	0.38	23.2	0.092
30954	Core	92	100.6	77.1	0.003	0.100	2.76	5.9	6.3	2.7	24.0	0.11	0.31	10.9	0.038

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Description	Type	10	0.5	0.1	0.002	0.01	0.05	0.1	1.0	0.2	0.2	0.05	0.05	0.2	0.005
30955	Core	<10	26.4	22.7	<0.002	0.028	0.88	2.2	7.9	0.9	21.8	<0.05	0.31	4.2	0.011

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30915	Core	0.97	3.3	166	0.7	6.8	121	80.8
30916	Core	0.88	3.0	130	0.4	9.3	116	70.7
30917	Core	0.97	3.1	147	0.5	7.5	104	81.4
30918	Core	0.89	3.7	153	0.5	10.1	111	93.4
30919	Core	0.87	4.1	152	0.5	9.8	123	107.9
30920	Core	0.94	4.1	156	0.5	9.8	116	109.9
30921	Core	0.85	4.0	157	0.4	9.5	121	108.0
30922	Core	0.88	4.8	160	0.6	9.5	115	108.0
30923	Core	0.85	4.5	159	0.4	9.4	127	105.5
30924	Core	0.94	4.6	162	0.4	9.0	118	99.1
30925	Core	0.91	4.5	164	0.4	9.8	115	101.8
30926	Core	0.90	4.4	155	0.5	9.3	122	96.6
30927	Core	1.03	4.5	161	0.5	9.6	115	105.6
30928	Core	0.99	4.7	165	0.4	9.0	119	100.9
30929	Core	0.97	4.5	160	0.4	9.0	115	99.8
30930	Core	0.99	4.3	161	0.4	8.3	107	96.4
30931	Core	0.96	4.6	159	0.4	8.3	109	99.3
30932	Core	0.99	4.7	165	0.4	9.9	109	105.5
30933	Core	0.97	4.3	156	0.5	9.7	125	105.9
30934	Core	0.99	4.4	157	0.5	10.5	165	114.1
30935	Core	1.02	5.1	155	0.6	8.6	114	110.1
30936	Core	1.20	5.0	143	1.4	9.2	150	116.7
30937	Core	1.09	4.9	159	0.9	8.9	176	105.1
30938	Reject	0.98	4.0	156	0.5	10.2	141	109.4
30939	Reject	0.98	4.2	151	0.5	10.3	138	115.0
30940	Core	0.05	0.4	299	0.1	0.8	18	<0.5
30941	Core	1.08	4.4	156	0.6	9.9	137	104.8
30942	Core	0.99	4.1	143	0.6	9.5	142	111.7
30943	Core	0.96	4.3	147	0.5	9.0	153	105.7
30944	Core	1.10	4.7	164	0.7	8.4	117	99.4
30945	Core	1.11	4.5	164	0.9	8.8	118	96.2
30946	Core	1.13	4.8	154	0.8	9.1	161	104.9
30947	Core	1.06	4.6	151	0.9	9.6	180	114.0
30948	Core	1.25	5.0	167	1.0	11.2	174	123.1
30949	Core	0.13	1.4	22	1.1	3.5	110	34.5
30950	Core	0.18	1.4	28	1.1	3.8	88	48.9
30951	Core	0.15	1.0	22	1.1	2.8	44	34.4
30952	Core	0.17	1.2	21	0.8	2.4	58	33.9
30953	Core	1.51	5.6	173	2.2	10.2	125	138.2
30954	Core	0.43	2.0	45	2.1	5.1	82	82.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30955	Core	0.14	0.7	12	1.0	1.3	31	19.7

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Vol 9-202
Buchanan et al., 2011

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11-360-08089-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30915	Core		0.33	>10	10.8	728	3.65	0.26	0.17	0.02	156.42	11.3	117	9.72	48.8
30915 Dup			0.29	>10	10.3	703	3.54	0.26	0.16	0.03	187.85	11.1	118	9.35	48.7
QCV1110-02715-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			1.03	8.32	6.7	436	2.54	2.45	0.56	0.06		16.9		7.25	2312.4
30933	Core		0.36	>10	18.6	767	3.47	0.42	0.21	0.18	227.42	19.9	90	8.64	60.8
30933 Dup			0.29	>10	18.3	765	3.08	0.39	0.20	0.18	213.90	20.8	87	8.38	59.4
QCV1110-02715-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.64												5933.6
30951	Core		0.20	2.08	363.2	70	0.42	0.07	0.17	0.48	31.10	4.8	176	1.42	10.4
30951 Dup			0.20	2.09	363.1	69	0.40	0.08	0.17	0.46	46.35	4.5	170	1.42	10.1
QCV1110-02715-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.32		9.7	414	2.85	8.05		0.29		26.7		6.90	>10000
30915	Core	<0.005													
30915 Dup		<0.005													
30933	Core	<0.005													
30933 Dup		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.404													
QCV1110-02716-0004-BLK		<0.005													
30951	Core	0.018													
30951 Dup		0.018													
QCV1110-02716-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.898													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30915	Core	5.31	41.52	1.20	2.6	0.09	3.22	45.7	116.0	1.41	386	0.16	0.85	2.6	53.4
30915 Dup		5.26	40.36	1.22	2.7	0.09	3.08	49.9	112.1	1.38	385	0.17	0.82	3.9	51.6
QCV1110-02715-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.51			4.1	0.37	2.78	43.8	27.5	1.66		0.53	0.49	14.6	38.1
30933	Core	5.30	40.19	1.39	3.3	0.09	3.29	59.2	105.9	1.27	840	0.38	0.57	3.2	48.3
30933 Dup		5.11	37.67	1.15	3.1	0.09	3.36	59.0	106.1	1.26	800	0.41	0.58	3.3	51.2
QCV1110-02715-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
30951	Core	1.26	6.81	0.73	1.1	0.01	0.41	10.8	29.0	0.17	242	0.48	0.26	0.5	9.7
30951 Dup		1.23	6.26	0.63	0.9	0.01	0.42	10.4	29.1	0.17	234	0.48	0.27	0.5	9.6
QCV1110-02715-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					3.7	1.24		42.2	29.3			0.89		15.0	45.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30915	Core	248	8.5	189.5	0.003	<0.01	0.59	17.4	4.0	2.6	230.9	0.31	0.36	15.4	0.094
30915 Dup		256	8.0	183.9	0.003	<0.01	0.56	17.9	4.1	2.6	227.5	0.29	0.32	15.7	0.103
QCV1110-02715-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		705	10.6	210.0	0.003	0.271	1.39	13.8		10.5	42.5	1.00	0.35	17.6	0.322
30933	Core	436	21.5	198.1	<0.002	0.011	0.70	17.9	3.9	2.5	152.3	0.30	0.40	19.4	0.110
30933 Dup		454	21.7	201.7	0.004	0.010	0.73	18.2	4.1	2.4	149.1	0.29	0.39	19.8	0.108
QCV1110-02715-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9738.7												
30951	Core	46	19.2	27.2	0.003	0.100	1.12	2.8	6.9	0.9	21.0	<0.05	0.26	6.2	0.015
30951 Dup		52	19.2	26.3	<0.002	0.099	1.13	2.7	7.2	0.9	21.5	<0.05	0.30	6.3	0.014
QCV1110-02715-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			30.3	203.9	0.006	1.339	2.48	14.0		21.6	40.2	0.95	0.35	17.5	

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30915	Core	0.97	3.3	166	0.7	6.8	121	80.8
30915 Dup		0.91	3.2	164	0.8	7.0	122	83.6
QCV1110-02715-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.85	3.3		2.4	26.9	89	134.6
30933	Core	0.97	4.3	156	0.5	9.7	125	105.9
30933 Dup		0.99	4.2	151	0.4	10.0	122	107.4
QCV1110-02715-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4735	
30951	Core	0.15	1.0	22	1.1	2.8	44	34.4
30951 Dup		0.14	0.9	20	1.1	2.7	44	34.6
QCV1110-02715-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.92	3.2			24.6	175	124.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 56**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30956	Core	0.168	0.47	5.15	728.1	318	1.27	0.30	0.03	1.61	29.66	2.4	170	4.04	19.1
30957	Core	0.136	0.26	3.44	554.6	186	0.79	0.30	0.03	1.25	34.02	1.4	137	3.31	12.4
30958	Core	0.203	0.21	4.23	1213.3	249	1.15	0.19	0.07	3.83	38.08	5.6	114	4.38	23.7
30959	Core	0.943	0.25	2.94	1477.6	132	0.79	0.11	0.07	3.19	30.45	2.6	85	3.43	20.7
30960	Core	0.144	0.17	2.78	501.3	151	0.57	0.15	0.03	1.21	26.18	1.2	94	4.23	8.0
30961	Core	0.054	0.16	9.78	835.2	677	2.11	0.34	0.06	0.67	62.14	6.7	197	11.60	29.0
30962	Core	1.691	0.17	4.50	340.5	265	1.10	0.12	0.03	0.13	29.58	1.3	160	6.72	4.9
30963	Core	1.818	0.75	2.42	253.1	119	0.59	0.29	0.02	0.30	27.67	0.8	109	4.32	6.6
30964	Core	0.666	0.43	4.49	1413.6	279	1.24	0.22	0.14	5.80	48.59	4.5	122	5.99	18.7
30965	Core	0.364	0.25	2.16	1525.0	99	0.61	0.09	0.43	2.46	26.72	5.7	119	3.69	11.0
30966	Core	0.161	0.12	1.70	1281.6	82	0.41	0.10	0.39	5.59	22.51	3.9	136	2.69	8.5
30967	Core	0.314	0.07	2.28	3891.9	101	0.75	0.07	0.15	1.16	32.22	3.9	105	3.58	11.6
30968	Core	0.118	0.07	2.07	779.6	104	0.51	0.05	0.03	0.57	29.28	1.8	100	3.64	7.7
30969	Core	0.294	0.09	3.49	1325.0	195	0.98	0.06	0.04	0.88	46.03	3.5	207	5.02	13.9
30970	Core	0.206	0.07	2.40	1416.5	118	0.63	0.05	0.05	0.85	31.61	3.2	156	3.91	19.4
30971	Core	6.455	3.25	1.20	2561.5	70	0.34	0.09	0.06	0.45	18.03	1.7	107	2.28	13.4
30972	Core	0.393	0.14	1.93	912.4	95	0.55	0.06	0.03	0.28	25.57	2.0	105	3.13	11.5
30973	Core	0.162	0.12	2.95	871.9	130	0.64	0.06	0.05	0.65	32.32	3.6	119	3.55	15.5
30974	Core	1.646	0.16	1.61	3497.5	75	0.40	0.13	0.10	1.41	21.57	3.0	107	2.46	8.5
30975	Pulp	8.133	0.41	3.23	961.3	156	0.74	0.66	>10	3.80	25.11	6.3	103	6.20	31.8
30976	Core	1.609	0.14	1.68	4154.4	74	0.52	0.09	0.10	0.81	20.77	3.1	180	2.41	8.0
30977	Core	0.252	0.08	2.25	2654.0	99	0.55	0.06	0.21	0.29	27.84	3.0	94	3.13	14.5
30978	Core	0.337	0.07	2.73	2427.7	130	0.69	0.07	0.09	0.52	31.91	4.6	102	4.71	15.7
30979	Core	4.869	0.56	>10	5919.8	709	2.60	0.82	0.24	0.50	78.46	24.2	135	12.35	29.2
30980	Core	1.921	0.31	2.12	1875.7	93	0.52	0.38	0.01	0.50	15.96	5.9	169	4.98	15.6
30981	Core	0.525	0.28	>10	284.7	706	2.67	0.45	0.15	0.35	73.63	22.4	145	17.45	53.7
30982	Core	0.039	0.24	>10	75.2	809	2.52	0.40	1.01	0.07	58.56	21.9	89	10.84	43.3
30983	Core	0.444	0.25	>10	571.6	1128	3.42	0.47	1.05	0.08	60.62	23.8	121	12.54	52.9
30984	Core	0.121	0.18	>10	235.7	935	2.93	0.49	0.61	0.07	62.65	19.8	103	13.16	43.7
30985	Core	0.640	0.25	2.77	5926.5	110	0.94	0.21	0.34	0.05	23.51	5.3	210	5.08	11.6
30986	Core	0.018	0.18	>10	118.8	744	2.76	0.41	0.22	0.07	87.36	19.1	96	11.43	47.4
30987	Core	<0.005	0.13	>10	111.3	839	2.83	0.41	0.15	0.07	85.61	17.5	95	9.01	47.6
30988	Core	<0.005	0.12	>10	28.5	827	2.68	0.40	0.13	0.06	100.47	17.1	85	7.99	49.7
30989	Core	<0.005	0.14	>10	103.1	819	2.87	0.42	0.17	0.06	102.45	18.9	113	7.89	49.9
30990	Core	<0.005	0.56	>10	46.5	778	2.94	0.46	0.13	0.05	78.55	26.3	111	7.72	49.5
30991	Core	0.010	0.24	>10	27.4	803	3.31	0.43	0.17	0.07	81.94	19.0	114	7.91	52.3
30992	Core	0.010	0.20	>10	34.4	783	3.44	0.41	0.21	0.05	89.36	19.6	105	7.60	53.9
30993	Core	2.160	0.22	>10	2374.4	804	4.27	0.36	0.50	0.09	61.64	19.6	132	8.37	49.3
30994	Core	0.018	1.17	>10	66.1	793	3.50	0.43	0.23	0.09	101.04	19.6	102	7.45	54.7
30995	Core	0.054	1.30	>10	145.4	833	4.03	0.40	0.17	1.28	69.00	19.2	132	7.92	58.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30996	Core	0.045	0.19	2.60	535.1	105	0.59	0.10	0.34	0.79	25.25	5.8	162	1.66	16.2
30997	Core	0.074	0.21	2.72	500.0	118	0.65	0.09	0.15	1.41	29.70	4.5	120	1.75	18.9
30998	Core	0.035	0.23	0.58	622.3	24	0.09	0.10	0.26	2.13	3.39	1.4	111	0.49	9.8
30999	Core	0.023	18.93	3.07	151.1	249	0.72	0.09	0.16	0.35	27.90	7.1	104	2.02	23.1
31000	Core	0.030	0.33	3.07	204.1	154	0.70	0.09	0.34	0.57	22.35	4.2	163	1.85	14.3
31001	Core	0.020	0.12	2.63	162.9	104	0.55	0.06	0.17	0.20	26.90	3.5	71	1.51	12.8
31002	Core	0.017	0.07	0.86	164.9	38	0.15	0.04	0.35	0.04	8.74	1.8	99	0.61	8.4
31003	Core	0.063	0.13	3.14	1125.1	162	0.71	0.09	0.56	0.58	27.41	4.3	87	1.74	15.4
31004	Core	0.049	0.08	1.76	1138.9	81	0.31	0.06	0.22	0.12	17.83	2.5	77	1.13	6.2

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30956	Core	1.09	14.85	1.30	4.7	0.14	1.89	14.2	14.5	0.13	51	0.43	0.10	3.8	6.4
30957	Core	0.75	10.45	1.23	2.0	0.08	1.18	15.8	11.5	0.09	34	0.38	0.05	1.4	4.7
30958	Core	1.49	12.30	1.23	2.0	0.03	1.33	19.3	13.7	0.14	249	0.38	0.07	1.2	17.0
30959	Core	0.86	8.29	1.46	1.3	0.11	0.80	14.5	7.0	0.07	76	0.37	0.03	0.8	12.9
30960	Core	0.63	7.38	1.32	1.4	0.08	1.01	12.4	29.9	0.08	34	0.33	0.04	0.9	4.2
30961	Core	1.79	27.26	1.14	3.8	0.09	3.48	32.8	82.1	0.19	59	0.50	0.19	3.0	13.3
30962	Core	0.46	12.79	1.32	1.8	0.05	1.67	15.2	87.2	0.12	26	0.32	0.07	1.1	3.9
30963	Core	0.41	7.26	1.23	1.4	0.17	0.84	12.9	101.8	0.07	19	0.50	0.04	0.8	3.6
30964	Core	1.43	14.12	1.21	1.8	0.09	1.54	24.3	49.5	0.18	295	0.40	0.07	1.3	8.7
30965	Core	1.48	6.52	1.27	1.1	0.03	0.67	12.6	58.8	0.24	675	0.50	0.03	0.6	11.7
30966	Core	1.00	5.92	1.35	0.9	0.04	0.57	10.6	38.8	0.19	454	0.44	0.03	0.5	9.4
30967	Core	0.98	8.33	1.45	1.4	0.02	0.65	15.2	166.1	0.10	236	0.60	0.03	0.6	10.7
30968	Core	0.72	7.37	1.36	1.5	0.03	0.59	14.0	149.5	0.05	40	0.40	0.03	0.9	5.0
30969	Core	0.95	11.65	1.49	2.6	0.03	1.11	21.6	69.2	0.09	48	0.51	0.06	1.1	7.6
30970	Core	0.94	8.38	1.48	1.7	0.03	0.72	14.8	55.9	0.07	116	0.43	0.04	0.8	9.4
30971	Core	0.63	4.49	1.74	0.8	0.03	0.34	8.3	29.5	0.03	56	0.52	0.02	0.5	4.7
30972	Core	0.63	6.19	1.37	1.0	0.02	0.66	11.9	29.9	0.06	38	0.48	0.04	0.7	6.6
30973	Core	1.37	8.25	1.00	1.4	0.02	0.85	15.3	18.6	0.11	189	0.51	0.04	1.0	13.7
30974	Core	0.82	6.40	1.59	1.1	0.03	0.47	10.1	14.8	0.07	74	0.49	0.03	0.6	9.7
30975	Pulp	1.31	6.80	0.18	2.0	0.06	1.30	14.7	8.5	0.77	281	10.51	<0.01	6.9	61.9
30976	Core	0.87	6.19	1.81	1.2	0.02	0.48	9.9	14.8	0.07	64	0.48	0.03	0.6	9.3
30977	Core	0.76	7.02	1.12	1.7	0.02	0.65	13.0	39.6	0.11	146	0.50	0.03	0.8	10.9
30978	Core	0.97	8.53	1.38	1.8	0.02	0.87	15.2	103.0	0.13	158	0.42	0.03	1.1	13.7
30979	Core	4.74	35.57	1.97	2.5	0.08	3.72	42.1	12.4	0.62	578	0.84	0.14	2.3	51.6
30980	Core	1.12	6.22	2.95	0.4	0.02	0.55	8.6	20.4	0.06	23	0.55	0.04	0.8	15.5
30981	Core	5.45	29.42	1.77	3.0	0.08	3.37	40.9	50.8	1.12	661	0.53	0.27	2.7	49.8
30982	Core	4.90	25.10	1.08	2.3	0.07	3.46	32.3	38.9	1.11	1126	0.67	0.23	2.4	43.0
30983	Core	4.68	32.50	1.45	2.5	0.08	4.72	34.4	53.6	1.11	956	0.67	0.24	2.2	45.8
30984	Core	4.34	28.12	1.33	2.3	0.07	3.75	35.6	75.2	0.98	712	0.70	0.24	2.5	38.5
30985	Core	1.85	7.30	1.98	0.7	0.03	0.52	11.9	57.6	0.24	196	0.52	0.06	0.8	14.0
30986	Core	4.59	27.17	1.32	2.3	0.07	3.37	47.8	46.0	0.83	538	0.33	0.48	2.1	45.5
30987	Core	5.09	30.86	1.32	2.7	0.08	2.95	45.6	61.1	0.94	529	0.40	0.51	2.5	44.8
30988	Core	4.91	28.12	1.25	2.7	0.07	3.12	52.6	62.3	1.08	496	0.38	0.56	2.5	43.5
30989	Core	5.65	32.92	1.49	3.0	0.08	3.19	54.6	75.2	1.19	629	0.46	0.55	2.5	45.3
30990	Core	5.43	34.12	1.57	4.8	0.08	3.45	42.4	72.7	1.18	580	0.47	0.55	3.8	51.4
30991	Core	5.42	35.05	1.47	3.0	0.08	3.63	45.4	80.6	1.17	605	0.41	0.49	2.7	52.1
30992	Core	5.31	33.76	1.39	3.0	0.08	4.06	48.5	57.9	1.11	526	0.41	0.42	2.4	47.9
30993	Core	5.64	37.77	1.43	2.6	0.08	4.06	35.2	46.2	1.04	697	0.47	0.28	2.4	49.3
30994	Core	5.30	34.46	1.26	2.9	0.07	3.74	54.5	50.0	0.82	530	0.48	0.29	2.4	55.7
30995	Core	4.64	36.38	1.31	3.1	0.10	4.22	36.8	29.3	0.52	751	0.53	0.27	2.6	47.8

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30996	Core	1.41	7.43	0.93	1.1	0.03	0.88	11.7	14.7	0.21	705	1.95	0.04	0.6	11.9
30997	Core	1.07	7.81	0.82	1.3	0.04	0.91	13.4	10.4	0.14	340	0.42	0.04	0.9	9.7
30998	Core	0.69	1.47	1.41	<0.1	0.05	0.23	1.6	5.2	0.10	265	0.60	0.01	0.3	6.0
30999	Core	1.04	9.81	0.83	1.5	0.03	1.01	13.2	7.6	0.13	341	0.52	0.06	0.9	11.4
31000	Core	0.96	9.10	0.91	1.4	0.03	1.15	10.3	7.3	0.20	468	0.35	0.06	0.9	10.0
31001	Core	0.86	6.99	0.68	1.4	0.02	0.87	12.2	9.2	0.14	240	0.46	0.05	0.8	8.5
31002	Core	0.50	2.54	1.55	0.3	0.01	0.32	4.0	2.9	0.11	273	0.46	0.02	0.4	5.3
31003	Core	1.14	9.67	0.96	1.3	0.03	1.13	12.5	10.9	0.26	436	0.45	0.06	0.9	11.0
31004	Core	0.62	4.88	1.19	1.1	0.02	0.68	8.0	3.1	0.14	176	0.53	0.03	0.6	6.8

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30956	Core	292	58.5	86.3	<0.002	0.118	2.32	7.0	6.9	2.4	33.1	0.53	0.79	14.2	0.035
30957	Core	211	64.6	61.6	0.007	0.081	2.35	4.9	9.1	3.1	27.0	0.14	0.71	8.8	0.030
30958	Core	469	70.2	73.6	0.006	0.175	1.83	5.3	6.9	1.5	24.6	0.11	0.68	11.2	0.032
30959	Core	255	25.7	43.0	0.004	0.072	2.15	3.7	8.6	1.2	23.6	0.07	0.68	8.4	0.022
30960	Core	120	54.9	57.4	0.011	0.021	1.30	3.4	9.7	3.9	27.3	0.06	0.68	7.7	0.023
30961	Core	524	13.6	189.4	0.004	0.041	1.27	13.2	10.7	2.5	63.4	0.38	0.82	16.5	0.073
30962	Core	364	27.3	100.1	0.005	0.085	0.99	5.3	9.8	3.2	24.2	0.14	0.82	8.3	0.029
30963	Core	133	600.6	49.4	0.008	0.034	1.93	3.0	12.2	2.5	23.2	0.06	0.70	6.2	0.021
30964	Core	469	191.6	90.1	0.003	0.434	2.32	5.6	7.9	2.3	53.5	0.10	0.72	10.1	0.037
30965	Core	116	26.0	40.9	0.003	0.389	1.84	3.2	7.0	1.4	39.3	<0.05	0.73	6.6	0.015
30966	Core	286	33.4	33.0	0.005	0.326	1.80	3.0	8.1	1.7	34.6	<0.05	0.76	6.0	0.013
30967	Core	110	8.0	38.7	0.005	0.247	4.07	3.0	7.8	1.2	29.7	<0.05	0.71	8.5	0.020
30968	Core	52	9.3	41.1	0.005	0.062	1.81	3.1	10.8	1.1	24.4	0.06	0.69	8.7	0.022
30969	Core	60	8.7	68.7	0.003	0.121	2.91	4.5	10.9	1.7	34.3	0.11	0.67	13.5	0.030
30970	Core	75	5.8	45.0	0.003	0.179	1.85	3.2	9.2	1.2	29.0	0.07	0.66	9.9	0.020
30971	Core	174	10.9	21.8	0.003	0.058	3.21	2.4	10.9	1.0	31.4	<0.05	0.75	5.8	0.013
30972	Core	56	5.9	36.8	<0.002	0.120	1.83	2.6	10.9	1.1	17.3	<0.05	0.68	6.9	0.019
30973	Core	113	5.9	46.2	0.005	0.515	1.40	3.3	8.7	1.2	15.0	0.08	0.70	8.9	0.024
30974	Core	314	85.6	29.6	0.004	0.403	4.03	2.3	10.0	1.2	26.3	<0.05	0.68	5.8	0.016
30975	Pulp	4027	5.5	103.6	0.042	1.098	18.32	5.6	13.1	1.5	130.5	0.40	1.16	5.8	0.182
30976	Core	159	51.6	28.8	0.004	0.468	4.57	2.2	11.6	1.2	27.4	<0.05	0.69	6.6	0.015
30977	Core	470	6.6	36.7	0.004	0.264	2.87	2.9	8.3	1.0	43.5	0.07	0.65	8.8	0.023
30978	Core	221	7.0	48.9	0.004	0.367	2.58	3.5	8.8	1.0	36.9	0.08	0.63	9.3	0.029
30979	Core	184	56.1	218.1	0.005	3.492	7.73	13.0	7.6	3.3	177.5	0.25	0.72	15.2	0.080
30980	Core	65	31.5	28.8	0.003	1.045	3.11	3.0	15.1	1.3	34.7	0.06	0.73	3.2	0.019
30981	Core	361	40.5	214.7	0.007	0.625	2.65	15.1	7.1	2.4	136.8	0.30	0.70	17.0	0.081
30982	Core	585	24.5	167.4	0.004	1.073	6.97	14.0	6.8	1.9	100.8	0.25	0.76	13.6	0.074
30983	Core	428	31.1	251.0	0.005	1.559	9.32	16.5	7.4	2.7	133.2	0.28	0.78	15.3	0.082
30984	Core	236	21.7	210.7	0.007	1.237	8.02	15.1	7.1	2.9	103.7	0.27	0.77	14.0	0.081
30985	Core	308	10.3	33.7	<0.002	0.917	6.82	4.2	10.9	1.1	55.5	0.06	0.86	4.4	0.021
30986	Core	1015	23.9	189.7	0.002	0.183	2.87	15.3	6.9	2.1	170.1	0.21	0.72	15.8	0.065
30987	Core	569	22.7	190.2	0.002	0.108	1.21	16.4	7.0	2.3	189.6	0.26	0.79	17.2	0.083
30988	Core	490	18.7	174.4	0.004	0.126	0.87	15.9	7.2	2.2	179.2	0.24	0.83	17.0	0.084
30989	Core	680	21.1	186.5	0.007	0.133	0.92	17.8	7.2	2.3	182.7	0.25	0.72	18.8	0.085
30990	Core	504	31.3	185.5	0.005	0.228	1.49	17.8	7.4	2.4	176.2	0.55	0.74	19.7	0.080
30991	Core	592	21.8	200.8	0.005	0.140	1.40	18.3	7.9	2.4	163.3	0.40	0.75	19.0	0.083
30992	Core	656	21.5	208.1	0.005	0.131	1.43	18.6	8.4	2.4	168.2	0.33	0.74	19.1	0.089
30993	Core	464	26.8	247.0	0.004	0.534	3.71	19.7	7.8	2.6	138.8	0.28	0.68	16.7	0.090
30994	Core	662	39.0	221.9	0.005	0.152	1.32	18.8	8.0	2.4	117.8	0.25	0.69	19.7	0.088
30995	Core	463	28.6	243.2	0.004	1.221	1.87	19.8	7.9	3.5	103.6	0.30	0.72	19.7	0.098

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30996	Core	154	42.9	43.5	0.007	0.578	1.14	3.1	7.0	4.8	19.2	0.07	0.64	6.4	0.018
30997	Core	89	80.9	48.6	0.003	0.537	1.24	3.3	7.2	6.7	13.9	0.08	0.67	7.9	0.024
30998	Core	276	114.1	10.7	0.004	0.341	1.46	1.6	8.0	3.2	13.3	<0.05	0.63	0.9	<0.005
30999	Core	136	42.0	54.1	0.003	0.404	0.92	4.1	7.7	5.1	19.5	0.09	0.63	8.3	0.028
31000	Core	94	28.1	57.8	0.003	0.420	0.92	3.9	7.5	6.4	20.4	0.08	0.61	6.9	0.022
31001	Core	132	17.5	41.6	0.004	0.407	0.72	2.8	7.5	5.7	14.5	0.08	0.69	7.1	0.023
31002	Core	571	4.3	15.5	0.005	0.171	0.73	1.8	7.1	3.3	20.2	<0.05	0.65	1.9	0.008
31003	Core	141	42.2	58.3	0.004	0.577	1.51	3.8	6.9	4.4	29.5	0.08	0.67	7.9	0.028
31004	Core	88	14.6	37.7	0.002	0.265	1.51	2.1	7.3	6.8	13.8	0.05	0.70	5.7	0.016

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30956	Core	0.57	2.2	51	2.3	4.1	60	53.9
30957	Core	0.38	1.5	36	1.9	3.9	38	53.9
30958	Core	0.41	2.1	46	2.3	5.4	201	53.1
30959	Core	0.28	1.8	27	6.7	4.9	95	44.2
30960	Core	0.33	1.3	26	2.7	2.7	27	38.5
30961	Core	0.98	3.0	106	2.6	6.5	93	94.2
30962	Core	0.52	1.1	44	2.2	3.1	9	46.8
30963	Core	0.29	0.9	23	1.2	2.9	19	43.8
30964	Core	0.51	1.8	50	2.1	4.9	185	54.7
30965	Core	0.25	1.1	25	6.3	4.4	239	39.1
30966	Core	0.20	1.1	22	1.1	3.5	251	29.5
30967	Core	0.22	1.3	27	1.4	3.9	54	41.3
30968	Core	0.23	1.2	25	1.4	3.0	30	47.3
30969	Core	0.39	1.9	41	2.1	6.3	45	85.9
30970	Core	0.26	1.4	27	1.6	3.5	46	52.3
30971	Core	0.15	0.9	15	1.1	2.2	22	33.5
30972	Core	0.23	1.0	21	1.2	2.1	19	33.0
30973	Core	0.37	1.5	29	1.9	4.8	36	42.7
30974	Core	0.22	1.0	20	1.3	2.6	103	32.0
30975	Pulp	11.92	7.5	423	31.9	22.0	269	69.2
30976	Core	0.24	1.1	21	1.4	2.6	66	34.0
30977	Core	0.27	1.3	28	1.8	4.1	24	47.4
30978	Core	0.34	1.4	32	1.8	3.7	32	52.9
30979	Core	1.29	3.1	138	7.3	5.4	144	65.3
30980	Core	0.23	0.8	23	3.0	1.4	55	13.8
30981	Core	1.12	3.9	147	4.6	6.5	146	82.3
30982	Core	0.99	2.9	128	2.7	5.9	117	63.8
30983	Core	1.27	3.4	157	4.0	6.3	104	69.0
30984	Core	1.06	3.3	134	3.0	5.1	95	66.2
30985	Core	0.22	0.9	30	2.8	2.8	25	24.5
30986	Core	0.94	3.5	132	1.4	6.6	114	68.3
30987	Core	0.94	4.0	154	0.7	6.7	120	84.5
30988	Core	0.87	3.9	145	0.4	6.9	115	83.4
30989	Core	0.87	4.2	164	0.6	8.5	138	94.7
30990	Core	1.05	4.3	157	0.9	7.3	130	87.9
30991	Core	1.01	4.4	162	1.3	7.9	130	87.0
30992	Core	1.02	4.2	163	1.3	8.8	127	85.4
30993	Core	1.25	4.1	167	4.4	7.9	122	79.8
30994	Core	1.05	4.4	153	1.6	9.4	131	88.8
30995	Core	1.27	4.1	154	3.5	9.9	206	92.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30996	Core	0.24	0.9	27	2.2	3.3	97	33.7
30997	Core	0.27	1.0	28	2.7	3.4	118	43.3
30998	Core	0.10	0.1	6	47.8	1.2	145	4.9
30999	Core	0.31	1.2	34	2.7	3.7	58	50.3
31000	Core	0.29	1.0	31	2.2	3.2	67	40.5
31001	Core	0.23	1.1	25	1.7	3.2	35	41.0
31002	Core	0.11	0.3	10	0.7	2.1	8	9.7
31003	Core	0.32	1.2	35	8.2	3.5	66	41.4
31004	Core	0.21	0.9	18	1.3	2.1	17	31.1

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30956	Core		0.47	5.15	728.1	318	1.27	0.30	0.03	1.61	29.66	2.4	170	4.04	19.1
30956 Dup			0.55	5.14	724.5	327	1.32	0.28	0.04	1.61	45.65	2.6	134	4.09	20.4
QCV1111-00429-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.03	6625.6	210						9.6			27.4
30974	Core		0.16	1.61	3497.5	75	0.40	0.13	0.10	1.41	21.57	3.0	107	2.46	8.5
30974 Dup			0.33	1.73	3657.4	75	0.46	0.12	0.10	1.45	22.02	3.2	130	2.47	7.8
QCV1111-00429-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.50	4.18	6843.7	227						10.4			27.7
30992	Core		0.20	>10	34.4	783	3.44	0.41	0.21	0.05	89.36	19.6	105	7.60	53.9
30992 Dup			0.16	>10	35.4	795	3.07	0.42	0.21	0.07	99.61	19.8	108	7.69	55.7
QCV1111-00429-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00429-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.30	7005.6	215						10.5			28.8
30956	Core	0.168													
30956 Dup		0.168													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.417													
QCV1111-00430-0004-BLK		<0.005													
30992	Core	0.010													
30992 Dup		0.008													
QCV1111-00430-0006-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.398													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30956	Core	1.09	14.85	1.30	4.7	0.14	1.89	14.2	14.5	0.13	51	0.43	0.10	3.8	6.4
30956 Dup		1.17	15.30	1.17	2.3	0.14	1.81	23.3	14.1	0.13	55	0.43	0.09	2.0	6.5
QCV1111-00429-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.73	435				48.1
30974	Core	0.82	6.40	1.59	1.1	0.03	0.47	10.1	14.8	0.07	74	0.49	0.03	0.6	9.7
30974 Dup		0.85	6.29	1.66	1.0	0.03	0.52	10.3	15.0	0.08	80	0.50	0.03	0.7	9.1
QCV1111-00429-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.78	441				47.8
30992	Core	5.31	33.76	1.39	3.0	0.08	4.06	48.5	57.9	1.11	526	0.41	0.42	2.4	47.9
30992 Dup		5.28	35.31	1.39	2.9	0.08	3.86	52.7	59.6	1.10	518	0.46	0.40	2.5	50.6
QCV1111-00429-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00429-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.86	461				51.2

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30956	Core	292	58.5	86.3	<0.002	0.118	2.32	7.0	6.9	2.4	33.1	0.53	0.79	14.2	0.035
30956 Dup		254	58.6	93.4	0.006	0.111	2.17	7.4	7.9	2.4	35.9	0.21	0.73	13.3	0.046
QCV1111-00429-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		323	11.9												
30974	Core	314	85.6	29.6	0.004	0.403	4.03	2.3	10.0	1.2	26.3	<0.05	0.68	5.8	0.016
30974 Dup		271	85.0	30.4	0.004	0.426	4.28	2.4	11.8	1.3	27.9	<0.05	0.71	6.5	0.016
QCV1111-00429-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		341	14.2												
30992	Core	656	21.5	208.1	0.005	0.131	1.43	18.6	8.4	2.4	168.2	0.33	0.74	19.1	0.089
30992 Dup		657	21.1	213.1	0.004	0.129	1.55	18.4	9.5	2.3	166.3	0.29	0.76	19.4	0.087
QCV1111-00429-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00429-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		356	13.0												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30956	Core	0.57	2.2	51	2.3	4.1	60	53.9
30956 Dup		0.53	2.3	53	2.0	4.7	62	60.1
QCV1111-00429-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							202	
30974	Core	0.22	1.0	20	1.3	2.6	103	32.0
30974 Dup		0.21	1.0	21	1.3	2.5	110	36.2
QCV1111-00429-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							205	
30992	Core	1.02	4.2	163	1.3	8.8	127	85.4
30992 Dup		1.06	4.2	161	1.3	9.0	131	85.0
QCV1111-00429-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00429-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							209	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 56**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30956	Core	0.168	0.47	5.15	728.1	318	1.27	0.30	0.03	1.61	29.66	2.4	170	4.04	19.1
30957	Core	0.136	0.26	3.44	554.6	186	0.79	0.30	0.03	1.25	34.02	1.4	137	3.31	12.4
30958	Core	0.203	0.21	4.23	1213.3	249	1.15	0.19	0.07	3.83	38.08	5.6	114	4.38	23.7
30959	Core	0.943	0.25	2.94	1477.6	132	0.79	0.11	0.07	3.19	30.45	2.6	85	3.43	20.7
30960	Core	0.144	0.17	2.78	501.3	151	0.57	0.15	0.03	1.21	26.18	1.2	94	4.23	8.0
30961	Core	0.054	0.16	9.78	835.2	677	2.11	0.34	0.06	0.67	62.14	6.7	197	11.60	29.0
30962	Core	1.691	0.17	4.50	340.5	265	1.10	0.12	0.03	0.13	29.58	1.3	160	6.72	4.9
30963	Core	1.818	0.75	2.42	253.1	119	0.59	0.29	0.02	0.30	27.67	0.8	109	4.32	6.6
30964	Core	0.666	0.43	4.49	1413.6	279	1.24	0.22	0.14	5.80	48.59	4.5	122	5.99	18.7
30965	Core	0.364	0.25	2.16	1525.0	99	0.61	0.09	0.43	2.46	26.72	5.7	119	3.69	11.0
30966	Core	0.161	0.12	1.70	1281.6	82	0.41	0.10	0.39	5.59	22.51	3.9	136	2.69	8.5
30967	Core	0.314	0.07	2.28	3891.9	101	0.75	0.07	0.15	1.16	32.22	3.9	105	3.58	11.6
30968	Core	0.118	0.07	2.07	779.6	104	0.51	0.05	0.03	0.57	29.28	1.8	100	3.64	7.7
30969	Core	0.294	0.09	3.49	1325.0	195	0.98	0.06	0.04	0.88	46.03	3.5	207	5.02	13.9
30970	Core	0.206	0.07	2.40	1416.5	118	0.63	0.05	0.05	0.85	31.61	3.2	156	3.91	19.4
30971	Core	6.455	3.25	1.20	2561.5	70	0.34	0.09	0.06	0.45	18.03	1.7	107	2.28	13.4
30972	Core	0.393	0.14	1.93	912.4	95	0.55	0.06	0.03	0.28	25.57	2.0	105	3.13	11.5
30973	Core	0.162	0.12	2.95	871.9	130	0.64	0.06	0.05	0.65	32.32	3.6	119	3.55	15.5
30974	Core	1.646	0.16	1.61	3497.5	75	0.40	0.13	0.10	1.41	21.57	3.0	107	2.46	8.5
30975	Pulp	8.133	0.41	3.23	961.3	156	0.74	0.66	>10	3.80	25.11	6.3	103	6.20	31.8
30976	Core	1.609	0.14	1.68	4154.4	74	0.52	0.09	0.10	0.81	20.77	3.1	180	2.41	8.0
30977	Core	0.252	0.08	2.25	2654.0	99	0.55	0.06	0.21	0.29	27.84	3.0	94	3.13	14.5
30978	Core	0.337	0.07	2.73	2427.7	130	0.69	0.07	0.09	0.52	31.91	4.6	102	4.71	15.7
30979	Core	4.869	0.56	>10	5919.8	709	2.60	0.82	0.24	0.50	78.46	24.2	135	12.35	29.2
30980	Core	1.921	0.31	2.12	1875.7	93	0.52	0.38	0.01	0.50	15.96	5.9	169	4.98	15.6
30981	Core	0.525	0.28	>10	284.7	706	2.67	0.45	0.15	0.35	73.63	22.4	145	17.45	53.7
30982	Core	0.039	0.24	>10	75.2	809	2.52	0.40	1.01	0.07	58.56	21.9	89	10.84	43.3
30983	Core	0.444	0.25	>10	571.6	1128	3.42	0.47	1.05	0.08	60.62	23.8	121	12.54	52.9
30984	Core	0.121	0.18	>10	235.7	935	2.93	0.49	0.61	0.07	62.65	19.8	103	13.16	43.7
30985	Core	0.640	0.25	2.77	5926.5	110	0.94	0.21	0.34	0.05	23.51	5.3	210	5.08	11.6
30986	Core	0.018	0.18	>10	118.8	744	2.76	0.41	0.22	0.07	87.36	19.1	96	11.43	47.4
30987	Core	<0.005	0.13	>10	111.3	839	2.83	0.41	0.15	0.07	85.61	17.5	95	9.01	47.6
30988	Core	<0.005	0.12	>10	28.5	827	2.68	0.40	0.13	0.06	100.47	17.1	85	7.99	49.7
30989	Core	<0.005	0.14	>10	103.1	819	2.87	0.42	0.17	0.06	102.45	18.9	113	7.89	49.9
30990	Core	<0.005	0.56	>10	46.5	778	2.94	0.46	0.13	0.05	78.55	26.3	111	7.72	49.5
30991	Core	0.010	0.24	>10	27.4	803	3.31	0.43	0.17	0.07	81.94	19.0	114	7.91	52.3
30992	Core	0.010	0.20	>10	34.4	783	3.44	0.41	0.21	0.05	89.36	19.6	105	7.60	53.9
30993	Core	2.160	0.22	>10	2374.4	804	4.27	0.36	0.50	0.09	61.64	19.6	132	8.37	49.3
30994	Core	0.018	1.17	>10	66.1	793	3.50	0.43	0.23	0.09	101.04	19.6	102	7.45	54.7
30995	Core	0.054	1.30	>10	145.4	833	4.03	0.40	0.17	1.28	69.00	19.2	132	7.92	58.7

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30996	Core	0.045	0.19	2.60	535.1	105	0.59	0.10	0.34	0.79	25.25	5.8	162	1.66	16.2
30997	Core	0.074	0.21	2.72	500.0	118	0.65	0.09	0.15	1.41	29.70	4.5	120	1.75	18.9
30998	Core	0.035	0.23	0.58	622.3	24	0.09	0.10	0.26	2.13	3.39	1.4	111	0.49	9.8
30999	Core	0.023	18.93	3.07	151.1	249	0.72	0.09	0.16	0.35	27.90	7.1	104	2.02	23.1
31000	Core	0.030	0.33	3.07	204.1	154	0.70	0.09	0.34	0.57	22.35	4.2	163	1.85	14.3
31001	Core	0.020	0.12	2.63	162.9	104	0.55	0.06	0.17	0.20	26.90	3.5	71	1.51	12.8
31002	Core	0.017	0.07	0.86	164.9	38	0.15	0.04	0.35	0.04	8.74	1.8	99	0.61	8.4
31003	Core	0.063	0.13	3.14	1125.1	162	0.71	0.09	0.56	0.58	27.41	4.3	87	1.74	15.4
31004	Core	0.049	0.08	1.76	1138.9	81	0.31	0.06	0.22	0.12	17.83	2.5	77	1.13	6.2

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30956	Core	1.09	14.85	1.30	4.7	0.14	1.89	14.2	14.5	0.13	51	0.43	0.10	3.8	6.4
30957	Core	0.75	10.45	1.23	2.0	0.08	1.18	15.8	11.5	0.09	34	0.38	0.05	1.4	4.7
30958	Core	1.49	12.30	1.23	2.0	0.03	1.33	19.3	13.7	0.14	249	0.38	0.07	1.2	17.0
30959	Core	0.86	8.29	1.46	1.3	0.11	0.80	14.5	7.0	0.07	76	0.37	0.03	0.8	12.9
30960	Core	0.63	7.38	1.32	1.4	0.08	1.01	12.4	29.9	0.08	34	0.33	0.04	0.9	4.2
30961	Core	1.79	27.26	1.14	3.8	0.09	3.48	32.8	82.1	0.19	59	0.50	0.19	3.0	13.3
30962	Core	0.46	12.79	1.32	1.8	0.05	1.67	15.2	87.2	0.12	26	0.32	0.07	1.1	3.9
30963	Core	0.41	7.26	1.23	1.4	0.17	0.84	12.9	101.8	0.07	19	0.50	0.04	0.8	3.6
30964	Core	1.43	14.12	1.21	1.8	0.09	1.54	24.3	49.5	0.18	295	0.40	0.07	1.3	8.7
30965	Core	1.48	6.52	1.27	1.1	0.03	0.67	12.6	58.8	0.24	675	0.50	0.03	0.6	11.7
30966	Core	1.00	5.92	1.35	0.9	0.04	0.57	10.6	38.8	0.19	454	0.44	0.03	0.5	9.4
30967	Core	0.98	8.33	1.45	1.4	0.02	0.65	15.2	166.1	0.10	236	0.60	0.03	0.6	10.7
30968	Core	0.72	7.37	1.36	1.5	0.03	0.59	14.0	149.5	0.05	40	0.40	0.03	0.9	5.0
30969	Core	0.95	11.65	1.49	2.6	0.03	1.11	21.6	69.2	0.09	48	0.51	0.06	1.1	7.6
30970	Core	0.94	8.38	1.48	1.7	0.03	0.72	14.8	55.9	0.07	116	0.43	0.04	0.8	9.4
30971	Core	0.63	4.49	1.74	0.8	0.03	0.34	8.3	29.5	0.03	56	0.52	0.02	0.5	4.7
30972	Core	0.63	6.19	1.37	1.0	0.02	0.66	11.9	29.9	0.06	38	0.48	0.04	0.7	6.6
30973	Core	1.37	8.25	1.00	1.4	0.02	0.85	15.3	18.6	0.11	189	0.51	0.04	1.0	13.7
30974	Core	0.82	6.40	1.59	1.1	0.03	0.47	10.1	14.8	0.07	74	0.49	0.03	0.6	9.7
30975	Pulp	1.31	6.80	0.18	2.0	0.06	1.30	14.7	8.5	0.77	281	10.51	<0.01	6.9	61.9
30976	Core	0.87	6.19	1.81	1.2	0.02	0.48	9.9	14.8	0.07	64	0.48	0.03	0.6	9.3
30977	Core	0.76	7.02	1.12	1.7	0.02	0.65	13.0	39.6	0.11	146	0.50	0.03	0.8	10.9
30978	Core	0.97	8.53	1.38	1.8	0.02	0.87	15.2	103.0	0.13	158	0.42	0.03	1.1	13.7
30979	Core	4.74	35.57	1.97	2.5	0.08	3.72	42.1	12.4	0.62	578	0.84	0.14	2.3	51.6
30980	Core	1.12	6.22	2.95	0.4	0.02	0.55	8.6	20.4	0.06	23	0.55	0.04	0.8	15.5
30981	Core	5.45	29.42	1.77	3.0	0.08	3.37	40.9	50.8	1.12	661	0.53	0.27	2.7	49.8
30982	Core	4.90	25.10	1.08	2.3	0.07	3.46	32.3	38.9	1.11	1126	0.67	0.23	2.4	43.0
30983	Core	4.68	32.50	1.45	2.5	0.08	4.72	34.4	53.6	1.11	956	0.67	0.24	2.2	45.8
30984	Core	4.34	28.12	1.33	2.3	0.07	3.75	35.6	75.2	0.98	712	0.70	0.24	2.5	38.5
30985	Core	1.85	7.30	1.98	0.7	0.03	0.52	11.9	57.6	0.24	196	0.52	0.06	0.8	14.0
30986	Core	4.59	27.17	1.32	2.3	0.07	3.37	47.8	46.0	0.83	538	0.33	0.48	2.1	45.5
30987	Core	5.09	30.86	1.32	2.7	0.08	2.95	45.6	61.1	0.94	529	0.40	0.51	2.5	44.8
30988	Core	4.91	28.12	1.25	2.7	0.07	3.12	52.6	62.3	1.08	496	0.38	0.56	2.5	43.5
30989	Core	5.65	32.92	1.49	3.0	0.08	3.19	54.6	75.2	1.19	629	0.46	0.55	2.5	45.3
30990	Core	5.43	34.12	1.57	4.8	0.08	3.45	42.4	72.7	1.18	580	0.47	0.55	3.8	51.4
30991	Core	5.42	35.05	1.47	3.0	0.08	3.63	45.4	80.6	1.17	605	0.41	0.49	2.7	52.1
30992	Core	5.31	33.76	1.39	3.0	0.08	4.06	48.5	57.9	1.11	526	0.41	0.42	2.4	47.9
30993	Core	5.64	37.77	1.43	2.6	0.08	4.06	35.2	46.2	1.04	697	0.47	0.28	2.4	49.3
30994	Core	5.30	34.46	1.26	2.9	0.07	3.74	54.5	50.0	0.82	530	0.48	0.29	2.4	55.7
30995	Core	4.64	36.38	1.31	3.1	0.10	4.22	36.8	29.3	0.52	751	0.53	0.27	2.6	47.8

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Certificate of Analysis

11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30996	Core	1.41	7.43	0.93	1.1	0.03	0.88	11.7	14.7	0.21	705	1.95	0.04	0.6	11.9
30997	Core	1.07	7.81	0.82	1.3	0.04	0.91	13.4	10.4	0.14	340	0.42	0.04	0.9	9.7
30998	Core	0.69	1.47	1.41	<0.1	0.05	0.23	1.6	5.2	0.10	265	0.60	0.01	0.3	6.0
30999	Core	1.04	9.81	0.83	1.5	0.03	1.01	13.2	7.6	0.13	341	0.52	0.06	0.9	11.4
31000	Core	0.96	9.10	0.91	1.4	0.03	1.15	10.3	7.3	0.20	468	0.35	0.06	0.9	10.0
31001	Core	0.86	6.99	0.68	1.4	0.02	0.87	12.2	9.2	0.14	240	0.46	0.05	0.8	8.5
31002	Core	0.50	2.54	1.55	0.3	0.01	0.32	4.0	2.9	0.11	273	0.46	0.02	0.4	5.3
31003	Core	1.14	9.67	0.96	1.3	0.03	1.13	12.5	10.9	0.26	436	0.45	0.06	0.9	11.0
31004	Core	0.62	4.88	1.19	1.1	0.02	0.68	8.0	3.1	0.14	176	0.53	0.03	0.6	6.8

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30956	Core	292	58.5	86.3	<0.002	0.118	2.32	7.0	6.9	2.4	33.1	0.53	0.79	14.2	0.035
30957	Core	211	64.6	61.6	0.007	0.081	2.35	4.9	9.1	3.1	27.0	0.14	0.71	8.8	0.030
30958	Core	469	70.2	73.6	0.006	0.175	1.83	5.3	6.9	1.5	24.6	0.11	0.68	11.2	0.032
30959	Core	255	25.7	43.0	0.004	0.072	2.15	3.7	8.6	1.2	23.6	0.07	0.68	8.4	0.022
30960	Core	120	54.9	57.4	0.011	0.021	1.30	3.4	9.7	3.9	27.3	0.06	0.68	7.7	0.023
30961	Core	524	13.6	189.4	0.004	0.041	1.27	13.2	10.7	2.5	63.4	0.38	0.82	16.5	0.073
30962	Core	364	27.3	100.1	0.005	0.085	0.99	5.3	9.8	3.2	24.2	0.14	0.82	8.3	0.029
30963	Core	133	600.6	49.4	0.008	0.034	1.93	3.0	12.2	2.5	23.2	0.06	0.70	6.2	0.021
30964	Core	469	191.6	90.1	0.003	0.434	2.32	5.6	7.9	2.3	53.5	0.10	0.72	10.1	0.037
30965	Core	116	26.0	40.9	0.003	0.389	1.84	3.2	7.0	1.4	39.3	<0.05	0.73	6.6	0.015
30966	Core	286	33.4	33.0	0.005	0.326	1.80	3.0	8.1	1.7	34.6	<0.05	0.76	6.0	0.013
30967	Core	110	8.0	38.7	0.005	0.247	4.07	3.0	7.8	1.2	29.7	<0.05	0.71	8.5	0.020
30968	Core	52	9.3	41.1	0.005	0.062	1.81	3.1	10.8	1.1	24.4	0.06	0.69	8.7	0.022
30969	Core	60	8.7	68.7	0.003	0.121	2.91	4.5	10.9	1.7	34.3	0.11	0.67	13.5	0.030
30970	Core	75	5.8	45.0	0.003	0.179	1.85	3.2	9.2	1.2	29.0	0.07	0.66	9.9	0.020
30971	Core	174	10.9	21.8	0.003	0.058	3.21	2.4	10.9	1.0	31.4	<0.05	0.75	5.8	0.013
30972	Core	56	5.9	36.8	<0.002	0.120	1.83	2.6	10.9	1.1	17.3	<0.05	0.68	6.9	0.019
30973	Core	113	5.9	46.2	0.005	0.515	1.40	3.3	8.7	1.2	15.0	0.08	0.70	8.9	0.024
30974	Core	314	85.6	29.6	0.004	0.403	4.03	2.3	10.0	1.2	26.3	<0.05	0.68	5.8	0.016
30975	Pulp	4027	5.5	103.6	0.042	1.098	18.32	5.6	13.1	1.5	130.5	0.40	1.16	5.8	0.182
30976	Core	159	51.6	28.8	0.004	0.468	4.57	2.2	11.6	1.2	27.4	<0.05	0.69	6.6	0.015
30977	Core	470	6.6	36.7	0.004	0.264	2.87	2.9	8.3	1.0	43.5	0.07	0.65	8.8	0.023
30978	Core	221	7.0	48.9	0.004	0.367	2.58	3.5	8.8	1.0	36.9	0.08	0.63	9.3	0.029
30979	Core	184	56.1	218.1	0.005	3.492	7.73	13.0	7.6	3.3	177.5	0.25	0.72	15.2	0.080
30980	Core	65	31.5	28.8	0.003	1.045	3.11	3.0	15.1	1.3	34.7	0.06	0.73	3.2	0.019
30981	Core	361	40.5	214.7	0.007	0.625	2.65	15.1	7.1	2.4	136.8	0.30	0.70	17.0	0.081
30982	Core	585	24.5	167.4	0.004	1.073	6.97	14.0	6.8	1.9	100.8	0.25	0.76	13.6	0.074
30983	Core	428	31.1	251.0	0.005	1.559	9.32	16.5	7.4	2.7	133.2	0.28	0.78	15.3	0.082
30984	Core	236	21.7	210.7	0.007	1.237	8.02	15.1	7.1	2.9	103.7	0.27	0.77	14.0	0.081
30985	Core	308	10.3	33.7	<0.002	0.917	6.82	4.2	10.9	1.1	55.5	0.06	0.86	4.4	0.021
30986	Core	1015	23.9	189.7	0.002	0.183	2.87	15.3	6.9	2.1	170.1	0.21	0.72	15.8	0.065
30987	Core	569	22.7	190.2	0.002	0.108	1.21	16.4	7.0	2.3	189.6	0.26	0.79	17.2	0.083
30988	Core	490	18.7	174.4	0.004	0.126	0.87	15.9	7.2	2.2	179.2	0.24	0.83	17.0	0.084
30989	Core	680	21.1	186.5	0.007	0.133	0.92	17.8	7.2	2.3	182.7	0.25	0.72	18.8	0.085
30990	Core	504	31.3	185.5	0.005	0.228	1.49	17.8	7.4	2.4	176.2	0.55	0.74	19.7	0.080
30991	Core	592	21.8	200.8	0.005	0.140	1.40	18.3	7.9	2.4	163.3	0.40	0.75	19.0	0.083
30992	Core	656	21.5	208.1	0.005	0.131	1.43	18.6	8.4	2.4	168.2	0.33	0.74	19.1	0.089
30993	Core	464	26.8	247.0	0.004	0.534	3.71	19.7	7.8	2.6	138.8	0.28	0.68	16.7	0.090
30994	Core	662	39.0	221.9	0.005	0.152	1.32	18.8	8.0	2.4	117.8	0.25	0.69	19.7	0.088
30995	Core	463	28.6	243.2	0.004	1.221	1.87	19.8	7.9	3.5	103.6	0.30	0.72	19.7	0.098

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30996	Core	154	42.9	43.5	0.007	0.578	1.14	3.1	7.0	4.8	19.2	0.07	0.64	6.4	0.018
30997	Core	89	80.9	48.6	0.003	0.537	1.24	3.3	7.2	6.7	13.9	0.08	0.67	7.9	0.024
30998	Core	276	114.1	10.7	0.004	0.341	1.46	1.6	8.0	3.2	13.3	<0.05	0.63	0.9	<0.005
30999	Core	136	42.0	54.1	0.003	0.404	0.92	4.1	7.7	5.1	19.5	0.09	0.63	8.3	0.028
31000	Core	94	28.1	57.8	0.003	0.420	0.92	3.9	7.5	6.4	20.4	0.08	0.61	6.9	0.022
31001	Core	132	17.5	41.6	0.004	0.407	0.72	2.8	7.5	5.7	14.5	0.08	0.69	7.1	0.023
31002	Core	571	4.3	15.5	0.005	0.171	0.73	1.8	7.1	3.3	20.2	<0.05	0.65	1.9	0.008
31003	Core	141	42.2	58.3	0.004	0.577	1.51	3.8	6.9	4.4	29.5	0.08	0.67	7.9	0.028
31004	Core	88	14.6	37.7	0.002	0.265	1.51	2.1	7.3	6.8	13.8	0.05	0.70	5.7	0.016

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30956	Core	0.57	2.2	51	2.3	4.1	60	53.9
30957	Core	0.38	1.5	36	1.9	3.9	38	53.9
30958	Core	0.41	2.1	46	2.3	5.4	201	53.1
30959	Core	0.28	1.8	27	6.7	4.9	95	44.2
30960	Core	0.33	1.3	26	2.7	2.7	27	38.5
30961	Core	0.98	3.0	106	2.6	6.5	93	94.2
30962	Core	0.52	1.1	44	2.2	3.1	9	46.8
30963	Core	0.29	0.9	23	1.2	2.9	19	43.8
30964	Core	0.51	1.8	50	2.1	4.9	185	54.7
30965	Core	0.25	1.1	25	6.3	4.4	239	39.1
30966	Core	0.20	1.1	22	1.1	3.5	251	29.5
30967	Core	0.22	1.3	27	1.4	3.9	54	41.3
30968	Core	0.23	1.2	25	1.4	3.0	30	47.3
30969	Core	0.39	1.9	41	2.1	6.3	45	85.9
30970	Core	0.26	1.4	27	1.6	3.5	46	52.3
30971	Core	0.15	0.9	15	1.1	2.2	22	33.5
30972	Core	0.23	1.0	21	1.2	2.1	19	33.0
30973	Core	0.37	1.5	29	1.9	4.8	36	42.7
30974	Core	0.22	1.0	20	1.3	2.6	103	32.0
30975	Pulp	11.92	7.5	423	31.9	22.0	269	69.2
30976	Core	0.24	1.1	21	1.4	2.6	66	34.0
30977	Core	0.27	1.3	28	1.8	4.1	24	47.4
30978	Core	0.34	1.4	32	1.8	3.7	32	52.9
30979	Core	1.29	3.1	138	7.3	5.4	144	65.3
30980	Core	0.23	0.8	23	3.0	1.4	55	13.8
30981	Core	1.12	3.9	147	4.6	6.5	146	82.3
30982	Core	0.99	2.9	128	2.7	5.9	117	63.8
30983	Core	1.27	3.4	157	4.0	6.3	104	69.0
30984	Core	1.06	3.3	134	3.0	5.1	95	66.2
30985	Core	0.22	0.9	30	2.8	2.8	25	24.5
30986	Core	0.94	3.5	132	1.4	6.6	114	68.3
30987	Core	0.94	4.0	154	0.7	6.7	120	84.5
30988	Core	0.87	3.9	145	0.4	6.9	115	83.4
30989	Core	0.87	4.2	164	0.6	8.5	138	94.7
30990	Core	1.05	4.3	157	0.9	7.3	130	87.9
30991	Core	1.01	4.4	162	1.3	7.9	130	87.0
30992	Core	1.02	4.2	163	1.3	8.8	127	85.4
30993	Core	1.25	4.1	167	4.4	7.9	122	79.8
30994	Core	1.05	4.4	153	1.6	9.4	131	88.8
30995	Core	1.27	4.1	154	3.5	9.9	206	92.7

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11-360-08090-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30996	Core	0.24	0.9	27	2.2	3.3	97	33.7
30997	Core	0.27	1.0	28	2.7	3.4	118	43.3
30998	Core	0.10	0.1	6	47.8	1.2	145	4.9
30999	Core	0.31	1.2	34	2.7	3.7	58	50.3
31000	Core	0.29	1.0	31	2.2	3.2	67	40.5
31001	Core	0.23	1.1	25	1.7	3.2	35	41.0
31002	Core	0.11	0.3	10	0.7	2.1	8	9.7
31003	Core	0.32	1.2	35	8.2	3.5	66	41.4
31004	Core	0.21	0.9	18	1.3	2.1	17	31.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
30956	Core		0.47	5.15	728.1	318	1.27	0.30	0.03	1.61	29.66	2.4	170	4.04	19.1
30956 Dup			0.55	5.14	724.5	327	1.32	0.28	0.04	1.61	45.65	2.6	134	4.09	20.4
QCV1111-00429-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.03	6625.6	210						9.6			27.4
30974	Core		0.16	1.61	3497.5	75	0.40	0.13	0.10	1.41	21.57	3.0	107	2.46	8.5
30974 Dup			0.33	1.73	3657.4	75	0.46	0.12	0.10	1.45	22.02	3.2	130	2.47	7.8
QCV1111-00429-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.50	4.18	6843.7	227						10.4			27.7
30992	Core		0.20	>10	34.4	783	3.44	0.41	0.21	0.05	89.36	19.6	105	7.60	53.9
30992 Dup			0.16	>10	35.4	795	3.07	0.42	0.21	0.07	99.61	19.8	108	7.69	55.7
QCV1111-00429-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00429-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.30	7005.6	215						10.5			28.8
30956	Core	0.168													
30956 Dup		0.168													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.417													
QCV1111-00430-0004-BLK		<0.005													
30992	Core	0.010													
30992 Dup		0.008													
QCV1111-00430-0006-BLK		<0.005													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.398													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
30956	Core	1.09	14.85	1.30	4.7	0.14	1.89	14.2	14.5	0.13	51	0.43	0.10	3.8	6.4
30956 Dup		1.17	15.30	1.17	2.3	0.14	1.81	23.3	14.1	0.13	55	0.43	0.09	2.0	6.5
QCV1111-00429-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.73	435				48.1
30974	Core	0.82	6.40	1.59	1.1	0.03	0.47	10.1	14.8	0.07	74	0.49	0.03	0.6	9.7
30974 Dup		0.85	6.29	1.66	1.0	0.03	0.52	10.3	15.0	0.08	80	0.50	0.03	0.7	9.1
QCV1111-00429-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.78	441				47.8
30992	Core	5.31	33.76	1.39	3.0	0.08	4.06	48.5	57.9	1.11	526	0.41	0.42	2.4	47.9
30992 Dup		5.28	35.31	1.39	2.9	0.08	3.86	52.7	59.6	1.10	518	0.46	0.40	2.5	50.6
QCV1111-00429-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00429-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.86	461				51.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
30956	Core	292	58.5	86.3	<0.002	0.118	2.32	7.0	6.9	2.4	33.1	0.53	0.79	14.2	0.035
30956 Dup		254	58.6	93.4	0.006	0.111	2.17	7.4	7.9	2.4	35.9	0.21	0.73	13.3	0.046
QCV1111-00429-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		323	11.9												
30974	Core	314	85.6	29.6	0.004	0.403	4.03	2.3	10.0	1.2	26.3	<0.05	0.68	5.8	0.016
30974 Dup		271	85.0	30.4	0.004	0.426	4.28	2.4	11.8	1.3	27.9	<0.05	0.71	6.5	0.016
QCV1111-00429-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		341	14.2												
30992	Core	656	21.5	208.1	0.005	0.131	1.43	18.6	8.4	2.4	168.2	0.33	0.74	19.1	0.089
30992 Dup		657	21.1	213.1	0.004	0.129	1.55	18.4	9.5	2.3	166.3	0.29	0.76	19.4	0.087
QCV1111-00429-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00429-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		356	13.0												

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
30956	Core	0.57	2.2	51	2.3	4.1	60	53.9
30956 Dup		0.53	2.3	53	2.0	4.7	62	60.1
QCV1111-00429-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							202	
30974	Core	0.22	1.0	20	1.3	2.6	103	32.0
30974 Dup		0.21	1.0	21	1.3	2.5	110	36.2
QCV1111-00429-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							205	
30992	Core	1.02	4.2	163	1.3	8.8	127	85.4
30992 Dup		1.06	4.2	161	1.3	9.0	131	85.0
QCV1111-00429-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00429-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result							209	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 57**
Description: **3 ACE**

Date Received: 10/28/2011
Date Completed: 11/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08091-01

Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29276	Core	0.124	0.20	2.77	3728.7	109	0.37	0.09	0.05	0.06	16.44	4.5	200	1.53	14.9
29277	Core	0.066	0.28	2.59	805.1	101	0.43	0.10	0.06	0.54	28.14	5.8	159	1.28	24.5
29278	Core	0.007	0.13	3.71	50.5	160	0.63	0.11	0.07	0.05	24.33	7.7	162	1.67	15.0
29279	Core	0.036	0.39	4.01	475.9	197	0.85	0.11	0.26	0.04	17.29	7.9	179	1.87	18.6
29280	Core	0.109	0.21	3.52	1521.4	175	0.87	0.11	0.09	0.16	16.12	8.3	195	1.73	20.3
29281	Core	0.083	0.21	2.76	1394.5	120	0.55	0.10	0.07	0.12	15.62	5.9	194	1.35	13.7
29282	Core	0.050	0.17	2.65	611.2	96	0.40	0.10	0.06	0.03	25.75	5.7	159	1.11	8.5
29283	Core	0.011	0.17	4.36	64.8	251	1.16	0.16	0.11	0.11	21.55	14.7	129	1.67	24.6
29284	Core	<0.005	0.13	1.99	24.3	84	0.40	0.10	0.09	0.05	21.38	4.5	146	0.93	8.9
29285	Core	0.340	10.26	4.48	2554.7	490	1.25	0.37	0.23	3.04	13.64	14.8	357	2.89	83.7
29286	Core	<0.005	0.27	2.27	20.5	89	0.36	0.10	0.06	0.02	20.93	3.9	159	1.03	7.4
29287	Core	<0.005	0.12	2.22	9.7	98	0.47	0.09	0.05	<0.02	30.16	3.7	182	1.12	7.9
29288	Core	<0.005	0.11	2.27	8.9	101	0.42	0.07	0.05	<0.02	26.30	3.3	228	1.22	7.1
29289	Core	0.012	0.13	2.74	134.0	151	0.63	0.10	0.09	0.03	29.14	4.1	199	1.61	5.8
29290	Core	0.069	0.19	2.25	1409.3	102	0.49	0.12	0.05	0.06	20.55	5.7	161	1.59	13.0
29291	Core	0.006	0.22	2.60	84.9	105	0.51	0.11	0.05	<0.02	30.76	5.2	92	1.37	8.5
29292	Core	<0.005	0.19	1.46	15.0	104	0.52	0.07	0.06	<0.02	23.44	5.2	137	1.12	9.2
29293	Core	<0.005	0.12	2.07	8.0	101	0.54	0.08	0.08	0.02	24.53	5.1	132	1.18	9.5
29294	Core	<0.005	0.15	6.45	13.5	321	1.55	0.17	0.17	0.03	54.10	14.4	165	3.67	25.1
29295	Core	0.009	0.45	>10	21.9	683	2.97	0.45	0.29	0.09	87.26	19.7	142	7.81	52.5
29296	Core	<0.005	0.20	>10	20.2	641	3.14	0.48	0.31	0.10	119.29	19.8	125	7.33	57.1
29297	Core	<0.005	0.22	>10	16.5	781	2.81	0.50	0.56	0.09	107.13	19.0	126	7.56	54.7
29298	Reject	<0.005	0.26	<0.01	16.1	750	3.07	0.58	0.41	0.11	112.43	19.8	128	7.42	65.0
29299	Reject	<0.005	0.23	7.65	15.7	642	2.79	0.53	0.39	0.17	81.68	19.7	162	6.94	61.1
29300	Core	<0.005	0.16	0.09	1.7	23	0.11	0.05	>10	0.05	1.17	1.9	9	0.35	4.8
29301	Core	<0.005	0.18	>10	12.7	698	2.65	0.46	0.93	0.17	99.44	18.2	149	6.08	51.4
29302	Core	<0.005	0.18	>10	13.1	732	3.11	0.44	0.39	0.07	111.00	20.8	120	6.95	49.6
29303	Core	<0.005	0.20	>10	21.8	691	3.32	0.48	0.44	0.09	104.65	21.0	137	8.05	48.2
29304	Core	<0.005	0.23	>10	18.5	686	2.97	0.43	0.38	0.06	110.45	18.7	119	8.66	54.7
29305	Core	<0.005	0.11	3.56	5.5	164	0.79	0.11	0.12	0.03	37.37	7.2	178	1.86	21.9
29306	Core	<0.005	0.12	3.88	4.6	179	1.04	0.12	0.12	0.02	49.68	10.4	140	2.14	19.4
29307	Core	<0.005	0.10	3.52	5.5	150	0.83	0.12	0.13	0.04	39.62	8.3	168	1.82	12.7
29308	Core	0.024	0.23	1.52	210.7	113	0.50	0.11	0.04	1.49	26.69	3.2	135	1.42	13.8
29309	Core	0.013	0.25	6.65	152.2	456	1.82	0.25	0.05	1.89	56.02	11.1	205	4.13	32.3
29310	Core	<0.005	0.25	6.73	77.0	441	2.09	0.28	0.28	0.51	58.32	14.3	183	4.18	42.3
29311	Core	<0.005	0.19	7.05	42.4	445	2.10	0.26	0.09	0.37	51.05	14.0	177	4.09	41.6
29312	Core	0.036	0.25	3.31	143.3	174	0.72	0.14	0.02	<0.02	34.28	2.2	192	2.44	14.1
29313	Core	0.027	0.54	5.06	171.0	365	1.24	0.20	0.03	<0.02	42.57	1.0	202	5.06	12.8
29314	Core	0.005	0.17	2.09	34.2	105	0.52	0.15	0.03	<0.02	25.03	2.1	217	1.91	6.5
29315	Core	<0.005	0.17	1.82	27.6	152	0.61	0.12	0.02	0.03	27.48	1.3	215	2.34	5.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29316	Core	<0.005	0.16	2.34	20.6	136	0.63	0.11	0.02	0.02	28.11	2.2	124	1.75	5.8
29317	Core	0.111	0.23	2.39	567.3	149	0.65	0.11	0.02	0.07	30.97	4.5	146	2.48	18.8
29318	Core	0.075	0.35	8.06	294.5	733	2.06	0.33	0.02	0.28	66.74	4.7	207	9.41	47.4
29319	Core	0.132	0.74	>10	154.1	996	2.64	0.47	0.03	0.23	63.51	4.4	155	13.30	56.7
29320	Core	0.009	0.19	9.50	38.3	870	2.62	0.44	0.03	0.10	44.54	11.9	179	8.61	58.9

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Northern Tiger Resources
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3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29276	Core	1.33	8.82	0.61	1.4	0.02	0.70	7.8	8.6	0.09	442	0.45	0.05	1.4	10.6
29277	Core	1.36	8.13	0.77	1.3	0.03	0.59	13.3	9.0	0.08	463	0.46	0.04	0.9	11.7
29278	Core	1.68	11.80	0.54	1.6	0.03	0.82	11.8	11.4	0.13	535	0.32	0.05	0.9	15.1
29279	Core	1.91	11.99	0.56	4.6	0.03	0.90	8.2	12.7	0.13	482	0.43	0.07	2.1	16.1
29280	Core	2.05	10.94	0.67	1.6	0.03	0.90	7.9	12.7	0.12	581	0.44	0.06	1.2	18.7
29281	Core	1.41	8.62	0.79	1.5	0.03	0.66	6.7	8.0	0.08	416	0.45	0.04	0.9	13.0
29282	Core	1.40	8.40	0.35	1.4	0.02	0.50	11.9	11.9	0.09	342	0.36	0.04	0.8	11.6
29283	Core	2.59	20.14	<0.05	2.3	0.04	1.34	8.4	21.1	0.19	425	0.43	0.10	1.3	27.0
29284	Core	1.20	6.52	<0.05	1.1	0.02	0.40	9.3	8.5	0.07	462	0.47	0.03	0.7	7.6
29285	Core	3.73	20.97	0.83	2.0	0.11	2.34	6.1	47.3	0.36	691	9.23	0.13	3.1	38.7
29286	Core	0.86	6.60	0.51	1.1	0.01	0.45	9.7	6.1	0.07	276	0.47	0.03	0.7	7.1
29287	Core	0.92	7.75	0.59	1.3	0.02	0.45	14.1	6.7	0.07	423	0.41	0.03	0.8	7.3
29288	Core	0.87	7.18	0.45	1.2	0.02	0.46	12.1	9.4	0.06	509	0.63	0.04	0.7	7.1
29289	Core	1.00	10.02	0.77	1.6	0.02	0.76	13.3	11.4	0.09	496	0.47	0.07	1.0	8.3
29290	Core	1.64	8.46	0.61	1.2	0.02	0.53	9.6	34.3	0.12	513	0.59	0.05	0.8	14.7
29291	Core	1.57	9.49	0.10	1.5	0.02	0.51	13.8	18.3	0.22	263	0.42	0.05	0.8	11.4
29292	Core	1.51	8.93	0.35	1.5	0.02	0.51	9.7	17.9	0.17	460	0.46	0.05	0.8	12.0
29293	Core	1.66	8.29	0.19	1.2	0.02	0.46	10.8	14.7	0.14	821	0.37	0.05	0.8	11.6
29294	Core	3.73	21.81	0.79	2.9	0.05	1.43	25.2	37.4	0.43	941	0.44	0.16	1.7	32.6
29295	Core	5.25	40.38	1.38	3.2	0.09	3.10	46.8	89.4	1.28	523	0.56	0.38	2.4	53.0
29296	Core	5.10	37.82	1.08	3.2	0.09	3.12	61.4	90.2	1.27	530	0.55	0.39	2.9	51.5
29297	Core	5.18	39.09	0.55	3.2	0.09	3.17	58.2	93.7	1.33	610	0.47	0.43	3.5	48.6
29298	Reject	5.35	39.64	0.58	3.3	0.09	3.04	59.3	94.3	1.33	573	0.51	0.39	3.1	50.1
29299	Reject	5.16	36.39	0.80	3.1	0.09	2.74	37.2	97.9	1.19	599	0.54	0.35	3.2	47.9
29300	Core	0.47	0.78	<0.05	<0.1	0.01	0.03	0.7	1.1	>10	229	0.07	<0.01	0.5	3.0
29301	Core	5.17	35.02	1.35	3.1	0.07	2.82	52.6	97.3	1.34	712	0.49	0.36	2.6	48.3
29302	Core	5.43	38.35	0.90	3.4	0.09	3.11	56.4	94.1	1.35	479	0.57	0.35	3.1	49.7
29303	Core	5.12	37.55	0.83	3.3	0.09	2.96	54.4	78.5	1.14	531	0.65	0.33	2.3	50.0
29304	Core	4.72	39.44	0.79	3.5	0.09	3.11	56.6	66.5	0.61	699	0.51	0.35	3.0	46.2
29305	Core	2.14	11.72	0.42	1.7	0.03	0.78	17.8	17.9	0.18	983	0.43	0.09	1.3	16.3
29306	Core	2.22	14.39	0.28	2.1	0.04	0.80	22.8	17.6	0.20	674	0.33	0.09	1.4	18.2
29307	Core	2.33	12.88	0.63	1.7	0.03	0.67	18.3	14.3	0.20	540	0.37	0.07	1.2	17.3
29308	Core	1.05	7.68	0.58	1.4	0.02	0.63	11.7	10.7	0.06	125	0.42	0.03	0.8	6.9
29309	Core	2.31	24.24	0.62	2.3	0.06	2.11	28.7	13.5	0.16	229	0.72	0.10	1.8	26.7
29310	Core	3.54	23.27	0.73	2.3	0.06	1.97	29.9	19.6	0.23	577	0.69	0.11	1.3	41.5
29311	Core	3.56	23.78	0.54	2.3	0.06	1.99	26.4	28.7	0.22	419	0.56	0.10	1.5	38.4
29312	Core	2.21	10.75	0.68	1.3	0.02	0.89	16.4	24.7	0.07	29	0.55	0.07	1.0	4.5
29313	Core	2.10	17.17	0.92	4.6	0.03	1.69	22.1	25.2	0.10	24	0.88	0.11	2.6	4.4
29314	Core	0.38	7.04	0.70	1.3	0.01	0.46	11.8	27.1	0.03	20	0.55	0.05	0.8	4.2
29315	Core	0.31	8.92	0.66	1.3	0.02	0.70	12.3	35.6	0.04	19	0.70	0.07	1.0	4.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29316	Core	0.26	9.05	<0.05	1.4	0.01	0.57	12.3	45.7	0.04	18	0.61	0.05	1.0	2.9
29317	Core	0.43	9.27	0.42	1.4	0.03	0.67	14.2	22.1	0.05	35	0.78	0.04	1.0	5.0
29318	Core	2.22	28.05	1.06	2.2	0.09	2.51	34.7	21.7	0.18	55	0.81	0.17	2.6	9.7
29319	Core	2.93	35.72	1.22	2.5	0.10	3.35	33.3	28.4	0.25	67	1.19	0.25	3.2	11.2
29320	Core	2.65	32.05	1.30	2.3	0.08	2.94	23.9	40.1	0.30	125	0.57	0.24	3.2	16.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29276	Core	94	23.9	43.8	<0.002	0.463	4.09	3.6	6.4	2.0	13.4	0.09	0.32	8.6	0.022
29277	Core	127	22.2	38.1	0.002	0.461	1.53	3.6	5.8	1.5	12.8	0.06	0.31	8.4	0.025
29278	Core	122	13.6	48.3	<0.002	0.126	1.04	5.6	7.9	0.9	15.0	0.08	0.33	8.3	0.030
29279	Core	960	18.4	55.3	<0.002	0.180	1.25	6.3	5.0	1.3	28.5	0.28	0.36	11.8	0.028
29280	Core	225	18.1	57.0	<0.002	0.595	2.48	5.0	5.7	1.1	20.0	0.14	0.28	9.1	0.028
29281	Core	134	19.1	40.0	<0.002	0.440	2.24	3.8	6.7	1.0	13.3	0.09	0.34	7.6	0.024
29282	Core	96	19.9	29.2	<0.002	0.148	1.18	4.0	5.7	0.8	12.2	0.08	0.34	8.7	0.022
29283	Core	289	15.5	66.5	0.002	0.085	0.96	7.8	4.9	1.0	28.2	0.18	0.32	8.6	0.039
29284	Core	250	10.8	22.7	0.002	0.053	0.57	3.1	4.9	0.8	12.8	0.07	0.29	5.5	0.018
29285	Core	366	258.7	95.4	0.003	2.126	5.72	8.7	5.8	4.5	59.2	0.29	0.38	6.6	0.089
29286	Core	123	18.4	25.9	<0.002	0.044	0.69	2.6	5.3	0.8	12.0	0.07	0.29	7.0	0.018
29287	Core	76	14.7	31.2	0.003	0.028	0.67	2.7	5.2	0.8	12.2	0.07	0.27	8.0	0.020
29288	Core	78	12.1	30.1	<0.002	0.028	0.64	2.8	5.1	0.8	14.0	0.06	0.30	7.4	0.020
29289	Core	260	8.5	45.1	<0.002	0.060	0.84	3.8	5.0	0.8	22.5	0.09	0.33	8.1	0.027
29290	Core	48	11.0	32.8	0.002	0.483	1.99	4.0	5.4	0.8	21.1	0.07	0.31	7.3	0.022
29291	Core	74	10.7	32.5	<0.002	0.045	0.46	3.7	7.5	0.6	20.4	0.07	0.31	8.1	0.024
29292	Core	71	18.5	28.5	<0.002	0.018	0.46	3.2	4.9	0.7	15.1	0.08	0.30	6.8	0.025
29293	Core	114	20.4	29.4	<0.002	0.025	0.41	3.4	3.6	0.6	13.3	0.08	0.29	6.7	0.022
29294	Core	222	17.0	89.9	0.003	0.038	0.78	10.1	4.3	1.4	39.7	0.17	0.34	14.4	0.059
29295	Core	582	24.6	208.2	<0.002	0.098	1.21	18.1	5.5	2.7	102.1	0.28	0.38	20.8	0.094
29296	Core	810	16.7	207.0	<0.002	0.083	1.09	19.0	4.4	3.9	97.0	0.32	0.41	21.6	0.111
29297	Core	549	21.5	218.3	0.005	0.071	0.69	17.7	5.3	2.4	123.5	0.34	0.36	21.5	0.118
29298	Reject	1249	117.0	211.9	<0.002	0.085	0.46	17.3	5.1	2.6	109.6	0.33	0.41	21.0	0.115
29299	Reject	964	66.9	201.8	0.003	0.066	0.41	19.8	4.8	2.6	95.4	0.33	0.42	18.3	0.123
29300	Core	163	8.2	2.0	<0.002	<0.01	<0.05	1.1	5.4	<0.2	40.2	0.23	0.26	0.3	<0.005
29301	Core	989	28.6	170.6	0.003	0.069	0.28	14.6	4.8	2.3	120.5	0.26	0.39	20.3	0.099
29302	Core	1445	11.8	200.1	<0.002	0.096	0.40	18.3	5.0	2.3	92.6	0.30	0.41	21.1	0.110
29303	Core	480	23.6	206.8	<0.002	0.189	0.68	17.8	4.6	2.5	88.0	0.24	0.43	20.9	0.092
29304	Core	638	12.3	208.4	0.002	0.126	0.70	18.5	4.3	3.1	87.5	0.34	0.40	22.9	0.109
29305	Core	94	15.3	50.0	0.003	0.019	0.16	5.2	4.4	1.9	24.6	0.09	0.31	9.6	0.043
29306	Core	118	14.7	58.4	0.002	0.017	0.14	7.0	4.4	1.3	23.9	0.11	0.30	10.9	0.044
29307	Core	143	12.2	47.5	<0.002	0.015	0.13	5.9	5.4	1.0	20.2	0.10	0.31	10.0	0.040
29308	Core	185	27.4	44.2	<0.002	0.036	2.50	3.6	8.0	2.0	13.6	0.08	0.35	7.1	0.025
29309	Core	370	20.5	134.0	<0.002	0.071	3.24	10.3	8.3	2.2	44.2	0.15	0.33	14.9	0.066
29310	Core	1495	25.4	123.2	0.002	0.030	3.33	10.3	5.0	2.0	59.6	0.17	0.36	14.6	0.051
29311	Core	447	19.1	125.8	0.002	0.039	2.02	10.8	6.2	1.7	35.9	0.15	0.34	13.8	0.063
29312	Core	394	20.9	56.1	<0.002	0.071	2.64	3.8	12.6	1.7	49.7	0.07	0.28	5.3	0.029
29313	Core	299	14.5	99.7	0.005	0.064	4.73	7.4	8.8	1.9	46.2	0.34	0.40	9.2	0.046
29314	Core	134	13.5	29.3	0.002	0.016	1.65	2.5	9.2	1.1	42.2	0.10	0.32	4.9	0.022
29315	Core	102	12.7	44.7	0.003	0.012	2.12	3.2	7.4	1.1	48.4	0.12	0.34	5.3	0.028

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29316	Core	19	8.3	38.4	<0.002	<0.01	4.22	2.8	7.8	0.9	34.4	0.11	0.28	4.8	0.026
29317	Core	110	11.6	44.8	<0.002	0.026	3.00	3.1	8.2	1.4	45.4	0.09	0.33	8.0	0.027
29318	Core	225	14.8	185.5	<0.002	0.091	6.93	11.5	10.1	2.4	89.7	0.28	0.44	16.4	0.081
29319	Core	201	26.4	234.4	0.004	0.146	8.70	15.3	11.7	2.8	102.3	0.30	0.42	17.8	0.109
29320	Core	141	7.9	200.4	0.003	0.373	6.08	13.8	10.5	3.6	77.6	0.27	0.49	13.5	0.110

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11-360-08091-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29276	Core	0.22	1.3	83	0.8	3.7	28	55.1
29277	Core	0.23	1.1	83	0.8	4.0	84	48.5
29278	Core	0.28	1.3	102	0.9	4.5	59	56.7
29279	Core	0.33	1.8	99	0.9	5.9	55	65.1
29280	Core	0.32	1.5	88	0.9	4.7	62	55.4
29281	Core	0.25	1.2	88	0.8	3.8	39	46.5
29282	Core	0.17	1.3	93	0.6	3.7	34	51.5
29283	Core	0.37	2.2	127	1.1	3.6	83	80.8
29284	Core	0.15	1.1	84	0.7	3.3	29	36.7
29285	Core	0.75	2.8	124	92.3	3.3	230	87.3
29286	Core	0.16	1.1	79	0.9	3.0	23	40.1
29287	Core	0.17	1.1	84	0.7	3.5	26	45.9
29288	Core	0.18	1.0	85	0.6	3.6	26	41.9
29289	Core	0.24	1.4	88	0.8	4.7	29	51.7
29290	Core	0.17	1.1	87	2.1	3.2	39	40.9
29291	Core	0.18	1.2	92	0.7	3.6	32	49.9
29292	Core	0.17	1.2	90	0.7	2.9	32	50.3
29293	Core	0.17	1.0	87	0.4	3.6	34	40.4
29294	Core	0.48	2.7	133	0.8	8.5	92	101.8
29295	Core	1.07	4.3	178	2.3	10.5	130	111.1
29296	Core	0.97	4.4	181	0.5	10.6	124	114.2
29297	Core	0.97	4.3	168	0.4	10.4	124	108.7
29298	Reject	1.00	4.2	170	0.4	11.8	122	112.8
29299	Reject	0.97	4.2	184	0.3	8.5	120	113.4
29300	Core	0.04	0.4	83	0.2	0.7	19	0.9
29301	Core	0.94	4.1	156	0.4	10.2	134	99.7
29302	Core	0.99	4.3	178	0.3	11.4	123	120.4
29303	Core	0.98	4.3	178	0.3	11.0	118	120.6
29304	Core	1.00	4.5	182	0.8	12.5	120	129.8
29305	Core	0.25	1.5	116	0.4	5.6	39	61.1
29306	Core	0.26	1.6	121	0.4	6.7	47	77.3
29307	Core	0.25	1.5	112	0.4	5.2	47	63.9
29308	Core	0.20	1.3	95	0.7	3.3	62	50.9
29309	Core	0.70	2.7	139	0.9	6.3	71	81.2
29310	Core	0.60	2.9	129	1.1	9.5	132	81.1
29311	Core	0.67	2.8	134	1.0	6.8	103	79.4
29312	Core	0.32	1.2	94	1.0	3.3	19	43.3
29313	Core	0.59	1.6	114	1.9	3.7	14	61.0
29314	Core	0.18	0.9	82	0.9	3.3	5	42.5
29315	Core	0.26	0.9	92	1.2	2.5	5	43.1

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11-360-08091-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29316	Core	0.19	1.0	89	0.8	2.7	5	49.2
29317	Core	0.24	1.1	96	1.5	3.1	7	51.0
29318	Core	0.97	2.6	148	2.8	4.9	40	81.1
29319	Core	1.22	3.1	168	4.5	5.3	55	90.8
29320	Core	1.06	2.7	162	1.6	5.1	48	84.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29276	Core		0.20	2.77	3728.7	109	0.37	0.09	0.05	0.06	16.44	4.5	200	1.53	14.9
29276 Dup			0.19	2.93	3929.9	111	0.58	0.08	0.05	0.06	18.90	4.8	196	1.56	14.8
QCV1111-00135-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.97	7.47	13.1	445		2.38	0.58	0.08	77.75	16.6		6.77	2333.3
29294	Core		0.15	6.45	13.5	321	1.55	0.17	0.17	0.03	54.10	14.4	165	3.67	25.1
29294 Dup			0.14	6.44	11.5	329	1.41	0.18	0.17	0.03	45.06	14.3	166	3.68	24.1
QCV1111-00135-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.14		11.8	398		8.33		0.30	93.10	23.5		7.05	>10000
29312	Core		0.25	3.31	143.3	174	0.72	0.14	0.02	<0.02	34.28	2.2	192	2.44	14.1
29312 Dup			0.18	3.09	143.8	169	0.72	0.12	0.03	<0.02	26.72	2.5	206	2.34	11.8
QCV1111-00135-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.04												5941.5
29276	Core	0.124													
29276 Dup		0.122													
29294	Core	<0.005													
29294 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.945													
QCV1111-00136-0004-BLK		<0.005													
29312	Core	0.036													
29312 Dup		0.035													
QCV1111-00136-0006-BLK		<0.005													

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Northern Tiger Resources
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29276	Core	1.33	8.82	0.61	1.4	0.02	0.70	7.8	8.6	0.09	442	0.45	0.05	1.4	10.6
29276 Dup		1.31	9.03	0.66	1.6	0.02	0.68	8.8	8.3	0.09	443	0.46	0.05	1.0	10.7
QCV1111-00135-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.55			3.8	0.38	2.65	36.5	24.2	1.60		0.64	0.47	14.3	39.1
29294	Core	3.73	21.81	0.79	2.9	0.05	1.43	25.2	37.4	0.43	941	0.44	0.16	1.7	32.6
29294 Dup		3.74	22.16	0.91	2.6	0.05	1.37	21.2	39.5	0.42	963	0.44	0.15	1.7	32.1
QCV1111-00135-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					3.6	1.22		44.7	23.9			0.83		13.7	43.4
29312	Core	2.21	10.75	0.68	1.3	0.02	0.89	16.4	24.7	0.07	29	0.55	0.07	1.0	4.5
29312 Dup		2.20	10.85	0.77	1.2	0.02	0.80	13.1	25.2	0.06	28	0.56	0.06	0.9	4.6
QCV1111-00135-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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11-360-08091-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29276	Core	94	23.9	43.8	<0.002	0.463	4.09	3.6	6.4	2.0	13.4	0.09	0.32	8.6	0.022
29276 Dup		100	22.4	44.6	<0.002	0.482	4.09	3.9	6.5	2.1	13.4	0.08	0.33	9.5	0.028
QCV1111-00135-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected						0.310	1.16			10.6					
STD-OREAS92-4A result		724		196.0	0.006	0.281	1.15	12.6		10.5	34.9	0.97	0.33	17.7	0.331
29294	Core	222	17.0	89.9	0.003	0.038	0.78	10.1	4.3	1.4	39.7	0.17	0.34	14.4	0.059
29294 Dup		205	16.8	91.6	<0.002	0.038	0.69	10.0	4.9	1.4	40.1	0.14	0.35	14.8	0.052
QCV1111-00135-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			28.3	216.7	0.005	1.367	2.34	14.0		21.6	33.5	0.98	0.34	19.5	
29312	Core	394	20.9	56.1	<0.002	0.071	2.64	3.8	12.6	1.7	49.7	0.07	0.28	5.3	0.029
29312 Dup		387	18.2	56.6	<0.002	0.070	2.71	3.7	11.6	1.6	47.6	0.07	0.33	5.0	0.026
QCV1111-00135-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9993.1												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29276	Core	0.22	1.3	83	0.8	3.7	28	55.1
29276 Dup		0.25	1.4	88	1.1	4.3	29	62.3
QCV1111-00135-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.96	3.2		2.4	25.2	92	131.1
29294	Core	0.48	2.7	133	0.8	8.5	92	101.8
29294 Dup		0.46	2.5	135	0.8	8.2	92	101.9
QCV1111-00135-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.95	3.0			26.5	177	126.1
29312	Core	0.32	1.2	94	1.0	3.3	19	43.3
29312 Dup		0.33	1.1	96	1.1	2.9	18	45.3
QCV1111-00135-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4811	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 67**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 12/02/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	36	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31210	Core	<0.005	0.15	>10	10.3	737	2.44	0.45	0.23	0.03	151.78	14.9	94	7.40	48.2
31211	Core	0.007	0.04	>10	11.6	858	3.28	0.36	0.17	0.08	71.69	14.0	93	8.02	45.7
31212	Core	0.128	0.26	>10	45.0	784	3.24	0.57	0.79	0.28	65.36	40.8	155	10.28	48.7
31213	Core	0.010	0.09	>10	38.7	889	3.05	0.60	0.31	0.15	72.04	26.8	84	9.11	55.2
31214	Core	<0.005	0.06	>10	28.6	792	2.90	0.60	0.42	0.10	43.79	21.4	79	8.67	48.9
31215	Core	<0.005	0.02	>10	28.1	828	3.27	0.58	0.35	0.15	59.73	21.6	91	9.83	53.9
31216	Core	<0.005	0.03	>10	32.0	839	3.36	0.67	0.51	0.11	57.37	21.8	107	10.60	54.2
31217	Core	<0.005	0.03	>10	32.6	822	3.32	0.58	0.65	0.12	64.80	21.2	146	10.18	42.4
31218	Core	0.008	<0.01	9.21	29.4	795	3.25	0.52	1.45	0.07	32.28	20.5	141	9.71	37.6
31219	Core	0.034	<0.01	9.34	35.7	749	2.96	0.53	0.89	0.09	56.94	18.7	151	9.96	57.7
31220	Core	0.016	0.05	>10	40.1	836	3.28	0.57	0.74	0.13	42.38	26.9	118	10.32	110.1
31221	Core	<0.005	0.07	8.03	9.8	511	1.81	0.28	1.12	0.06	41.06	11.7	107	5.73	29.8
31222	Core	<0.005	<0.01	>10	17.6	919	3.61	0.52	0.24	0.12	70.24	19.6	91	11.27	55.0
31223	Core	<0.005	<0.01	>10	21.4	861	3.25	0.61	0.49	0.09	51.48	24.3	97	9.47	46.4
31224	Core	<0.005	<0.01	7.14	9.2	436	1.63	0.26	1.85	0.07	53.38	11.5	124	4.57	31.0
31225	Core	<0.005	<0.01	>10	16.7	742	2.63	0.45	1.59	0.10	28.67	19.3	113	8.22	49.9
31226	Reject	<0.005	0.01	8.04	12.1	536	1.90	0.27	1.23	0.07	30.95	13.7	110	6.73	35.9
31227	Reject	<0.005	0.04	8.84	15.4	573	2.21	0.31	0.93	0.06	57.07	14.9	111	7.66	43.2
31228	Core	<0.005	0.08	0.04	<0.2	13	<0.05	0.03	>10	0.04	<0.01	1.0	4	0.18	2.6
31229	Core	0.010	0.06	>10	18.1	789	3.69	0.46	0.17	0.06	48.35	22.2	87	8.41	42.4
31230	Core	0.006	0.07	>10	15.0	826	3.91	0.44	0.15	0.07	58.41	21.5	82	8.64	47.5
31231	Core	0.006	0.02	>10	17.7	878	3.95	0.38	0.10	0.13	48.51	23.9	86	9.38	44.4
31232	Core	0.017	0.02	>10	27.6	817	3.26	0.42	0.10	0.05	74.86	21.7	90	8.01	45.8
31233	Core	0.035	0.04	>10	60.3	589	2.53	0.34	0.56	0.05	32.94	18.3	123	6.19	43.8
31234	Core	0.023	0.01	>10	64.5	766	3.61	0.37	0.18	0.06	83.76	19.7	108	7.58	40.4
31235	Core	0.092	<0.01	3.40	265.5	191	0.98	0.12	0.15	0.03	34.41	7.0	251	1.75	14.1
31236	Core	0.132	0.27	6.41	53.8	452	2.26	0.54	0.19	0.07	29.38	14.4	206	4.28	26.9
31237	Core	0.027	<0.01	6.91	39.0	481	2.12	0.28	0.19	0.07	69.38	14.0	207	4.15	31.9
31238	Core	0.087	<0.01	4.18	172.1	191	1.28	0.11	0.07	0.06	53.46	7.1	152	1.98	32.0
31239	Core	0.007	<0.01	3.19	13.0	148	0.81	0.08	0.04	<0.02	50.98	5.2	177	1.70	10.9
31240	Core	0.015	<0.01	3.15	13.4	155	0.80	0.15	0.04	0.04	49.08	7.0	164	1.54	10.2
31241	Core	0.010	0.02	3.49	24.1	171	0.93	0.10	0.05	0.06	38.08	5.0	140	1.75	13.2
31242	Core	1.381	<0.01	1.70	405.7	34	0.26	0.04	0.02	0.07	32.83	2.8	149	0.58	10.0
31243	Core	0.005	<0.01	1.90	9.5	62	0.38	0.05	0.03	0.03	36.05	3.2	164	0.96	8.1
31244	Core	<0.005	0.16	1.87	7.7	57	0.50	0.06	0.03	<0.02	52.00	3.2	159	0.95	5.7
31245	Core	<0.005	<0.01	1.62	5.9	52	0.18	0.06	0.07	<0.02	23.91	2.8	172	0.89	5.6
31246	Core	<0.005	<0.01	1.37	3.5	32	0.23	0.03	0.26	<0.02	17.28	2.0	176	0.65	5.9
31247	Core	0.042	<0.01	6.84	18.4	335	1.52	0.36	0.49	0.08	27.20	12.8	133	3.48	23.3

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Certificate of Analysis

11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31210	Core	4.66	24.90	1.64	8.7	0.07	3.25	40.2	92.5	1.26	398	0.44	0.33	5.2	38.2
31211	Core	5.04	27.41	1.67	3.7	0.08	3.51	33.1	117.5	1.37	494	0.55	0.39	3.7	46.6
31212	Core	3.82	24.02	1.47	2.6	0.07	3.38	19.3	86.8	0.88	569	2.74	0.40	2.3	52.8
31213	Core	4.50	28.21	1.44	3.0	0.08	3.47	14.3	77.8	0.98	605	1.45	0.46	2.9	48.1
31214	Core	4.31	25.41	1.19	3.0	0.07	3.24	16.8	74.1	0.96	778	1.61	0.45	3.1	43.5
31215	Core	4.27	25.60	1.43	3.0	0.08	3.35	16.5	74.5	0.81	547	2.21	0.52	3.2	48.8
31216	Core	4.49	27.27	1.43	2.9	0.07	3.57	14.4	76.3	0.97	715	2.78	0.62	2.9	49.1
31217	Core	6.85	28.41	1.49	2.9	0.07	2.08	14.7	76.7	0.84	745	1.63	0.30	3.6	49.0
31218	Core	5.69	25.68	1.37	2.7	0.07	1.93	6.5	68.5	0.90	1167	1.05	0.30	2.2	42.3
31219	Core	5.07	25.73	1.41	2.7	0.07	2.05	19.0	68.5	0.78	624	0.85	0.29	2.6	40.2
31220	Core	4.14	27.56	1.42	2.7	0.07	3.50	14.8	153.2	0.96	396	1.11	0.55	2.6	52.0
31221	Core	3.69	17.83	1.19	2.1	0.05	2.14	13.7	64.1	1.23	783	0.58	0.36	1.8	30.1
31222	Core	3.55	29.03	1.62	2.9	0.08	3.62	20.1	85.6	0.93	210	0.81	0.67	3.0	43.9
31223	Core	4.01	27.46	1.45	2.9	0.07	3.18	19.5	79.9	0.98	445	1.30	0.57	3.3	48.2
31224	Core	4.27	16.25	1.15	1.8	0.04	1.87	16.1	70.9	1.51	1574	0.90	0.30	1.5	29.1
31225	Core	5.48	22.73	1.12	2.2	0.06	3.13	8.5	48.3	0.96	1265	0.81	0.46	1.2	38.5
31226	Reject	3.05	18.22	0.93	1.6	0.05	2.23	17.3	46.5	0.91	545	0.58	0.37	1.0	32.2
31227	Reject	3.21	18.97	1.11	2.1	0.05	2.54	16.0	44.7	0.84	477	0.62	0.42	1.9	35.8
31228	Core	0.38	0.12	<0.05	<0.1	<0.01	0.02	0.7	0.9	>10	168	<0.05	<0.01	0.2	0.6
31229	Core	3.89	28.44	1.56	2.7	0.07	3.89	13.8	76.4	0.85	265	0.59	0.63	2.8	46.5
31230	Core	4.17	29.40	1.81	2.8	0.07	3.97	22.1	107.5	1.17	273	0.57	0.66	3.3	48.0
31231	Core	3.70	30.15	1.51	2.3	0.08	4.38	17.2	85.6	0.93	227	0.59	0.69	3.2	47.8
31232	Core	4.11	32.10	1.79	3.2	0.07	4.06	23.6	102.0	1.16	224	0.64	0.42	3.5	50.0
31233	Core	4.12	25.19	1.39	2.5	0.06	3.48	11.0	72.9	1.18	314	0.64	0.24	1.8	46.1
31234	Core	4.06	29.89	1.41	3.1	0.07	4.55	19.6	49.4	0.80	349	0.69	0.33	1.9	41.0
31235	Core	2.70	10.70	0.99	1.6	0.02	0.72	9.2	20.4	0.20	507	0.50	0.03	1.1	16.2
31236	Core	3.39	20.01	1.25	2.8	0.04	1.79	16.0	22.3	0.29	400	0.50	0.08	2.1	32.2
31237	Core	3.61	20.13	1.05	3.2	0.04	1.92	17.7	34.3	0.33	417	0.55	0.10	2.3	30.8
31238	Core	2.00	10.68	1.25	1.5	0.02	1.36	10.0	26.6	0.22	289	0.46	0.07	1.1	17.6
31239	Core	1.54	8.12	0.93	1.4	0.02	1.08	13.6	13.5	0.24	254	0.59	0.06	1.0	12.5
31240	Core	1.26	7.54	0.88	1.9	0.02	0.96	13.8	14.2	0.17	212	0.50	0.06	1.2	13.1
31241	Core	0.91	8.33	0.77	1.7	0.02	1.15	12.4	12.5	0.13	202	0.52	0.08	1.0	11.0
31242	Core	0.76	3.12	0.82	0.9	<0.01	0.22	7.2	22.4	0.09	167	0.47	0.03	0.4	7.3
31243	Core	0.78	4.15	0.78	1.1	<0.01	0.43	9.3	9.2	0.09	213	0.57	0.04	0.7	7.5
31244	Core	0.82	3.55	0.91	3.5	<0.01	0.39	12.0	9.5	0.11	236	0.55	0.03	1.2	7.2
31245	Core	0.76	3.42	0.85	1.5	<0.01	0.37	10.9	9.7	0.13	194	0.61	0.05	0.9	7.7
31246	Core	0.80	2.47	0.69	0.9	<0.01	0.16	9.3	24.1	0.24	180	0.55	0.58	0.5	7.2
31247	Core	2.50	14.83	1.02	2.5	0.04	2.32	12.7	64.8	0.82	373	0.77	0.87	2.2	24.4

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Certificate of Analysis

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31210	Core	747	5.8	170.0	<0.002	0.127	0.62	17.1	<1.0	2.4	116.0	0.80	<0.05	22.4	0.089
31211	Core	295	5.8	175.8	0.003	0.242	0.86	19.5	1.3	2.5	130.2	0.49	<0.05	18.0	0.110
31212	Core	142	28.0	188.9	0.004	2.280	5.96	17.0	1.4	3.0	203.9	0.24	<0.05	11.8	0.069
31213	Core	261	32.4	209.1	0.004	2.369	6.85	20.0	1.6	2.6	181.5	0.33	<0.05	12.8	0.095
31214	Core	241	37.8	196.1	0.005	2.549	4.68	18.9	4.5	2.6	172.9	0.42	<0.05	13.1	0.091
31215	Core	321	49.0	196.5	0.007	3.463	3.62	18.1	2.4	2.7	198.5	0.31	<0.05	13.1	0.097
31216	Core	841	52.3	201.0	0.007	4.693	3.49	19.4	3.4	2.6	226.5	0.27	<0.05	13.7	0.092
31217	Core	553	47.9	202.0	0.005	4.040	4.15	19.8	2.9	2.6	215.7	0.32	<0.05	13.9	0.115
31218	Core	340	33.8	190.9	<0.002	2.747	4.76	18.4	1.8	2.4	210.4	0.22	<0.05	12.4	0.067
31219	Core	317	26.7	182.6	0.002	2.516	4.77	17.6	1.5	2.4	210.5	0.25	<0.05	13.0	0.089
31220	Core	209	30.6	206.6	0.003	2.989	5.55	18.9	1.6	2.6	260.1	0.26	<0.05	13.7	0.085
31221	Core	172	10.6	118.3	<0.002	0.908	1.52	11.3	<1.0	1.6	210.8	0.18	<0.05	10.6	0.056
31222	Core	353	16.7	213.3	0.004	1.323	2.44	20.7	2.1	2.9	231.9	0.30	<0.05	14.6	0.097
31223	Core	392	28.4	197.8	<0.002	2.157	3.74	18.7	2.8	2.4	205.4	0.30	<0.05	16.1	0.095
31224	Core	112	16.2	99.8	0.003	1.206	1.38	9.8	<1.0	1.4	148.7	0.14	<0.05	11.0	0.049
31225	Core	851	32.8	171.5	<0.002	2.628	3.48	15.3	2.0	2.2	247.8	0.14	<0.05	12.5	0.061
31226	Reject	210	19.1	122.7	<0.002	1.118	2.91	11.7	1.5	2.3	343.0	0.10	<0.05	10.9	0.034
31227	Reject	182	23.4	129.0	<0.002	1.404	3.99	12.8	<1.0	2.5	332.9	0.19	<0.05	13.1	0.066
31228	Core	149	2.2	0.8	0.004	<0.01	<0.05	0.2	1.2	<0.2	38.1	0.08	<0.05	<0.2	<0.005
31229	Core	262	34.7	187.5	<0.002	1.343	4.13	20.4	1.6	2.2	208.8	0.31	<0.05	15.1	0.099
31230	Core	419	22.3	201.0	0.003	0.940	3.11	21.6	1.1	2.5	196.1	0.33	<0.05	16.5	0.107
31231	Core	279	26.0	223.5	<0.002	1.486	5.33	22.5	2.5	2.6	204.7	0.27	<0.05	13.3	0.103
31232	Core	304	14.6	213.2	0.003	0.423	2.12	22.1	2.7	2.5	122.4	0.31	<0.05	16.0	0.098
31233	Core	327	38.8	162.1	0.003	0.392	1.91	15.7	<1.0	2.2	120.7	0.17	<0.05	13.4	0.061
31234	Core	550	24.2	205.4	<0.002	0.482	1.83	19.5	<1.0	2.6	120.4	0.20	<0.05	17.4	0.076
31235	Core	292	28.4	54.4	<0.002	0.333	0.91	5.7	<1.0	1.1	17.9	0.09	<0.05	9.1	0.041
31236	Core	352	226.0	135.1	0.002	0.602	1.34	11.6	1.4	1.7	40.7	0.19	<0.05	14.0	0.076
31237	Core	281	27.7	134.1	<0.002	0.330	1.48	12.0	1.0	1.9	53.6	0.22	<0.05	16.2	0.082
31238	Core	109	27.6	54.5	<0.002	0.562	1.20	5.9	<1.0	1.5	25.8	0.09	<0.05	8.2	0.032
31239	Core	86	17.1	43.9	0.003	0.117	0.75	5.3	<1.0	0.8	25.8	0.09	<0.05	9.3	0.030
31240	Core	71	8.6	41.0	<0.002	0.165	1.17	4.1	<1.0	0.9	18.0	0.10	<0.05	11.2	0.031
31241	Core	132	10.2	46.8	0.002	0.116	0.68	3.9	1.1	1.0	20.6	0.10	<0.05	11.7	0.028
31242	Core	24	8.8	9.4	<0.002	0.193	0.67	1.6	<1.0	0.7	17.0	<0.05	<0.05	6.3	0.010
31243	Core	55	6.9	18.1	0.002	0.064	0.56	2.2	1.3	0.6	9.2	0.05	<0.05	7.5	0.015
31244	Core	81	5.4	16.2	<0.002	0.080	0.80	2.1	2.1	0.6	7.1	0.13	<0.05	8.3	0.018
31245	Core	88	4.6	15.3	<0.002	0.053	0.53	1.8	<1.0	0.6	10.5	0.10	<0.05	7.2	0.018
31246	Core	51	3.6	6.7	0.002	0.032	0.37	1.4	1.9	0.6	31.4	<0.05	<0.05	6.8	0.011
31247	Core	95	10.4	87.1	0.002	0.473	2.99	8.6	1.0	1.4	80.1	0.25	<0.05	13.7	0.053

3Ace Property, Northern Tiger Resources Inc.
Vol 9-249
Buchanan et al., 2011

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Certificate of Analysis

11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31210	Core	1.05	4.8	152	0.8	7.8	123	88.1
31211	Core	1.05	4.5	161	1.4	8.2	148	94.9
31212	Core	1.05	3.4	131	2.2	5.9	89	76.0
31213	Core	1.19	4.1	146	1.3	6.1	125	89.9
31214	Core	1.08	4.1	133	1.1	6.0	117	85.0
31215	Core	1.13	4.1	131	1.4	6.0	112	89.1
31216	Core	1.12	4.4	145	1.5	6.6	170	90.8
31217	Core	1.05	4.2	183	1.4	5.9	150	92.1
31218	Core	1.00	3.6	162	1.4	5.8	123	81.9
31219	Core	0.97	3.6	148	2.4	6.0	125	82.9
31220	Core	1.12	4.1	138	2.2	6.6	117	88.5
31221	Core	0.64	2.6	105	0.9	5.5	87	65.7
31222	Core	1.14	4.1	145	1.6	6.0	116	87.3
31223	Core	1.09	4.2	136	1.5	6.5	106	86.9
31224	Core	0.53	2.2	104	0.8	5.3	101	54.4
31225	Core	1.00	3.7	145	1.5	6.0	120	66.1
31226	Reject	0.64	2.3	94	1.6	5.0	72	52.6
31227	Reject	0.77	3.0	100	2.2	5.0	70	60.6
31228	Core	<0.02	0.4	320	0.1	0.7	16	<0.5
31229	Core	1.14	4.5	137	1.8	5.7	102	77.0
31230	Core	1.03	4.6	147	1.3	6.4	113	85.0
31231	Core	1.10	3.5	143	0.6	5.7	106	82.0
31232	Core	1.06	4.7	148	2.0	7.9	120	108.3
31233	Core	0.93	3.6	126	3.3	6.5	101	83.6
31234	Core	1.09	4.1	144	2.6	7.6	116	100.6
31235	Core	0.29	1.7	56	2.5	4.2	48	57.7
31236	Core	0.75	3.1	100	4.1	6.5	80	89.4
31237	Core	0.70	3.1	104	3.3	7.4	88	105.7
31238	Core	0.32	1.5	44	2.4	3.6	44	48.5
31239	Core	0.24	1.5	38	1.7	3.8	36	50.2
31240	Core	0.24	1.8	32	1.6	4.1	32	58.4
31241	Core	0.27	1.6	32	1.4	4.2	33	55.9
31242	Core	0.06	0.8	14	0.9	1.9	23	28.2
31243	Core	0.09	1.0	17	1.0	2.7	18	40.4
31244	Core	0.09	1.1	17	1.1	2.9	17	39.9
31245	Core	0.09	1.0	16	0.8	2.5	16	35.9
31246	Core	0.03	0.9	15	0.3	2.6	19	29.0
31247	Core	0.52	2.2	74	0.8	5.2	64	70.7

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11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31210	Core		0.15	>10	10.3	737	2.44	0.45	0.23	0.03	151.78	14.9	94	7.40	48.2
31210 Dup			0.13	>10	10.4	750	2.69	0.37	0.24	0.02	117.33	16.1	98	7.63	47.5
QCV1111-01478-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.51	4.79	7292.1	235						11.6			27.1
31228	Core		0.08	0.04	<0.2	13	<0.05	0.03	>10	0.04	<0.01	1.0	4	0.18	2.6
31228 Dup			0.06	0.05	<0.2	13	<0.05	0.02	>10	0.05	<0.01	0.9	5	0.17	2.6
QCV1111-01478-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.03												5876.1
31246	Core		<0.01	1.37	3.5	32	0.23	0.03	0.26	<0.02	17.28	2.0	176	0.65	5.9
31246 Dup			<0.01	1.35	3.8	31	0.29	0.03	0.25	0.02	34.21	1.8	171	0.64	4.9
QCV1111-01478-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.07	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.55		9.1	394	2.67	8.10		0.23		21.4		6.47	>10000
31210	Core	<0.005													
31210 Dup		<0.005													
31228	Core	<0.005													
31228 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.933													
QCV1111-01480-0004-BLK		<0.005													
31246	Core	<0.005													
31246 Dup		<0.005													
QCV1111-01480-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.917													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31210	Core	4.66	24.90	1.64	8.7	0.07	3.25	40.2	92.5	1.26	398	0.44	0.33	5.2	38.2
31210 Dup		4.71	25.61	1.62	3.8	0.07	3.08	31.7	99.9	1.26	403	0.42	0.33	3.8	40.2
QCV1111-01478-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76					48.7
STD-DS-1 result										2.77					51.0
31228	Core	0.38	0.12	<0.05	<0.1	<0.01	0.02	0.7	0.9	>10	168	<0.05	<0.01	0.2	0.6
31228 Dup		0.39	0.17	<0.05	<0.1	<0.01	0.02	0.6	0.9	>10	170	0.05	<0.01	0.2	0.2
QCV1111-01478-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31246	Core	0.80	2.47	0.69	0.9	<0.01	0.16	9.3	24.1	0.24	180	0.55	0.58	0.5	7.2
31246 Dup		0.77	2.41	0.66	0.9	<0.01	0.16	8.7	21.7	0.24	174	0.72	0.59	0.5	6.7
QCV1111-01478-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.12		3.7	1.09		39.3	25.4					13.5	39.8

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11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31210	Core	747	5.8	170.0	<0.002	0.127	0.62	17.1	<1.0	2.4	116.0	0.80	<0.05	22.4	0.089
31210 Dup		689	5.3	177.5	0.003	0.134	0.62	18.7	<1.0	2.4	117.6	0.47	<0.05	17.0	0.103
QCV1111-01478-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		311	13.6												
31228	Core	149	2.2	0.8	0.004	<0.01	<0.05	0.2	1.2	<0.2	38.1	0.08	<0.05	<0.2	<0.005
31228 Dup		140	2.3	0.8	0.004	<0.01	<0.05	0.2	1.8	<0.2	38.3	0.08	<0.05	<0.2	<0.005
QCV1111-01478-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9499.2												
31246	Core	51	3.6	6.7	0.002	0.032	0.37	1.4	1.9	0.6	31.4	<0.05	<0.05	6.8	0.011
31246 Dup		54	3.8	6.4	0.003	0.032	0.36	1.3	<1.0	0.5	29.9	<0.05	<0.05	6.3	0.010
QCV1111-01478-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			27.5	186.6	0.003	1.271	2.26	13.1	14.1	20.9	33.4	1.08	<0.05	16.8	

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11-360-08413-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31210	Core	1.05	4.8	152	0.8	7.8	123	88.1
31210 Dup		0.92	4.2	153	0.7	8.1	123	93.6
QCV1111-01478-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.17					204	
31228	Core	<0.02	0.4	320	0.1	0.7	16	<0.5
31228 Dup		<0.02	0.5	320	0.2	0.7	16	<0.5
QCV1111-01478-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4665	
31246	Core	0.03	0.9	15	0.3	2.6	19	29.0
31246 Dup		0.03	0.9	15	0.3	2.1	18	27.4
QCV1111-01478-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.85	3.2			25.2	175	120.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
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Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 68**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32676	Core	<0.005	0.26	>10	11.9	723	2.99	0.39	0.25	0.06	89.75	20.0	109	7.96	60.9
32677	Core	<0.005	0.10	>10	13.0	710	3.36	0.45	0.13	0.05	109.77	17.0	97	7.66	60.0
32678	Core	<0.005	0.10	>10	15.4	819	4.08	0.65	0.11	0.05	101.36	18.5	102	8.64	63.5
32679	Core	<0.005	0.11	>10	13.3	725	3.31	0.53	0.12	0.07	106.15	19.0	98	7.55	64.4
32680	Core	<0.005	0.11	>10	17.7	753	3.35	0.51	0.16	0.06	86.89	17.1	92	7.77	57.1
32681	Core	<0.005	0.14	>10	17.6	650	2.51	0.41	0.27	0.09	101.41	20.1	88	6.56	51.6
32682	Core	<0.005	0.12	>10	18.8	768	3.32	0.47	0.13	0.12	102.97	20.9	91	8.21	56.5
32683	Core	<0.005	0.12	>10	19.9	804	4.21	0.44	0.08	0.07	104.31	19.9	97	8.81	56.4
32684	Core	<0.005	0.34	>10	15.1	786	3.58	0.41	0.14	0.07	104.71	18.3	88	8.30	55.9
32685	Core	<0.005	0.20	>10	23.9	809	3.26	0.69	0.21	0.08	125.56	18.6	88	8.71	60.6
32686	Core	<0.005	0.13	>10	13.5	748	3.30	0.47	0.13	0.08	95.00	19.0	84	7.75	54.2
32687	Core	<0.005	0.17	>10	10.8	800	3.70	0.45	0.25	0.07	72.48	20.3	137	8.16	55.6
32688	Core	<0.005	0.11	>10	10.7	794	3.73	0.39	0.54	0.11	82.17	19.5	135	8.07	51.5
32689	Core	<0.005	0.12	>10	12.2	824	3.78	0.43	0.23	0.03	111.05	20.5	125	8.14	52.8
32690	Core	<0.005	0.14	>10	13.4	860	3.80	0.52	0.14	0.06	110.10	20.0	118	8.58	53.7
32691	Core	<0.005	0.17	>10	14.0	864	3.72	0.46	0.28	0.08	108.22	21.5	80	8.59	60.5
32692	Core	<0.005	0.14	>10	13.4	871	3.46	0.49	0.13	0.07	118.34	20.4	72	8.35	55.0
32693	Core	<0.005	0.39	>10	12.3	772	2.70	0.41	0.43	0.20	100.10	22.2	64	7.19	52.7
32694	Core	<0.005	0.19	>10	14.0	914	3.61	0.44	0.09	0.09	113.02	19.7	73	8.37	56.4
32695	Core	<0.005	0.17	>10	13.2	847	3.18	0.38	0.07	0.34	59.00	21.0	88	8.17	47.6
32696	Core	<0.005	0.14	>10	11.9	948	3.69	0.48	0.09	0.06	117.33	22.2	72	8.11	61.6
32697	Core	<0.005	0.14	>10	16.6	896	3.70	0.41	0.06	0.09	127.73	18.0	77	8.39	54.2
32698	Core	<0.005	0.13	>10	16.6	863	3.39	0.42	0.11	0.07	120.89	19.3	72	8.21	51.5
32699	Core	<0.005	0.15	>10	13.1	870	3.80	0.44	0.12	0.08	111.28	20.9	69	8.14	54.1
32700	Core	<0.005	0.08	1.96	5.2	52	0.21	0.09	1.43	0.07	19.24	5.6	112	0.95	12.3
32701	Core	<0.005	0.16	>10	19.8	1005	4.08	0.46	0.08	0.09	107.55	21.7	73	8.95	66.2
32702	Core	<0.005	0.18	>10	18.3	899	3.95	0.48	0.12	0.11	96.46	22.5	71	8.50	59.9
32703	Core	<0.005	0.30	>10	15.2	877	3.71	0.45	0.09	0.10	79.82	18.9	66	8.47	50.4
32704	Core	<0.005	0.18	>10	17.5	861	3.32	0.43	0.14	0.13	98.79	18.9	66	7.96	51.7
32705	Core	<0.005	0.16	>10	14.4	841	3.54	0.43	0.12	0.08	106.15	19.1	65	8.15	58.8
32706	Reject	<0.005	0.14	>10	19.3	786	3.24	0.50	0.14	0.07	57.40	20.4	66	8.00	63.3
32707	Reject	<0.005	0.15	>10	18.7	810	4.01	0.43	0.16	0.10	104.32	20.9	66	8.21	59.3
32708	Core	<0.005	0.30	0.09	3.0	27	0.06	0.03	>10	0.04	1.38	1.3	4	0.31	5.9
32709	Core	<0.005	0.16	>10	20.2	673	2.76	0.36	0.18	0.11	80.02	17.2	83	7.00	53.3
32710	Core	<0.005	0.44	>10	40.7	822	3.70	0.42	0.10	0.25	51.10	19.7	62	8.42	59.6
32711	Core	0.008	0.34	>10	83.0	955	4.50	0.52	0.09	0.35	55.49	20.8	66	10.07	62.1
32712	Core	0.275	0.22	2.48	1129.6	114	0.69	0.07	1.26	1.52	30.68	5.6	137	1.85	22.4
32713	Core	0.259	0.18	2.55	1090.5	77	0.51	0.05	0.07	2.68	15.84	4.8	101	1.68	18.9
32714	Core	0.114	0.15	8.50	300.5	518	2.48	0.24	0.09	0.55	19.87	12.1	94	6.86	42.0
32715	Core	0.313	0.39	2.54	1428.3	104	0.70	0.19	0.49	5.57	31.29	6.2	98	2.36	25.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32716	Core	0.304	0.22	2.45	1464.5	93	0.62	0.07	0.18	2.40	21.23	6.0	115	1.83	17.9
32717	Core	0.167	0.11	2.30	1373.6	71	0.67	0.06	0.10	1.99	20.30	4.8	106	1.52	13.3
32718	Core	0.747	0.21	3.16	4518.0	139	0.93	0.13	0.09	2.25	21.53	7.0	118	2.73	23.6
32719	Core	0.294	0.38	5.63	1237.1	334	1.73	0.22	0.45	3.18	21.71	7.0	113	5.87	26.0

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32676	Core	5.55	28.24	1.63	3.4	0.07	2.54	47.7	132.7	1.32	766	0.48	0.78	2.6	51.0
32677	Core	5.34	27.93	1.64	3.7	0.08	2.59	57.1	129.1	1.32	489	0.51	0.85	2.7	47.7
32678	Core	5.60	31.68	1.71	4.1	0.09	2.87	55.5	144.2	1.42	466	0.40	0.96	2.6	54.7
32679	Core	5.50	29.03	1.61	3.8	0.08	2.70	56.3	136.9	1.42	489	0.36	0.91	2.8	54.2
32680	Core	5.33	29.56	1.69	3.5	0.08	2.66	46.5	136.2	1.33	491	0.33	0.83	2.2	51.8
32681	Core	5.49	25.77	1.61	3.2	0.08	2.40	53.2	131.3	1.45	663	0.33	0.68	2.6	50.0
32682	Core	5.08	30.00	1.60	3.5	0.08	2.92	54.9	135.9	1.35	476	0.27	0.97	3.3	53.2
32683	Core	4.89	31.68	1.63	3.1	0.08	3.01	54.6	132.7	1.26	420	0.32	1.01	3.5	54.0
32684	Core	5.14	30.12	1.75	3.2	0.08	2.78	55.9	138.5	1.34	441	0.39	0.91	2.8	52.0
32685	Core	5.26	30.84	1.73	3.4	0.08	3.03	67.0	141.6	1.40	489	0.40	0.93	3.7	53.1
32686	Core	4.97	28.50	1.54	3.4	0.07	2.84	49.3	127.9	1.28	446	0.40	0.80	3.3	49.7
32687	Core	7.14	28.12	1.58	3.1	0.07	1.87	38.7	131.2	1.20	721	0.47	0.42	2.1	48.9
32688	Core	7.24	27.81	1.46	3.1	0.07	1.91	43.8	130.5	1.21	1376	0.40	0.42	2.3	51.9
32689	Core	6.36	28.84	1.54	3.2	0.08	2.14	57.0	124.9	1.15	652	0.41	0.45	3.3	50.5
32690	Core	6.19	29.39	1.58	3.7	0.08	2.36	56.7	126.4	1.22	563	0.37	0.49	4.0	51.9
32691	Core	4.64	29.75	1.46	3.4	0.08	3.41	55.1	121.5	1.34	793	0.41	0.80	3.7	53.3
32692	Core	4.49	29.03	1.65	3.6	0.07	3.35	61.3	118.5	1.32	498	0.41	0.78	4.1	51.6
32693	Core	4.79	25.80	1.49	3.7	0.08	3.27	52.8	115.2	1.46	1517	0.35	0.70	3.3	52.5
32694	Core	4.18	28.76	1.61	3.4	0.07	3.81	58.8	117.0	1.29	411	0.36	0.82	3.8	52.1
32695	Core	4.51	27.82	1.22	3.2	0.08	3.71	30.3	107.6	1.16	969	0.37	0.77	1.8	48.9
32696	Core	4.00	28.96	1.34	3.8	0.08	3.65	62.0	116.6	1.19	420	0.40	0.76	3.4	52.8
32697	Core	3.77	28.73	1.61	3.9	0.07	3.78	65.6	105.3	1.10	380	0.50	0.65	3.5	50.5
32698	Core	3.97	28.01	1.58	4.2	0.07	3.77	61.7	105.8	1.23	369	0.32	0.59	4.2	50.7
32699	Core	4.12	27.51	1.65	3.7	0.07	4.00	58.9	112.2	1.37	408	0.38	0.65	4.2	50.6
32700	Core	1.57	3.68	0.86	0.8	<0.01	0.23	9.0	89.9	0.40	795	0.53	0.45	0.5	10.8
32701	Core	3.67	30.94	1.60	4.0	0.08	4.21	54.3	97.9	1.21	319	0.44	0.73	4.3	53.3
32702	Core	4.03	29.17	1.61	3.8	0.08	4.36	50.7	105.7	1.33	416	0.43	0.63	4.2	53.5
32703	Core	3.72	27.89	1.50	5.1	0.08	4.37	42.1	93.0	1.20	345	0.42	0.62	4.1	48.9
32704	Core	3.72	27.48	1.56	4.0	0.07	4.52	51.2	87.8	1.27	358	0.43	0.61	3.8	49.8
32705	Core	3.59	27.16	1.44	4.1	0.08	4.62	54.9	82.7	1.23	311	0.37	0.61	3.8	48.1
32706	Reject	3.69	26.28	1.39	4.0	0.08	4.48	29.8	80.9	1.26	326	0.37	0.56	3.3	49.8
32707	Reject	3.63	27.29	1.57	3.7	0.07	4.65	53.4	85.0	1.29	325	0.40	0.59	3.3	50.4
32708	Core	0.31	0.31	<0.05	<0.1	<0.01	0.04	0.7	<0.2	>10	134	0.07	0.01	0.4	1.9
32709	Core	3.34	21.69	1.52	3.2	0.06	3.81	41.1	95.7	1.14	318	0.40	0.61	2.8	43.5
32710	Core	3.42	27.51	1.27	3.4	0.08	5.48	25.5	66.7	1.25	313	0.38	0.56	1.7	48.8
32711	Core	3.37	31.15	1.33	3.7	0.09	6.85	28.6	67.9	1.21	283	0.45	0.56	2.3	53.1
32712	Core	1.55	5.70	0.94	<0.1	0.04	0.70	14.2	20.2	0.33	956	0.44	0.47	0.4	11.4
32713	Core	0.96	4.18	1.08	0.8	0.02	0.67	7.2	25.3	0.09	143	0.51	0.26	0.4	10.0
32714	Core	1.93	17.59	1.14	2.1	0.05	3.53	10.2	47.3	0.54	271	0.46	0.48	1.2	30.9
32715	Core	1.20	5.50	1.07	<0.1	0.09	0.99	14.3	19.2	0.36	496	0.38	0.34	0.5	13.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32716	Core	0.92	5.59	1.19	<0.1	0.03	0.84	9.5	7.9	0.15	418	0.42	0.05	0.5	11.7
32717	Core	0.79	4.53	1.26	1.0	0.02	0.61	9.6	23.2	0.12	280	0.38	0.07	0.4	12.3
32718	Core	1.13	8.25	1.46	1.3	0.02	1.17	10.1	18.6	0.14	202	0.49	0.07	0.5	15.4
32719	Core	1.63	13.10	1.31	2.2	0.07	2.54	10.5	86.2	0.49	338	0.38	0.13	0.9	16.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32676	Core	658	23.8	151.2	0.002	0.034	0.74	21.2	1.9	2.5	195.4	0.25	<0.05	16.4	0.085
32677	Core	575	15.6	152.5	<0.002	0.035	0.79	21.2	2.4	2.3	196.5	0.22	<0.05	17.0	0.087
32678	Core	474	12.6	174.6	0.004	0.038	1.07	23.8	2.3	2.6	217.9	0.25	<0.05	19.1	0.083
32679	Core	588	22.1	155.6	0.002	0.047	0.94	21.0	2.5	2.5	196.4	0.26	<0.05	17.8	0.089
32680	Core	745	18.2	161.4	<0.002	0.016	1.08	21.8	2.3	2.3	195.5	0.21	<0.05	16.3	0.074
32681	Core	1197	15.0	138.5	<0.002	0.044	0.88	20.0	1.5	2.1	151.0	0.19	<0.05	15.3	0.086
32682	Core	424	25.0	164.4	0.002	0.086	0.82	22.4	2.4	2.6	211.4	0.28	<0.05	16.8	0.099
32683	Core	353	21.4	168.2	<0.002	0.083	0.69	22.4	2.6	2.7	216.2	0.27	<0.05	14.5	0.109
32684	Core	676	19.4	166.7	<0.002	0.045	0.57	21.6	1.8	2.5	202.7	0.22	<0.05	16.2	0.090
32685	Core	1192	35.3	177.8	<0.002	0.045	0.93	23.0	3.1	2.7	201.8	0.30	<0.05	17.6	0.109
32686	Core	634	19.6	161.7	0.003	0.049	0.71	21.1	1.9	2.4	175.3	0.27	<0.05	15.5	0.103
32687	Core	895	24.3	168.4	<0.002	0.078	0.74	20.5	2.9	2.5	169.9	0.20	<0.05	13.9	0.080
32688	Core	1125	22.3	165.2	<0.002	0.025	0.64	20.7	<1.0	2.4	170.0	0.19	<0.05	14.4	0.088
32689	Core	912	19.9	171.3	<0.002	0.050	0.55	21.3	1.9	2.5	166.2	0.27	<0.05	15.8	0.117
32690	Core	651	22.5	176.6	<0.002	0.046	0.67	21.8	2.8	2.6	168.0	0.33	<0.05	16.5	0.133
32691	Core	618	25.3	178.2	<0.002	0.071	0.78	22.7	2.2	2.7	166.6	0.29	<0.05	15.8	0.106
32692	Core	350	26.3	178.6	0.003	0.065	0.83	22.9	1.9	2.6	157.8	0.28	<0.05	16.6	0.115
32693	Core	343	30.6	158.0	<0.002	0.069	0.75	21.5	1.5	2.2	134.2	0.28	<0.05	15.7	0.094
32694	Core	461	22.3	181.1	0.004	0.071	0.76	21.9	2.7	2.6	153.1	0.27	<0.05	15.8	0.106
32695	Core	379	21.7	177.1	0.002	0.043	1.17	22.8	2.4	2.4	150.7	0.16	<0.05	12.5	0.060
32696	Core	493	23.9	182.1	0.002	0.060	0.84	25.0	2.2	2.5	137.4	0.32	<0.05	18.3	0.097
32697	Core	312	26.1	184.0	0.004	0.015	0.72	22.9	1.5	2.6	123.2	0.27	<0.05	17.1	0.100
32698	Core	434	19.8	185.6	0.003	0.030	0.81	22.3	2.7	2.6	116.5	0.34	<0.05	17.5	0.114
32699	Core	396	29.5	177.1	0.004	0.054	0.89	22.0	3.0	2.5	117.1	0.27	<0.05	16.5	0.109
32700	Core	57	18.9	11.1	<0.002	0.025	0.26	2.9	2.1	0.8	90.8	<0.05	<0.05	3.3	0.013
32701	Core	403	26.6	180.7	0.003	0.113	0.95	25.8	2.0	3.4	120.0	0.35	<0.05	16.8	0.117
32702	Core	478	22.7	196.3	0.006	0.071	1.06	23.4	2.6	2.7	111.2	0.32	<0.05	16.0	0.111
32703	Core	345	16.0	198.0	0.005	0.045	0.93	22.3	2.8	2.8	106.4	0.50	<0.05	16.0	0.081
32704	Core	520	22.3	187.1	<0.002	0.068	0.89	21.0	3.0	2.6	103.6	0.38	<0.05	16.9	0.097
32705	Core	375	22.5	187.2	0.003	0.072	1.04	21.5	3.3	2.7	101.9	0.36	<0.05	16.8	0.102
32706	Reject	395	25.3	182.4	0.003	0.098	1.64	21.3	2.8	2.7	93.9	0.33	<0.05	15.4	0.089
32707	Reject	383	28.2	184.8	0.003	0.094	1.18	22.0	3.2	2.8	94.7	0.27	<0.05	16.2	0.085
32708	Core	122	2.1	1.5	0.002	<0.01	<0.05	0.4	2.6	0.2	39.5	0.15	<0.05	<0.2	<0.005
32709	Core	292	25.7	142.7	0.004	0.061	1.11	17.6	2.0	2.3	83.0	0.24	<0.05	16.0	0.073
32710	Core	424	19.9	197.7	<0.002	0.038	1.57	21.6	1.1	2.7	81.4	0.16	<0.05	14.2	0.058
32711	Core	462	26.5	238.7	0.002	0.185	2.70	24.0	3.1	3.2	76.4	0.20	<0.05	17.0	0.073
32712	Core	328	73.5	38.3	0.009	0.773	2.76	2.9	2.2	2.5	67.7	<0.05	<0.05	5.9	0.013
32713	Core	180	31.7	23.7	<0.002	0.099	2.54	1.8	2.8	1.7	17.3	<0.05	<0.05	5.0	0.008
32714	Core	220	13.9	129.4	<0.002	0.366	2.53	11.9	3.0	2.1	44.1	0.10	<0.05	10.2	0.037
32715	Core	68	217.4	37.6	0.013	0.581	2.96	3.1	3.7	3.7	48.2	0.05	<0.05	7.1	0.017

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Certificate of Analysis

11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32716	Core	151	73.2	33.1	0.011	0.356	2.83	2.6	2.8	1.7	23.2	<0.05	<0.05	6.1	0.012
32717	Core	17	76.9	23.7	<0.002	0.269	2.41	1.9	2.8	1.2	13.9	<0.05	<0.05	5.3	0.009
32718	Core	56	27.3	44.7	<0.002	0.448	5.93	3.4	3.7	2.3	15.8	<0.05	<0.05	6.4	0.015
32719	Core	71	91.7	102.3	<0.002	1.267	2.50	7.7	2.9	2.7	61.0	0.08	<0.05	10.1	0.031

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Certificate of Analysis

11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32676	Core	0.89	4.4	164	0.4	8.8	121	101.1
32677	Core	0.86	4.8	162	0.6	8.4	105	101.2
32678	Core	1.02	5.3	175	0.4	8.6	114	105.7
32679	Core	0.92	4.7	163	0.4	8.4	113	96.0
32680	Core	0.91	5.2	162	0.3	8.7	113	96.7
32681	Core	0.73	4.2	149	0.4	10.5	128	99.1
32682	Core	1.00	4.7	162	0.5	8.0	127	96.6
32683	Core	1.00	4.2	164	0.4	6.7	122	93.8
32684	Core	0.97	4.4	160	0.4	8.0	119	92.1
32685	Core	0.97	4.5	162	0.6	10.3	122	102.4
32686	Core	0.97	4.6	153	0.6	8.0	112	94.3
32687	Core	0.91	4.3	190	0.2	7.9	120	92.8
32688	Core	0.94	3.8	188	0.3	8.9	129	98.0
32689	Core	1.03	4.2	179	0.5	8.8	116	95.8
32690	Core	1.11	4.7	179	0.5	8.4	119	101.1
32691	Core	1.05	4.6	147	0.5	9.2	126	104.9
32692	Core	1.01	4.4	145	0.5	9.2	120	110.4
32693	Core	0.94	4.5	135	0.5	9.1	134	104.7
32694	Core	1.03	4.5	140	0.6	9.4	116	107.4
32695	Core	1.03	4.7	138	0.4	10.0	164	93.9
32696	Core	1.08	5.1	133	0.6	12.1	132	107.7
32697	Core	1.19	4.6	131	0.6	9.2	122	106.6
32698	Core	1.11	4.4	131	0.5	10.4	113	115.2
32699	Core	1.07	4.1	135	0.4	9.7	116	110.2
32700	Core	0.07	0.7	23	0.1	4.7	33	24.1
32701	Core	1.18	4.3	137	0.5	10.6	118	121.8
32702	Core	1.16	4.4	135	0.5	9.8	131	116.2
32703	Core	1.17	4.5	130	0.5	8.4	113	103.3
32704	Core	1.20	4.4	126	0.5	9.7	115	110.4
32705	Core	1.06	4.6	125	0.4	9.8	112	112.1
32706	Reject	1.19	4.8	121	0.4	9.2	115	112.9
32707	Reject	1.04	4.4	120	0.3	10.2	121	113.7
32708	Core	<0.02	0.5	279	0.1	0.8	14	0.6
32709	Core	0.85	4.2	102	0.3	8.0	105	93.2
32710	Core	1.07	4.1	122	0.3	8.5	127	100.5
32711	Core	1.39	4.7	131	0.9	9.3	140	117.4
32712	Core	0.21	1.1	28	217.1	4.2	120	33.2
32713	Core	0.14	1.8	13	25.0	3.1	140	28.8
32714	Core	0.71	2.6	69	2.8	4.9	83	70.4
32715	Core	0.24	1.4	23	565.6	3.7	375	35.4

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Certificate of Analysis

11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32716	Core	0.22	1.5	18	336.3	3.6	166	34.3
32717	Core	0.14	1.3	15	5.2	2.6	143	31.0
32718	Core	0.27	1.5	24	2.9	3.5	121	39.8
32719	Core	0.65	1.9	52	5.6	4.5	360	62.8

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Certificate of Analysis

11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32676	Core		0.26	>10	11.9	723	2.99	0.39	0.25	0.06	89.75	20.0	109	7.96	60.9
32676 Dup			0.16	>10	10.4	701	2.94	0.42	0.26	0.08	120.50	19.1	105	7.76	58.8
QCV1111-01538-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.05												5865.8
32694	Core		0.19	>10	14.0	914	3.61	0.44	0.09	0.09	113.02	19.7	73	8.37	56.4
32694 Dup			0.14	>10	12.6	867	3.28	0.45	0.09	0.10	88.05	19.1	76	8.19	52.5
QCV1111-01538-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			95.05												5994.2
32712	Core		0.22	2.48	1129.6	114	0.69	0.07	1.26	1.52	30.68	5.6	137	1.85	22.4
32712 Dup			0.24	2.77	985.7	118	0.69	0.08	0.75	1.58	28.43	5.7	104	1.80	22.8
QCV1111-01538-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.75	8.97	8.3	498	3.14	2.55		0.04	97.32	17.1		7.20	2363.1
32676	Core	<0.005													
32676 Dup		<0.005													
32694	Core	<0.005													
32694 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.764													
QCV1111-01539-0004-BLK		<0.005													
32712	Core	0.275													
32712 Dup		0.266													
QCV1111-01539-0006-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32676	Core	5.55	28.24	1.63	3.4	0.07	2.54	47.7	132.7	1.32	766	0.48	0.78	2.6	51.0
32676 Dup		5.62	27.55	1.52	3.6	0.08	2.46	63.5	126.2	1.30	780	0.45	0.75	3.1	49.3
QCV1111-01538-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
32694	Core	4.18	28.76	1.61	3.4	0.07	3.81	58.8	117.0	1.29	411	0.36	0.82	3.8	52.1
32694 Dup		4.16	28.19	1.55	3.5	0.07	3.73	46.7	112.1	1.26	410	0.39	0.79	2.7	49.7
QCV1111-01538-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
32712	Core	1.55	5.70	0.94	<0.1	0.04	0.70	14.2	20.2	0.33	956	0.44	0.47	0.4	11.4
32712 Dup		1.16	5.66	0.97	<0.1	0.04	1.04	12.9	20.1	0.35	686	0.45	0.77	0.5	11.0
QCV1111-01538-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result			19.27		3.9	0.33		48.5	28.4	1.67		0.35		14.4	39.8

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11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32676	Core	658	23.8	151.2	0.002	0.034	0.74	21.2	1.9	2.5	195.4	0.25	<0.05	16.4	0.085
32676 Dup		675	21.8	150.3	0.003	0.032	0.63	20.8	1.6	2.3	195.8	0.26	<0.05	17.7	0.105
QCV1111-01538-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9567.7												
32694	Core	461	22.3	181.1	0.004	0.071	0.76	21.9	2.7	2.6	153.1	0.27	<0.05	15.8	0.106
32694 Dup		451	20.8	179.1	0.004	0.069	0.80	21.6	3.0	2.5	151.9	0.22	<0.05	14.6	0.083
QCV1111-01538-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9973.1												
32712	Core	328	73.5	38.3	0.009	0.773	2.76	2.9	2.2	2.5	67.7	<0.05	<0.05	5.9	0.013
32712 Dup		222	77.1	37.6	0.006	0.725	2.75	2.9	1.3	2.6	67.2	<0.05	<0.05	6.1	0.013
QCV1111-01538-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result			10.6	194.4	0.004	0.279	1.27		4.6	10.8	35.0	0.95	<0.05	16.1	

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Certificate of Analysis

11-360-08419-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32676	Core	0.89	4.4	164	0.4	8.8	121	101.1
32676 Dup		0.86	4.4	167	0.7	9.3	116	101.4
QCV1111-01538-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5088	
32694	Core	1.03	4.5	140	0.6	9.4	116	107.4
32694 Dup		1.02	4.3	140	0.5	8.6	109	100.6
QCV1111-01538-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4732	
32712	Core	0.21	1.1	28	217.1	4.2	120	33.2
32712 Dup		0.22	1.1	23	244.9	4.3	119	34.2
QCV1111-01538-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.3		2.6	26.0	87	125.2

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 69**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	31	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-08420-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31139	Core	0.240	1.00	4.57	2298.2	245	1.10	1.44	0.21	2.75	13.00	10.8	149	3.76	29.2
31140	Core	0.246	0.59	3.19	947.4	154	0.77	0.36	0.34	1.52	20.88	6.1	147	2.17	18.6
31141	Core	0.695	0.60	2.47	2608.7	101	0.64	0.75	0.10	4.15	18.26	4.3	158	1.60	15.9
31142	Core	0.146	0.38	3.43	623.8	147	0.95	0.19	0.03	1.05	20.44	3.7	150	2.16	22.5
31143	Core	0.126	0.18	3.63	490.7	167	0.74	0.10	0.02	1.24	17.47	3.5	138	2.14	12.6
31144	Core	0.049	0.14	2.81	313.3	109	0.57	0.07	0.03	1.39	22.21	2.4	143	1.55	18.9
31145	Core	0.056	0.12	2.93	81.1	114	0.52	0.08	0.03	1.55	18.95	2.8	150	1.68	14.1
31146	Core	0.098	0.35	3.32	1342.2	152	0.74	0.54	0.03	2.93	15.95	4.3	121	2.27	17.4
31147	Core	0.011	0.11	1.84	82.2	78	0.44	0.10	0.28	1.90	15.50	3.4	172	1.20	8.5
31148	Core	0.026	0.53	2.70	329.4	112	0.48	0.47	0.39	0.57	23.43	4.0	91	1.73	10.1
31149	Core	0.153	0.59	2.63	115.3	109	0.51	0.05	0.33	0.67	22.45	3.8	104	2.20	10.1
31150	Core	0.230	0.32	5.64	428.5	340	1.66	0.33	0.56	0.10	20.13	8.7	114	4.34	26.8
31151	Core	0.006	0.08	2.81	30.0	139	1.04	0.05	0.13	0.06	31.48	3.6	110	2.43	9.0
31152	Core	0.294	0.44	2.57	1517.4	98	0.74	0.87	0.14	4.00	16.58	3.3	146	1.77	13.7
31153	Core	0.145	0.13	3.11	400.0	126	0.70	0.06	0.05	0.72	22.23	3.8	166	2.10	14.6
31154	Reject	0.035	0.16	2.65	159.9	146	0.41	0.06	0.20	0.41	34.75	4.3	145	1.84	11.2
31155	Reject	0.009	0.26	2.72	93.0	111	0.57	0.06	0.20	0.43	35.65	4.0	140	1.75	12.7
31156	Core	<0.005	0.59	0.09	1.8	18	0.07	0.07	>10	0.06	1.33	1.0	6	0.23	3.2
31157	Core	0.125	0.36	2.92	451.7	128	0.68	0.24	0.34	1.40	29.56	4.5	150	2.15	11.9
31158	Core	0.023	0.53	2.99	124.9	135	0.44	0.83	0.06	1.14	17.30	3.2	155	2.11	15.3
31159	Core	0.033	0.16	2.70	131.5	116	0.46	0.06	0.05	0.72	17.41	3.3	178	1.95	9.9
31160	Core	0.007	0.19	2.70	48.6	115	0.40	0.07	0.32	0.26	30.27	3.4	183	2.11	10.7
31161	Core	0.204	0.22	2.76	876.3	111	0.59	0.06	0.49	0.41	23.98	3.5	177	1.82	12.3
31162	Core	0.030	0.37	3.21	268.8	139	0.76	0.09	0.08	1.24	24.65	4.0	177	2.80	23.6
31163	Core	0.076	0.17	2.80	342.8	116	0.44	0.08	1.09	0.12	45.90	4.3	188	3.47	10.2
31164	Core	0.088	0.22	2.85	197.9	127	0.73	0.05	0.74	0.10	30.94	3.7	177	4.29	10.7
31165	Core	0.553	0.34	2.20	3451.8	102	0.64	0.05	0.63	0.09	21.35	3.2	163	3.07	9.0
31166	Core	0.430	0.18	1.05	1822.2	49	0.40	0.03	0.16	0.14	8.81	1.4	243	1.64	6.1
31167	Core	1.206	0.39	2.92	2696.9	184	1.06	0.26	0.65	0.38	18.11	7.0	245	3.43	23.2
31168	Core	3.374	2.52	6.90	4636.3	420	2.30	3.23	0.98	4.17	33.54	14.8	198	8.62	36.5
31169	Core	1.839	0.99	3.93	2754.8	172	1.06	0.66	0.21	1.08	25.57	7.7	191	6.27	48.1
31170	Core	0.098	0.32	>10	281.9	796	3.46	0.32	0.11	0.10	17.18	15.5	137	14.76	55.4
31171	Core	0.641	0.34	8.02	555.7	551	2.34	0.28	0.50	0.24	18.83	14.3	183	11.34	56.6

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11-360-08420-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31139	Core	1.80	14.04	1.30	5.6	0.07	1.53	5.8	12.6	0.21	345	0.53	0.24	4.1	17.9
31140	Core	1.57	9.62	0.87	2.0	0.04	1.00	9.4	7.8	0.14	719	0.43	0.12	1.2	14.1
31141	Core	1.19	7.53	1.30	1.7	0.05	0.69	8.4	12.9	0.09	245	0.42	0.04	1.0	10.1
31142	Core	1.37	9.84	1.22	2.3	0.03	1.08	9.1	11.9	0.08	91	0.40	0.06	1.3	10.3
31143	Core	1.39	10.38	0.94	2.0	0.03	1.12	7.9	8.1	0.06	95	0.53	0.06	1.1	8.4
31144	Core	1.31	7.61	0.87	1.7	0.02	0.70	9.9	11.0	0.04	110	0.55	0.05	1.0	7.6
31145	Core	1.22	7.95	1.00	1.7	0.02	0.75	8.6	15.6	0.05	133	0.45	0.06	0.9	9.6
31146	Core	1.30	9.76	1.07	1.6	0.03	1.30	7.1	10.5	0.08	85	0.38	0.08	0.9	12.1
31147	Core	0.88	5.10	1.08	1.1	0.02	0.66	7.2	7.2	0.19	290	0.45	0.20	0.6	9.6
31148	Core	0.96	7.54	0.88	1.7	0.02	0.94	11.0	11.7	0.22	191	0.45	0.58	1.0	10.5
31149	Core	1.12	7.21	1.02	1.7	0.01	0.83	10.3	45.6	0.19	181	0.40	0.55	0.8	10.1
31150	Core	1.73	17.93	0.87	3.1	0.03	2.17	9.3	46.7	0.38	159	0.56	0.58	1.8	19.4
31151	Core	0.95	8.50	0.87	2.1	0.01	1.03	14.7	43.2	0.21	88	0.39	0.56	1.0	11.5
31152	Core	1.25	7.29	1.24	1.5	0.07	0.79	7.6	32.9	0.15	244	0.39	0.06	0.6	9.6
31153	Core	1.23	8.83	1.14	1.9	0.01	0.93	9.9	35.9	0.14	249	0.40	0.07	1.0	11.5
31154	Reject	1.33	7.33	0.80	1.9	0.01	0.66	15.6	13.8	0.16	302	0.37	0.08	1.1	11.3
31155	Reject	1.36	7.19	0.89	1.9	<0.01	0.68	16.9	14.4	0.16	320	0.39	0.07	1.1	10.9
31156	Core	0.46	0.44	<0.05	0.5	<0.01	0.03	0.8	1.1	>10	191	0.09	<0.01	0.8	1.0
31157	Core	1.30	8.28	1.12	1.8	0.03	0.85	13.4	15.6	0.24	272	0.42	0.08	1.0	12.5
31158	Core	1.17	8.36	0.84	1.5	0.02	0.82	7.7	17.8	0.12	224	0.36	0.06	0.8	10.8
31159	Core	1.23	7.55	0.70	1.6	0.01	0.71	8.0	36.6	0.12	264	0.48	0.05	1.0	9.9
31160	Core	1.08	7.50	0.72	1.5	0.01	0.68	13.6	44.7	0.20	226	0.43	0.33	1.1	9.9
31161	Core	1.06	8.09	0.86	1.6	0.01	0.71	11.2	19.4	0.20	234	0.50	0.36	1.0	10.5
31162	Core	0.94	8.45	0.75	2.3	0.03	0.95	11.3	20.3	0.09	263	0.46	0.05	1.3	13.6
31163	Core	1.34	7.79	0.75	2.3	0.01	0.82	19.9	35.5	0.28	288	0.49	0.24	1.2	11.5
31164	Core	1.40	7.98	0.71	2.0	0.02	0.89	13.9	63.4	0.34	316	0.44	0.10	1.0	11.3
31165	Core	1.12	8.52	1.32	1.4	0.01	0.73	9.6	64.7	0.29	296	0.51	0.06	0.8	10.3
31166	Core	0.60	4.15	1.83	0.6	<0.01	0.35	4.1	73.1	0.10	98	0.52	0.01	0.4	5.8
31167	Core	1.62	10.57	1.66	0.9	0.02	1.07	9.5	108.6	0.32	331	0.71	0.04	1.0	16.9
31168	Core	3.48	25.59	2.23	1.8	0.11	2.55	18.3	26.1	0.56	491	0.72	0.09	2.0	36.6
31169	Core	1.95	13.06	2.16	1.2	0.05	1.27	12.7	42.4	0.21	143	0.74	0.07	1.1	20.0
31170	Core	5.24	34.19	1.31	3.2	0.07	4.44	9.2	9.4	1.19	530	0.47	0.22	3.3	47.1
31171	Core	3.37	24.66	1.77	2.0	0.05	2.74	10.2	67.2	0.80	405	0.66	0.14	2.0	38.6

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11-360-08420-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31139	Core	127	96.8	88.2	<0.002	0.310	2.75	7.4	2.0	5.5	34.8	0.43	0.21	11.9	0.031
31140	Core	107	140.3	56.8	<0.002	0.270	1.94	4.0	1.5	2.8	20.6	0.13	<0.05	9.7	0.027
31141	Core	185	111.4	40.9	0.003	0.242	3.75	3.6	1.2	3.0	15.5	0.09	<0.05	8.7	0.022
31142	Core	118	67.6	55.3	<0.002	0.162	2.02	4.3	1.7	2.5	16.0	0.14	<0.05	13.0	0.032
31143	Core	122	34.0	54.3	<0.002	0.020	1.91	4.6	1.4	3.7	16.1	0.10	0.07	9.4	0.027
31144	Core	91	17.0	35.2	<0.002	0.010	1.45	3.2	1.5	2.8	11.5	0.09	<0.05	8.7	0.023
31145	Core	64	14.5	37.4	<0.002	<0.01	1.32	3.3	1.8	1.0	14.5	0.09	<0.05	10.2	0.021
31146	Core	47	52.9	51.6	<0.002	0.081	2.65	4.0	1.9	1.9	25.9	0.14	<0.05	10.9	0.021
31147	Core	<10	17.4	26.1	<0.002	0.061	0.56	2.4	<1.0	1.1	21.1	<0.05	<0.05	5.4	0.014
31148	Core	30	42.7	39.3	<0.002	0.205	1.13	3.1	1.8	1.2	34.0	0.11	<0.05	8.5	0.022
31149	Core	36	16.5	36.6	<0.002	0.119	1.30	2.9	1.8	0.8	33.7	0.08	<0.05	8.6	0.020
31150	Core	975	9.3	98.4	<0.002	0.114	2.46	8.3	2.0	1.4	77.7	0.21	0.07	14.3	0.044
31151	Core	15	9.7	47.4	<0.002	0.030	0.65	3.9	2.1	0.7	29.2	0.09	<0.05	10.8	0.024
31152	Core	96	72.7	37.9	<0.002	0.379	2.05	2.7	1.5	1.8	19.4	0.06	<0.05	8.6	0.019
31153	Core	110	10.9	45.8	<0.002	0.160	1.26	3.4	2.0	1.1	12.2	0.09	<0.05	9.7	0.029
31154	Reject	159	10.2	35.5	0.002	0.092	0.75	2.8	1.5	1.0	20.4	0.09	<0.05	10.2	0.033
31155	Reject	129	12.0	34.7	<0.002	0.075	0.77	2.9	<1.0	1.0	19.1	0.09	<0.05	9.8	0.035
31156	Core	212	4.1	1.6	<0.002	<0.01	0.09	0.5	2.7	0.3	43.6	0.56	<0.05	0.7	<0.005
31157	Core	82	57.4	47.7	<0.002	0.377	1.34	3.1	2.0	2.2	22.8	0.08	<0.05	11.2	0.027
31158	Core	96	53.5	46.9	<0.002	0.348	1.02	3.0	1.2	3.3	12.3	0.07	<0.05	8.9	0.023
31159	Core	113	10.0	36.7	<0.002	0.245	0.86	2.7	1.6	0.8	11.7	0.08	<0.05	8.9	0.025
31160	Core	148	9.2	37.3	<0.002	0.078	0.66	2.7	2.1	0.9	27.2	0.08	<0.05	9.3	0.026
31161	Core	231	21.7	39.9	<0.002	0.253	1.53	2.5	2.0	0.9	34.5	0.09	<0.05	9.2	0.027
31162	Core	261	59.2	49.8	<0.002	0.225	1.63	3.5	1.3	1.5	15.2	0.12	<0.05	12.1	0.035
31163	Core	2304	19.6	46.9	<0.002	0.104	0.80	3.6	2.0	0.7	61.0	0.10	<0.05	12.3	0.037
31164	Core	150	10.5	49.6	<0.002	0.179	0.66	3.5	2.7	0.9	46.1	0.09	<0.05	10.7	0.031
31165	Core	177	5.4	41.3	<0.002	0.214	3.60	2.8	2.0	1.3	52.8	0.06	<0.05	7.2	0.024
31166	Core	55	3.4	20.6	<0.002	0.107	3.23	1.3	3.7	0.9	22.9	<0.05	<0.05	2.6	0.011
31167	Core	294	17.0	63.6	<0.002	1.132	4.71	4.2	3.7	1.8	64.1	0.08	<0.05	5.3	0.031
31168	Core	166	325.0	156.2	<0.002	3.195	8.50	11.0	3.5	2.6	143.0	0.16	0.13	10.8	0.069
31169	Core	93	104.1	79.4	<0.002	1.756	6.61	5.4	1.3	2.1	54.6	0.08	0.07	7.2	0.037
31170	Core	328	24.0	266.2	<0.002	0.519	2.22	17.4	1.5	2.5	68.6	0.31	<0.05	17.4	0.112
31171	Core	337	29.3	175.8	<0.002	0.657	3.27	12.9	3.0	2.0	99.2	0.18	<0.05	11.5	0.063

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31139	Core	0.49	1.4	49	1.8	4.6	163	66.3
31140	Core	0.34	1.3	34	1.4	4.9	145	47.3
31141	Core	0.22	1.5	24	1.9	4.4	143	43.9
31142	Core	0.34	2.0	36	2.1	4.4	77	62.4
31143	Core	0.33	1.7	35	2.0	4.1	79	51.7
31144	Core	0.19	1.5	26	1.6	3.6	56	45.1
31145	Core	0.23	1.7	27	1.5	3.7	14	42.0
31146	Core	0.31	1.9	29	1.2	3.6	126	44.0
31147	Core	0.16	0.8	18	0.5	2.5	125	27.0
31148	Core	0.25	1.3	24	0.8	3.7	50	43.8
31149	Core	0.20	1.3	24	2.2	4.1	49	44.3
31150	Core	0.56	2.4	57	2.4	7.8	34	75.7
31151	Core	0.24	1.6	26	1.5	4.4	21	58.5
31152	Core	0.20	1.3	27	5.1	3.3	231	41.5
31153	Core	0.23	1.4	33	2.1	4.3	49	55.0
31154	Reject	0.21	1.5	32	1.0	4.7	67	52.4
31155	Reject	0.18	1.6	33	1.1	4.8	62	54.1
31156	Core	<0.02	0.7	290	0.2	0.9	18	1.0
31157	Core	0.28	1.7	33	1.5	4.1	146	47.1
31158	Core	0.24	1.2	31	1.4	3.2	75	42.4
31159	Core	0.19	1.3	28	1.5	3.7	29	44.9
31160	Core	0.18	1.5	28	0.9	4.1	34	42.4
31161	Core	0.20	1.5	28	7.1	4.3	35	47.6
31162	Core	0.28	1.8	32	3.5	5.4	81	59.2
31163	Core	0.25	2.0	38	2.0	9.0	49	73.3
31164	Core	0.26	1.5	38	1.2	4.8	29	60.1
31165	Core	0.22	1.1	33	1.6	3.8	19	38.5
31166	Core	0.11	0.5	17	0.9	1.2	7	14.4
31167	Core	0.32	1.2	41	2.1	2.9	41	24.3
31168	Core	0.88	2.3	88	5.7	4.6	543	47.7
31169	Core	0.43	1.3	46	3.2	2.5	156	32.0
31170	Core	1.59	4.1	154	5.7	5.9	121	74.9
31171	Core	1.03	2.8	97	4.8	4.6	98	48.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31139	Core		1.00	4.57	2298.2	245	1.10	1.44	0.21	2.75	13.00	10.8	149	3.76	29.2
31139 Dup			0.83	4.39	2245.9	238	1.05	1.51	0.20	2.62	15.98	10.5	146	3.67	28.7
QCV1111-01534-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			94.97	5.57	260.0	502	0.55	5.34	1.51	22.85	15.07	10.5	58	0.83	5948.2
31157	Core		0.36	2.92	451.7	128	0.68	0.24	0.34	1.40	29.56	4.5	150	2.15	11.9
31157 Dup			0.34	2.81	471.2	135	0.69	0.24	0.35	1.44	29.35	4.4	165	2.22	12.9
QCV1111-01534-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-01534-0006-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.56	4.35	6983.1	204	0.68	0.08	6.98	1.03	33.17	9.9	75	6.52	29.3
31139	Core	0.240													
31139 Dup		0.226													
31157	Core	0.125													
31157 Dup		0.128													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.811													
QCV1111-01535-0004-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.336													

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11-360-08420-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31139	Core	1.80	14.04	1.30	5.6	0.07	1.53	5.8	12.6	0.21	345	0.53	0.24	4.1	17.9
31139 Dup		1.73	14.02	1.22	3.1	0.06	1.43	7.5	11.8	0.21	334	0.48	0.22	1.7	16.5
QCV1111-01534-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		5.64	12.17	1.41	1.6	0.39	1.03	7.1	10.6	1.17	1635	22.90	1.54	3.4	28.8
31157	Core	1.30	8.28	1.12	1.8	0.03	0.85	13.4	15.6	0.24	272	0.42	0.08	1.0	12.5
31157 Dup		1.35	9.02	1.10	1.6	0.04	0.76	13.6	14.7	0.23	285	0.43	0.07	0.8	13.4
QCV1111-01534-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-01534-0006-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result		2.85	11.79	0.51	2.9	0.05	0.96	16.1	18.5	2.80	429	3.98	0.03	4.8	48.9

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11-360-08420-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31139	Core	127	96.8	88.2	<0.002	0.310	2.75	7.4	2.0	5.5	34.8	0.43	0.21	11.9	0.031
31139 Dup		118	97.5	90.1	<0.002	0.304	2.57	6.9	2.2	5.0	33.2	0.19	0.14	10.2	0.031
QCV1111-01534-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result		516	>10000	25.6	0.012		451.05	11.2	2.4	2.1		0.25	0.99	2.8	0.224
31157	Core	82	57.4	47.7	<0.002	0.377	1.34	3.1	2.0	2.2	22.8	0.08	<0.05	11.2	0.027
31157 Dup		81	58.1	48.6	<0.002	0.383	1.43	3.0	1.8	2.4	23.4	0.07	<0.05	10.3	0.024
QCV1111-01534-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-01534-0006-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		359	13.6	49.2	<0.002		95.65	9.0	3.4	1.9	77.9	0.52	0.11	4.3	0.224

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31139	Core	0.49	1.4	49	1.8	4.6	163	66.3
31139 Dup		0.51	1.6	47	1.4	4.8	160	64.1
QCV1111-01534-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.53	1.4	123	0.8	12.8	4915	36.1
31157	Core	0.28	1.7	33	1.5	4.1	146	47.1
31157 Dup		0.24	1.5	33	1.3	4.0	143	48.1
QCV1111-01534-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-01534-0006-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected							206	
STD-DS-1 result			2.2	219	28.3	17.1	208	81.6

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 70**
Client Reference: **Core 70**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	35	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08421-01

Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31172	Core	0.319	0.52	>10	256.8	918	4.02	0.44	1.28	0.12	23.71	16.7	186	16.40	56.9
31173	Core	0.622	0.50	9.73	655.9	695	3.88	0.36	2.08	0.25	45.43	18.0	169	18.01	50.4
31174	Core	1.018	0.38	>10	871.5	849	3.91	0.36	1.16	0.22	39.29	19.5	147	24.11	65.5
31175	Core	0.045	0.13	2.41	136.9	58	0.58	0.06	0.64	0.03	19.59	3.9	245	1.74	10.8
31176	Core	0.206	0.20	4.74	185.4	290	1.14	0.08	0.32	0.07	25.63	6.0	186	5.44	17.0
31177	Core	0.484	0.15	2.79	171.1	125	1.01	0.05	1.12	0.03	14.02	3.9	198	3.09	9.4
31178	Core	0.035	0.09	2.53	114.5	109	0.58	0.07	0.62	<0.02	22.16	3.2	210	2.14	7.9
31179	Core	0.018	0.23	2.46	29.8	100	0.63	0.06	0.42	<0.02	25.23	3.0	209	2.21	10.7
31180	Core	0.033	0.12	2.26	30.6	105	0.63	0.05	0.91	<0.02	20.63	3.1	196	1.97	9.7
31181	Core	0.031	0.98	4.92	60.3	304	1.29	0.18	0.46	0.03	26.41	7.1	200	4.69	20.0
31182	Core	<0.005	0.08	2.86	10.9	130	0.62	0.07	0.46	<0.02	26.05	3.7	174	2.13	10.5
31183	Core	0.012	0.25	2.63	134.8	120	0.66	0.05	0.28	<0.02	24.33	3.3	160	1.98	9.9
31184	Core	0.033	0.08	2.11	297.5	76	0.63	0.05	0.78	0.02	26.47	3.3	203	2.00	13.7
31185	Core	0.013	0.20	>10	57.7	817	3.91	0.37	0.17	0.03	29.47	16.5	138	8.87	49.5
31186	Core	0.012	0.14	3.34	53.1	179	0.73	0.10	0.49	0.09	23.38	5.1	202	2.08	16.4
31187	Core	0.307	0.33	2.66	19.1	127	0.69	0.06	0.49	0.02	23.65	3.6	171	1.75	9.5
31188	Core	0.274	0.19	2.79	750.3	117	0.73	0.09	0.62	0.74	23.40	3.6	174	2.12	9.4
31189	Core	0.135	0.77	3.42	7740.8	190	1.02	0.26	0.58	3.13	27.33	5.9	174	1.92	16.7
31190	Reject	0.104	0.19	2.34	776.0	147	0.72	0.05	0.37	0.06	26.08	3.5	152	1.53	15.0
31191	Pulp	7.500	0.64	3.42	926.1	178	1.04	0.69	>10	4.02	28.09	6.2	100	6.61	37.5
31192	Reject	0.054	0.09	1.86	475.0	100	0.46	0.04	0.39	0.06	20.32	2.3	154	1.21	12.1
31193	Core	0.079	0.02	0.48	121.4	24	<0.05	0.01	0.11	0.06	3.96	0.5	27	0.26	3.9
31194	Core	0.116	0.35	>10	304.8	945	4.28	0.49	0.32	0.15	40.99	18.7	133	7.87	52.1
31195	Core	0.046	0.35	>10	102.9	841	4.62	0.45	0.20	0.47	43.79	19.1	128	7.85	64.5
31196	Core	0.043	0.70	>10	82.3	780	4.25	0.50	0.22	0.62	39.41	18.8	121	7.36	50.9
31197	Core	0.037	0.34	>10	74.9	694	3.61	0.39	0.17	0.13	36.60	18.5	125	5.92	48.0
31198	Core	0.009	0.18	4.37	34.2	217	1.29	0.11	0.35	0.43	20.98	8.5	166	2.03	17.4
31199	Core	0.041	0.36	1.92	345.7	109	0.34	0.08	0.73	0.51	22.72	2.4	163	1.27	14.9
31200	Core	0.030	0.23	2.25	84.4	122	0.55	0.06	0.54	0.20	25.61	3.2	155	1.30	11.6
31201	Core	0.024	0.12	3.63	69.0	220	0.83	0.14	0.53	1.20	29.77	5.5	168	2.07	16.8
31202	Core	0.052	0.22	2.14	317.2	78	0.39	0.05	0.73	1.21	22.69	4.2	149	1.26	20.8
31203	Core	0.284	0.53	4.37	3495.3	109	0.73	0.11	1.62	3.71	30.02	5.9	149	1.68	16.7
31204	Core	0.902	0.66	>10	>10000	988	5.23	0.37	2.11	0.36	15.88	20.1	147	8.62	41.7
31205	Core	0.164	0.15	2.54	970.6	141	0.87	0.13	1.28	0.12	17.78	6.0	231	1.46	24.7
31206	Core	0.032	0.86	>10	79.3	1159	5.38	0.49	1.23	0.10	32.25	21.6	160	9.60	60.3
31207	Core	0.025	0.57	>10	110.6	1133	4.74	0.30	0.40	0.09	57.82	16.2	164	9.29	58.1
31208	Core	0.138	0.29	>10	277.5	776	3.55	0.27	0.61	0.22	18.67	14.9	171	7.08	48.8
31209	Core	0.010	0.21	9.97	30.8	714	2.69	0.31	0.35	0.06	46.83	14.5	146	5.78	46.3

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11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31172	Core	3.88	25.71	1.38	5.3	0.07	3.69	14.2	116.2	1.04	706	0.62	0.24	3.1	44.9
31173	Core	4.80	22.17	1.27	2.4	0.07	3.09	25.4	65.4	1.30	1479	0.69	0.23	1.6	48.1
31174	Core	4.34	29.17	1.33	3.4	0.09	3.87	21.2	21.1	1.15	932	0.53	0.36	1.9	58.1
31175	Core	1.32	4.00	1.04	1.3	<0.01	0.24	9.1	12.5	0.33	530	0.54	1.07	0.8	10.9
31176	Core	1.51	10.74	0.99	2.2	0.02	1.46	12.1	11.6	0.38	298	0.43	0.64	1.1	16.2
31177	Core	1.13	5.75	0.85	1.0	0.01	0.71	6.5	9.0	0.35	531	0.42	0.41	0.5	11.1
31178	Core	0.95	5.38	0.75	1.5	0.01	0.57	10.1	12.6	0.23	250	0.41	0.60	0.7	8.1
31179	Core	0.96	4.90	0.71	1.2	<0.01	0.52	11.4	26.9	0.23	183	0.49	0.52	0.6	9.4
31180	Core	0.85	4.38	0.67	1.1	0.01	0.53	9.0	16.2	0.24	435	0.46	0.14	0.6	8.5
31181	Core	1.83	10.73	0.71	2.1	0.02	1.40	12.9	50.8	0.41	273	0.51	0.52	1.2	18.9
31182	Core	1.13	5.89	0.61	1.4	0.01	0.67	11.7	14.5	0.24	173	0.39	0.66	0.7	10.6
31183	Core	0.99	5.55	0.70	1.5	<0.01	0.62	11.1	21.9	0.22	138	0.44	0.57	0.7	8.9
31184	Core	1.09	4.46	0.84	1.1	<0.01	0.38	12.0	32.0	0.29	282	0.45	0.05	0.5	8.9
31185	Core	3.12	26.46	1.00	4.2	0.07	3.89	16.2	42.3	0.59	271	0.44	0.24	2.2	40.6
31186	Core	1.53	7.24	0.71	1.5	0.02	0.87	10.8	6.1	0.27	317	0.40	0.05	0.9	13.1
31187	Core	1.12	5.48	0.59	1.2	0.01	0.63	10.9	42.3	0.23	335	0.54	0.05	0.7	9.4
31188	Core	1.14	5.46	0.76	1.3	0.03	0.70	10.8	35.5	0.24	397	0.45	0.05	0.7	9.1
31189	Core	1.50	7.46	1.18	1.6	0.13	1.54	12.4	4.1	0.33	421	0.51	0.05	1.0	15.3
31190	Reject	0.86	5.16	1.07	1.2	0.04	1.07	11.7	3.8	0.22	336	0.46	0.04	0.8	9.7
31191	Pulp	1.30	6.25	0.23	2.2	0.06	1.41	16.9	8.3	0.80	280	11.42	<0.01	7.2	68.1
31192	Reject	0.64	3.92	0.85	1.0	0.05	0.89	9.2	3.0	0.22	393	0.53	0.03	0.7	7.4
31193	Core	0.19	0.85	<0.05	0.2	<0.01	0.23	1.8	3.1	0.05	97	0.06	<0.01	0.1	1.7
31194	Core	4.22	26.56	1.00	3.0	0.08	4.61	24.5	26.8	0.69	809	0.52	0.26	2.4	49.9
31195	Core	4.92	27.92	1.18	2.9	0.08	4.42	25.5	39.7	0.71	455	0.52	0.26	2.7	57.5
31196	Core	4.75	24.89	1.19	3.5	0.09	4.14	22.3	36.1	0.77	448	0.43	0.24	2.3	47.9
31197	Core	4.76	24.27	1.09	3.8	0.07	3.59	20.6	46.7	0.94	445	0.39	0.19	2.4	51.1
31198	Core	2.94	9.72	0.82	2.0	0.03	1.19	10.1	18.2	0.33	805	0.39	0.06	0.9	20.3
31199	Core	0.83	4.34	0.96	0.7	0.05	0.82	10.7	3.6	0.27	798	0.40	0.03	0.7	7.1
31200	Core	1.00	4.36	0.56	1.2	0.02	0.77	11.3	5.8	0.22	537	0.41	0.04	0.7	7.8
31201	Core	1.49	7.96	0.83	1.8	0.05	1.17	14.2	8.5	0.31	583	0.37	0.07	1.0	14.1
31202	Core	1.27	4.45	0.92	1.0	0.03	0.45	10.8	16.4	0.30	548	0.44	0.44	0.6	10.4
31203	Core	1.86	7.17	1.24	1.5	0.08	0.68	14.6	48.5	0.52	1034	0.40	1.85	0.8	13.4
31204	Core	3.71	37.58	1.51	3.8	0.09	4.56	8.7	42.0	1.00	894	0.57	1.05	2.2	43.1
31205	Core	2.48	5.62	1.25	0.8	0.02	0.62	8.9	19.5	0.60	846	0.48	0.22	0.6	17.6
31206	Core	4.39	29.32	1.42	5.8	0.09	4.59	18.3	106.0	1.21	517	0.50	0.33	3.6	45.3
31207	Core	3.94	33.77	1.68	3.3	0.08	4.57	33.0	56.1	1.06	404	0.45	0.29	2.7	49.6
31208	Core	4.29	21.88	1.49	2.8	0.06	3.23	10.4	42.2	1.07	593	0.48	0.37	2.1	38.1
31209	Core	3.30	20.42	1.36	3.1	0.06	2.71	25.7	63.5	1.21	581	0.39	0.22	2.5	39.1

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Certificate of Analysis

11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31172	Core	336	19.2	220.6	<0.002	1.759	4.72	15.4	1.5	2.5	170.4	0.46	0.12	15.7	0.071
31173	Core	308	56.9	191.7	<0.002	2.276	4.78	14.2	1.3	3.1	220.8	0.19	0.09	14.6	0.055
31174	Core	427	21.1	259.4	<0.002	1.925	2.22	18.6	<1.0	3.1	238.1	0.25	<0.05	17.4	0.073
31175	Core	113	9.4	16.7	<0.002	0.131	0.84	2.6	1.8	1.0	92.5	0.07	<0.05	7.4	0.019
31176	Core	131	13.1	82.4	<0.002	0.153	0.70	5.4	1.4	1.2	50.1	0.11	<0.05	11.1	0.039
31177	Core	172	8.9	37.7	<0.002	0.099	0.59	2.5	2.1	0.6	68.7	<0.05	<0.05	6.2	0.016
31178	Core	100	10.0	31.9	<0.002	0.063	0.51	2.4	1.5	0.5	39.7	0.07	<0.05	8.6	0.021
31179	Core	102	8.3	28.8	<0.002	0.032	0.43	2.2	2.1	0.8	31.6	0.05	<0.05	7.3	0.017
31180	Core	107	7.5	28.4	<0.002	0.083	0.43	1.8	<1.0	0.8	36.3	0.05	<0.05	7.0	0.017
31181	Core	161	11.2	79.6	<0.002	0.143	0.61	5.8	1.1	1.1	60.3	0.11	<0.05	12.0	0.038
31182	Core	110	11.9	37.3	<0.002	0.015	0.32	2.5	1.6	0.7	42.4	0.06	<0.05	7.6	0.022
31183	Core	75	7.9	34.3	<0.002	0.080	0.49	2.3	1.8	0.7	35.3	0.07	<0.05	7.9	0.020
31184	Core	425	8.1	23.2	<0.002	0.162	0.83	1.8	2.8	1.9	51.0	0.05	<0.05	7.4	0.015
31185	Core	198	19.2	202.4	<0.002	0.253	1.71	16.4	1.1	2.4	69.3	0.26	<0.05	22.0	0.089
31186	Core	190	9.5	46.2	<0.002	0.100	0.59	3.6	1.3	0.9	32.0	0.08	0.08	9.3	0.028
31187	Core	110	9.6	34.7	<0.002	0.080	0.44	2.5	1.2	0.7	28.9	0.06	<0.05	8.2	0.020
31188	Core	152	62.9	36.1	<0.002	0.149	1.06	2.3	<1.0	3.1	34.0	0.06	0.08	8.6	0.021
31189	Core	126	145.5	73.3	<0.002	0.893	6.65	3.6	<1.0	16.0	20.9	0.08	<0.05	10.4	0.032
31190	Reject	86	5.9	53.3	<0.002	0.590	1.04	2.3	<1.0	8.4	16.2	0.06	<0.05	7.4	0.024
31191	Pulp	4350	6.2	112.0	0.041	1.121	17.52	6.1	6.5	1.6	133.3	0.46	0.48	6.6	0.199
31192	Reject	119	4.4	37.6	<0.002	0.370	0.78	1.5	<1.0	8.9	12.9	0.06	<0.05	5.8	0.020
31193	Core	65	2.9	9.0	<0.002	0.152	0.18	0.5	<1.0	1.3	2.6	<0.05	<0.05	1.3	<0.005
31194	Core	557	9.5	216.0	<0.002	0.798	2.96	18.1	<1.0	3.4	99.4	0.24	<0.05	17.7	0.111
31195	Core	528	20.5	232.1	<0.002	1.421	3.40	18.2	1.1	2.9	99.7	0.25	<0.05	17.1	0.105
31196	Core	542	42.4	210.7	<0.002	1.065	1.73	18.1	1.7	2.7	87.0	0.25	<0.05	19.5	0.095
31197	Core	434	17.7	182.9	0.002	0.794	1.48	15.7	1.2	2.5	65.6	0.27	<0.05	18.4	0.095
31198	Core	773	14.2	61.9	<0.002	0.217	0.74	5.5	<1.0	1.1	26.5	0.09	<0.05	10.9	0.032
31199	Core	932	31.7	40.3	<0.002	0.367	0.83	1.8	1.0	6.4	26.4	0.05	<0.05	6.5	0.021
31200	Core	237	22.9	35.8	<0.002	0.332	0.63	2.2	<1.0	1.9	18.0	0.07	<0.05	7.3	0.022
31201	Core	137	17.7	61.0	<0.002	0.481	0.67	4.4	<1.0	3.6	27.5	0.08	<0.05	11.4	0.035
31202	Core	88	34.5	24.7	<0.002	0.527	0.91	2.0	<1.0	2.0	49.0	<0.05	<0.05	7.6	0.018
31203	Core	293	265.3	37.4	<0.002	0.687	3.67	3.5	<1.0	4.2	180.1	0.07	<0.05	9.7	0.023
31204	Core	294	86.7	255.5	<0.002	1.209	11.70	19.7	1.1	4.1	272.3	0.25	0.24	20.8	0.106
31205	Core	98	8.6	32.0	<0.002	0.696	1.52	3.7	<1.0	1.0	96.8	<0.05	<0.05	5.2	0.017
31206	Core	626	16.8	257.9	0.002	0.241	1.50	20.0	<1.0	3.2	204.9	0.55	0.10	21.6	0.103
31207	Core	486	15.4	242.3	<0.002	0.164	1.52	18.7	1.2	3.1	128.5	0.38	<0.05	21.2	0.112
31208	Core	265	25.6	184.1	<0.002	0.812	1.49	14.0	1.4	2.7	106.7	0.23	<0.05	15.0	0.079
31209	Core	342	4.7	155.2	0.002	0.201	0.92	13.3	<1.0	2.1	92.2	0.26	<0.05	17.1	0.093

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11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31172	Core	1.26	3.5	133	3.9	6.2	104	67.3
31173	Core	1.15	3.3	126	5.3	6.9	84	65.1
31174	Core	1.49	4.8	153	6.0	8.3	83	87.9
31175	Core	0.10	1.1	27	1.5	3.1	18	39.2
31176	Core	0.44	1.8	55	1.6	4.6	31	63.5
31177	Core	0.20	0.9	31	1.1	3.2	23	32.6
31178	Core	0.18	1.3	27	0.8	3.4	13	41.2
31179	Core	0.15	1.1	24	0.5	3.2	15	36.5
31180	Core	0.17	1.1	24	1.0	3.2	18	31.6
31181	Core	0.43	2.0	57	1.2	5.0	43	61.6
31182	Core	0.16	1.1	29	0.3	3.7	18	42.7
31183	Core	0.19	1.2	27	1.1	3.1	17	41.2
31184	Core	0.12	1.2	24	1.5	3.9	15	35.9
31185	Core	1.15	4.7	137	3.7	8.4	94	116.7
31186	Core	0.25	1.5	38	2.7	3.7	33	43.1
31187	Core	0.15	1.0	29	1.9	3.3	20	39.4
31188	Core	0.18	1.2	26	2.3	3.7	70	37.2
31189	Core	0.35	1.4	39	2.7	5.0	189	46.8
31190	Reject	0.24	1.0	27	1.4	3.3	9	35.6
31191	Pulp	13.39	8.0	433	33.9	25.6	256	70.9
31192	Reject	0.19	0.8	21	1.3	2.6	5	26.1
31193	Core	0.04	0.2	5	0.3	0.6	4	6.3
31194	Core	1.15	4.2	157	4.1	7.4	123	83.1
31195	Core	1.21	4.2	142	2.5	7.1	155	83.2
31196	Core	1.16	4.8	143	2.9	8.0	157	93.5
31197	Core	0.96	4.7	139	1.8	9.2	120	105.1
31198	Core	0.32	1.9	53	4.4	6.1	85	60.8
31199	Core	0.20	0.8	23	46.5	4.6	38	29.5
31200	Core	0.16	0.9	24	1.8	3.7	25	33.2
31201	Core	0.29	1.6	45	1.6	4.7	95	57.6
31202	Core	0.12	1.0	24	0.9	3.0	103	32.3
31203	Core	0.16	1.3	36	1.7	5.1	274	45.0
31204	Core	1.30	4.0	184	6.3	10.1	114	112.2
31205	Core	0.16	1.0	34	1.0	3.5	34	25.4
31206	Core	1.37	5.0	176	3.6	8.2	129	89.9
31207	Core	1.30	4.8	166	4.1	7.3	133	87.7
31208	Core	0.92	3.5	130	3.3	6.0	106	79.5
31209	Core	0.84	3.6	134	0.9	6.6	109	83.7

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11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31172	Core		0.52	>10	256.8	918	4.02	0.44	1.28	0.12	23.71	16.7	186	16.40	56.9
31172 Dup			0.46	>10	246.5	939	3.93	0.36	1.26	0.11	24.81	15.8	191	15.53	53.1
QCV1111-01540-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			95.58												5989.3
31190	Reject		0.19	2.34	776.0	147	0.72	0.05	0.37	0.06	26.08	3.5	152	1.53	15.0
31190 Dup			0.17	2.36	784.8	146	0.82	0.05	0.37	0.07	24.86	3.1	195	1.55	14.8
QCV1111-01540-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.29												6421.6
31208	Core		0.29	>10	277.5	776	3.55	0.27	0.61	0.22	18.67	14.9	171	7.08	48.8
31208 Dup			0.24	>10	270.3	766	3.44	0.27	0.57	0.21	23.28	14.4	168	6.66	47.0
QCV1111-01540-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.74			443	2.76	8.08		0.21	79.25	23.3		6.61	>10000
31172	Core	0.319													
31172 Dup		0.333													
31190	Reject	0.104													
31190 Dup		0.101													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.413													
QCV1111-01541-0004-BLK		<0.005													
31208	Core	0.138													
31208 Dup		0.199													
QCV1111-01541-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.974													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31172	Core	3.88	25.71	1.38	5.3	0.07	3.69	14.2	116.2	1.04	706	0.62	0.24	3.1	44.9
31172 Dup		4.19	23.57	1.20	2.3	0.06	3.85	14.5	122.3	1.06	707	0.52	0.25	1.8	42.5
QCV1111-01540-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31190	Reject	0.86	5.16	1.07	1.2	0.04	1.07	11.7	3.8	0.22	336	0.46	0.04	0.8	9.7
31190 Dup		0.84	5.63	0.96	1.1	0.04	1.07	11.1	4.2	0.22	340	0.42	0.04	0.7	9.3
QCV1111-01540-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31208	Core	4.29	21.88	1.49	2.8	0.06	3.23	10.4	42.2	1.07	593	0.48	0.37	2.1	38.1
31208 Dup		3.85	23.32	1.37	2.8	0.07	3.39	13.3	43.5	1.09	583	0.48	0.40	2.1	39.2
QCV1111-01540-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.26		3.7	1.17		40.3	26.3			0.71		14.0	43.0

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11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31172	Core	336	19.2	220.6	<0.002	1.759	4.72	15.4	1.5	2.5	170.4	0.46	0.12	15.7	0.071
31172 Dup		345	18.4	211.8	0.002	1.772	4.40	15.9	<1.0	2.4	171.9	0.23	<0.05	12.9	0.071
QCV1111-01540-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9908.5												
31190	Reject	86	5.9	53.3	<0.002	0.590	1.04	2.3	<1.0	8.4	16.2	0.06	<0.05	7.4	0.024
31190 Dup		89	5.7	53.9	<0.002	0.590	1.07	2.3	1.5	8.9	16.2	0.06	<0.05	7.2	0.023
QCV1111-01540-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
31208	Core	265	25.6	184.1	<0.002	0.812	1.49	14.0	1.4	2.7	106.7	0.23	<0.05	15.0	0.079
31208 Dup		272	24.3	180.9	<0.002	0.801	1.45	13.6	<1.0	2.6	106.0	0.21	<0.05	14.8	0.082
QCV1111-01540-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.6	205.3	0.004	1.269	2.43	13.5	12.8	21.2	35.4	0.94	<0.05	16.6	

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11-360-08421-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31172	Core	1.26	3.5	133	3.9	6.2	104	67.3
31172 Dup		1.15	3.0	135	3.5	5.7	102	64.7
QCV1111-01540-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4829	
31190	Reject	0.24	1.0	27	1.4	3.3	9	35.6
31190 Dup		0.24	1.0	27	1.3	3.1	9	31.7
QCV1111-01540-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5177	
31208	Core	0.92	3.5	130	3.3	6.0	106	79.5
31208 Dup		0.94	3.6	128	3.2	6.0	106	78.3
QCV1111-01540-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.76	3.1			26.7	185	121.9

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Certificate of Analysis

11-360-08422-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 71**
Client Reference: **Core 71**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/30/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	53	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
32720	Core		0.119	0.24	1.80	1202.9	90	0.73	0.37	0.50	11.51	10.30	3.4	216	2.38
32721	Core		1.242	58.91	1.43	>10000	72	0.52	128.43	0.05	83.80	9.66	1.7	182	2.57
32722	Core		0.258	7.98	3.14	1501.4	155	0.88	3.48	0.10	17.79	16.76	2.3	197	4.48
32723	Core		0.296	2.92	3.04	491.4	154	0.94	0.12	0.04	1.12	26.75	1.9	153	5.29
32724	Core		0.852	2.31	3.63	2863.0	184	1.20	0.10	0.33	1.71	29.62	2.9	172	4.80
32725	Core	18.252	>10	0.32	1.58	924.7	70	0.71	0.09	0.03	0.33	15.89	0.7	213	2.40
32726	Core		1.838	0.07	2.28	1819.5	114	0.83	0.08	0.04	0.43	15.50	1.5	196	4.25
32727	Core		0.290	1.56	2.20	3013.0	122	0.70	0.07	0.05	0.61	18.22	1.5	183	3.76
32728	Core		0.830	0.26	3.00	4858.6	156	1.25	0.08	0.27	1.01	26.40	3.0	210	4.67
32729	Core		0.635	1.70	1.85	874.1	84	0.62	0.12	0.03	0.37	26.31	1.3	188	4.09
32730	Core		0.212	0.57	2.15	399.2	89	0.52	0.08	0.02	0.30	29.27	1.1	145	4.03
32731	Core		0.154	0.38	1.97	987.0	101	0.79	0.06	0.15	0.52	34.87	2.2	176	4.06
32732	Core		4.281	0.26	2.31	4684.7	117	0.88	0.22	0.11	2.30	28.32	4.6	322	5.98
32733	Core		1.396	0.90	3.59	4634.5	225	1.27	0.19	0.43	0.60	24.09	7.1	193	6.77
32734	Core	12.761	>10	2.79	8.35	5499.5	650	3.59	0.39	0.55	0.42	34.59	13.4	164	14.37
32735	Core		0.980	0.74	9.35	1856.4	631	4.09	0.34	0.48	0.26	47.94	18.0	171	18.20
32736	Core		0.494	2.76	>10	553.3	754	3.83	0.70	0.18	0.45	52.26	20.2	142	21.08
32737	Core		0.121	2.75	8.97	467.5	685	3.90	0.28	0.13	0.22	37.22	20.2	139	15.14
32738	Core		0.008	0.68	>10	68.8	704	4.08	0.42	0.20	0.07	66.95	18.8	99	14.25
32739	Core		0.013	<0.01	>10	73.6	711	3.70	0.41	0.17	0.07	63.48	20.1	101	14.94
32740	Core		0.038	<0.01	>10	87.4	702	3.69	0.41	0.15	0.10	46.34	19.6	108	17.09
32741	Core		0.169	3.26	3.07	1009.1	105	0.73	0.08	0.34	0.34	24.59	6.8	162	5.73
32742	Reject		0.527	0.07	2.88	2343.5	82	0.76	0.06	0.35	0.55	25.47	4.5	154	5.47
32743	Reject		0.448	1.83	2.39	2295.6	66	0.79	0.05	0.38	0.27	23.25	5.0	191	4.83
32744	Core		<0.005	0.13	0.18	2.1	29	0.11	0.02	>10	0.05	1.11	1.3	5	2.76
32745	Core		0.877	<0.01	1.55	3968.5	35	0.43	0.15	1.41	0.17	16.13	2.9	172	2.82
32746	Core		1.024	1.06	2.61	5145.1	51	0.41	0.14	0.34	0.29	22.92	3.7	190	4.95
32747	Core		0.215	0.14	2.16	3810.2	54	0.68	0.09	0.26	2.09	22.47	3.7	173	3.27
32748	Core		0.326	1.78	3.82	1857.9	220	1.13	0.17	0.81	2.68	30.10	7.1	179	6.58
32749	Core		0.182	0.18	>10	1027.1	779	3.75	0.37	0.19	0.12	53.53	19.9	129	17.94
32750	Core		0.067	0.51	>10	104.4	728	3.53	0.40	0.17	0.10	52.04	19.0	121	15.11
32751	Core		0.046	2.18	2.50	48.8	110	0.56	0.05	0.77	0.03	24.91	4.5	214	3.36
32752	Core		0.010	0.03	2.51	86.9	71	0.66	0.05	0.56	0.03	22.92	3.6	208	1.99
32753	Core		0.053	<0.01	3.29	177.3	161	0.73	0.07	0.54	0.05	30.15	4.8	153	2.86
32754	Core		0.059	0.14	1.89	181.9	69	0.63	0.07	0.34	0.12	14.37	3.8	221	1.51
32755	Core		0.066	<0.01	2.68	173.7	113	0.55	0.07	0.53	0.03	28.31	4.9	193	1.75
32756	Core		0.199	<0.01	2.45	773.0	90	0.56	0.05	0.79	0.05	20.79	4.4	210	1.37
32757	Core		0.029	0.03	3.11	74.7	172	0.56	0.09	0.32	0.10	27.71	6.3	185	2.26
32758	Core		0.009	<0.01	2.10	98.6	112	0.48	0.06	0.30	<0.02	20.67	4.0	191	1.67
32759	Core		0.010	<0.01	2.50	136.8	119	0.65	0.06	0.26	<0.02	25.12	4.7	156	1.73

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
32760	Core		0.028	<0.01	2.00	489.7	101	0.48	0.06	0.41	<0.02	24.67	3.3	162	1.45
32761	Core		0.019	<0.01	2.04	159.8	66	0.47	0.05	0.56	0.04	23.14	3.9	106	1.21
32762	Core		0.057	0.12	8.85	148.4	780	3.91	0.51	0.26	0.05	38.14	29.9	191	7.59
32763	Core		0.035	0.21	3.54	83.4	196	1.26	0.11	0.63	<0.02	32.43	9.0	179	2.47
32764	Core		<0.005	<0.01	2.20	10.9	85	0.35	0.06	0.51	<0.02	31.03	3.4	117	1.37
32765	Core		0.009	0.20	2.82	13.7	138	0.78	0.07	0.20	<0.02	27.95	4.1	181	1.74
32766	Core		<0.005	<0.01	2.29	7.8	89	0.40	0.06	0.22	<0.02	25.16	3.2	198	1.33
32767	Core		<0.005	0.02	2.69	9.8	111	0.56	0.06	0.47	0.03	25.55	3.6	179	1.31
32768	Core		0.009	0.12	2.77	85.4	124	0.64	0.07	0.34	<0.02	28.71	5.9	192	1.51
32769	Core		<0.005	<0.01	2.38	53.9	82	0.63	0.04	0.23	0.06	29.96	5.5	141	1.24
32770	Core		0.016	0.03	>10	81.4	769	4.82	0.42	0.22	0.15	53.42	21.9	150	7.84
32771	Core		0.036	0.29	>10	62.3	745	4.37	0.45	0.13	0.08	40.60	21.8	122	7.80
32772	Core		0.027	0.10	>10	48.1	709	4.24	0.38	0.20	0.08	52.79	18.5	124	6.95
32773	Core		0.121	0.02	>10	1636.5	660	4.13	0.31	0.28	0.07	35.02	19.3	128	6.61
32774	Core		0.253	0.06	4.71	2222.5	243	1.58	0.10	0.77	0.74	16.76	10.5	172	2.85

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Certificate of Analysis

11-360-08422-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
32720	Core	10.4	1.17	5.32	1.25	0.6	0.04	0.73	3.9	48.4	0.21	522	0.51	0.03	0.4
32721	Core	32.0	3.37	4.08	1.82	0.7	2.73	0.54	3.5	17.2	0.05	52	0.52	0.02	0.4
32722	Core	23.8	1.06	7.62	1.49	1.4	0.16	1.10	6.5	71.9	0.10	126	0.53	0.05	0.7
32723	Core	11.1	0.70	7.89	1.46	1.6	0.03	1.04	10.0	100.5	0.09	60	0.42	0.05	0.9
32724	Core	23.2	1.12	10.95	1.41	1.5	0.03	0.99	10.7	25.1	0.11	70	0.45	0.04	0.7
32725	Core	8.5	0.38	5.26	1.92	0.8	0.01	0.50	5.9	123.8	0.05	26	0.94	0.02	0.5
32726	Core	10.9	0.64	8.07	1.64	1.2	0.02	0.88	5.8	213.8	0.09	24	0.63	0.03	0.5
32727	Core	10.8	0.66	8.84	1.74	1.3	0.02	0.94	6.9	173.0	0.09	26	0.60	0.03	0.5
32728	Core	10.4	1.02	10.16	1.73	1.7	0.03	1.05	10.0	176.9	0.11	41	0.50	0.04	0.7
32729	Core	8.5	0.56	5.47	1.44	1.5	0.02	0.64	9.8	173.2	0.05	24	0.49	0.03	0.7
32730	Core	10.7	0.53	5.47	1.42	1.6	0.02	0.68	11.1	231.6	0.06	17	0.40	0.03	0.8
32731	Core	14.8	0.94	5.69	1.45	1.6	0.02	0.73	12.7	172.9	0.08	94	0.42	0.03	0.8
32732	Core	8.7	1.16	6.91	2.07	1.4	0.03	0.98	11.1	32.8	0.14	121	0.62	0.04	0.8
32733	Core	23.8	2.41	10.71	1.48	1.6	0.04	1.82	9.6	24.9	0.42	496	0.46	0.06	0.8
32734	Core	45.9	4.12	23.58	1.61	2.3	0.06	4.24	15.7	14.0	0.77	507	0.63	0.15	1.5
32735	Core	60.9	5.01	27.52	1.56	2.5	0.07	3.74	21.1	22.7	1.02	799	0.55	0.22	1.8
32736	Core	57.7	5.84	29.54	1.37	3.1	0.09	4.37	22.9	39.4	1.16	749	0.45	0.29	2.3
32737	Core	58.5	5.08	27.76	1.37	2.9	0.07	3.89	14.2	48.8	1.06	665	0.44	0.28	2.4
32738	Core	59.5	4.75	26.74	1.24	3.1	0.08	3.69	27.4	69.4	1.00	537	0.39	0.34	2.3
32739	Core	54.7	4.81	27.42	1.14	3.0	0.07	3.49	26.6	121.3	1.00	554	0.41	0.31	2.5
32740	Core	52.3	4.72	27.61	1.05	3.0	0.07	3.38	19.7	107.2	0.98	583	0.41	0.27	2.0
32741	Core	29.3	1.66	7.08	1.82	1.4	0.02	0.66	9.1	61.8	0.29	373	0.35	0.04	0.7
32742	Reject	18.3	1.27	6.83	2.19	1.4	0.03	0.60	9.2	393.8	0.22	272	0.41	0.03	0.6
32743	Reject	24.3	1.23	5.49	1.98	1.1	0.02	0.51	8.3	349.3	0.23	311	0.42	0.03	0.5
32744	Core	5.0	0.43	0.72	<0.05	<0.1	<0.01	0.10	0.6	3.1	>10	211	<0.05	<0.01	1.0
32745	Core	4.3	1.30	3.06	2.58	0.7	0.03	0.24	6.0	306.9	0.56	513	0.47	0.02	0.3
32746	Core	6.1	1.01	5.19	2.56	1.4	0.02	0.37	8.5	384.8	0.16	183	0.46	0.03	0.6
32747	Core	11.3	1.08	4.70	1.79	1.0	0.05	0.44	8.4	128.9	0.14	328	0.50	0.03	0.4
32748	Core	19.1	2.13	10.41	1.38	4.9	0.08	1.47	11.9	72.2	0.48	803	0.43	0.08	1.9
32749	Core	53.8	5.20	29.30	1.21	3.7	0.07	3.87	23.3	99.6	1.14	586	0.50	0.32	3.0
32750	Core	59.3	4.78	26.71	1.22	3.2	0.07	3.65	22.8	154.4	1.06	582	0.44	0.31	2.4
32751	Core	11.6	1.81	6.02	0.72	1.3	0.02	0.57	9.4	76.2	0.40	732	0.51	0.07	0.7
32752	Core	9.5	1.20	4.51	0.83	1.2	0.01	0.41	8.7	48.8	0.28	413	0.45	0.68	0.7
32753	Core	12.0	1.37	7.80	0.84	1.4	0.01	0.91	10.9	43.5	0.33	399	0.43	0.62	0.9
32754	Core	15.4	1.07	3.85	0.81	0.7	<0.01	0.40	5.3	40.8	0.19	359	0.50	0.08	0.5
32755	Core	11.7	1.31	5.79	0.72	1.4	0.01	0.67	9.9	24.8	0.26	358	0.47	0.05	0.6
32756	Core	15.8	1.29	4.91	0.66	0.9	<0.01	0.47	7.7	9.6	0.26	432	0.39	0.04	0.5
32757	Core	18.4	1.46	7.42	0.74	1.4	0.02	0.90	10.6	13.9	0.28	285	0.50	0.07	0.8
32758	Core	11.1	1.05	5.47	0.67	1.0	0.01	0.63	7.6	7.6	0.21	246	0.53	0.05	0.6
32759	Core	10.8	1.11	6.02	0.70	1.4	<0.01	0.56	9.1	6.7	0.20	289	0.46	0.05	0.6

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
32760	Core	9.0	0.79	5.35	0.92	1.1	<0.01	0.46	8.9	7.1	0.19	182	0.61	0.13	0.6
32761	Core	9.3	0.99	3.94	0.67	1.0	<0.01	0.33	8.4	15.4	0.22	273	0.51	0.19	0.4
32762	Core	43.9	3.37	26.44	1.22	3.3	0.07	3.77	16.2	34.1	0.46	265	0.93	0.30	2.6
32763	Core	17.7	1.92	8.53	0.69	1.4	0.02	0.92	12.3	13.8	0.32	244	0.55	0.24	0.9
32764	Core	8.5	0.94	4.62	0.59	1.3	<0.01	0.43	10.8	10.2	0.21	235	0.43	0.19	0.8
32765	Core	13.6	1.29	6.18	0.63	1.3	0.01	0.76	10.5	6.8	0.22	188	0.44	0.11	0.7
32766	Core	8.1	0.96	4.75	0.53	1.1	<0.01	0.44	8.9	7.3	0.19	192	0.41	0.21	0.7
32767	Core	9.7	1.05	5.78	0.56	1.1	0.01	0.60	9.2	4.8	0.22	387	0.39	0.05	0.6
32768	Core	16.7	1.25	6.74	0.84	1.2	0.01	0.68	10.3	8.5	0.22	360	0.45	0.04	0.8
32769	Core	14.2	1.59	5.51	0.62	1.2	<0.01	0.47	10.7	63.9	0.24	415	0.47	0.03	0.8
32770	Core	69.3	5.09	29.05	1.23	2.5	0.08	4.16	25.4	37.3	1.01	490	0.56	0.27	2.3
32771	Core	63.6	4.89	29.09	1.26	2.8	0.08	4.00	18.9	46.5	1.02	338	0.52	0.27	2.0
32772	Core	59.6	5.42	27.64	1.31	3.1	0.07	4.28	23.5	49.6	1.18	387	0.44	0.27	2.2
32773	Core	53.8	4.72	27.14	1.40	3.2	0.08	3.37	15.1	49.2	0.95	523	0.48	0.21	2.4
32774	Core	27.1	3.18	12.29	1.16	2.0	0.04	1.31	6.6	22.2	0.59	737	0.41	0.06	1.2

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Certificate of Analysis

11-360-08422-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
32720	Core	10.2	196	74.3	46.0	<0.002	0.607	2.72	2.1	1.9	2.6	34.7	<0.05	<0.05	4.1
32721	Core	4.9	48	4683.7	35.8	<0.002	3.091	15.06	1.6	2.8	4.2	19.4	<0.05	<0.05	4.0
32722	Core	7.2	101	269.5	68.3	<0.002	0.413	3.14	3.5	1.9	3.2	28.0	0.06	<0.05	6.9
32723	Core	6.2	80	43.3	64.9	<0.002	0.224	2.17	3.4	2.2	1.5	20.8	0.07	<0.05	7.0
32724	Core	8.7	1266	16.6	73.4	<0.002	0.270	3.85	4.3	4.3	1.0	47.7	0.05	<0.05	9.2
32725	Core	4.1	50	26.5	32.1	<0.002	0.046	2.97	1.5	3.1	0.8	13.1	<0.05	<0.05	3.4
32726	Core	5.3	102	15.7	51.8	<0.002	0.216	3.42	2.3	1.6	1.0	20.7	<0.05	<0.05	5.9
32727	Core	5.2	94	19.0	53.1	<0.002	0.204	4.09	2.5	1.5	1.1	22.2	<0.05	<0.05	7.4
32728	Core	9.6	1149	11.4	66.7	<0.002	0.462	5.08	3.4	3.1	1.2	41.5	0.06	<0.05	9.4
32729	Core	5.9	135	11.3	38.5	<0.002	0.195	1.90	2.2	2.8	0.7	20.7	0.05	<0.05	8.2
32730	Core	4.7	100	29.3	40.2	<0.002	0.313	1.43	2.4	4.2	0.8	19.3	0.07	<0.05	8.4
32731	Core	9.4	640	15.2	41.8	<0.002	0.435	1.75	2.6	3.5	0.9	30.0	0.05	<0.05	9.2
32732	Core	26.6	434	27.3	51.3	<0.002	0.823	5.61	3.2	2.9	5.2	36.2	0.06	0.07	7.6
32733	Core	20.7	215	25.7	95.5	<0.002	1.500	4.59	5.1	2.8	5.5	43.6	0.06	<0.05	8.8
32734	Core	38.7	206	26.7	210.2	<0.002	3.231	7.98	14.2	1.9	3.7	101.7	0.12	0.14	11.7
32735	Core	45.9	501	26.8	218.2	<0.002	1.365	4.12	15.5	1.4	2.9	129.9	0.18	<0.05	13.2
32736	Core	53.9	463	84.7	261.7	<0.002	1.523	1.97	18.2	2.0	3.0	126.1	0.21	0.07	15.7
32737	Core	50.7	454	22.5	201.9	<0.002	0.377	2.00	13.6	1.4	3.2	104.4	0.20	0.07	10.6
32738	Core	48.7	786	23.5	201.9	<0.002	0.152	1.71	16.4	1.5	2.4	108.4	0.21	<0.05	14.8
32739	Core	51.8	570	20.5	204.4	0.004	0.139	2.07	16.3	1.8	2.5	97.2	0.18	0.07	15.4
32740	Core	50.5	390	21.0	232.2	<0.002	0.178	1.81	17.0	1.3	2.6	95.4	0.20	0.07	15.3
32741	Core	13.2	79	21.7	50.4	<0.002	1.039	1.84	3.0	2.0	2.2	52.7	0.05	<0.05	7.7
32742	Reject	10.7	61	50.8	43.2	<0.002	0.836	2.51	2.8	1.9	1.6	52.1	0.05	<0.05	7.1
32743	Reject	11.2	65	15.3	35.0	<0.002	0.716	2.43	2.6	2.1	1.9	53.2	<0.05	<0.05	6.0
32744	Core	1.0	160	1.9	12.2	<0.002	<0.01	<0.05	0.4	2.0	0.3	46.0	0.27	<0.05	0.3
32745	Core	8.4	95	14.3	19.2	<0.002	0.415	3.80	2.7	1.5	0.6	110.9	<0.05	<0.05	3.8
32746	Core	10.1	50	26.8	28.8	<0.002	0.566	5.37	2.1	2.2	0.8	50.6	<0.05	<0.05	6.8
32747	Core	8.4	71	222.7	25.8	<0.002	0.646	4.10	1.9	2.6	2.5	56.1	<0.05	<0.05	6.0
32748	Core	15.1	157	124.6	86.2	<0.002	1.348	2.50	5.1	<1.0	2.9	82.6	0.19	<0.05	10.6
32749	Core	50.8	578	20.2	241.5	0.002	0.713	2.49	16.3	1.9	2.9	115.9	0.38	0.10	15.8
32750	Core	45.4	422	28.7	223.3	<0.002	0.285	1.89	15.2	1.7	2.8	108.3	0.28	0.08	16.0
32751	Core	10.6	131	8.8	39.9	<0.002	0.060	0.47	2.5	1.1	0.7	48.5	0.07	<0.05	6.8
32752	Core	9.9	81	6.3	25.6	<0.002	0.034	0.45	2.4	1.2	0.6	60.2	0.05	<0.05	6.8
32753	Core	11.9	240	9.8	51.7	<0.002	0.071	0.61	3.2	1.6	0.7	62.6	0.07	<0.05	8.3
32754	Core	9.1	172	8.9	22.6	0.003	0.075	0.60	1.6	1.5	1.5	24.8	<0.05	<0.05	6.0
32755	Core	10.0	137	11.4	37.7	<0.002	0.113	0.82	2.3	2.1	1.1	34.4	0.06	<0.05	8.3
32756	Core	9.4	145	8.8	28.1	<0.002	0.145	1.08	2.3	2.0	1.5	60.6	<0.05	<0.05	5.8
32757	Core	14.7	98	16.6	50.5	<0.002	0.087	0.75	3.4	2.3	1.0	29.0	0.07	<0.05	7.4
32758	Core	9.6	95	15.4	32.5	<0.002	0.041	0.57	2.2	2.5	0.8	24.5	<0.05	<0.05	5.8
32759	Core	9.6	97	11.7	35.0	<0.002	0.076	0.57	2.2	2.5	1.0	24.2	<0.05	<0.05	8.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
32760	Core	8.6	79	12.8	31.4	<0.002	0.096	0.85	1.7	3.6	0.8	39.3	<0.05	<0.05	6.8
32761	Core	7.9	114	9.4	20.5	<0.002	0.066	0.56	1.4	2.0	0.7	35.6	<0.05	<0.05	5.7
32762	Core	35.2	623	37.8	214.1	<0.002	1.154	8.95	16.1	2.2	2.8	97.7	0.24	0.10	18.0
32763	Core	16.6	315	15.0	60.0	<0.002	0.273	2.25	4.2	2.7	1.0	45.2	0.07	<0.05	8.5
32764	Core	8.1	91	11.5	25.6	<0.002	0.032	0.34	1.8	1.8	0.8	26.0	0.06	<0.05	8.3
32765	Core	11.3	149	11.3	39.2	<0.002	0.050	0.43	2.7	1.6	0.9	22.1	0.07	<0.05	7.6
32766	Core	8.6	91	10.4	25.3	<0.002	0.027	0.31	1.9	1.8	0.7	19.9	0.09	<0.05	6.5
32767	Core	7.9	110	9.4	33.8	<0.002	0.013	0.34	2.5	1.4	0.8	24.9	0.05	<0.05	7.0
32768	Core	12.7	123	9.4	38.3	<0.002	0.054	0.53	2.9	1.5	1.3	27.4	0.06	<0.05	7.0
32769	Core	10.3	99	7.5	26.6	<0.002	0.042	0.49	2.3	1.0	1.3	22.8	0.07	<0.05	8.1
32770	Core	53.3	528	26.6	236.1	<0.002	0.295	2.25	18.4	2.1	2.9	104.5	0.22	<0.05	14.7
32771	Core	53.0	422	27.3	221.9	<0.002	0.529	2.54	18.8	2.3	3.1	98.1	0.21	0.07	16.1
32772	Core	49.1	470	29.8	206.7	<0.002	0.212	1.31	16.7	1.6	2.7	90.9	0.24	0.13	17.0
32773	Core	47.3	492	23.5	207.0	<0.002	0.437	2.89	16.2	2.5	2.7	79.3	0.22	0.06	17.5
32774	Core	26.1	222	61.3	88.7	<0.002	1.624	3.23	6.2	1.9	2.3	73.6	0.10	<0.05	10.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32720	Core	0.013	0.23	0.7	23	1.2	2.5	622	21.3
32721	Core	0.010	0.23	1.0	15	1.1	1.3	3966	21.7
32722	Core	0.025	0.42	1.6	35	2.3	3.1	450	42.7
32723	Core	0.028	0.39	1.5	35	1.9	3.2	25	52.9
32724	Core	0.025	0.38	1.8	38	2.2	6.5	36	58.3
32725	Core	0.015	0.17	0.6	19	1.0	1.5	5	26.0
32726	Core	0.020	0.31	1.1	30	1.8	2.0	12	36.5
32727	Core	0.019	0.31	1.2	31	2.0	2.3	15	40.5
32728	Core	0.026	0.38	1.7	36	2.3	5.4	25	55.4
32729	Core	0.023	0.24	1.4	24	1.7	2.9	15	47.7
32730	Core	0.026	0.22	1.3	24	1.8	3.3	11	52.2
32731	Core	0.024	0.22	1.5	27	3.0	4.8	35	55.5
32732	Core	0.029	0.33	1.6	34	3.4	2.9	116	46.1
32733	Core	0.035	0.48	1.8	57	2.4	4.4	204	54.9
32734	Core	0.068	1.11	3.1	122	5.2	4.7	128	71.9
32735	Core	0.083	1.20	4.2	146	7.7	6.5	125	78.7
32736	Core	0.088	1.51	5.0	160	6.9	7.2	165	106.1
32737	Core	0.087	1.26	5.0	141	7.0	4.4	112	98.7
32738	Core	0.082	1.20	4.6	139	3.3	7.5	110	95.9
32739	Core	0.071	1.22	4.6	138	3.6	7.2	110	94.5
32740	Core	0.077	1.26	4.6	144	4.8	7.1	110	95.0
32741	Core	0.018	0.26	1.4	31	2.9	3.3	64	48.9
32742	Reject	0.018	0.23	1.2	28	15.0	2.7	60	46.4
32743	Reject	0.014	0.20	0.9	25	2.1	2.4	40	37.9
32744	Core	<0.005	0.07	0.4	273	0.1	0.9	15	0.8
32745	Core	0.009	0.11	0.7	22	1.7	2.5	18	25.4
32746	Core	0.013	0.17	1.1	19	2.8	2.4	31	42.8
32747	Core	0.012	0.14	0.9	19	2.0	2.3	178	35.4
32748	Core	0.029	0.49	1.7	50	2.9	4.2	293	50.4
32749	Core	0.082	1.30	6.0	146	6.3	7.8	115	101.4
32750	Core	0.078	1.26	4.1	137	4.3	6.8	109	93.7
32751	Core	0.020	0.20	1.2	32	7.1	3.2	35	41.1
32752	Core	0.019	0.14	1.0	26	1.0	2.9	25	39.9
32753	Core	0.027	0.26	1.3	38	68.1	3.9	30	58.4
32754	Core	0.013	0.11	0.9	21	67.0	2.2	59	28.9
32755	Core	0.018	0.20	1.4	29	2.6	3.0	45	39.3
32756	Core	0.014	0.14	0.9	26	2.3	3.1	43	36.6
32757	Core	0.023	0.23	1.3	35	2.0	3.2	42	44.9
32758	Core	0.017	0.13	0.9	26	2.1	2.5	18	36.2
32759	Core	0.019	0.20	1.2	29	1.8	3.0	20	44.2

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11-360-08422-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32760	Core	0.016	0.16	1.0	22	1.1	2.8	12	34.8
32761	Core	0.011	0.11	1.0	18	0.9	2.9	22	28.7
32762	Core	0.091	1.21	4.1	130	3.6	7.5	64	104.3
32763	Core	0.028	0.30	1.5	42	1.2	4.2	31	46.8
32764	Core	0.019	0.13	1.2	22	1.3	3.3	13	40.5
32765	Core	0.022	0.22	1.3	30	1.6	2.9	24	40.9
32766	Core	0.018	0.12	1.2	23	0.6	2.7	13	40.5
32767	Core	0.019	0.17	1.1	28	3.2	3.1	21	38.1
32768	Core	0.022	0.19	0.9	31	4.8	3.2	24	43.6
32769	Core	0.023	0.12	1.0	29	4.2	2.8	36	42.3
32770	Core	0.096	1.13	3.7	147	3.2	6.7	119	86.8
32771	Core	0.083	1.20	4.0	150	2.3	6.3	118	88.6
32772	Core	0.094	1.04	4.1	157	2.4	8.4	120	104.8
32773	Core	0.088	1.00	4.1	138	4.4	8.4	106	106.8
32774	Core	0.038	0.45	2.0	63	3.9	5.5	90	73.3

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11-360-08422-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
32720	Core			0.24	1.80	1202.9	90	0.73	0.37	0.50	11.51	10.30	3.4	216	2.38
32720 Dup				0.30	2.07	1241.7	102	0.78	0.42	0.50	12.39	11.27	3.5	226	2.52
QCV1111-01552-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS92-4A expected				0.70					2.44				16.3		
STD-OREAS92-4A result				0.77	7.07	12.6	386	3.08	2.35	0.55	0.07	81.81	16.4		6.76
32738	Core			0.68	>10	68.8	704	4.08	0.42	0.20	0.07	66.95	18.8	99	14.25
32738 Dup				0.27	>10	72.6	732	3.95	0.41	0.20	0.07	68.53	18.5	108	15.11
QCV1111-01552-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.10		12.9	416	3.06	8.19		0.30	84.84	24.8		6.70
32756	Core			<0.01	2.45	773.0	90	0.56	0.05	0.79	0.05	20.79	4.4	210	1.37
32756 Dup				0.08	2.61	766.6	90	0.45	0.05	0.78	0.04	20.31	4.7	212	1.34
QCV1111-01552-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS92-4A expected				0.70					2.44				16.3		
STD-OREAS92-4A result				0.73	7.78	8.2	432	2.64	2.37	0.56	0.06	90.33	17.1		6.90
32774	Core			0.06	4.71	2222.5	243	1.58	0.10	0.77	0.74	16.76	10.5	172	2.85
32774 Dup				0.19	4.13	2421.0	238	1.82	0.10	0.80	0.78	27.93	10.9	179	2.83
QCV1111-01552-0011-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.19		12.8	407	2.86	8.14		0.23	86.84	23.6		6.65
32720	Core		0.119												
32720 Dup			0.120												
32738	Core		0.008												
32738 Dup			0.009												
STD-OxG84 expected			0.922												
STD-OxG84 result			0.937												
QCV1111-01553-0004-BLK			<0.005												
32756	Core		0.199												
32756 Dup			0.201												
32774	Core		0.253												
32774 Dup			0.261												
STD-Oxi81 expected			1.807												
STD-Oxi81 result			1.908												
QCV1111-01553-0008-BLK			<0.005												
32725	Core	18.252													
32725 Dup		18.625													
32734	Core	12.761													
32734 Dup		11.448													
QCV1111-02656-0003-BLK		<1.000													
STD-CDN-GS-10A expected		9.780													
STD-CDN-GS-10A result		15.686													

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
32720	Core	10.4	1.17	5.32	1.25	0.6	0.04	0.73	3.9	48.4	0.21	522	0.51	0.03	0.4
32720 Dup		11.5	1.19	5.42	1.35	0.8	0.05	0.76	6.0	47.8	0.21	533	0.57	0.03	0.5
QCV1111-01552-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS92-4A expected		2294.0													
STD-OREAS92-4A result		2518.1	4.50	18.73		4.0	0.33	3.02	32.1	27.0	1.73		0.36	0.55	14.7
32738	Core	59.5	4.75	26.74	1.24	3.1	0.08	3.69	27.4	69.4	1.00	537	0.39	0.34	2.3
32738 Dup		56.6	4.76	27.01	1.04	2.9	0.07	3.53	29.0	69.0	1.01	542	0.52	0.33	2.3
QCV1111-01552-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		18.54		4.0	1.16		34.4	26.3			0.74		14.5
32756	Core	15.8	1.29	4.91	0.66	0.9	<0.01	0.47	7.7	9.6	0.26	432	0.39	0.04	0.5
32756 Dup		16.3	1.30	5.25	0.84	1.0	0.01	0.49	7.4	9.4	0.27	437	0.43	0.04	0.5
QCV1111-01552-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS92-4A expected		2294.0													
STD-OREAS92-4A result		2356.4	4.52	19.81		3.8	0.33	2.60	36.4	25.9	1.65		0.36	0.49	14.6
32774	Core	27.1	3.18	12.29	1.16	2.0	0.04	1.31	6.6	22.2	0.59	737	0.41	0.06	1.2
32774 Dup		32.1	3.27	12.99	1.18	2.4	0.04	1.44	11.1	21.5	0.62	758	0.41	0.07	1.3
QCV1111-01552-0011-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		18.14		3.8	1.15		34.9	24.4			0.75		13.8

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11-360-08422-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
32720	Core	10.2	196	74.3	46.0	<0.002	0.607	2.72	2.1	1.9	2.6	34.7	<0.05	<0.05	4.1
32720 Dup		10.0	204	78.9	45.8	<0.002	0.626	2.84	2.3	1.9	2.8	35.7	<0.05	<0.05	4.8
QCV1111-01552-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS92-4A expected				9.8			0.310	1.16		3.8	10.6				
STD-OREAS92-4A result		42.1	724	12.7	200.6	0.002	0.303	1.09	13.0	4.2	10.2	36.8	0.98	<0.05	17.1
32738	Core	48.7	786	23.5	201.9	<0.002	0.152	1.71	16.4	1.5	2.4	108.4	0.21	<0.05	14.8
32738 Dup		52.7	764	23.8	219.3	<0.002	0.147	1.67	16.8	1.8	2.4	109.9	0.21	<0.05	15.0
QCV1111-01552-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		46.8		30.3	194.9	<0.002	1.446	2.36	12.6	14.3	22.6	35.2	1.00	<0.05	17.2
32756	Core	9.4	145	8.8	28.1	<0.002	0.145	1.08	2.3	2.0	1.5	60.6	<0.05	<0.05	5.8
32756 Dup		9.4	148	8.3	27.9	<0.002	0.151	1.06	2.3	2.2	1.6	60.8	<0.05	<0.05	6.1
QCV1111-01552-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS92-4A expected				9.8			0.310	1.16		3.8	10.6				
STD-OREAS92-4A result		41.0	685	10.0	211.9	0.004	0.304	1.20	13.6	5.5	49.5	37.2	1.05	<0.05	17.5
32774	Core	26.1	222	61.3	88.7	<0.002	1.624	3.23	6.2	1.9	2.3	73.6	0.10	<0.05	10.9
32774 Dup		26.7	248	63.3	90.9	<0.002	1.742	3.25	6.4	1.1	2.6	73.0	0.10	<0.05	11.6
QCV1111-01552-0011-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		44.2		29.2	190.4	0.002	1.403	2.41	12.7	13.9	22.8	36.1	0.92	<0.05	16.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32720	Core	0.013	0.23	0.7	23	1.2	2.5	622	21.3
32720 Dup		0.015	0.23	0.9	24	1.4	2.8	651	25.1
QCV1111-01552-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected								88	
STD-OREAS92-4A result				3.7		2.8	24.3	94	121.4
32738	Core	0.082	1.20	4.6	139	3.3	7.5	110	95.9
32738 Dup		0.082	1.23	4.4	141	3.1	7.9	108	98.2
QCV1111-01552-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.90	3.5			24.4	174	127.0
32756	Core	0.014	0.14	0.9	26	2.3	3.1	43	36.6
32756 Dup		0.015	0.17	0.9	27	2.4	3.0	44	32.4
QCV1111-01552-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected								88	
STD-OREAS92-4A result				3.3		2.7	26.2	87	117.6
32774	Core	0.038	0.45	2.0	63	3.9	5.5	90	73.3
32774 Dup		0.043	0.48	2.2	65	4.5	5.8	95	76.1
QCV1111-01552-0011-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.83	3.1			26.1	168	118.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 72**
Client Reference: **Core 72**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/29/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	37	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By

Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32775	Core	0.170	0.30	1.91	1664.1	84	0.54	0.05	0.29	1.22	15.50	4.3	197	1.22	15.8
32776	Core	<0.005	0.19	0.06	3.6	17	<0.05	0.06	>10	0.06	1.10	1.1	8	0.19	4.1
32777	Core	0.340	0.49	2.92	1152.0	175	0.79	0.56	0.25	2.38	12.87	4.3	194	2.05	88.4
32778	Reject	0.055	0.12	2.14	856.6	96	0.46	0.13	0.45	0.67	19.58	4.4	187	1.26	30.1
32779	Pulp	7.873	0.45	3.34	915.0	161	0.71	0.70	>10	4.10	28.49	6.8	98	6.75	38.2
32780	Reject	0.064	0.29	2.30	1128.6	108	0.40	0.15	0.43	0.68	26.22	4.1	186	1.38	24.4
32781	Core	0.184	0.24	4.00	1395.4	259	1.18	0.21	0.04	1.14	32.55	5.6	203	3.79	20.6
32782	Core	0.017	0.09	5.73	187.8	316	1.62	0.17	0.14	1.35	27.34	12.1	190	2.93	27.2
32783	Core	0.075	0.12	9.45	128.0	524	1.94	0.21	0.18	0.12	23.71	15.7	157	5.06	37.1
32784	Core	0.010	0.08	6.00	31.1	328	1.67	0.14	0.26	0.05	34.98	9.8	169	3.31	29.4
32785	Core	0.009	0.12	>10	35.6	782	3.71	0.40	0.21	0.06	48.00	21.0	106	7.53	57.2
32786	Core	0.140	0.13	6.73	636.5	377	1.90	0.19	0.72	0.10	11.45	10.3	188	3.60	26.5
32787	Core	0.478	0.16	5.50	828.9	319	1.36	0.22	0.76	0.23	22.30	9.2	191	3.25	29.9
32788	Core	0.857	0.69	>10	111.1	835	3.28	0.46	0.25	0.11	58.84	19.8	142	7.89	70.9
32789	Core	0.006	0.18	6.36	19.2	377	1.74	0.22	0.45	0.03	38.89	11.0	169	3.62	32.9
32790	Core	0.007	0.15	4.27	25.9	219	0.83	0.17	1.01	0.04	25.96	9.5	195	2.34	24.1
32791	Core	0.088	0.23	9.96	149.9	613	2.23	0.36	0.67	0.02	37.29	16.9	156	5.74	59.3
32792	Core	0.006	0.11	>10	22.3	670	2.12	0.30	0.18	0.03	56.08	16.1	123	6.47	52.4
32793	Core	<0.005	0.10	>10	12.4	683	2.35	0.43	1.43	0.03	18.15	15.6	108	6.29	48.1
32794	Core	0.009	0.12	>10	30.4	754	2.80	0.42	1.00	0.13	25.57	21.8	156	7.89	58.0
32795	Core	0.083	0.24	>10	59.1	912	3.34	0.62	0.34	0.11	49.94	23.8	119	11.77	63.8
32796	Core	0.044	0.18	>10	55.7	804	3.64	0.53	0.71	0.17	46.75	23.0	179	10.42	70.8
32797	Core	<0.005	0.12	>10	35.3	791	3.23	0.54	0.51	0.07	30.19	20.8	127	9.11	68.0
32798	Core	<0.005	0.21	>10	34.6	843	3.80	0.56	0.32	0.10	32.94	22.7	103	9.80	61.7
32799	Core	<0.005	0.22	9.75	23.6	690	2.50	0.38	0.96	0.07	42.79	20.8	142	7.64	58.7
32800	Core	<0.005	0.12	>10	17.8	926	3.63	0.45	0.31	0.12	31.31	19.3	130	10.22	57.3
32801	Core	<0.005	0.41	>10	27.0	734	2.57	0.46	1.84	0.12	11.92	19.2	141	7.31	57.1
32802	Core	0.012	0.12	>10	63.0	725	2.73	0.48	1.77	0.09	15.10	23.5	108	8.10	65.3
32803	Core	0.088	0.17	>10	65.6	722	2.77	0.47	1.03	0.07	36.94	20.0	110	8.55	64.2
32804	Core	0.718	0.40	>10	2134.7	806	3.67	0.58	0.44	0.14	35.52	20.4	170	9.58	67.5
32805	Core	0.027	0.14	>10	54.4	886	3.45	0.46	0.20	0.05	31.41	25.6	136	8.96	69.2
32806	Core	0.007	0.13	>10	27.4	781	3.44	0.40	0.20	0.04	41.10	21.7	128	7.90	59.6
32807	Core	<0.005	0.10	7.18	20.2	430	2.21	0.26	0.57	0.03	28.57	14.3	184	4.39	37.6
32808	Core	0.009	0.14	9.79	30.4	589	2.58	0.30	0.32	0.04	31.09	16.5	193	5.97	48.6
32809	Core	0.008	0.14	4.10	15.6	195	0.93	0.12	0.54	0.03	20.28	6.8	204	2.19	20.0
32810	Core	0.008	0.08	6.36	19.6	365	1.55	0.19	0.35	0.10	22.74	10.8	215	3.76	44.7
32811	Core	0.009	0.09	7.45	26.2	491	2.03	0.23	0.19	0.05	31.70	13.6	198	4.41	35.1
32812	Core	0.108	0.07	3.54	141.8	195	0.90	0.09	0.10	0.11	16.50	5.9	197	1.81	21.2
32813	Core	0.020	0.09	1.06	661.0	18	0.18	0.04	0.61	0.73	17.46	2.2	172	0.36	13.4
32814	Reject	0.016	0.23	0.99	771.3	28	0.15	0.04	0.06	0.21	14.47	4.2	243	0.48	15.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
32815	Reject	0.013	0.11	1.05	433.5	29	0.29	0.05	0.07	0.12	17.35	4.0	245	0.51	14.4
32816	Core	<0.005	0.23	0.06	<0.2	22	0.08	0.02	>10	0.08	1.23	1.2	6	0.27	5.5

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32775	Core	1.19	4.72	1.25	0.9	0.03	0.68	7.5	7.4	0.17	292	0.49	0.03	0.6	10.7
32776	Core	0.50	0.32	<0.05	<0.1	0.01	0.02	0.7	0.7	>10	230	0.09	<0.01	0.3	1.3
32777	Core	1.60	7.87	1.43	0.9	0.09	1.15	6.2	6.7	0.18	334	0.63	0.05	0.6	10.5
32778	Reject	1.16	4.65	1.08	1.0	0.03	0.77	9.2	9.1	0.21	601	0.43	0.03	0.6	8.1
32779	Pulp	1.34	6.66	0.41	2.4	0.06	1.23	17.9	7.9	0.79	280	12.12	<0.01	7.0	67.6
32780	Reject	1.20	4.85	1.17	4.5	0.03	0.88	12.1	6.6	0.22	605	0.49	0.03	1.3	9.1
32781	Core	1.70	9.85	1.41	2.5	0.05	1.40	16.3	11.7	0.12	58	0.66	0.07	1.7	11.9
32782	Core	3.00	12.82	0.93	2.3	0.04	1.53	14.3	14.9	0.24	758	0.58	0.09	1.6	24.0
32783	Core	4.00	22.08	1.06	3.5	0.06	2.57	12.6	12.4	0.47	901	0.75	0.16	2.4	33.4
32784	Core	3.73	13.35	0.95	2.1	0.04	1.43	19.0	19.9	0.46	545	0.51	0.11	1.5	27.6
32785	Core	5.00	29.38	1.16	3.6	0.08	3.25	27.6	40.2	0.69	383	0.47	0.28	2.8	49.5
32786	Core	3.69	17.63	1.09	2.1	0.04	1.78	6.3	18.1	0.61	688	0.48	0.12	1.0	27.3
32787	Core	3.19	12.84	1.00	1.8	0.03	1.35	12.0	29.0	0.55	664	0.47	0.10	1.2	22.9
32788	Core	4.73	28.78	1.33	3.2	0.08	3.61	33.3	36.8	0.69	380	0.49	0.28	2.5	46.1
32789	Core	3.38	15.15	0.96	2.2	0.04	1.58	21.3	21.8	0.59	736	0.47	0.13	1.6	22.5
32790	Core	2.36	9.19	0.88	1.7	0.02	0.91	13.3	13.5	0.60	1030	0.49	0.13	1.0	16.7
32791	Core	4.48	21.69	1.28	3.1	0.06	2.53	20.2	30.7	1.04	689	0.48	0.22	2.0	37.0
32792	Core	5.02	21.55	1.21	3.0	0.06	2.67	31.1	44.2	0.96	474	0.44	0.27	2.2	37.0
32793	Core	4.54	22.66	1.39	2.5	0.06	2.55	9.2	47.9	0.92	680	0.45	0.28	1.4	41.0
32794	Core	4.90	23.18	1.18	2.5	0.07	2.71	14.1	32.4	1.20	915	1.35	0.33	2.3	46.4
32795	Core	4.76	27.50	1.52	3.1	0.08	3.15	28.0	80.7	0.80	604	1.36	0.43	3.3	50.2
32796	Core	4.80	26.28	1.50	2.7	0.07	2.82	25.9	97.7	0.76	808	1.97	0.48	2.6	50.2
32797	Core	4.81	26.95	1.44	2.8	0.08	2.80	16.6	45.8	1.05	771	1.00	0.47	2.9	48.1
32798	Core	5.08	29.66	1.52	3.0	0.08	2.60	18.7	42.5	0.85	435	1.07	0.43	2.4	52.3
32799	Core	4.19	23.84	1.44	2.3	0.06	2.27	23.6	46.1	1.05	549	1.36	0.37	2.1	44.9
32800	Core	4.22	30.44	1.29	2.7	0.08	3.22	18.0	67.2	1.05	280	0.99	0.51	3.1	46.9
32801	Core	4.81	23.51	1.32	2.2	0.07	2.65	6.8	54.2	1.38	1277	0.94	0.34	1.8	39.7
32802	Core	6.42	24.11	1.27	2.4	0.07	2.81	8.4	49.1	1.44	1542	1.28	0.31	1.7	51.5
32803	Core	4.86	23.05	1.63	2.6	0.06	2.64	19.8	49.1	1.19	842	0.81	0.30	2.8	43.9
32804	Core	4.93	31.31	1.79	3.2	0.08	3.26	19.2	47.3	1.15	351	0.82	0.26	3.0	47.6
32805	Core	5.15	33.24	1.86	3.8	0.09	3.53	17.3	68.5	1.24	293	0.74	0.28	3.2	49.8
32806	Core	5.22	30.29	1.63	3.3	0.07	3.14	22.1	73.4	1.25	324	0.72	0.27	3.9	49.2
32807	Core	3.88	17.92	1.32	2.6	0.05	1.69	14.1	49.6	0.98	507	0.59	0.39	2.2	34.4
32808	Core	3.71	22.93	1.35	2.9	0.06	2.85	16.0	46.7	0.94	367	0.77	0.38	2.6	38.9
32809	Core	2.24	9.19	0.96	1.7	0.02	1.02	9.0	21.8	0.56	404	0.50	0.47	1.1	16.8
32810	Core	3.01	15.01	1.07	2.1	0.04	1.77	11.4	25.4	0.59	444	0.58	0.14	1.7	26.5
32811	Core	2.77	19.33	1.15	3.0	0.04	2.13	15.6	21.2	0.37	388	0.56	0.12	2.4	27.1
32812	Core	1.91	9.61	1.04	1.5	0.02	0.84	7.5	8.1	0.22	338	0.53	0.05	0.7	16.3
32813	Core	0.78	2.04	0.70	0.7	0.02	0.08	7.1	5.7	0.05	232	1.83	<0.01	0.3	6.1
32814	Reject	0.74	2.40	0.94	4.4	0.01	0.14	5.9	4.7	0.05	161	0.73	0.01	0.7	8.0

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32815	Reject	0.75	2.59	1.02	1.7	0.01	0.14	7.0	4.8	0.05	169	0.78	0.01	0.9	7.8
32816	Core	0.48	0.41	<0.05	0.8	<0.01	0.02	0.8	1.0	>10	230	0.29	<0.01	1.2	2.4

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32775	Core	87	85.0	40.2	<0.002	0.859	2.02	1.9	2.2	<0.2	25.8	<0.05	<0.05	5.8	0.019
32776	Core	232	2.8	0.9	0.002	<0.01	<0.05	0.3	1.9	0.3	46.1	0.16	<0.05	0.3	<0.005
32777	Core	201	114.8	70.1	<0.002	1.426	1.62	3.1	2.0	<0.2	24.7	0.06	<0.05	7.8	0.023
32778	Reject	180	37.9	40.2	<0.002	0.613	1.23	2.0	1.2	<0.2	22.4	<0.05	<0.05	7.2	0.018
32779	Pulp	4167	5.5	104.4	0.041	1.172	16.95	5.7	9.6	<0.2	133.9	0.46	0.44	6.5	0.195
32780	Reject	195	31.7	43.8	<0.002	0.741	1.40	2.2	<1.0	5.9	21.0	0.12	<0.05	8.2	0.025
32781	Core	174	50.8	76.4	<0.002	0.833	3.87	5.2	1.6	<0.2	28.1	0.20	<0.05	12.8	0.048
32782	Core	212	12.1	86.2	<0.002	0.315	1.30	7.7	1.0	<0.2	31.6	0.19	<0.05	11.3	0.051
32783	Core	242	20.0	147.4	<0.002	0.619	1.64	13.5	1.1	<0.2	54.6	0.25	<0.05	15.7	0.085
32784	Core	199	15.0	85.6	<0.002	0.135	0.79	8.7	1.3	<0.2	51.1	0.14	<0.05	11.7	0.049
32785	Core	466	15.1	203.4	<0.002	0.259	1.49	18.6	1.9	<0.2	102.6	0.31	<0.05	18.2	0.097
32786	Core	214	38.3	101.9	<0.002	0.424	1.23	8.8	1.1	<0.2	85.0	0.11	<0.05	11.2	0.039
32787	Core	260	53.0	81.9	<0.002	0.237	1.34	7.5	1.6	<0.2	92.1	0.10	<0.05	10.0	0.043
32788	Core	575	41.1	206.9	<0.002	0.379	1.29	17.6	1.3	<0.2	173.3	0.26	<0.05	17.8	0.108
32789	Core	199	17.8	91.7	<0.002	0.064	0.50	8.1	<1.0	<0.2	71.2	0.15	<0.05	12.4	0.058
32790	Core	170	15.3	53.6	<0.002	0.123	0.74	5.4	1.6	<0.2	78.6	0.10	<0.05	8.1	0.037
32791	Core	239	4.8	137.4	<0.002	0.111	0.81	12.9	<1.0	<0.2	135.3	0.19	<0.05	15.3	0.079
32792	Core	345	4.3	155.2	<0.002	0.134	0.77	14.9	1.5	<0.2	111.2	0.24	<0.05	16.2	0.093
32793	Core	5185	4.8	153.7	<0.002	0.232	0.68	15.5	1.2	<0.2	254.5	0.15	0.08	12.9	0.061
32794	Core	243	28.1	172.6	0.002	1.653	3.83	15.7	1.8	<0.2	213.9	0.21	0.05	12.2	0.088
32795	Core	261	44.0	229.1	<0.002	2.629	7.51	19.5	2.4	7.3	213.3	0.26	0.25	15.2	0.113
32796	Core	237	43.7	190.6	0.003	2.790	7.46	17.8	2.5	3.5	239.9	0.22	0.23	13.6	0.097
32797	Core	355	33.8	184.4	<0.002	2.302	5.91	18.4	2.6	<0.2	189.9	0.23	0.18	13.6	0.097
32798	Core	260	34.2	204.1	<0.002	2.436	3.84	19.1	2.3	<0.2	183.6	0.22	0.11	14.3	0.090
32799	Core	202	29.4	159.3	<0.002	1.886	2.48	16.4	2.7	0.9	192.6	0.18	0.13	12.1	0.075
32800	Core	218	25.2	222.4	<0.002	1.650	2.41	20.1	2.8	<0.2	222.4	0.26	0.11	13.8	0.122
32801	Core	150	27.0	171.8	<0.002	1.706	4.37	15.0	2.4	<0.2	195.7	0.16	0.13	11.4	0.075
32802	Core	143	49.6	183.2	<0.002	3.387	8.94	16.6	2.2	3.0	199.0	0.16	0.08	11.9	0.077
32803	Core	1053	35.2	190.3	0.002	1.964	7.59	16.5	2.2	<0.2	183.0	0.25	0.08	12.9	0.110
32804	Core	243	207.7	215.3	<0.002	1.156	5.37	19.3	3.0	<0.2	131.2	0.25	0.06	14.5	0.115
32805	Core	296	13.1	244.9	0.002	0.454	2.21	20.5	2.5	<0.2	126.4	0.30	<0.05	16.8	0.123
32806	Core	289	20.5	223.2	0.003	0.400	2.06	18.7	2.4	<0.2	117.0	0.31	<0.05	15.4	0.136
32807	Core	60	29.8	121.3	<0.002	0.222	1.45	11.0	2.5	<0.2	94.1	0.19	<0.05	13.4	0.071
32808	Core	89	16.5	168.3	<0.002	0.304	1.88	14.0	2.6	<0.2	99.5	0.22	<0.05	13.8	0.095
32809	Core	<10	10.3	55.8	<0.002	0.137	0.85	5.0	1.4	<0.2	53.1	0.08	<0.05	9.1	0.036
32810	Core	55	16.4	108.8	<0.002	0.179	1.31	9.1	2.0	0.4	56.4	0.15	<0.05	10.1	0.061
32811	Core	336	13.3	140.3	<0.002	0.221	1.56	11.6	2.2	<0.2	61.4	0.19	<0.05	13.4	0.082
32812	Core	<10	12.0	57.9	<0.002	0.192	0.78	4.6	2.2	<0.2	19.8	0.06	<0.05	8.2	0.026
32813	Core	<10	44.7	5.4	0.004	0.217	0.99	1.0	3.1	1.0	6.9	<0.05	<0.05	4.4	0.007
32814	Reject	53	23.6	8.6	<0.002	0.172	1.05	1.4	1.8	0.2	8.1	0.07	<0.05	5.0	0.010

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32815	Reject	115	14.1	9.2	<0.002	0.177	0.84	1.4	3.7	<0.2	8.7	0.08	<0.05	4.8	0.013
32816	Core	94	1.8	1.4	<0.002	<0.01	<0.05	0.5	2.8	0.3	51.6	0.25	<0.05	0.8	<0.005

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32775	Core	0.17	0.7	22	1.8	2.0	82	26.8
32776	Core	<0.02	0.5	288	0.2	0.7	17	0.7
32777	Core	0.34	1.1	33	36.7	2.5	143	30.3
32778	Reject	0.19	1.1	23	1.8	2.8	45	29.9
32779	Pulp	13.27	8.2	431	39.9	21.6	242	70.5
32780	Reject	0.17	1.0	26	1.6	2.9	47	33.9
32781	Core	0.37	2.0	47	4.9	4.2	77	55.2
32782	Core	0.48	2.3	65	6.3	4.8	115	55.7
32783	Core	0.78	3.0	116	7.2	6.6	81	92.0
32784	Core	0.44	2.2	69	3.8	4.4	75	57.0
32785	Core	1.08	4.7	137	3.2	7.1	110	100.1
32786	Core	0.57	2.2	87	3.1	4.6	82	58.9
32787	Core	0.46	1.9	67	2.1	3.9	70	47.7
32788	Core	1.08	4.1	144	3.8	6.8	140	83.8
32789	Core	0.46	2.2	79	1.7	5.0	61	68.3
32790	Core	0.27	1.5	55	1.1	3.7	39	46.2
32791	Core	0.82	3.4	128	3.7	5.7	93	82.6
32792	Core	0.86	4.1	136	2.6	5.8	109	76.9
32793	Core	0.78	4.3	132	2.2	11.7	108	73.3
32794	Core	0.87	3.2	132	2.5	5.4	99	68.5
32795	Core	1.19	3.9	139	3.8	5.8	105	87.2
32796	Core	0.96	3.7	134	2.9	5.3	109	79.9
32797	Core	1.05	3.9	136	1.6	5.3	110	79.5
32798	Core	1.09	4.1	140	1.9	5.4	110	83.3
32799	Core	0.80	3.1	121	1.3	5.0	92	76.6
32800	Core	1.06	3.8	156	1.2	5.1	119	80.1
32801	Core	0.92	3.0	139	0.8	4.7	98	60.1
32802	Core	1.04	3.5	147	0.9	5.0	103	66.9
32803	Core	1.01	3.9	141	1.8	6.6	107	74.1
32804	Core	1.11	4.2	163	4.3	6.1	118	90.1
32805	Core	1.26	4.9	188	2.2	6.8	116	104.3
32806	Core	1.05	4.3	178	0.8	7.2	115	105.5
32807	Core	0.62	3.0	104	0.5	5.3	79	72.9
32808	Core	0.85	3.6	132	0.8	6.0	85	90.1
32809	Core	0.28	1.6	54	0.4	3.3	40	47.3
32810	Core	0.57	2.7	86	1.0	4.4	72	59.8
32811	Core	0.70	3.4	96	2.4	6.5	63	86.6
32812	Core	0.27	1.4	44	1.2	3.1	34	48.3
32813	Core	0.04	0.7	9	0.6	1.9	50	18.7
32814	Reject	0.05	0.8	11	0.7	1.9	24	22.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32815	Reject	0.04	1.1	12	0.9	2.3	19	27.5
32816	Core	<0.02	0.6	286	0.2	0.9	16	1.5

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32775	Core		0.30	1.91	1664.1	84	0.54	0.05	0.29	1.22	15.50	4.3	197	1.22	15.8
32775 Dup			0.17	1.97	1689.4	80	0.52	0.05	0.29	1.13	17.26	3.9	174	1.18	15.8
QCV1111-01536-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.81	6.1	435	3.13	2.37	0.60	0.05	81.04	15.9		6.98	2288.5
32793	Core		0.10	>10	12.4	683	2.35	0.43	1.43	0.03	18.15	15.6	108	6.29	48.1
32793 Dup			0.07	>10	14.5	670	2.55	0.43	1.45	0.03	17.62	16.5	110	6.09	52.2
QCV1111-01536-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.93	8.00	6.5	433	2.69	2.43	0.61	0.03	86.31	16.3		7.09	2374.3
32811	Core		0.09	7.45	26.2	491	2.03	0.23	0.19	0.05	31.70	13.6	198	4.41	35.1
32811 Dup			0.08	8.01	26.8	453	2.21	0.22	0.19	0.04	25.14	13.6	185	4.13	33.3
QCV1111-01536-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.75	8.26	5.7	452	3.04	2.30	0.59	0.04	88.52	16.4		7.22	2484.9
32775	Core	0.170													
32775 Dup		0.171													
32793	Core	<0.005													
32793 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.965													
QCV1111-01537-0004-BLK		<0.005													
32811	Core	0.009													
32811 Dup		0.010													
QCV1111-01537-0006-BLK		<0.005													

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11-360-08424-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32775	Core	1.19	4.72	1.25	0.9	0.03	0.68	7.5	7.4	0.17	292	0.49	0.03	0.6	10.7
32775 Dup		1.21	4.77	1.32	1.0	0.03	0.71	8.4	7.1	0.18	299	0.45	0.03	0.6	10.2
QCV1111-01536-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.70	19.23		4.0	0.32		41.1	22.6	1.59		0.35	0.44	14.3	37.8
32793	Core	4.54	22.66	1.39	2.5	0.06	2.55	9.2	47.9	0.92	680	0.45	0.28	1.4	41.0
32793 Dup		4.54	22.32	1.41	2.6	0.06	2.45	8.7	46.4	0.90	684	0.45	0.27	1.8	41.5
QCV1111-01536-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.79	20.07		4.1	0.34		42.4	25.0	1.63		0.39	0.45	14.1	40.8
32811	Core	2.77	19.33	1.15	3.0	0.04	2.13	15.6	21.2	0.37	388	0.56	0.12	2.4	27.1
32811 Dup		2.83	19.04	1.04	2.5	0.05	2.35	12.0	20.3	0.39	396	0.49	0.14	1.5	29.1
QCV1111-01536-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.59	20.29		4.1	0.34		43.5	26.2	1.70		0.37	0.50	14.0	38.2

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32775	Core	87	85.0	40.2	<0.002	0.859	2.02	1.9	2.2	<0.2	25.8	<0.05	<0.05	5.8	0.019
32775 Dup		98	79.4	38.8	<0.002	0.887	1.90	1.9	1.2	<0.2	23.8	<0.05	<0.05	6.6	0.019
QCV1111-01536-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8				1.16								
STD-OREAS92-4A result		753	10.2	206.5	0.003		1.11	14.1			37.4	1.01	<0.05	16.7	
32793	Core	5185	4.8	153.7	<0.002	0.232	0.68	15.5	1.2	<0.2	254.5	0.15	0.08	12.9	0.061
32793 Dup		5208	4.5	154.1	<0.002	0.223	0.70	15.0	1.9	<0.2	253.2	0.16	0.05	12.6	0.068
QCV1111-01536-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8				1.16								
STD-OREAS92-4A result		704	9.4	223.5	0.004		1.13	14.6			39.7	1.00	<0.05	17.2	
32811	Core	336	13.3	140.3	<0.002	0.221	1.56	11.6	2.2	<0.2	61.4	0.19	<0.05	13.4	0.082
32811 Dup		326	14.2	141.6	<0.002	0.223	1.56	10.5	1.5	<0.2	59.3	0.11	<0.05	12.0	0.059
QCV1111-01536-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8				1.16								
STD-OREAS92-4A result		690	9.7	220.5	<0.002		1.10	14.9			39.7	0.91	<0.05	16.1	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32775	Core	0.17	0.7	22	1.8	2.0	82	26.8
32775 Dup		0.18	0.8	22	2.1	2.1	85	26.8
QCV1111-01536-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.2		2.5	24.2	90	120.4
32793	Core	0.78	4.3	132	2.2	11.7	108	73.3
32793 Dup		0.80	4.5	132	2.2	11.6	107	73.4
QCV1111-01536-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.3		2.5	25.4	95	124.5
32811	Core	0.70	3.4	96	2.4	6.5	63	86.6
32811 Dup		0.65	3.0	98	1.9	5.8	64	76.5
QCV1111-01536-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.1		2.2	24.7	92	116.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 73**
Client Reference: **Core 73**
Description: **3 ACE**

Date Received: 11/16/2011
Date Completed: 11/30/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	38	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31248	Core	0.055	0.18	>10	48.9	799	3.27	0.54	0.52	0.04	45.31	20.5	109	8.76	48.0
31249	Core	0.026	0.24	>10	41.0	771	3.49	0.52	0.30	0.05	35.65	19.0	100	8.74	47.7
31250	Core	<0.005	0.12	>10	27.9	875	3.75	0.41	0.14	0.07	59.49	19.1	87	8.26	52.7
31251	Core	<0.005	0.10	>10	21.2	801	3.75	0.39	0.11	0.07	40.64	19.4	74	7.52	49.5
31252	Core	<0.005	0.65	>10	16.3	656	2.68	0.35	0.10	0.02	59.14	18.7	66	5.85	42.3
31253	Core	<0.005	0.14	>10	15.8	765	3.21	0.37	0.09	0.09	25.20	19.4	84	7.07	51.1
31254	Core	<0.005	0.06	3.54	3.8	125	0.49	0.07	1.15	<0.02	41.39	3.8	155	1.38	11.9
31255	Core	0.006	0.13	>10	17.7	846	3.52	0.46	0.05	0.07	59.60	20.8	81	7.92	54.0
31256	Core	<0.005	0.18	>10	15.6	745	2.91	0.45	0.06	0.07	66.68	19.8	82	6.56	54.1
31257	Core	<0.005	0.15	>10	16.8	768	3.06	0.46	0.05	0.08	69.47	20.7	74	7.04	51.1
31258	Core	<0.005	0.13	>10	15.0	794	3.87	0.42	0.19	0.08	43.45	19.2	62	7.48	51.5
31259	Core	<0.005	0.48	>10	16.3	800	3.92	0.47	0.19	0.08	56.89	19.3	66	7.17	56.3
31260	Core	<0.005	0.21	>10	16.6	852	3.51	0.44	0.07	0.09	38.66	22.2	77	7.99	47.7
31261	Core	<0.005	0.14	>10	16.0	819	3.55	0.41	0.08	0.09	40.70	21.5	73	7.75	54.9
31262	Reject	<0.005	0.13	>10	16.6	837	3.38	0.41	0.14	0.08	54.51	21.0	75	7.36	48.1
31263	Pulp	8.435	0.45	3.63	850.6	170	0.81	0.73	8.68	4.14	32.42	6.3	70	7.16	35.6
31264	Reject	0.005	0.17	>10	14.1	862	2.96	0.37	0.23	0.09	66.45	20.0	81	7.44	53.1
31265	Core	<0.005	0.97	>10	13.9	794	3.17	0.42	0.12	0.07	72.57	18.5	82	7.09	51.2
31266	Core	<0.005	0.15	>10	14.3	788	2.92	0.43	0.06	0.08	56.10	19.3	74	6.85	48.7
31267	Core	<0.005	0.12	>10	17.0	811	3.70	0.45	0.15	0.07	49.51	20.8	86	7.18	46.4
31268	Core	<0.005	0.14	>10	20.9	724	3.04	0.46	0.12	0.06	72.05	20.8	85	6.34	45.5
31269	Core	<0.005	0.14	>10	24.5	759	3.04	0.47	0.14	0.06	52.09	22.1	94	6.88	53.6
31270	Core	0.023	0.11	>10	149.1	806	2.64	0.40	0.18	0.06	87.02	18.8	128	6.12	44.7
31271	Core	0.035	0.51	>10	29.6	643	2.86	0.33	0.13	0.03	63.84	17.6	153	5.66	53.1
31272	Core	0.032	0.13	>10	31.4	730	2.81	0.42	0.16	0.03	69.15	19.9	148	6.01	39.9
31273	Core	0.028	4.13	8.71	29.5	576	2.63	0.33	0.14	0.06	51.93	15.5	137	4.90	44.1
31274	Core	0.022	0.44	>10	28.1	822	3.97	0.46	0.08	0.06	80.42	21.7	107	7.51	46.6
31275	Core	0.039	0.18	>10	45.3	895	4.62	0.51	0.10	0.06	47.24	23.2	102	7.86	51.6
31276	Core	0.030	0.28	>10	28.2	757	3.55	0.47	0.11	0.05	68.47	19.3	145	6.71	46.7
31277	Core	0.047	0.21	>10	42.6	768	3.33	0.43	0.11	0.05	64.63	21.5	134	6.93	44.0
31278	Core	0.021	0.34	8.94	26.6	673	3.03	0.37	0.35	0.09	60.59	15.1	213	6.21	41.9
31279	Core	0.026	0.13	7.17	16.6	522	2.40	0.24	0.66	<0.02	63.03	11.5	261	4.55	33.6
31280	Core	0.011	0.19	9.52	28.2	666	2.86	0.37	0.27	0.02	53.29	19.2	156	6.16	44.7
31281	Core	<0.005	0.12	>10	23.9	793	3.74	0.36	0.35	0.10	69.59	18.7	141	7.65	47.8
31282	Core	<0.005	0.21	>10	24.2	691	2.88	0.31	0.32	0.04	29.53	19.3	121	6.66	46.5
31283	Core	<0.005	0.12	>10	23.9	827	3.26	0.39	0.30	0.08	43.81	18.8	103	7.60	49.8
31284	Core	0.015	0.14	>10	27.8	722	3.25	0.28	0.54	0.10	35.97	14.9	121	6.73	42.1
31285	Core	0.048	0.24	>10	41.6	790	3.82	0.48	0.89	0.05	47.74	22.4	96	10.73	43.5
31286	Core	0.026	0.19	>10	33.2	928	4.44	0.40	0.20	0.09	39.28	21.4	114	9.28	45.5
31287	Core	0.009	0.11	6.50	12.6	435	2.08	0.17	0.42	0.03	44.99	9.7	225	4.20	50.5

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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
31288	Core	0.013	0.12	>10	5.5	674	2.95	0.39	0.26	0.03	45.80	19.6	121	6.39	45.3

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#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31248	Core	3.63	26.01	1.26	3.1	0.08	5.18	23.6	60.4	1.06	398	1.47	0.43	2.6	40.5
31249	Core	4.03	24.34	1.30	2.6	0.08	5.19	18.8	37.8	1.04	443	0.96	0.41	2.2	46.0
31250	Core	3.27	27.97	1.54	2.4	0.08	5.27	29.9	54.6	0.98	288	0.55	0.47	2.6	50.6
31251	Core	3.44	27.81	1.30	2.7	0.07	5.44	22.1	62.5	1.16	264	0.58	0.54	2.4	45.2
31252	Core	3.72	23.18	1.44	3.3	0.06	4.30	31.2	78.2	1.27	272	0.46	0.45	2.5	42.2
31253	Core	3.27	26.72	1.28	3.0	0.07	4.98	13.4	70.0	1.16	234	0.75	0.61	3.0	42.9
31254	Core	2.51	7.71	0.85	1.5	0.02	0.43	18.9	36.5	0.64	1000	0.41	0.92	1.3	11.6
31255	Core	3.54	27.54	1.39	3.2	0.08	5.53	32.4	69.7	1.08	231	0.97	0.64	3.2	46.0
31256	Core	4.04	25.94	1.41	3.3	0.08	4.61	34.5	91.2	1.23	281	0.81	0.52	2.9	52.1
31257	Core	3.87	25.86	1.42	3.3	0.08	4.82	36.2	79.4	1.17	272	0.85	0.55	2.9	46.6
31258	Core	3.88	25.41	1.23	2.7	0.08	4.50	23.0	54.0	1.14	323	0.84	0.52	2.7	43.7
31259	Core	3.73	27.47	1.36	2.7	0.08	4.92	30.0	67.7	1.15	291	0.86	0.56	2.4	44.6
31260	Core	3.68	27.56	1.39	2.7	0.08	4.82	21.0	77.1	1.05	280	0.68	0.54	2.3	45.7
31261	Core	4.00	28.58	1.42	2.7	0.08	4.70	22.2	96.9	1.22	327	0.88	0.52	3.0	48.2
31262	Reject	3.60	26.27	1.31	3.0	0.07	4.35	28.8	76.5	1.11	287	1.04	0.50	3.6	43.3
31263	Pulp	1.04	6.39	0.21	2.2	0.06	1.69	19.1	9.6	0.76	231	11.50	<0.01	7.2	62.9
31264	Reject	3.87	26.06	1.38	2.9	0.08	4.20	34.2	72.1	1.18	316	1.14	0.48	3.4	47.3
31265	Core	3.99	27.47	1.49	3.1	0.08	4.12	37.0	89.7	1.19	353	0.94	0.47	3.5	47.4
31266	Core	4.03	26.27	1.46	2.9	0.08	4.27	28.7	77.8	1.15	311	0.74	0.49	3.7	44.3
31267	Core	4.20	27.28	1.42	2.8	0.08	3.95	26.0	83.4	1.14	367	0.99	0.47	3.0	48.3
31268	Core	4.63	26.11	1.49	3.5	0.08	3.53	37.0	92.1	1.26	366	0.63	0.38	3.3	46.5
31269	Core	4.13	25.18	1.37	3.3	0.08	3.59	27.7	76.8	1.11	338	0.79	0.38	3.5	45.1
31270	Core	4.40	23.78	1.37	3.1	0.07	3.22	47.8	78.3	1.16	391	0.69	0.29	2.5	42.0
31271	Core	4.38	24.03	1.42	3.4	0.06	3.18	32.7	66.1	1.21	339	0.84	0.38	2.8	46.2
31272	Core	3.94	23.06	1.32	2.8	0.07	3.16	35.5	57.2	1.02	308	0.74	0.27	2.3	41.5
31273	Core	3.66	19.95	1.43	2.5	0.06	2.49	27.1	61.3	0.76	335	0.70	0.22	2.1	39.7
31274	Core	3.41	28.34	1.53	3.0	0.08	3.71	41.9	65.2	0.66	265	1.03	0.36	2.6	44.1
31275	Core	4.43	29.79	1.37	2.9	0.08	4.38	24.5	51.9	0.85	341	1.00	0.44	2.5	50.1
31276	Core	4.49	25.03	1.35	5.2	0.08	3.37	36.9	52.6	0.98	372	0.84	0.32	3.9	43.5
31277	Core	4.19	24.42	1.45	3.0	0.07	3.24	33.7	54.8	0.77	306	0.93	0.31	2.4	46.4
31278	Core	5.21	22.73	1.31	2.9	0.07	1.83	31.1	50.1	0.62	500	0.68	0.16	2.6	38.0
31279	Core	5.11	18.72	1.29	2.6	0.05	1.32	31.6	53.0	0.81	760	0.62	0.10	2.1	31.8
31280	Core	6.17	24.70	1.50	3.5	0.07	1.82	28.1	77.9	1.06	434	0.54	0.15	2.9	45.2
31281	Core	5.82	25.95	1.52	2.8	0.07	2.15	36.3	76.1	1.11	407	0.48	0.21	2.8	45.2
31282	Core	4.60	23.44	1.44	2.5	0.06	2.82	15.7	74.7	1.20	375	0.70	0.32	2.1	43.1
31283	Core	4.07	25.84	1.43	2.7	0.08	3.13	23.1	72.0	1.12	422	0.64	0.35	2.6	44.9
31284	Core	4.09	22.57	1.31	2.2	0.07	2.89	18.8	66.8	1.10	578	0.65	0.33	2.4	40.4
31285	Core	4.71	25.43	1.33	2.2	0.07	2.83	23.8	64.9	1.19	454	0.61	0.31	2.4	48.8
31286	Core	4.40	29.10	1.49	2.5	0.09	3.57	20.7	67.5	1.05	413	0.58	0.36	2.3	49.1
31287	Core	2.78	15.29	1.45	1.5	0.04	1.73	23.1	53.9	0.78	304	0.66	0.17	1.4	26.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Description	Type	0.01	0.05	0.05	0.1	0.01	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
31288	Core	4.86	24.16	1.52	3.2	0.07	2.71	24.1	78.4	1.23	335	0.50	0.27	2.1	43.8

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31248	Core	194	21.1	211.7	0.003	1.789	4.51	20.3	1.6	2.7	137.0	0.26	<0.05	17.8	0.081
31249	Core	133	36.3	194.6	<0.002	1.708	5.61	19.6	<1.0	2.6	109.7	0.19	<0.05	14.0	0.074
31250	Core	118	24.2	222.1	<0.002	1.373	4.03	21.1	1.7	2.7	112.6	0.24	<0.05	15.4	0.083
31251	Core	249	18.8	203.6	<0.002	0.989	3.14	20.6	1.7	2.6	115.5	0.22	<0.05	15.0	0.080
31252	Core	185	18.3	165.1	0.003	0.638	2.63	16.3	1.3	2.3	97.9	0.24	<0.05	17.4	0.079
31253	Core	159	21.9	192.7	0.002	0.954	4.17	18.0	1.4	2.5	113.1	0.25	<0.05	14.0	0.086
31254	Core	233	3.8	29.3	<0.002	0.091	0.37	4.3	1.4	0.8	66.1	0.10	<0.05	10.1	0.036
31255	Core	234	30.1	215.6	<0.002	1.198	4.77	19.8	1.8	2.7	131.7	0.27	<0.05	16.7	0.097
31256	Core	270	26.0	186.3	0.004	0.887	3.06	19.9	1.8	2.6	111.9	0.25	<0.05	16.9	0.091
31257	Core	240	29.1	197.6	<0.002	1.064	3.68	19.3	2.0	2.7	122.0	0.24	<0.05	17.2	0.089
31258	Core	205	25.3	191.5	<0.002	0.904	3.06	18.3	2.1	2.5	232.0	0.22	<0.05	14.6	0.085
31259	Core	222	26.2	200.9	0.002	0.782	2.86	20.5	1.5	2.5	150.1	0.23	<0.05	14.7	0.077
31260	Core	122	24.7	219.3	0.002	1.086	3.40	20.6	2.2	2.7	141.4	0.24	<0.05	14.1	0.080
31261	Core	220	29.5	207.9	<0.002	0.972	3.40	20.7	2.8	2.7	133.7	0.26	<0.05	13.4	0.093
31262	Reject	444	27.0	191.1	0.005	1.037	2.90	19.7	1.9	2.7	208.5	0.31	<0.05	14.7	0.105
31263	Pulp	3420	6.0	114.7	0.036	1.319	18.42	6.6	9.9	1.7	129.5	0.40	0.18	6.0	0.169
31264	Reject	599	28.6	194.5	0.002	1.030	2.83	19.8	1.8	2.7	260.3	0.27	<0.05	14.3	0.103
31265	Core	272	22.7	193.7	<0.002	0.666	1.67	21.1	2.3	2.7	150.8	0.29	<0.05	16.6	0.107
31266	Core	195	27.6	183.1	0.003	0.931	2.55	19.4	<1.0	2.5	130.2	0.30	<0.05	14.5	0.113
31267	Core	394	35.7	199.2	0.003	1.286	3.65	21.1	2.6	2.6	145.0	0.25	<0.05	13.3	0.095
31268	Core	253	24.7	180.6	0.005	0.952	2.76	19.9	2.2	2.5	120.0	0.29	<0.05	16.3	0.105
31269	Core	189	29.9	190.9	<0.002	0.983	2.86	20.5	2.7	2.5	125.8	0.30	<0.05	15.5	0.107
31270	Core	236	22.8	177.0	0.004	0.721	2.57	21.7	3.4	2.6	114.1	0.21	<0.05	19.4	0.084
31271	Core	195	17.4	162.7	<0.002	0.825	2.41	19.1	2.5	2.5	101.9	0.22	<0.05	15.0	0.090
31272	Core	313	22.5	170.2	<0.002	0.861	2.58	18.4	2.6	2.3	192.3	0.18	<0.05	13.9	0.076
31273	Core	234	20.1	141.3	0.004	0.726	2.02	16.8	2.4	2.5	126.9	0.18	<0.05	12.8	0.067
31274	Core	254	25.5	201.3	0.003	0.898	3.30	22.9	2.6	2.6	168.3	0.22	<0.05	16.8	0.090
31275	Core	352	33.4	230.2	0.003	1.462	5.22	24.3	3.0	2.8	168.1	0.22	<0.05	13.1	0.090
31276	Core	223	24.4	183.7	0.002	0.862	3.56	20.9	1.0	2.7	159.1	0.51	<0.05	17.8	0.085
31277	Core	218	23.3	187.9	<0.002	1.214	4.95	19.9	2.5	2.6	162.5	0.24	<0.05	14.0	0.079
31278	Core	527	21.4	165.6	0.002	0.968	3.80	17.3	2.3	2.2	138.5	0.24	<0.05	14.0	0.106
31279	Core	490	55.9	123.2	0.003	0.513	1.63	13.4	1.4	2.2	122.0	0.17	<0.05	13.0	0.079
31280	Core	440	19.2	170.1	<0.002	0.872	3.16	19.0	3.5	2.4	109.9	0.28	<0.05	16.1	0.109
31281	Core	388	18.4	191.7	<0.002	0.706	2.47	19.9	2.9	2.6	165.1	0.26	<0.05	15.3	0.114
31282	Core	163	17.2	168.4	<0.002	1.321	3.05	17.5	3.5	2.4	169.9	0.20	<0.05	12.1	0.076
31283	Core	193	23.1	197.2	0.004	1.419	3.42	20.3	3.1	2.7	155.9	0.24	<0.05	13.4	0.098
31284	Core	171	20.4	183.4	<0.002	1.669	3.19	19.2	3.6	2.4	148.8	0.20	<0.05	11.5	0.086
31285	Core	300	29.2	187.2	0.005	2.009	5.07	21.0	2.8	2.5	186.5	0.20	<0.05	12.0	0.088
31286	Core	213	24.0	223.3	0.002	1.702	4.56	24.1	2.4	2.8	146.8	0.20	<0.05	12.5	0.097
31287	Core	190	13.6	107.3	<0.002	0.287	1.19	10.8	2.8	1.8	103.8	0.11	<0.05	9.5	0.053

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample Description	Sample Type	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1.0	0.2	0.2	0.05	0.05	0.2	0.005
31288	Core	262	21.0	170.9	0.002	0.712	3.54	18.0	4.7	2.3	118.2	0.20	<0.05	14.3	0.082

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31248	Core	1.17	3.2	128	1.6	6.2	84	88.2
31249	Core	1.15	3.2	122	2.4	5.4	97	78.6
31250	Core	1.25	3.4	127	1.1	4.9	100	73.4
31251	Core	1.19	3.8	136	1.4	5.4	100	81.2
31252	Core	1.00	4.1	129	1.1	6.7	100	93.7
31253	Core	0.99	3.7	125	0.5	6.1	95	99.7
31254	Core	0.14	1.4	51	0.2	4.6	38	50.6
31255	Core	1.20	4.1	144	1.2	6.4	107	97.1
31256	Core	1.00	4.4	142	1.5	6.7	115	99.1
31257	Core	1.08	4.5	145	1.4	6.8	110	95.8
31258	Core	1.05	4.0	136	1.9	5.7	102	83.0
31259	Core	1.14	4.3	142	1.3	5.5	114	80.0
31260	Core	1.19	4.1	148	1.0	5.2	111	80.6
31261	Core	1.06	3.9	148	0.8	5.9	119	85.6
31262	Reject	1.13	4.2	146	0.8	6.5	105	89.0
31263	Pulp	14.05	8.3	355	37.8	24.5	253	76.6
31264	Reject	1.06	3.9	154	0.8	6.9	109	91.0
31265	Core	1.18	4.1	156	0.9	6.3	120	86.6
31266	Core	1.12	4.3	158	0.5	5.4	120	86.8
31267	Core	1.07	3.7	157	0.5	5.9	110	83.0
31268	Core	0.99	4.8	158	0.6	6.7	121	98.7
31269	Core	1.08	4.4	153	0.8	6.6	104	100.6
31270	Core	0.95	4.2	146	1.0	9.4	119	91.6
31271	Core	0.95	4.3	146	1.5	6.1	111	92.7
31272	Core	0.95	3.9	136	1.4	5.8	87	85.0
31273	Core	0.83	3.4	112	1.6	5.3	99	72.7
31274	Core	1.23	4.4	150	1.9	6.2	121	86.6
31275	Core	1.28	4.3	166	2.1	5.6	111	85.0
31276	Core	1.08	4.2	151	1.8	7.2	108	89.7
31277	Core	1.02	4.0	146	1.4	6.1	91	89.5
31278	Core	0.97	3.7	176	0.9	5.4	119	79.7
31279	Core	0.60	2.9	146	1.4	6.5	81	81.3
31280	Core	0.94	4.4	188	0.8	6.8	119	96.7
31281	Core	1.07	3.8	199	0.5	6.1	122	85.7
31282	Core	0.89	3.2	150	0.5	5.4	101	79.9
31283	Core	1.12	3.1	159	0.4	5.2	105	79.8
31284	Core	0.96	2.8	148	0.4	4.8	91	66.7
31285	Core	1.09	2.9	160	1.0	5.5	82	72.6
31286	Core	1.20	3.3	174	1.0	5.1	111	79.0
31287	Core	0.62	2.0	98	0.7	3.5	71	44.5

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31288	Core	1.01	3.8	161	1.0	5.8	109	90.2

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31248	Core		0.18	>10	48.9	799	3.27	0.54	0.52	0.04	45.31	20.5	109	8.76	48.0
31248 Dup			0.20	>10	46.2	811	3.50	0.54	0.51	0.03	49.28	21.4	114	9.05	46.3
QCV1111-01505-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.51	4.66	6325.2	225						10.4			30.0
31266	Core		0.15	>10	14.3	788	2.92	0.43	0.06	0.08	56.10	19.3	74	6.85	48.7
31266 Dup			0.13	>10	15.0	818	3.48	0.48	0.07	0.11	54.18	20.8	78	7.17	52.4
QCV1111-01505-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	6.41	8.2	440	3.28	2.42	0.43	0.05	92.13	15.5		7.01	2269.1
31284	Core		0.14	>10	27.8	722	3.25	0.28	0.54	0.10	35.97	14.9	121	6.73	42.1
31284 Dup			0.13	>10	29.8	750	3.24	0.26	0.56	0.11	36.39	14.5	125	6.92	42.5
QCV1111-01505-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.75	7.89	7.7	417	3.00	2.78	0.54	0.04	85.20	15.8		6.87	2203.6
31248	Core	0.055													
31248 Dup		0.055													
31266	Core	<0.005													
31266 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.939													
QCV1111-01506-0004-BLK		<0.005													
31284	Core	0.015													
31284 Dup		0.014													
QCV1111-01506-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.976													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31248	Core	3.63	26.01	1.26	3.1	0.08	5.18	23.6	60.4	1.06	398	1.47	0.43	2.6	40.5
31248 Dup		3.65	25.67	1.23	3.0	0.08	5.20	26.0	59.4	1.08	397	1.59	0.43	2.3	42.9
QCV1111-01505-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.82	403				48.8
31266	Core	4.03	26.27	1.46	2.9	0.08	4.27	28.7	77.8	1.15	311	0.74	0.49	3.7	44.3
31266 Dup		4.10	27.73	1.53	2.9	0.08	4.10	29.4	85.9	1.15	317	0.82	0.47	3.7	47.8
QCV1111-01505-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.05	18.60		4.1	0.34	2.76	44.2	27.3	1.50		0.35	0.52	14.6	36.3
31284	Core	4.09	22.57	1.31	2.2	0.07	2.89	18.8	66.8	1.10	578	0.65	0.33	2.4	40.4
31284 Dup		4.25	24.27	1.42	2.1	0.07	2.90	18.9	65.9	1.14	596	0.72	0.34	2.2	42.4
QCV1111-01505-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.38	18.21		4.4	0.31	2.52	42.4	28.6	1.52		0.31	0.48	13.9	37.4

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11-360-08425-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31248	Core	194	21.1	211.7	0.003	1.789	4.51	20.3	1.6	2.7	137.0	0.26	<0.05	17.8	0.081
31248 Dup		219	20.3	208.9	<0.002	1.800	4.69	19.9	1.3	2.7	138.1	0.22	<0.05	17.1	0.078
QCV1111-01505-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		289	11.7												
31266	Core	195	27.6	183.1	0.003	0.931	2.55	19.4	<1.0	2.5	130.2	0.30	<0.05	14.5	0.113
31266 Dup		183	26.9	203.2	0.003	0.920	2.54	21.5	1.4	2.6	134.1	0.29	<0.05	15.0	0.109
QCV1111-01505-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		703	10.3	196.4	0.003	0.273	1.15	17.0	4.7	10.0	32.6	0.95	<0.05	16.4	
31284	Core	171	20.4	183.4	<0.002	1.669	3.19	19.2	3.6	2.4	148.8	0.20	<0.05	11.5	0.086
31284 Dup		159	20.4	183.3	<0.002	1.738	3.21	18.5	2.8	2.4	153.3	0.17	<0.05	10.2	0.084
QCV1111-01505-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		736	10.4	195.4	0.008	0.307	1.10	14.6	4.2	10.0	35.3	1.02	<0.05	17.5	

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31248	Core	1.17	3.2	128	1.6	6.2	84	88.2
31248 Dup		1.15	3.3	128	1.6	6.3	85	93.3
QCV1111-01505-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.71					195	
31266	Core	1.12	4.3	158	0.5	5.4	120	86.8
31266 Dup		1.11	4.2	159	0.5	5.8	118	87.3
QCV1111-01505-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.90	3.2		2.5	26.6	88	128.0
31284	Core	0.96	2.8	148	0.4	4.8	91	66.7
31284 Dup		0.90	2.5	153	0.3	4.9	95	68.0
QCV1111-01505-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.02	3.6		2.8	24.1	92	121.1

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Distribution List

Attention: Greg Hayes
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Attention: Jim McFaull
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 74**
Client Reference: **Core 74**
Description: **3 ACE**

Date Received: 11/18/2011
Date Completed: 12/05/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	41	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32817	Core	0.033	0.19	3.49	364.6	176	1.11	0.11	0.11	0.70	26.32	6.9	197	1.80	47.7
32818	Core	0.065	0.17	5.38	770.9	320	1.71	0.11	0.09	0.27	29.77	8.0	198	2.74	28.6
32819	Core	0.013	0.12	2.63	300.3	84	0.64	0.06	0.15	0.34	24.22	3.4	204	1.19	15.1
32820	Core	0.016	0.06	1.44	112.4	27	0.21	0.05	0.43	0.04	20.34	2.5	230	0.56	8.4
32821	Core	2.048	0.43	1.82	4449.1	36	0.40	0.10	0.51	0.17	28.35	4.6	235	0.69	9.6
32822	Core	0.060	0.50	1.04	469.2	18	0.27	0.38	0.27	0.44	16.29	2.4	249	0.37	14.2
32823	Core	0.017	0.16	2.79	47.3	193	1.14	0.09	0.04	0.07	35.25	5.3	228	1.76	16.9
32824	Core	0.026	0.08	1.77	99.3	37	0.56	0.07	0.31	0.38	30.51	4.0	231	0.64	13.3
32825	Core	0.008	0.06	1.32	126.1	18	0.20	0.03	0.05	0.04	17.91	2.0	151	0.37	9.3
32826	Core	0.025	0.10	2.04	894.9	37	0.39	0.04	0.14	0.49	29.48	3.4	183	0.65	13.3
32827	Core	0.138	0.15	2.50	582.1	60	0.72	0.05	0.39	0.32	33.48	3.2	162	1.09	11.0
32828	Core	0.403	0.23	5.81	1901.1	378	2.06	0.26	0.26	0.16	40.33	13.3	210	3.44	24.8
32829	Core	0.291	0.23	2.11	3082.6	76	0.53	0.07	0.63	0.58	22.59	4.1	218	1.43	22.0
32830	Core	0.114	0.29	>10	132.1	987	5.10	0.56	0.15	0.12	31.08	26.3	157	8.29	45.2
32831	Core	0.156	0.17	9.73	344.0	716	3.43	0.50	0.50	0.06	30.05	18.2	187	7.05	35.0
32832	Core	0.023	0.17	>10	56.9	812	3.23	0.37	0.23	0.05	42.29	22.5	141	7.83	42.8
32833	Core	0.099	0.21	>10	92.9	719	3.15	0.35	0.52	0.12	44.70	19.3	167	6.77	41.2
32834	Core	0.088	0.23	4.86	38.6	256	1.25	0.23	0.45	<0.02	43.28	9.0	149	2.64	18.2
32835	Core	0.106	0.16	9.71	95.5	659	2.90	0.38	0.60	0.10	44.26	17.5	162	7.54	42.3
32836	Core	0.075	0.67	8.89	72.2	595	3.16	0.30	1.58	0.20	68.50	22.3	138	6.22	39.5
32837	Core	0.069	0.20	>10	43.6	713	3.40	0.58	0.33	0.10	37.69	22.2	129	6.99	37.9
32838	Core	0.029	0.19	>10	29.9	670	3.14	0.38	0.53	0.07	28.09	19.3	119	6.06	41.7
32839	Core	0.005	0.17	>10	19.7	776	3.64	0.46	0.14	0.07	34.51	23.3	129	7.00	51.8
32840	Core	<0.005	0.16	>10	20.0	730	3.33	0.42	0.23	0.07	39.00	20.0	128	6.38	43.2
32841	Core	<0.005	0.19	>10	17.7	1130	4.00	0.48	0.24	0.09	86.12	21.6	121	8.06	48.2
32842	Core	<0.005	0.21	>10	15.6	800	3.61	0.45	0.36	0.07	78.51	19.8	119	7.65	46.6
32843	Core	<0.005	0.17	>10	21.7	897	4.19	0.43	0.14	0.11	24.38	23.2	134	8.44	45.3
32844	Core	<0.005	0.17	8.34	13.3	548	2.52	0.28	0.70	0.05	24.05	19.3	170	5.24	38.8
32845	Core	<0.005	0.11	>10	14.9	724	3.47	0.30	0.22	0.05	35.11	16.3	160	5.99	35.6
32846	Core	<0.005	0.13	>10	21.9	841	3.78	0.47	0.33	0.08	39.24	20.2	139	6.85	50.0
32847	Core	0.007	0.16	>10	23.1	891	4.25	0.48	0.18	0.08	29.71	25.5	137	7.56	41.5
32848	Core	<0.005	0.27	>10	21.5	634	3.40	0.34	0.86	0.10	38.57	20.2	129	4.93	40.4
31374	Core	<0.005	0.14	>10	12.9	532	4.05	0.45	0.26	0.06	72.85	14.5	185	7.15	56.6
31375	Core	<0.005	0.44	>10	15.6	557	4.24	0.44	0.52	0.08	90.83	18.8	176	7.85	66.6
31376	Core	<0.005	0.37	>10	14.9	594	3.66	0.43	0.42	0.05	105.21	16.6	111	7.79	47.4
31377	Core	<0.005	0.20	>10	16.4	576	4.09	0.49	0.20	0.06	87.78	15.3	156	8.26	45.4
31378	Core	<0.005	0.13	>10	8.8	722	3.57	0.19	1.79	0.09	23.65	13.7	122	8.49	42.0
31379	Core	<0.005	0.18	>10	12.8	712	4.07	0.44	1.69	0.10	60.82	18.0	150	9.19	48.2
31380	Core	<0.005	0.16	>10	14.2	652	4.22	0.51	0.20	0.10	69.27	16.6	127	7.80	46.6
31381	Core	<0.005	0.19	>10	12.3	756	4.05	0.54	0.89	0.07	84.85	16.6	134	7.95	46.7

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Northern Tiger Resources
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		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
31382	Core	<0.005	0.16	>10	10.1	592	3.57	0.47	1.56	0.06	68.94	17.6	116	6.80	47.3

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32817	Core	1.98	8.58	0.76	2.0	0.04	0.79	12.2	48.3	0.23	269	0.59	0.06	1.6	20.8
32818	Core	2.32	13.79	1.10	2.3	0.04	1.35	14.5	9.6	0.26	334	0.49	0.08	1.7	19.3
32819	Core	1.55	4.78	0.68	1.0	0.02	0.44	11.1	39.3	0.24	344	0.52	0.05	0.8	11.7
32820	Core	1.06	2.23	0.62	0.7	<0.01	0.11	8.5	19.6	0.22	329	0.51	0.01	0.5	6.4
32821	Core	1.26	3.07	0.85	0.9	0.02	0.17	11.9	8.8	0.18	368	0.67	0.01	0.7	9.5
32822	Core	0.99	1.93	0.97	0.5	0.02	0.07	7.1	6.5	0.11	288	0.51	<0.01	0.4	7.1
32823	Core	1.12	7.44	0.98	1.4	0.01	0.84	15.1	6.5	0.14	210	0.59	0.05	1.2	10.8
32824	Core	1.26	3.32	0.72	0.9	0.03	0.18	13.0	25.7	0.22	423	0.55	0.02	0.6	8.3
32825	Core	0.71	1.93	0.80	0.4	<0.01	0.08	7.8	18.9	0.07	174	0.54	<0.01	0.5	6.7
32826	Core	1.09	3.23	0.83	0.9	0.02	0.16	12.9	18.4	0.13	247	0.47	0.01	0.7	7.7
32827	Core	1.15	4.03	0.66	1.0	0.02	0.22	15.6	28.8	0.19	317	0.45	0.02	0.7	8.3
32828	Core	2.64	15.62	1.21	2.0	0.03	1.69	19.7	46.6	0.44	281	0.73	0.11	1.6	28.8
32829	Core	2.18	4.50	1.05	0.7	0.02	0.40	10.9	42.0	0.39	397	0.65	0.30	0.5	15.6
32830	Core	4.28	30.84	1.06	2.8	0.08	4.05	16.2	72.0	0.73	246	1.27	0.22	3.6	47.2
32831	Core	4.31	22.59	1.24	2.1	0.07	3.19	15.0	32.8	0.88	402	0.88	0.19	2.3	38.2
32832	Core	4.86	27.24	1.31	2.3	0.08	3.30	21.9	52.8	1.13	357	0.61	0.21	3.5	50.9
32833	Core	4.47	25.00	1.48	1.1	0.07	2.97	23.1	48.9	1.09	463	0.67	0.39	3.4	43.1
32834	Core	2.91	10.11	1.09	1.3	0.07	1.07	20.5	30.6	0.63	403	0.51	0.65	1.7	17.7
32835	Core	4.40	22.78	1.20	1.9	0.06	2.75	22.4	41.7	0.85	397	0.80	0.25	2.9	37.3
32836	Core	7.23	21.57	1.18	2.6	0.07	1.83	36.0	56.2	1.43	931	2.25	0.14	36.5	56.2
32837	Core	5.24	26.15	1.21	2.3	0.07	2.84	19.6	65.3	1.02	385	0.53	0.22	3.3	48.1
32838	Core	5.21	24.24	1.32	2.1	0.06	2.67	14.5	65.5	1.24	418	0.70	0.23	2.8	45.5
32839	Core	5.26	27.64	1.03	2.4	0.08	2.82	18.1	78.2	1.16	379	0.79	0.29	3.7	52.5
32840	Core	5.26	26.89	1.34	2.4	0.08	2.47	20.8	80.4	1.17	382	0.70	0.27	3.7	48.8
32841	Core	5.25	29.97	1.45	2.2	0.07	3.01	46.9	80.0	1.14	365	0.68	0.34	3.7	54.8
32842	Core	4.71	27.38	1.19	1.2	0.07	2.33	40.5	107.6	0.99	347	0.71	0.25	7.1	48.4
32843	Core	5.00	30.57	1.11	2.3	0.08	3.04	12.8	68.2	0.94	359	0.71	0.35	2.7	56.7
32844	Core	4.52	20.49	0.80	1.9	0.05	1.94	11.9	73.6	1.04	466	0.58	0.24	2.2	52.9
32845	Core	4.08	25.23	1.32	2.4	0.06	2.55	18.2	56.7	0.93	344	0.67	0.27	2.8	41.9
32846	Core	5.06	29.53	1.41	2.2	0.07	3.03	20.8	61.5	1.16	361	0.65	0.31	3.4	54.0
32847	Core	4.25	28.53	1.19	1.5	0.07	3.07	16.0	67.8	0.86	291	0.75	0.35	2.9	57.0
32848	Core	5.59	25.33	1.35	2.0	0.07	1.98	20.1	84.2	1.46	540	0.86	0.20	10.2	53.5
31374	Core	4.80	26.52	1.31	2.1	0.06	2.14	38.2	106.9	1.12	445	0.47	0.79	3.0	51.4
31375	Core	5.13	28.70	1.49	2.3	0.07	2.21	48.1	113.9	1.22	550	0.41	0.85	3.3	55.7
31376	Core	5.65	26.88	1.53	3.1	0.08	2.16	54.6	113.1	1.28	666	0.36	0.80	4.0	52.3
31377	Core	5.39	28.04	1.44	2.3	0.08	2.22	46.4	110.6	1.18	440	0.41	0.84	3.2	51.6
31378	Core	5.29	28.09	1.23	1.9	0.08	2.56	12.3	100.7	1.22	1354	0.27	0.77	1.9	46.1
31379	Core	5.36	30.81	1.20	2.3	0.09	2.58	33.2	118.3	1.23	973	0.33	0.82	2.9	55.5
31380	Core	5.28	27.81	1.28	2.0	0.07	2.47	36.9	116.7	1.20	421	0.32	0.81	2.7	54.4
31381	Core	4.70	30.79	1.44	2.7	0.07	2.94	46.1	116.5	1.14	524	0.38	0.97	3.8	51.4

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11-360-08426-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31382	Core	5.43	26.41	1.39	2.2	0.08	2.27	37.5	119.0	1.24	1000	0.36	0.70	2.6	53.0

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Certificate of Analysis

11-360-08426-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32817	Core	167	11.4	43.9	<0.002	0.184	1.01	4.1	<1.0	1.1	27.9	0.35	0.14	9.8	0.028
32818	Core	77	16.1	82.5	0.003	0.525	1.35	7.2	<1.0	1.5	26.2	0.23	0.13	12.6	0.052
32819	Core	74	27.6	25.5	<0.002	0.194	0.64	2.7	<1.0	0.9	20.1	0.08	<0.05	8.7	0.022
32820	Core	71	7.6	6.9	<0.002	0.077	0.44	1.6	<1.0	0.5	41.0	<0.05	<0.05	5.6	0.014
32821	Core	191	73.8	10.2	<0.002	0.433	3.62	1.9	<1.0	0.8	51.9	0.07	<0.05	6.7	0.016
32822	Core	59	257.0	4.9	<0.002	0.403	0.95	1.3	<1.0	0.8	19.9	<0.05	0.08	4.0	0.009
32823	Core	102	11.7	46.0	<0.002	0.130	1.15	4.2	<1.0	0.8	19.4	0.13	<0.05	8.8	0.037
32824	Core	132	15.8	10.8	<0.002	0.209	0.60	1.9	1.3	0.9	20.9	0.07	<0.05	7.9	0.017
32825	Core	67	8.6	4.6	0.004	0.073	0.42	1.0	<1.0	0.7	6.1	<0.05	<0.05	4.1	0.011
32826	Core	58	21.5	9.6	<0.002	0.281	1.07	1.7	<1.0	1.0	13.9	0.07	0.06	7.8	0.019
32827	Core	75	45.0	13.9	<0.002	0.311	0.97	2.2	<1.0	0.9	33.4	0.07	0.06	8.6	0.020
32828	Core	167	27.6	98.2	<0.002	0.883	3.45	8.6	<1.0	1.6	47.1	0.17	0.13	12.6	0.059
32829	Core	233	69.7	23.7	<0.002	1.149	2.32	2.4	<1.0	1.4	61.5	0.05	0.08	6.1	0.016
32830	Core	250	23.4	261.8	0.002	1.791	4.80	21.1	<1.0	2.6	87.3	0.38	0.17	18.1	0.149
32831	Core	252	22.9	196.8	<0.002	1.626	5.34	16.6	1.1	2.1	97.6	0.23	0.07	12.9	0.104
32832	Core	367	21.7	218.6	<0.002	1.133	4.87	17.5	1.2	2.3	96.0	0.33	0.09	13.1	0.134
32833	Core	264	21.5	188.2	0.012	0.882	4.93	16.7	<1.0	2.2	114.7	0.30	0.11	13.8	0.137
32834	Core	121	37.2	65.3	0.002	0.717	3.01	5.9	<1.0	1.3	71.3	0.14	0.05	9.6	0.060
32835	Core	290	19.7	175.6	<0.002	0.977	3.83	15.3	<1.0	2.2	90.4	0.24	<0.05	13.1	0.111
32836	Core	1867	20.6	118.9	<0.002	1.393	3.02	17.5	<1.0	1.9	270.2	1.98	0.09	10.0	0.530
32837	Core	244	24.7	192.1	<0.002	0.891	5.23	17.0	1.8	2.1	113.8	0.29	<0.05	13.0	0.136
32838	Core	227	25.4	175.0	<0.002	0.886	4.02	16.4	1.7	2.1	116.1	0.24	0.09	12.2	0.113
32839	Core	249	32.3	204.2	0.002	0.949	4.06	19.4	1.6	2.2	122.9	0.32	0.12	13.1	0.147
32840	Core	398	20.8	188.7	0.004	0.785	3.00	17.5	<1.0	2.1	126.0	0.34	0.08	13.5	0.148
32841	Core	295	31.7	228.3	<0.002	1.027	3.19	27.7	1.8	2.3	141.2	0.31	0.09	21.8	0.152
32842	Core	365	26.9	162.2	0.003	0.682	1.84	25.5	<1.0	2.3	128.1	0.56	<0.05	20.2	0.229
32843	Core	198	33.5	241.2	0.004	1.666	3.97	21.3	2.7	2.5	147.3	0.28	0.06	13.8	0.124
32844	Core	214	20.1	141.5	<0.002	1.308	2.34	13.9	1.6	1.7	145.0	0.21	0.07	11.7	0.094
32845	Core	222	13.0	182.2	<0.002	0.505	1.34	16.5	1.8	2.0	122.5	0.26	0.08	13.7	0.120
32846	Core	265	20.1	221.6	<0.002	0.893	1.95	20.8	1.9	2.2	143.7	0.29	0.08	13.9	0.144
32847	Core	248	35.0	212.2	0.002	1.216	3.50	21.8	2.4	2.3	146.5	0.26	<0.05	12.2	0.132
32848	Core	645	21.5	139.5	<0.002	0.901	2.03	17.2	1.0	2.3	159.8	0.64	0.08	12.2	0.247
31374	Core	441	30.3	155.6	<0.002	<0.01	0.49	18.0	1.2	1.8	194.8	0.27	0.08	13.5	0.119
31375	Core	683	42.0	158.3	<0.002	<0.01	0.48	19.6	1.6	2.1	209.1	0.28	0.11	15.2	0.130
31376	Core	534	18.2	163.1	0.002	<0.01	0.59	18.2	1.5	2.0	203.0	0.54	0.21	16.7	0.127
31377	Core	516	21.5	171.6	<0.002	<0.01	0.59	19.2	1.1	2.0	217.9	0.33	0.07	15.3	0.117
31378	Core	335	13.7	194.1	<0.002	<0.01	0.93	17.7	<1.0	2.0	220.5	0.21	0.06	10.4	0.080
31379	Core	521	20.4	195.8	<0.002	<0.01	0.73	20.9	1.1	2.3	234.2	0.29	0.11	13.8	0.111
31380	Core	641	19.2	179.0	<0.002	0.014	0.75	17.5	1.6	1.9	196.6	0.26	0.07	13.1	0.106
31381	Core	561	15.8	196.6	<0.002	<0.01	0.67	20.0	1.7	2.2	219.5	0.35	0.07	16.8	0.141

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Description	Type	10	0.5	0.1	0.002	0.01	0.05	0.1	1.0	0.2	0.2	0.05	0.05	0.2	0.005
31382	Core	467	35.4	160.1	0.002	<0.01	0.60	18.0	<1.0	1.8	212.0	0.23	<0.05	14.5	0.100

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32817	Core	0.29	1.8	63	2.0	3.6	128	52.0
32818	Core	0.46	2.2	94	2.5	5.1	65	81.5
32819	Core	0.15	1.2	62	1.1	2.6	47	37.0
32820	Core	0.05	0.9	57	0.7	2.3	17	26.7
32821	Core	0.06	1.2	62	1.1	3.4	27	37.0
32822	Core	0.03	0.6	56	0.8	1.8	93	19.2
32823	Core	0.20	1.6	75	1.2	3.7	27	56.8
32824	Core	0.07	1.1	62	0.9	2.7	123	34.5
32825	Core	0.03	0.6	54	0.5	1.4	14	19.2
32826	Core	0.06	1.1	57	1.0	2.6	56	38.0
32827	Core	0.07	1.2	61	1.0	3.0	39	44.5
32828	Core	0.56	2.5	106	2.8	4.9	65	80.3
32829	Core	0.12	1.2	64	1.0	2.7	73	28.3
32830	Core	1.35	4.1	177	3.2	6.5	92	111.5
32831	Core	1.18	3.3	144	3.0	5.0	86	77.4
32832	Core	1.14	3.9	167	1.3	6.7	111	96.1
32833	Core	0.99	3.8	161	371.8	6.7	106	99.5
32834	Core	0.37	1.8	87	1.4	4.4	305	59.4
32835	Core	1.04	3.8	148	3.2	5.9	111	76.9
32836	Core	0.85	3.1	180	3.8	12.2	126	128.0
32837	Core	1.12	4.6	162	2.3	5.8	115	93.1
32838	Core	0.91	4.2	158	1.4	6.2	105	92.8
32839	Core	1.10	4.8	179	0.8	6.8	123	103.9
32840	Core	1.03	4.6	169	0.9	7.2	121	103.7
32841	Core	1.02	4.7	174	0.9	11.3	120	94.2
32842	Core	0.91	4.1	168	1.0	7.3	121	54.7
32843	Core	1.35	4.4	184	1.0	6.0	111	93.0
32844	Core	0.77	3.2	144	0.9	5.6	88	80.1
32845	Core	0.93	4.0	165	1.1	6.5	88	100.3
32846	Core	1.09	4.6	181	1.0	6.5	123	97.8
32847	Core	1.15	3.7	182	0.8	4.5	98	63.6
32848	Core	0.89	3.8	169	0.9	8.0	128	96.5
31374	Core	0.76	3.3	148	0.4	7.4	111	91.1
31375	Core	0.79	3.6	154	0.5	8.8	130	103.0
31376	Core	0.89	3.7	130	0.6	8.6	130	106.5
31377	Core	0.86	4.0	137	0.6	8.5	123	98.5
31378	Core	1.01	3.6	141	0.4	6.2	122	76.7
31379	Core	0.90	3.7	151	0.5	13.2	126	92.3
31380	Core	0.85	3.8	140	0.4	6.7	124	86.2
31381	Core	1.03	4.4	159	1.4	8.4	112	105.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31382	Core	0.79	4.0	142	0.4	8.3	131	92.5

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11-360-08426-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32817	Core		0.19	3.49	364.6	176	1.11	0.11	0.11	0.70	26.32	6.9	197	1.80	47.7
32817 Dup			0.18	3.50	390.9	171	1.20	0.09	0.10	0.66	28.75	7.2	209	1.78	47.0
QCV1111-01796-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.53	4.24	6617.0	208	1.18					10.8			26.0
32835	Core		0.16	9.71	95.5	659	2.90	0.38	0.60	0.10	44.26	17.5	162	7.54	42.3
32835 Dup			0.15	9.71	95.0	651	4.03	0.36	0.59	0.11	32.88	16.9	167	7.51	42.8
QCV1111-01796-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.15		13.9	405	3.11	8.65		0.22	86.56	22.7		6.25	>10000
31378	Core		0.13	>10	8.8	722	3.57	0.19	1.79	0.09	23.65	13.7	122	8.49	42.0
31378 Dup			0.15	>10	7.8	713	4.13	0.18	1.77	0.06	32.73	13.4	116	8.35	43.0
QCV1111-01796-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.95	7.85	7.8	427	2.60	2.56	0.53	0.08	85.75	15.0		6.50	2254.5
32817	Core	0.033													
32817 Dup		0.045													
32835	Core	0.106													
32835 Dup		0.105													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.416													
QCV1111-01797-0004-BLK		<0.005													
31378	Core	<0.005													
31378 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.954													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32817	Core	1.98	8.58	0.76	2.0	0.04	0.79	12.2	48.3	0.23	269	0.59	0.06	1.6	20.8
32817 Dup		1.92	8.53	0.95	1.9	0.03	0.80	13.6	48.2	0.23	271	0.56	0.06	1.2	22.0
QCV1111-01796-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.71	481				51.5
32835	Core	4.40	22.78	1.20	1.9	0.06	2.75	22.4	41.7	0.85	397	0.80	0.25	2.9	37.3
32835 Dup		4.34	22.23	1.15	1.6	0.06	2.78	17.0	42.1	0.85	413	0.74	0.25	2.6	38.7
QCV1111-01796-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.10		2.8	1.12		43.0	24.7			0.76		13.3	45.4
31378	Core	5.29	28.09	1.23	1.9	0.08	2.56	12.3	100.7	1.22	1354	0.27	0.77	1.9	46.1
31378 Dup		5.22	28.56	1.16	1.9	0.07	2.64	17.7	99.9	1.21	1353	0.25	0.79	2.3	46.0
QCV1111-01796-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.33	18.91		3.0	0.31	2.54	42.2	25.2	1.52		0.33	0.48	13.4	39.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32817	Core	167	11.4	43.9	<0.002	0.184	1.01	4.1	<1.0	1.1	27.9	0.35	0.14	9.8	0.028
32817 Dup		175	11.5	43.3	<0.002	0.182	0.89	4.3	<1.0	1.0	27.2	0.17	0.06	9.4	0.031
QCV1111-01796-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		323	12.7						1.1						
32835	Core	290	19.7	175.6	<0.002	0.977	3.83	15.3	<1.0	2.2	90.4	0.24	<0.05	13.1	0.111
32835 Dup		263	18.6	179.9	<0.002	0.958	3.89	15.9	1.1	2.1	89.4	0.24	0.08	11.0	0.113
QCV1111-01796-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			29.4	204.2	0.003	1.312	2.28	13.4	12.3	17.9	34.7	1.01	0.08	16.3	
31378	Core	335	13.7	194.1	<0.002	<0.01	0.93	17.7	<1.0	2.0	220.5	0.21	0.06	10.4	0.080
31378 Dup		318	13.2	199.6	0.003	<0.01	0.94	17.5	<1.0	2.1	219.0	0.21	0.09	11.1	0.093
QCV1111-01796-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		672	10.2	211.9	0.005	0.289	1.17	13.5	4.5	8.4	34.0	1.07	0.12	16.7	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32817	Core	0.29	1.8	63	2.0	3.6	128	52.0
32817 Dup		0.26	1.7	69	1.9	3.8	124	51.5
QCV1111-01796-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.23					197	
32835	Core	1.04	3.8	148	3.2	5.9	111	76.9
32835 Dup		0.94	3.3	149	3.2	5.7	110	79.6
QCV1111-01796-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.89	3.6			25.2	185	126.2
31378	Core	1.01	3.6	141	0.4	6.2	122	76.7
31378 Dup		0.98	3.6	144	0.4	6.4	119	77.9
QCV1111-01796-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.5		2.3	25.6	93	122.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 75**
Client Reference: **Core 75**
Description: **3 ACE**

Date Received: 11/18/2011
Date Completed: 12/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	49	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31289	Core	0.009	0.20	>10	26.3	742	2.72	0.35	0.24	0.04	24.31	21.3	123	7.29	52.9
31290	Core	0.020	0.23	>10	41.6	864	4.03	0.34	0.31	0.12	17.98	22.7	160	10.15	67.7
31291	Core	0.014	0.19	>10	30.3	880	4.01	0.37	0.15	0.08	33.36	19.4	145	8.87	55.8
31292	Core	0.008	0.10	3.10	10.6	155	0.65	0.06	0.84	0.05	31.01	5.9	201	1.69	29.8
31293	Core	0.025	0.40	8.89	36.6	544	2.24	0.23	0.35	0.78	22.10	16.1	146	6.15	41.2
31294	Core	0.012	0.66	2.12	12.1	65	0.56	0.16	1.43	0.24	25.30	5.1	183	0.92	39.7
31295	Core	0.530	1.74	>10	70.0	775	3.23	0.48	0.68	11.79	17.67	18.6	165	8.52	55.8
31296	Core	<0.005	0.18	1.85	7.6	90	0.40	0.03	0.05	0.06	26.98	4.6	187	1.04	29.8
31297	Core	<0.005	0.15	4.37	15.4	279	1.14	0.02	0.06	0.06	22.29	5.3	165	2.70	27.5
31298	Reject	0.068	0.57	2.88	469.8	233	0.88	0.16	0.09	1.61	39.61	6.9	363	2.30	37.9
31299	Reject	0.039	0.49	3.00	149.7	265	1.13	0.07	0.09	1.52	39.10	8.1	252	2.43	31.9
31300	Core	<0.005	0.15	0.07	<0.2	24	<0.05	0.03	>10	0.07	1.32	1.5	9	0.21	3.7
31301	Core	0.016	0.33	1.19	71.2	54	0.24	0.04	0.06	2.21	31.48	3.8	170	0.58	14.1
31302	Core	0.027	0.31	3.49	626.1	238	0.98	0.06	0.05	0.65	27.10	5.8	211	2.27	23.4
31303	Core	0.040	0.22	2.57	1210.1	131	0.76	0.04	0.03	0.50	21.88	5.4	229	1.33	26.9
31304	Core	0.019	0.32	1.40	464.0	72	0.36	0.03	0.03	1.15	21.81	3.8	201	0.84	24.5
31305	Core	0.015	0.19	0.99	563.6	39	0.19	0.02	0.03	0.19	18.81	4.0	107	0.53	17.0
31306	Core	<0.005	0.38	1.31	113.1	50	0.25	0.02	0.03	0.27	22.54	3.2	178	0.66	14.5
31307	Core	0.026	0.28	5.49	315.2	420	1.65	0.09	0.05	0.56	43.36	9.9	193	3.60	29.8
31308	Core	0.032	0.48	7.34	619.7	500	1.91	0.22	0.05	0.86	25.58	13.0	173	4.26	24.4
31309	Core	0.117	2.43	0.98	1922.7	43	0.13	1.16	0.06	20.89	19.10	1.9	187	0.54	14.5
31310	Core	0.356	2.75	0.96	1512.1	36	0.18	1.72	0.03	28.14	16.20	3.2	228	0.48	14.0
31311	Core	0.023	0.81	0.96	316.9	42	0.18	0.37	0.04	10.13	21.53	2.2	186	0.52	16.9
31312	Core	0.431	0.71	1.12	2293.5	63	0.38	0.25	0.04	4.16	24.47	4.6	164	0.87	20.8
31313	Core	0.170	0.56	2.76	1300.3	218	0.95	0.16	0.04	6.17	27.58	5.5	166	1.86	20.2
31314	Core	0.124	1.59	1.20	896.1	68	0.37	0.61	0.02	24.76	25.70	3.0	232	0.79	23.0
31315	Core	0.133	0.40	3.80	266.3	273	1.24	0.14	0.03	0.57	27.99	7.3	212	2.48	20.0
31316	Core	0.035	0.33	1.11	499.2	42	0.18	0.03	0.03	2.38	17.16	1.5	185	0.57	10.5
31317	Core	0.043	0.48	1.15	712.8	44	0.25	0.05	0.04	3.54	22.35	2.5	230	0.57	12.1
31318	Core	0.089	0.49	5.69	815.5	402	1.77	0.18	0.07	0.70	35.92	19.3	232	3.34	25.0
31319	Core	0.029	0.32	3.47	247.2	235	1.11	0.08	0.08	0.89	22.11	6.4	199	1.85	16.8
31320	Core	0.010	1.35	0.81	271.8	27	0.18	0.03	0.09	3.15	14.51	1.2	192	0.38	12.6
31321	Core	0.015	0.29	1.16	443.5	34	0.26	0.04	0.07	0.88	15.58	1.6	236	0.51	7.6
31322	Core	0.141	0.39	3.26	2254.0	217	0.78	0.04	0.04	0.86	22.55	6.8	227	1.86	11.7
31323	Core	0.496	0.42	4.25	7055.0	147	0.85	0.09	0.04	2.90	13.81	10.1	132	1.86	16.0
31324	Core	0.060	0.18	3.52	444.0	264	1.06	0.09	0.05	0.11	20.17	9.1	247	1.98	38.7
31325	Core	0.098	0.38	7.65	264.7	495	2.44	0.39	0.15	0.22	19.44	17.5	169	5.97	36.1
31326	Core	0.116	0.27	4.41	613.4	296	1.27	0.18	0.05	0.19	19.46	9.8	212	3.25	18.8
31327	Core	0.061	0.13	2.57	871.4	99	0.66	0.05	0.05	0.09	28.46	3.8	159	1.54	18.1
31328	Core	0.100	3.33	3.16	>10000	186	0.80	2.17	0.03	25.06	18.21	17.7	193	2.01	21.5

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31329	Core	0.085	0.28	1.61	657.1	32	0.34	0.07	0.03	2.34	12.12	2.5	220	0.49	12.1
31330	Core	0.026	0.18	3.81	418.5	220	1.12	0.05	0.06	0.35	26.01	6.1	198	1.91	21.6
31331	Core	0.025	0.16	4.23	220.9	188	1.06	0.10	0.10	0.28	31.58	8.0	180	1.71	21.8
31332	Core	0.031	0.18	9.86	36.5	734	2.58	0.26	0.14	0.17	18.51	18.9	177	5.75	61.8
31333	Core	0.023	0.12	>10	31.9	788	2.66	0.28	0.14	0.12	11.86	18.5	105	5.90	41.3
31334	Reject	0.065	0.17	>10	91.7	800	3.10	0.33	0.18	0.11	20.37	20.5	143	6.38	56.5
31335	Pulp	7.904	0.45	2.86	829.8	170	0.88	0.57	>10	4.36	30.67	6.8	110	6.96	41.2
31336	Reject	0.356	0.22	>10	38.5	823	3.45	0.34	0.17	0.09	31.65	19.4	128	6.10	54.5
31337	Core	0.010	0.14	>10	23.0	818	3.04	0.35	0.18	0.08	51.32	17.5	111	5.87	53.1
31338	Core	0.008	0.13	>10	19.2	747	3.25	0.64	0.16	0.09	20.16	22.7	96	5.83	49.4
31339	Core	0.005	0.10	>10	11.6	734	2.77	0.29	0.19	0.06	14.67	16.3	102	5.27	49.8
31340	Core	<0.005	0.16	>10	16.8	750	2.90	0.32	0.24	0.05	22.65	18.2	107	5.64	55.6
31341	Core	0.020	0.19	9.50	36.6	835	3.59	0.41	0.36	0.05	17.49	21.9	114	6.24	57.9
31342	Core	0.017	0.39	>10	24.4	813	3.41	0.36	0.14	0.08	23.32	21.1	123	6.08	59.9

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Certificate of Analysis

11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31289	Core	5.36	29.49	1.20	3.0	0.07	2.71	12.6	69.8	1.18	304	0.56	0.28	2.9	48.1
31290	Core	5.95	35.25	1.51	2.7	0.09	2.95	9.2	83.5	1.12	310	0.83	0.34	2.8	59.1
31291	Core	4.12	33.05	1.42	3.1	0.08	3.10	18.3	59.1	0.96	302	0.54	0.30	4.1	47.0
31292	Core	2.61	9.31	1.22	1.5	0.02	0.51	14.3	32.9	0.65	579	0.45	0.34	1.4	15.1
31293	Core	4.15	24.28	1.28	2.6	0.06	2.56	11.4	43.0	0.99	378	0.56	0.19	2.4	45.2
31294	Core	2.55	5.70	1.04	0.9	0.02	0.25	12.0	28.0	0.77	748	0.46	0.05	0.7	11.7
31295	Core	5.75	31.21	1.53	2.8	0.27	3.03	8.6	38.9	0.79	537	0.58	0.19	2.0	48.6
31296	Core	1.24	5.35	0.65	1.0	0.01	0.39	12.0	13.0	0.11	278	0.51	0.02	0.7	9.8
31297	Core	1.76	13.46	0.99	1.9	0.02	1.41	10.3	14.7	0.19	395	0.40	0.06	1.0	15.0
31298	Reject	2.57	10.44	1.05	1.9	0.04	0.60	9.0	11.9	0.11	311	0.54	0.03	1.2	14.9
31299	Reject	1.54	11.41	1.15	1.9	0.04	0.68	9.1	11.7	0.11	269	0.62	0.03	1.2	13.7
31300	Core	0.52	0.49	<0.05	<0.1	0.01	0.02	0.8	1.3	>10	220	0.06	<0.01	0.3	4.7
31301	Core	0.82	3.66	0.82	1.3	0.04	0.27	12.9	9.8	0.06	213	0.47	0.02	0.7	7.0
31302	Core	1.47	12.10	1.24	2.6	0.03	1.11	12.2	14.2	0.13	307	0.59	0.06	1.5	12.6
31303	Core	1.39	8.17	0.94	1.4	0.03	0.62	9.3	13.2	0.09	315	0.56	0.03	0.9	10.7
31304	Core	1.10	4.23	0.78	0.9	0.03	0.38	8.8	7.0	0.06	234	0.50	0.02	0.6	8.6
31305	Core	0.85	2.50	0.63	0.5	0.01	0.21	7.2	7.4	0.05	214	0.43	0.01	0.4	5.8
31306	Core	0.81	3.17	0.65	0.8	0.01	0.25	8.9	8.8	0.06	236	0.47	0.02	0.6	5.9
31307	Core	1.65	18.58	0.95	3.8	0.05	1.77	19.3	15.9	0.17	270	0.81	0.09	2.5	16.5
31308	Core	2.40	20.06	0.98	3.5	0.06	2.53	11.9	13.9	0.28	272	0.74	0.13	1.9	20.2
31309	Core	1.08	2.60	0.89	0.6	0.34	0.18	7.9	5.9	0.05	263	0.47	<0.01	0.5	6.7
31310	Core	1.26	2.28	0.77	0.8	0.41	0.23	6.7	5.8	0.05	189	0.59	0.01	0.6	8.5
31311	Core	1.11	2.24	0.75	0.9	0.15	0.28	9.1	5.7	0.05	251	0.54	0.01	0.6	7.2
31312	Core	1.16	3.24	1.04	0.9	0.08	0.37	10.1	5.5	0.06	134	0.74	0.02	0.7	9.7
31313	Core	1.20	8.72	0.90	1.9	0.12	0.97	11.7	9.0	0.08	153	0.72	0.05	1.2	9.7
31314	Core	1.65	3.98	1.10	1.1	0.30	0.43	11.0	4.6	0.07	171	0.69	0.02	0.7	9.6
31315	Core	1.22	12.43	1.17	2.9	0.03	1.31	12.8	9.8	0.13	187	0.75	0.06	1.5	15.1
31316	Core	1.04	2.57	0.92	0.7	0.05	0.30	6.9	5.1	0.06	224	0.39	0.01	0.4	6.7
31317	Core	1.13	2.64	0.94	0.9	0.06	0.31	9.4	4.9	0.06	224	0.45	0.01	0.6	6.3
31318	Core	3.01	19.06	1.42	3.9	0.05	1.95	17.0	20.4	0.24	375	0.97	0.09	2.0	35.3
31319	Core	1.64	10.43	1.17	2.0	0.04	1.09	10.4	14.7	0.15	279	0.50	0.05	1.2	16.0
31320	Core	0.70	1.46	1.17	0.5	0.05	0.29	6.4	3.0	0.06	177	0.54	0.01	0.4	6.2
31321	Core	0.67	2.25	1.14	0.8	0.02	0.31	6.9	4.0	0.05	230	0.46	0.01	0.6	6.1
31322	Core	1.12	9.35	1.35	3.1	0.04	0.99	10.4	7.0	0.10	267	0.58	0.04	1.7	15.1
31323	Core	1.58	8.73	1.05	1.7	0.07	0.79	6.5	11.6	0.08	221	0.40	0.03	0.7	18.1
31324	Core	2.11	12.18	1.29	1.4	0.02	1.00	9.3	10.9	0.15	319	0.63	0.04	1.0	19.2
31325	Core	3.32	23.81	1.26	2.9	0.05	2.31	9.0	24.8	0.34	538	4.60	0.10	1.8	35.1
31326	Core	2.01	12.91	0.96	1.3	0.03	1.22	9.4	13.7	0.16	312	2.01	0.06	1.2	22.8
31327	Core	1.95	6.57	0.86	1.1	0.02	0.56	12.6	13.1	0.15	442	0.39	0.02	0.9	12.2
31328	Core	4.78	8.92	1.49	0.9	0.35	1.21	8.8	11.5	0.15	236	0.46	0.04	0.7	24.1

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31329	Core	1.10	2.99	1.03	0.6	0.05	0.20	5.3	9.1	0.04	203	0.50	0.01	0.4	8.4
31330	Core	2.70	11.13	1.04	1.5	0.03	1.06	12.0	19.6	0.19	412	0.44	0.05	1.1	17.3
31331	Core	3.77	11.14	1.00	1.6	0.03	0.92	15.2	34.3	0.27	585	0.44	0.04	1.2	16.7
31332	Core	5.57	27.05	1.16	2.2	0.07	3.23	9.7	30.8	0.57	463	1.02	0.16	2.1	44.5
31333	Core	4.33	26.99	1.13	2.1	0.07	3.75	6.4	27.7	0.64	367	0.60	0.19	1.7	43.1
31334	Reject	5.70	29.82	1.34	2.2	0.08	2.97	11.0	45.6	0.67	465	0.58	0.16	2.6	52.7
31335	Pulp	1.54	7.79	0.21	1.9	0.07	1.00	18.5	8.8	0.69	270	11.07	<0.01	7.1	69.4
31336	Reject	4.95	30.92	1.21	2.6	0.08	3.11	17.2	43.3	0.62	392	0.57	0.16	3.2	47.1
31337	Core	4.32	31.26	1.32	2.4	0.08	3.13	26.7	42.7	0.63	395	0.48	0.16	2.6	46.3
31338	Core	4.35	27.27	1.01	1.9	0.07	3.00	10.7	36.1	0.58	374	0.63	0.18	1.9	43.7
31339	Core	4.02	27.09	1.04	1.9	0.08	3.30	7.8	41.9	0.72	428	0.60	0.20	1.7	40.4
31340	Core	5.87	27.77	1.05	2.1	0.07	3.08	12.3	43.4	1.20	402	0.50	0.20	2.1	45.6
31341	Core	4.67	32.28	1.25	2.3	0.09	2.05	9.7	38.4	0.58	443	0.60	0.11	1.8	48.3
31342	Core	4.30	30.44	1.17	2.2	0.08	3.27	12.6	43.3	0.57	231	0.56	0.21	2.8	53.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31289	Core	117	22.7	205.5	0.006	0.783	3.78	19.2	3.0	2.7	112.8	0.33	<0.05	16.2	0.106
31290	Core	194	27.3	245.4	0.003	1.151	4.67	21.4	3.9	3.0	154.8	0.25	<0.05	15.1	0.103
31291	Core	95	14.5	251.7	0.006	0.748	2.73	21.3	3.6	3.1	121.9	0.34	<0.05	16.9	0.147
31292	Core	<10	11.3	44.5	0.007	0.275	0.61	5.0	3.7	2.5	60.6	0.10	<0.05	9.0	0.040
31293	Core	109	172.5	175.1	0.007	1.300	1.78	14.4	4.0	4.5	73.6	0.19	<0.05	12.6	0.095
31294	Core	<10	425.8	20.3	0.009	0.365	1.02	2.9	3.6	3.4	45.7	0.05	<0.05	7.2	0.019
31295	Core	643	1386.3	239.4	0.007	2.012	3.14	19.1	4.4	7.1	89.7	0.15	<0.05	14.1	0.083
31296	Core	<10	49.1	29.4	0.006	0.164	0.50	2.8	4.0	2.8	22.9	0.06	<0.05	7.1	0.021
31297	Core	<10	11.9	95.3	0.003	0.326	0.52	6.0	3.2	2.8	29.4	0.08	<0.05	11.3	0.041
31298	Reject	37	1397.4	75.0	0.007	1.461	1.37	4.3	<1.0	3.6	23.8	0.13	<0.05	26.6	0.042
31299	Reject	61	337.3	82.9	0.007	0.474	0.95	4.8	<1.0	3.8	25.6	0.10	<0.05	20.6	0.053
31300	Core	100	2.6	1.4	0.006	<0.01	<0.05	0.4	4.0	<0.2	44.0	0.06	<0.05	<0.2	<0.005
31301	Core	35	253.3	17.1	0.005	0.239	0.68	2.0	4.0	1.1	9.1	0.05	<0.05	6.1	0.019
31302	Core	<10	47.3	68.7	0.006	0.400	1.27	5.6	5.6	2.9	23.9	0.11	<0.05	13.6	0.047
31303	Core	<10	71.5	41.7	0.006	0.349	1.37	3.9	5.3	2.7	16.2	0.06	<0.05	8.6	0.028
31304	Core	<10	172.0	23.1	0.006	0.354	0.94	1.9	4.8	2.4	8.2	<0.05	<0.05	5.7	0.016
31305	Core	<10	22.7	14.0	0.006	0.157	0.67	1.0	3.5	2.2	5.9	<0.05	<0.05	3.7	0.010
31306	Core	<10	32.7	17.0	0.005	0.122	0.63	1.3	2.7	1.8	6.7	<0.05	<0.05	4.8	0.017
31307	Core	35	69.6	121.9	0.009	0.491	1.26	8.5	2.3	4.2	42.1	0.19	<0.05	17.5	0.080
31308	Core	30	158.0	150.7	0.007	0.643	2.32	10.8	3.7	2.8	46.1	0.16	<0.05	17.0	0.075
31309	Core	<10	3867.4	19.0	0.006	0.987	3.35	1.0	5.9	4.6	5.4	<0.05	<0.05	3.6	0.015
31310	Core	<10	1709.4	16.7	0.006	0.650	3.41	0.9	4.4	3.6	4.7	0.11	<0.05	5.0	0.016
31311	Core	<10	581.1	17.8	0.008	0.494	1.39	1.3	3.7	3.7	4.6	<0.05	<0.05	5.8	0.016
31312	Core	31	320.2	26.1	0.006	0.487	2.58	1.6	5.4	3.7	8.1	0.06	<0.05	5.5	0.017
31313	Core	34	274.4	65.5	0.009	0.701	2.18	4.2	2.9	3.5	20.6	0.09	<0.05	9.0	0.040
31314	Core	<10	1291.2	26.2	0.004	1.093	2.71	1.7	4.2	3.7	4.7	<0.05	<0.05	5.9	0.021
31315	Core	<10	149.8	87.2	0.008	0.659	1.46	6.2	2.4	3.5	20.7	0.10	<0.05	14.2	0.051
31316	Core	<10	162.4	17.3	0.007	0.300	0.89	1.2	4.7	1.9	5.3	<0.05	<0.05	4.8	0.012
31317	Core	<10	316.9	19.1	0.006	0.383	1.48	1.3	5.2	3.4	7.8	<0.05	<0.05	5.9	0.014
31318	Core	<10	60.0	115.4	0.010	1.262	3.20	12.0	2.5	4.6	34.4	0.14	<0.05	19.4	0.069
31319	Core	<10	174.4	61.3	0.006	0.485	1.32	5.8	4.4	2.3	21.6	0.09	<0.05	10.0	0.040
31320	Core	<10	1105.4	14.4	0.007	0.253	2.21	0.6	6.5	4.8	4.6	<0.05	<0.05	3.4	0.010
31321	Core	<10	126.5	17.2	0.006	0.217	0.79	1.0	6.7	4.0	4.8	<0.05	<0.05	5.4	0.015
31322	Core	<10	86.3	62.0	0.004	0.435	2.45	5.5	5.0	3.3	14.1	0.19	<0.05	10.8	0.045
31323	Core	<10	271.8	43.4	0.007	1.062	5.58	4.6	2.7	4.1	13.4	0.07	<0.05	9.3	0.025
31324	Core	38	11.7	69.8	0.005	0.637	1.42	6.1	3.6	4.2	27.4	0.08	<0.05	7.9	0.034
31325	Core	401	59.6	165.6	0.009	1.173	3.53	12.9	2.5	2.9	73.5	0.15	<0.05	14.4	0.069
31326	Core	14	18.5	92.2	0.005	1.160	2.61	7.4	1.8	1.7	51.3	0.10	<0.05	8.1	0.044
31327	Core	<10	7.1	35.7	0.005	0.571	1.06	4.1	2.2	1.2	19.2	0.07	<0.05	7.2	0.029
31328	Core	<10	2427.5	63.4	0.005	5.717	12.44	4.0	1.9	8.8	14.7	0.06	<0.05	6.0	0.029

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31329	Core	<10	118.1	10.9	0.005	0.519	1.27	1.5	3.1	1.6	6.7	<0.05	<0.05	4.1	0.010
31330	Core	<10	12.8	65.7	0.004	0.739	1.90	5.4	2.2	1.7	23.9	0.08	<0.05	8.9	0.037
31331	Core	53	45.0	54.3	0.007	0.775	1.43	6.1	2.5	1.5	85.4	0.09	<0.05	9.1	0.040
31332	Core	123	12.8	202.2	0.006	0.926	1.95	15.9	4.0	2.8	90.5	0.15	<0.05	11.4	0.086
31333	Core	121	13.2	218.6	0.006	1.315	2.19	17.2	2.6	2.5	92.1	0.14	<0.05	10.4	0.087
31334	Reject	182	10.9	221.0	0.007	0.860	3.94	18.8	3.5	3.1	89.5	0.18	<0.05	10.6	0.108
31335	Pulp	3537	5.9	120.7	0.054	1.196	16.51	6.0	12.1	1.8	108.9	0.38	0.05	5.6	0.188
31336	Reject	185	9.1	217.7	0.005	0.816	3.52	17.8	3.1	3.1	97.6	0.25	<0.05	13.0	0.125
31337	Core	162	15.8	225.5	0.005	0.543	3.41	17.8	2.1	2.6	85.6	0.19	<0.05	13.7	0.105
31338	Core	126	30.3	194.3	0.007	1.200	5.49	15.6	2.3	2.4	88.5	0.15	<0.05	9.4	0.087
31339	Core	151	16.0	202.8	0.008	0.675	2.86	16.7	1.7	2.4	89.8	0.13	<0.05	11.3	0.081
31340	Core	143	15.2	192.0	0.005	0.470	2.30	16.7	3.1	2.6	102.2	0.16	<0.05	11.7	0.087
31341	Core	281	19.3	243.6	0.009	1.151	4.20	19.3	3.5	2.9	88.2	0.13	<0.05	12.2	0.104
31342	Core	121	83.2	236.4	0.007	1.008	5.02	19.5	4.2	3.2	93.5	0.22	<0.05	12.7	0.110

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31289	Core	1.01	4.3	161	0.7	7.1	117	87.8
31290	Core	1.14	3.9	168	0.9	7.4	136	91.4
31291	Core	1.26	4.8	182	1.1	7.1	104	98.4
31292	Core	0.20	1.4	48	0.6	4.9	52	53.3
31293	Core	0.89	3.5	138	1.4	5.9	144	80.3
31294	Core	0.12	1.1	38	0.3	3.7	63	27.3
31295	Core	1.13	3.6	151	2.4	8.9	901	99.6
31296	Core	0.15	1.2	23	1.0	3.2	32	32.9
31297	Core	0.44	1.8	54	1.9	5.6	38	69.5
31298	Reject	0.48	<0.1	55	1.4	4.7	202	59.3
31299	Reject	0.44	<0.1	52	1.4	5.5	139	70.3
31300	Core	<0.02	0.4	296	<0.1	0.9	32	0.5
31301	Core	0.08	1.0	17	0.9	3.8	212	35.9
31302	Core	0.34	2.2	50	2.4	6.8	87	90.3
31303	Core	0.17	1.3	35	1.4	4.6	66	56.6
31304	Core	0.11	0.9	17	1.0	2.6	113	28.9
31305	Core	0.06	0.7	11	0.7	1.7	40	16.1
31306	Core	0.09	0.8	13	1.0	2.2	51	23.7
31307	Core	0.53	3.3	79	3.1	10.5	82	137.4
31308	Core	0.78	3.3	101	3.3	8.0	116	115.0
31309	Core	0.09	0.5	13	0.7	2.0	2388	18.1
31310	Core	0.09	0.9	10	0.9	1.9	2093	22.1
31311	Core	0.08	0.9	10	0.9	2.5	695	25.5
31312	Core	0.13	1.0	13	1.2	2.7	308	28.4
31313	Core	0.34	1.6	35	1.5	5.2	491	58.2
31314	Core	0.16	0.9	17	1.4	2.8	1594	34.6
31315	Core	0.42	2.6	55	2.6	6.7	63	94.8
31316	Core	0.09	0.7	10	0.8	2.0	181	20.5
31317	Core	0.08	0.9	11	0.8	3.0	218	27.0
31318	Core	0.56	3.9	100	4.6	9.3	90	133.0
31319	Core	0.28	1.9	52	2.0	4.8	95	62.1
31320	Core	0.07	0.5	6	0.7	1.6	199	15.9
31321	Core	0.07	0.8	9	1.1	2.6	67	27.8
31322	Core	0.30	1.8	49	2.6	5.3	71	65.0
31323	Core	0.23	1.9	41	2.4	3.3	196	50.4
31324	Core	0.31	1.6	53	2.2	3.3	39	48.2
31325	Core	0.91	3.5	120	4.9	6.7	74	85.0
31326	Core	0.45	1.8	69	2.1	3.0	46	42.5
31327	Core	0.17	1.2	34	1.9	3.1	40	36.1
31328	Core	0.36	1.1	42	2.3	2.2	1474	27.6

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31329	Core	0.07	0.7	11	0.8	1.6	192	19.5
31330	Core	0.33	1.5	48	1.8	3.6	64	48.3
31331	Core	0.27	1.7	54	2.2	4.2	77	54.0
31332	Core	0.98	3.1	146	2.7	4.7	105	70.3
31333	Core	1.15	3.5	163	1.9	3.8	107	68.9
31334	Reject	0.98	3.6	154	3.3	5.1	100	78.7
31335	Pulp	12.17	8.0	403	32.1	23.1	217	72.4
31336	Reject	1.15	4.2	157	3.7	5.1	104	78.9
31337	Core	1.10	3.5	150	2.3	5.0	109	74.5
31338	Core	1.03	2.7	139	2.4	3.8	107	58.5
31339	Core	1.03	3.0	153	2.0	4.2	108	60.1
31340	Core	0.99	3.4	164	2.3	5.1	108	64.2
31341	Core	1.18	3.7	235	1.9	5.7	132	73.8
31342	Core	1.21	3.8	158	1.8	6.2	102	73.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31289	Core		0.20	>10	26.3	742	2.72	0.35	0.24	0.04	24.31	21.3	123	7.29	52.9
31289 Dup			0.22	>10	25.1	704	2.66	0.34	0.24	0.05	36.50	20.2	126	7.04	53.2
QCV1111-01857-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			99.60												5835.6
31307	Core		0.28	5.49	315.2	420	1.65	0.09	0.05	0.56	43.36	9.9	193	3.60	29.8
31307 Dup			0.30	5.68	305.9	427	1.84	0.11	0.05	0.53	30.34	10.1	225	3.65	29.7
QCV1111-01857-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.74	7.89	7.1	423	2.74	1.98	0.56	0.06	88.23	16.1		6.42	2295.0
31325	Core		0.38	7.65	264.7	495	2.44	0.39	0.15	0.22	19.44	17.5	169	5.97	36.1
31325 Dup			0.50	6.68	393.0	515	2.12	0.37	0.33	0.24	20.76	16.2	174	6.19	38.3
QCV1111-01857-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.79	7.74	9.1	455	2.80	2.23	0.57	0.06	95.83	16.8		7.15	2347.9
QCV1111-01857-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.10		10.2	426	2.80	8.02		0.27	80.02	23.4		6.17	>10000
31289	Core	0.009													
31289 Dup		0.074													
31307	Core	0.026													
31307 Dup		0.025													
QCV1111-01858-0004-BLK		<0.005													
31325	Core	0.098													
31325 Dup		0.090													
QCV1111-01858-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.896													

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31289	Core	5.36	29.49	1.20	3.0	0.07	2.71	12.6	69.8	1.18	304	0.56	0.28	2.9	48.1
31289 Dup		5.42	29.88	1.17	2.8	0.07	2.42	19.1	71.2	1.12	297	0.58	0.26	2.9	47.6
QCV1111-01857-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31307	Core	1.65	18.58	0.95	3.8	0.05	1.77	19.3	15.9	0.17	270	0.81	0.09	2.5	16.5
31307 Dup		1.84	19.62	0.93	4.2	0.05	1.90	13.3	16.3	0.17	273	0.85	0.10	2.3	17.7
QCV1111-01857-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.62	18.43		3.8	0.35	2.75	43.7	25.7	1.63		0.34	0.50	13.5	38.1
31325	Core	3.32	23.81	1.26	2.9	0.05	2.31	9.0	24.8	0.34	538	4.60	0.10	1.8	35.1
31325 Dup		3.47	23.79	1.21	2.8	0.06	1.44	9.6	25.8	0.34	917	4.76	0.05	1.6	35.0
QCV1111-01857-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.29	21.80		3.8	0.37	2.60	47.7	28.8	1.58		0.36	0.46	14.6	42.0
QCV1111-01857-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			19.36		3.7	1.26		38.7	27.9			0.68		14.1	43.9

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11-360-08427-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31289	Core	117	22.7	205.5	0.006	0.783	3.78	19.2	3.0	2.7	112.8	0.33	<0.05	16.2	0.106
31289 Dup		105	21.2	196.9	0.007	0.748	3.69	19.0	4.5	2.6	108.6	0.26	<0.05	15.8	0.107
QCV1111-01857-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9794.5												
31307	Core	35	69.6	121.9	0.009	0.491	1.26	8.5	2.3	4.2	42.1	0.19	<0.05	17.5	0.080
31307 Dup		32	72.5	126.8	0.007	0.495	1.29	9.3	3.8	4.4	42.3	0.19	<0.05	19.3	0.073
QCV1111-01857-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		608	10.4	203.0	0.003	0.302	1.25	12.9		10.5	31.9	0.97	<0.05	15.9	
31325	Core	401	59.6	165.6	0.009	1.173	3.53	12.9	2.5	2.9	73.5	0.15	<0.05	14.4	0.069
31325 Dup		600	96.2	163.4	0.009	1.535	3.70	13.3	2.1	3.1	74.8	0.14	<0.05	13.6	0.085
QCV1111-01857-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		584	11.5	227.2	0.009	0.258	1.05	14.2		11.4	35.2	0.96	<0.05	17.6	
QCV1111-01857-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			31.9	192.4	0.007	1.320	2.32	12.3		23.9	34.4	0.90	<0.05	16.3	

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31289	Core	1.01	4.3	161	0.7	7.1	117	87.8
31289 Dup		0.95	3.9	154	0.7	7.2	115	88.7
QCV1111-01857-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4841	
31307	Core	0.53	3.3	79	3.1	10.5	82	137.4
31307 Dup		0.65	3.7	80	3.3	9.5	83	135.1
QCV1111-01857-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.2		2.3	26.9	96	114.9
31325	Core	0.91	3.5	120	4.9	6.7	74	85.0
31325 Dup		0.89	3.4	174	4.7	7.1	87	90.3
QCV1111-01857-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.5		2.4	25.7	91	128.0
QCV1111-01857-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.94	3.7			26.4	165	121.3

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 58**
Client Reference: **Core 58**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	41	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

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11-360-08520-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29398	Core	0.008	0.49	3.10	77.3	145	0.84	0.16	0.12	0.25	31.16	5.8	222	1.55	14.0
29399	Core	0.005	0.53	7.77	64.6	556	1.88	0.38	0.26	0.38	26.01	10.1	205	4.08	30.4
29400	Core	0.011	0.37	5.11	136.0	375	1.67	0.18	0.02	0.09	33.95	4.8	210	2.93	11.0
29401	Core	0.019	0.90	9.52	54.2	708	2.81	0.35	0.14	0.30	26.32	10.5	200	5.21	28.6
29402	Core	0.014	0.29	9.02	35.7	631	2.07	0.31	0.19	0.25	29.13	11.5	170	4.94	42.7
29403	Core	<0.005	0.61	2.43	183.2	121	0.47	0.19	0.26	0.25	13.61	2.9	265	1.60	14.4
29404	Core	0.018	0.34	2.51	175.3	112	0.60	0.19	0.27	0.24	13.20	2.8	228	1.59	12.3
29405	Core	0.019	1.83	1.84	143.8	87	0.45	0.20	0.10	0.67	11.23	1.8	243	1.16	10.1
29406	Core	0.023	1.55	2.05	173.8	97	0.47	0.20	0.29	0.42	10.67	1.9	230	1.31	8.9
29407	Core	0.010	0.85	2.76	90.1	144	0.64	0.07	0.02	0.37	27.89	2.7	213	1.94	11.9
29408	Core	0.024	0.33	2.59	78.2	114	0.58	0.08	0.03	1.03	24.00	3.4	205	1.28	12.0
29409	Core	0.009	0.32	5.57	126.5	359	1.36	0.30	0.07	0.81	23.08	8.7	204	3.53	34.8
29410	Core	0.027	0.52	5.95	102.9	407	1.39	0.26	0.07	1.01	27.77	10.6	204	3.75	32.5
29411	Core	0.022	0.21	0.10	2.0	26	0.12	0.04	>10	0.07	1.61	1.1	11	0.36	2.9
29412	Core	<0.005	0.19	3.43	149.9	163	0.74	0.15	0.05	1.93	23.12	5.7	189	1.91	16.2
29413	Core	0.015	0.20	3.11	116.6	154	0.96	0.12	0.07	1.06	19.91	5.1	183	1.51	14.9
29414	Core	0.012	0.42	4.32	101.5	262	1.01	0.12	0.08	0.80	17.83	7.0	179	2.28	16.1
29415	Core	0.011	0.19	6.66	49.1	397	1.94	0.25	0.10	0.69	29.08	13.4	196	3.22	27.6
29416	Core	0.014	0.49	6.35	52.0	425	1.89	0.25	0.13	0.44	28.45	12.6	197	3.53	28.8
29417	Core	<0.005	0.40	2.06	10.7	80	0.58	0.07	0.06	0.33	27.10	3.9	187	0.94	7.0
29418	Core	0.012	0.18	5.74	42.6	358	1.46	0.19	0.11	0.44	39.55	8.6	193	3.12	20.3
29419	Core	0.014	0.22	7.73	76.0	531	2.04	0.21	0.10	0.47	28.37	10.6	185	4.03	16.8
29420	Core	0.067	0.45	2.93	802.0	157	0.81	0.14	0.07	1.28	23.49	6.0	197	1.97	8.2
29421	Core	0.064	0.18	1.82	1135.3	76	0.26	0.06	0.05	0.79	26.27	3.6	202	1.00	10.2
29422	Core	<0.005	0.23	1.98	16.7	82	0.38	0.06	0.07	0.66	27.97	3.5	171	0.93	7.6
29423	Core	<0.005	0.12	1.65	20.5	67	0.43	0.06	0.05	0.75	23.44	3.4	171	0.83	10.7
29424	Core	0.012	0.55	1.98	105.6	74	0.42	0.06	0.05	2.52	24.88	4.0	145	0.84	9.7
29425	Core	0.047	1.38	5.52	369.7	345	1.25	0.17	0.13	4.49	33.76	10.9	208	3.11	38.3
29426	Core	0.031	0.34	6.46	550.6	394	1.62	0.20	0.11	0.50	31.77	14.7	182	3.23	25.1
29427	Core	0.051	0.31	7.57	292.8	446	1.97	0.23	0.17	0.81	22.81	15.6	146	3.71	35.6
29428	Core	0.098	0.38	6.76	1157.9	403	1.68	0.18	0.27	0.38	40.17	18.7	142	3.31	28.3
29429	Core	0.109	0.55	7.14	868.5	405	1.85	0.21	0.16	0.85	48.22	18.8	129	3.30	31.3
29430	Core	0.267	0.44	3.31	5469.9	176	0.64	0.06	0.06	1.29	31.89	8.2	155	2.42	6.4
29431	Core	0.075	0.77	9.00	1154.1	534	2.04	0.25	0.16	2.65	38.63	19.6	124	6.00	20.5
29432	Core	0.015	0.92	9.84	89.9	623	2.19	0.30	0.21	4.85	32.84	21.3	129	5.09	35.0
29433	Core	0.015	0.53	8.68	108.1	591	2.32	0.22	0.20	0.55	23.05	18.7	134	4.64	24.7
29434	Core	0.007	0.59	>10	50.9	748	2.50	0.40	0.17	0.15	32.70	21.8	135	6.02	45.5
29435	Core	<0.005	0.36	>10	42.1	752	3.02	0.47	0.43	0.18	74.12	23.5	127	5.42	52.1
29436	Core	<0.005	0.23	7.60	36.3	460	2.66	0.24	0.28	0.10	63.93	21.1	138	3.58	35.3
29437	Core	<0.005	0.20	8.67	43.9	482	2.33	0.27	0.14	0.44	48.46	20.4	133	4.12	40.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
29438	Core	<0.005	0.45	8.56	50.5	503	2.07	0.26	0.17	0.11	51.02	22.6	142	3.81	50.8

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11-360-08520-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29398	Core	1.65	8.62	0.77	1.5	0.03	0.71	14.9	10.2	0.09	219	0.54	0.03	0.9	13.9
29399	Core	2.38	23.84	0.98	2.6	0.05	2.70	13.5	11.7	0.24	320	0.59	0.11	1.4	23.3
29400	Core	1.84	16.03	0.82	2.1	0.04	1.78	18.0	9.4	0.12	126	0.56	0.07	1.5	11.2
29401	Core	2.65	30.74	1.09	3.1	0.06	3.31	13.6	17.0	0.26	301	1.00	0.14	2.0	28.7
29402	Core	3.54	28.29	0.99	2.7	0.06	2.99	15.7	31.8	0.40	429	0.57	0.15	1.9	33.7
29403	Core	1.09	7.20	1.02	1.2	0.02	0.56	6.8	9.6	0.04	66	0.58	0.04	0.9	9.3
29404	Core	1.08	7.37	1.09	1.1	0.02	0.58	6.1	9.5	0.05	63	0.61	0.04	0.8	9.2
29405	Core	0.86	4.82	0.92	4.6	0.04	0.50	4.9	11.1	0.04	40	0.63	0.03	1.6	7.3
29406	Core	0.88	5.74	0.88	1.4	0.02	0.48	4.9	18.7	0.03	33	0.52	0.03	0.7	6.9
29407	Core	0.91	7.97	0.88	2.2	0.02	0.76	13.7	21.5	0.06	141	0.42	0.04	1.1	9.8
29408	Core	1.19	7.32	0.61	1.5	0.02	0.56	11.6	8.0	0.05	223	0.46	0.03	1.0	10.3
29409	Core	2.58	17.39	0.85	2.5	0.04	1.66	12.0	19.3	0.16	519	0.52	0.08	1.8	19.8
29410	Core	2.32	19.48	0.88	2.5	0.04	1.83	12.9	18.1	0.15	458	0.54	0.09	2.0	20.1
29411	Core	0.45	0.69	<0.05	0.2	<0.01	0.04	0.9	1.7	>10	217	0.07	<0.01	0.5	1.2
29412	Core	1.60	9.13	1.12	1.6	0.03	0.86	11.7	17.8	0.10	248	0.45	0.05	1.0	14.8
29413	Core	1.75	8.24	0.86	1.7	0.02	0.75	9.8	11.3	0.14	514	0.39	0.04	1.1	13.9
29414	Core	2.39	13.37	0.87	1.8	0.03	1.22	9.6	15.7	0.18	563	0.42	0.07	1.1	21.0
29415	Core	2.59	19.30	0.95	2.6	0.04	1.89	15.1	21.8	0.25	458	0.57	0.10	2.3	28.9
29416	Core	2.77	20.18	0.90	3.0	0.04	1.81	14.4	24.3	0.21	520	0.53	0.10	2.3	32.2
29417	Core	1.45	5.84	0.47	1.2	0.02	0.39	13.2	10.0	0.10	587	0.58	0.02	0.8	11.9
29418	Core	2.11	17.92	0.79	3.0	0.04	1.62	20.1	21.8	0.20	583	0.50	0.07	1.8	22.6
29419	Core	2.38	25.36	0.83	4.1	0.05	2.37	14.5	15.9	0.30	726	0.57	0.10	1.7	29.6
29420	Core	2.08	9.26	0.71	1.5	0.04	0.81	11.9	10.0	0.13	777	0.44	0.04	0.9	20.2
29421	Core	1.33	5.04	0.59	1.2	0.02	0.40	11.9	6.8	0.07	526	0.48	0.02	0.8	12.5
29422	Core	1.24	5.33	0.46	1.2	0.02	0.40	13.3	7.0	0.08	646	0.40	0.02	1.1	10.1
29423	Core	1.20	4.64	0.53	1.1	0.02	0.33	11.6	7.9	0.10	393	0.50	0.02	0.8	10.2
29424	Core	1.31	5.05	0.29	1.1	0.09	0.48	12.2	8.2	0.11	490	0.38	0.02	0.8	9.9
29425	Core	2.65	16.48	0.94	2.5	0.15	1.80	17.6	15.3	0.25	700	0.49	0.08	2.1	26.1
29426	Core	3.60	21.16	0.88	2.9	0.05	1.74	16.6	20.9	0.42	952	0.43	0.08	1.8	32.3
29427	Core	4.28	22.99	0.80	2.6	0.06	2.16	11.8	18.5	0.49	1058	0.46	0.09	1.6	33.8
29428	Core	4.83	23.00	0.91	3.2	0.06	1.86	19.9	21.4	0.46	1510	0.43	0.07	2.5	50.0
29429	Core	4.48	22.48	0.89	3.5	0.07	2.29	24.6	19.9	0.44	1581	0.44	0.09	2.7	47.1
29430	Core	3.12	10.17	0.92	1.8	0.09	1.20	15.7	7.9	0.22	1244	0.31	0.04	1.5	22.7
29431	Core	5.37	27.61	0.95	3.8	0.12	2.78	20.2	34.3	0.63	1705	0.37	0.11	2.7	55.1
29432	Core	5.37	27.88	0.86	3.5	0.21	2.97	17.9	30.7	0.60	1701	0.40	0.14	2.7	55.4
29433	Core	5.09	28.26	0.76	3.3	0.07	2.45	12.2	29.3	0.56	1619	0.49	0.11	2.1	52.8
29434	Core	5.11	33.90	0.97	3.2	0.08	3.14	16.3	36.3	0.61	1152	0.47	0.14	1.7	54.0
29435	Core	5.03	34.34	1.03	4.0	0.08	3.32	37.7	30.9	0.67	929	0.45	0.16	3.3	53.5
29436	Core	5.33	25.50	1.12	3.3	0.06	1.80	31.5	30.8	0.56	1152	0.43	0.09	2.6	49.8
29437	Core	5.16	27.40	0.73	3.4	0.07	2.25	24.5	36.2	0.73	1079	0.39	0.13	2.5	46.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29438	Core	5.49	27.12	0.97	3.7	0.07	2.23	26.3	32.6	0.59	1753	0.42	0.12	3.2	50.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29398	Core	606	23.1	40.6	<0.002	0.111	1.38	5.0	9.7	1.1	35.9	0.06	0.67	7.8	0.025
29399	Core	1004	13.2	138.4	0.002	0.232	2.38	12.7	9.0	2.1	58.6	0.11	0.68	13.9	0.058
29400	Core	271	64.7	103.8	<0.002		2.33	8.9	10.4	5.2	27.6	0.13	0.60	9.9	0.073
29401	Core	506	12.5	188.0	0.004	0.250	2.96	16.4	8.6	2.9	70.3	0.18	0.73	16.3	0.091
29402	Core	2437	15.4	175.2	0.004	0.089	2.00	15.1	10.4	2.3	59.5	0.14	0.68	14.5	0.073
29403	Core	1501	16.0	36.2	<0.002	0.156	1.99	4.6	15.1	1.4	49.6	0.08	0.65	5.3	0.020
29404	Core	1625	15.8	34.7	<0.002	0.152	1.88	4.6	13.9	1.4	49.6	0.08	0.60	5.6	0.021
29405	Core	1109	125.7	30.5	0.005	0.146	1.97	3.3	12.2	5.2	38.6	0.17	0.73	5.3	0.015
29406	Core	1698	14.6	29.3	0.005	0.066	1.41	3.6	15.6	1.1	49.1	0.08	0.71	5.7	0.016
29407	Core	83	12.6	49.2	0.004	0.202	1.30	4.8	10.6	2.0	26.9	0.10	0.60	8.9	0.028
29408	Core	142	23.9	33.9	0.005	0.132	0.94	4.6	7.7	1.5	15.6	0.09	0.64	7.4	0.025
29409	Core	214	19.2	98.3	0.003	0.267	2.01	9.5	7.4	2.8	41.9	0.19	0.67	12.1	0.058
29410	Core	212	13.7	110.4	0.002	0.270	2.30	10.7	7.2	2.7	46.8	0.17	0.64	11.6	0.066
29411	Core	173	3.7	2.4	0.004	<0.01	0.09	1.7	7.1	0.3	42.2	0.24	0.58	0.6	<0.005
29412	Core	149	14.7	45.6	0.002	0.248	1.31	5.6	5.7	1.3	30.7	0.10	0.64	8.3	0.034
29413	Core	133	8.8	42.2	0.003	0.187	1.10	5.1	8.0	1.1	24.0	0.08	0.60	8.0	0.033
29414	Core	125	9.5	69.4	0.005	0.217	1.43	7.8	7.3	1.3	26.9	0.11	0.58	9.0	0.042
29415	Core	256	8.2	108.5	0.003	0.227	2.46	11.3	7.8	2.2	45.3	0.18	0.70	12.5	0.080
29416	Core	283	13.7	113.1	0.004	0.142	2.47	11.3	8.3	1.7	42.1	0.18	0.69	12.3	0.078
29417	Core	119	11.7	24.2	<0.002	0.054	0.69	3.9	7.1	1.5	19.2	0.06	0.61	7.0	0.024
29418	Core	240	11.1	102.9	<0.002	0.148	1.58	9.8	7.4	1.6	38.7	0.15	0.61	14.2	0.063
29419	Core	221	16.1	149.5	<0.002	0.149	1.85	13.7	7.2	2.5	40.0	0.15	0.70	18.4	0.072
29420	Core	139	57.2	56.1	0.003	0.697	3.32	5.8	8.1	1.8	24.3	0.08	0.65	7.4	0.033
29421	Core	109	10.6	26.1	0.003	0.502	3.90	3.6	7.0	1.2	12.8	0.06	0.64	6.5	0.025
29422	Core	180	10.8	24.4	0.003	0.062	0.54	3.8	7.6	1.0	16.5	0.07	0.57	7.0	0.027
29423	Core	104	14.3	20.4	0.005	0.143	0.52	3.2	7.8	1.4	13.5	0.06	0.64	5.8	0.024
29424	Core	135	124.4	28.2	<0.002	0.269	0.83	3.6	6.6	3.8	20.4	0.06	0.59	5.7	0.027
29425	Core	424	144.9	115.1	0.004	1.311	1.59	9.2	7.0	11.4	62.4	0.15	0.60	12.2	0.069
29426	Core	171	12.2	115.2	0.004	0.571	2.15	12.5	7.7	2.9	41.3	0.16	0.66	12.9	0.073
29427	Core	400	42.6	131.6	<0.002	0.925	2.43	13.8	8.2	2.2	46.8	0.13	0.61	11.8	0.069
29428	Core	678	22.9	129.1	0.004	1.581	3.49	14.1	6.8	4.9	45.5	0.20	0.66	12.9	0.095
29429	Core	401	98.8	133.5	0.003	1.849	3.61	13.2	7.0	5.6	39.4	0.20	0.65	14.3	0.098
29430	Core	72	97.9	83.1	0.003	1.881	9.27	7.2	6.4	4.9	24.1	0.11	0.62	8.5	0.050
29431	Core	395	278.1	170.5	0.003	1.554	4.59	17.1	6.5	7.0	59.3	0.23	0.60	16.3	0.107
29432	Core	290	97.1	172.6	0.002	0.645	3.43	17.7	8.4	7.2	54.7	0.28	0.64	15.6	0.108
29433	Core	473	23.6	173.4	0.002	1.112	3.93	17.5	9.2	5.0	50.7	0.18	0.65	14.5	0.085
29434	Core	294	15.5	207.4	0.003	0.237	2.19	19.6	7.3	2.7	68.6	0.16	0.66	15.3	0.082
29435	Core	1396	28.8	194.5	0.003	0.146	2.57	21.3	8.4	2.9	156.4	0.29	0.72	18.2	0.131
29436	Core	597	26.3	121.0	<0.002	0.080	1.83	15.5	7.6	2.1	61.2	0.18	0.63	14.8	0.097
29437	Core	199	24.2	134.8	0.004	0.114	2.44	15.7	8.0	2.1	55.3	0.19	0.69	14.6	0.087

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample Description	Sample Type	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1.0	0.2	0.2	0.05	0.05	0.2	0.005
29438	Core	250	12.5	136.5	0.004	0.181	1.87	16.6	7.8	2.9	47.2	0.22	0.64	15.1	0.108

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29398	Core	0.21	1.6	88	1.0	4.6	68	46.3
29399	Core	0.69	3.5	131	1.5	7.7	98	82.4
29400	Core	0.49	2.2	114	1.8	4.7	82	63.6
29401	Core	0.90	3.9	152	2.5	7.6	75	96.9
29402	Core	0.77	3.2	147	1.3	7.4	99	83.3
29403	Core	0.22	2.1	95	1.2	5.9	44	36.3
29404	Core	0.21	2.1	92	1.0	5.9	44	35.7
29405	Core	0.26	1.6	62	0.8	3.7	41	31.6
29406	Core	0.20	2.0	81	1.0	5.1	39	34.5
29407	Core	0.28	1.4	91	1.5	3.9	38	56.7
29408	Core	0.20	1.2	88	0.9	3.5	60	52.0
29409	Core	0.51	2.2	115	1.9	6.2	93	69.8
29410	Core	0.55	2.3	120	2.0	6.5	81	75.7
29411	Core	0.04	0.8	98	0.2	0.9	16	0.9
29412	Core	0.29	1.7	102	1.3	3.5	70	42.8
29413	Core	0.26	1.3	104	1.1	3.7	54	45.5
29414	Core	0.38	1.7	120	0.9	4.2	58	60.4
29415	Core	0.66	2.6	130	1.3	6.1	80	79.1
29416	Core	0.62	2.6	133	1.2	6.7	80	85.3
29417	Core	0.16	1.0	94	0.9	3.3	34	42.1
29418	Core	0.56	2.4	132	1.9	6.9	61	95.5
29419	Core	0.74	3.3	150	2.2	9.2	51	128.8
29420	Core	0.32	1.2	104	2.2	4.3	56	43.1
29421	Core	0.19	0.9	89	0.7	3.7	35	39.0
29422	Core	0.15	1.1	88	0.7	4.0	37	37.4
29423	Core	0.12	0.8	81	0.5	2.9	40	34.5
29424	Core	0.16	0.9	74	0.7	4.9	224	35.4
29425	Core	0.56	2.3	115	1.5	6.6	367	75.8
29426	Core	0.57	2.7	135	1.6	7.1	98	90.5
29427	Core	0.68	3.1	148	1.7	9.5	165	88.3
29428	Core	0.70	3.2	138	2.5	11.1	113	93.9
29429	Core	0.70	2.9	140	2.6	9.8	123	106.9
29430	Core	0.46	1.2	96	2.1	5.3	122	56.6
29431	Core	0.86	3.7	150	3.5	9.9	284	110.3
29432	Core	0.87	3.5	154	2.7	10.0	456	108.9
29433	Core	0.87	3.7	157	1.9	9.3	111	110.9
29434	Core	1.02	4.1	164	1.8	9.2	129	105.1
29435	Core	0.91	4.6	170	2.2	14.1	145	133.0
29436	Core	0.60	3.1	158	1.6	10.3	133	109.8
29437	Core	0.65	3.5	163	1.6	9.1	139	110.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29438	Core	0.61	3.3	158	1.6	10.7	149	127.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29398	Core		0.49	3.10	77.3	145	0.84	0.16	0.12	0.25	31.16	5.8	222	1.55	14.0
29398 Dup			0.50	3.12	75.6	143	0.87	0.16	0.12	0.25	24.49	5.7	207	1.56	14.5
QCV1111-00425-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.56	4.39	7097.6	224						9.9			28.0
29416	Core		0.49	6.35	52.0	425	1.89	0.25	0.13	0.44	28.45	12.6	197	3.53	28.8
29416 Dup			0.52	6.51	55.1	441	1.78	0.26	0.13	0.43	31.46	12.1	210	3.64	28.8
QCV1111-00425-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.04		12.9	452	2.68	9.10		0.19	89.52	22.9		7.40	>10000
29434	Core		0.59	>10	50.9	748	2.50	0.40	0.17	0.15	32.70	21.8	135	6.02	45.5
29434 Dup			0.55	>10	53.2	743	2.86	0.40	0.18	0.17	53.46	19.8	133	6.03	42.9
QCV1111-00425-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.61	4.14	7486.0	223						10.3			26.2
29398	Core	0.008													
29398 Dup		0.008													
29416	Core	0.014													
29416 Dup		0.007													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.361													
QCV1111-00426-0004-BLK		<0.005													
29434	Core	0.007													
29434 Dup		0.009													
QCV1111-00426-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.895													

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11-360-08520-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29398	Core	1.65	8.62	0.77	1.5	0.03	0.71	14.9	10.2	0.09	219	0.54	0.03	0.9	13.9
29398 Dup		1.63	8.87	0.80	1.5	0.03	0.73	10.3	9.8	0.09	216	0.55	0.03	0.9	13.9
QCV1111-00425-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.93	499				47.9
29416	Core	2.77	20.18	0.90	3.0	0.04	1.81	14.4	24.3	0.21	520	0.53	0.10	2.3	32.2
29416 Dup		2.79	21.78	0.91	2.9	0.05	1.89	16.4	24.5	0.22	523	0.57	0.10	2.2	33.5
QCV1111-00425-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result					4.0	1.16		45.8	25.0			0.77		13.9	46.3
29434	Core	5.11	33.90	0.97	3.2	0.08	3.14	16.3	36.3	0.61	1152	0.47	0.14	1.7	54.0
29434 Dup		5.19	32.87	0.94	3.7	0.08	2.93	29.2	34.8	0.60	1177	0.43	0.13	2.0	51.7
QCV1111-00425-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.78	521				50.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29398	Core	606	23.1	40.6	<0.002	0.111	1.38	5.0	9.7	1.1	35.9	0.06	0.67	7.8	0.025
29398 Dup		599	22.6	41.8	<0.002	0.108	1.46	5.1	10.4	1.1	35.9	0.07	0.62	7.7	0.027
QCV1111-00425-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		301	12.5												
29416	Core	283	13.7	113.1	0.004	0.142	2.47	11.3	8.3	1.7	42.1	0.18	0.69	12.3	0.078
29416 Dup		282	13.3	121.1	0.002	0.145	2.32	11.7	8.2	1.8	42.2	0.18	0.71	12.8	0.079
QCV1111-00425-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380				22.6					
STD-OREAS94-4A result			32.4	211.8	0.002	1.292				21.8		0.94	0.64	17.9	
29434	Core	294	15.5	207.4	0.003	0.237	2.19	19.6	7.3	2.7	68.6	0.16	0.66	15.3	0.082
29434 Dup		317	13.5	200.7	0.003	0.239	2.37	20.5	7.8	2.9	68.2	0.27	0.71	16.9	0.126
QCV1111-00425-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		312	12.6												

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29398	Core	0.21	1.6	88	1.0	4.6	68	46.3
29398 Dup		0.22	1.7	92	1.1	4.5	66	48.9
QCV1111-00425-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		17.63					217	
29416	Core	0.62	2.6	133	1.2	6.7	80	85.3
29416 Dup		0.59	2.7	141	1.2	6.9	82	88.7
QCV1111-00425-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.93	3.1			26.2	180	121.8
29434	Core	1.02	4.1	164	1.8	9.2	129	105.1
29434 Dup		0.96	4.1	169	2.3	9.7	134	116.1
QCV1111-00425-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		17.54					211	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 59**
Client Reference: **Core 59**
Description: **3 ACE**

Date Received: 11/08/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	37	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08522-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29361	Core	0.008	0.36	>10	41.8	799	3.53	0.52	0.17	0.11	56.64	17.8	166	6.57	50.7
29362	Core	0.006	0.29	>10	45.1	894	3.84	0.40	0.28	0.07	79.51	17.9	142	10.95	48.0
29363	Core	0.006	0.26	>10	47.0	951	4.68	0.40	0.11	0.07	66.20	20.1	159	7.06	46.3
29364	Core	<0.005	0.21	>10	44.5	986	4.16	0.36	0.14	0.08	60.21	17.9	155	7.08	37.3
29365	Core	<0.005	0.23	>10	36.7	973	3.36	0.52	0.17	0.27	67.88	18.6	151	6.16	48.3
29366	Core	<0.005	0.25	>10	34.6	952	4.22	0.56	0.07	0.03	59.31	21.2	155	6.98	58.3
29367	Core	0.006	0.25	9.12	34.9	525	2.29	0.54	0.18	0.51	22.91	20.1	159	3.45	83.1
29368	Core	0.017	0.42	>10	46.6	695	2.64	0.68	0.03	<0.02	64.73	1.0	161	5.36	24.8
29369	Core	0.031	0.40	3.15	62.3	119	0.72	0.16	0.04	0.02	34.59	1.2	135	1.90	18.9
29370	Core	0.043	0.16	2.74	58.7	125	0.50	0.11	0.01	0.03	32.90	2.6	113	1.73	10.8
29371	Core	<0.005	0.15	2.76	41.0	126	0.58	0.11	0.01	0.02	29.43	1.8	153	1.47	9.4
29372	Core	<0.005	0.29	2.79	35.3	125	0.50	0.08	0.02	0.17	29.74	2.0	152	1.46	9.5
29373	Reject	<0.005	0.12	2.22	26.8	108	0.70	0.07	0.01	<0.02	29.46	2.0	161	1.32	8.0
29374	Core	<0.005	0.13	2.45	46.4	108	0.48	0.07	0.01	<0.02	28.33	0.6	188	1.25	5.7
29375	Core	0.020	0.17	2.30	696.5	101	0.40	0.07	<0.01	<0.02	29.30	0.6	153	1.29	7.1
29376	Core	<0.005	0.12	2.50	152.4	105	0.52	0.07	<0.01	0.02	30.11	0.6	124	1.35	4.5
29377	Core	0.017	0.13	2.22	221.0	124	0.41	0.05	0.01	0.02	33.49	0.7	126	1.89	5.1
29378	Core	0.040	0.21	2.35	414.7	130	0.53	0.07	<0.01	0.04	31.43	0.6	124	1.67	7.1
29379	Core	0.016	0.27	2.29	354.7	117	0.40	0.05	<0.01	0.03	30.34	0.6	112	1.73	5.9
29380	Core	0.055	0.23	1.86	903.3	105	0.51	0.05	0.01	<0.02	23.12	0.4	167	1.47	3.8
29381	Core	0.019	0.33	2.30	382.4	128	0.47	0.05	<0.01	0.02	27.20	1.0	114	1.75	13.5
29382	Core	0.005	0.15	2.56	104.4	128	0.51	0.09	0.01	0.03	34.97	0.7	117	1.55	7.0
29383	Core	0.017	0.17	2.83	515.6	139	0.41	0.08	<0.01	0.03	37.04	0.6	95	1.63	9.6
29384	Core	0.011	0.45	2.80	133.8	141	0.73	0.08	0.01	0.03	36.85	0.8	84	1.68	12.9
29385	Core	<0.005	0.25	2.66	109.2	134	0.68	0.06	0.01	0.04	30.81	0.6	103	1.50	9.9
29386	Core	<0.005	0.44	6.68	192.0	408	2.00	0.18	0.01	0.09	59.67	6.4	136	3.51	21.2
29387	Core	0.223	2.04	2.27	2703.8	100	0.33	0.54	0.01	0.29	32.28	0.7	104	1.54	14.7
29388	Core	0.006	0.31	2.55	326.6	107	0.57	0.08	0.01	0.08	26.96	0.9	189	1.49	9.7
29389	Core	<0.005	0.28	2.57	133.0	94	0.66	0.09	0.02	0.76	31.98	2.5	92	1.21	10.9
29390	Core	<0.005	0.22	4.48	236.0	244	1.18	0.15	0.06	0.17	47.41	12.4	128	2.55	25.3
29391	Core	0.015	0.32	5.59	181.9	332	1.73	0.26	0.08	0.12	56.89	9.4	132	3.00	26.7
29392	Core	0.016	0.17	2.69	53.3	119	0.52	0.10	0.01	0.11	37.20	1.8	137	1.39	11.0
29393	Core	<0.005	0.22	2.70	26.3	121	0.53	0.09	0.03	1.26	34.40	3.1	116	1.48	14.3
29394	Core	0.006	0.20	2.89	56.1	116	0.66	0.10	0.04	0.65	29.80	4.8	150	1.55	17.3
29395	Core	0.018	0.23	2.75	104.8	89	0.59	0.10	0.04	0.49	24.98	4.1	208	1.39	15.0
29396	Core	0.007	0.33	2.39	97.4	91	0.49	0.12	0.02	0.13	27.95	1.0	157	1.51	8.2
29397	Core	<0.005	0.23	2.30	131.7	88	0.44	0.17	0.02	0.24	29.71	1.5	116	1.35	12.2
32530	Reject	<0.005	0.14	2.11	24.1	114	0.51	0.06	0.01	<0.02	30.58	0.9	159	1.46	9.8
32531	Core	<0.005	0.18	0.07	0.7	22	0.12	0.03	>10	0.07	1.20	1.0	13	0.36	3.4

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Certificate of Analysis

11-360-08522-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29361	Core	5.58	35.07	1.38	3.0	0.08	4.21	32.3	60.2	1.16	470	0.63	0.17	<0.1	47.8
29362	Core	5.54	42.07	1.61	3.0	0.09	4.95	44.9	66.5	1.22	405	0.45	0.20	<0.1	50.9
29363	Core	5.63	45.21	1.67	3.2	0.09	4.61	38.2	61.4	1.19	399	0.44	0.18	<0.1	56.8
29364	Core	5.39	45.36	1.51	3.1	0.09	4.69	35.3	59.3	1.10	372	0.46	0.19	<0.1	55.2
29365	Core	4.84	42.30	1.42	3.3	0.09	4.67	39.8	58.6	0.95	412	0.55	0.20	<0.1	54.5
29366	Core	5.70	40.86	1.38	3.3	0.09	4.62	34.2	38.9	0.34	422	0.65	0.21	<0.1	52.8
29367	Core	3.94	26.90	1.60	2.4	0.06	2.77	11.0	37.3	0.19	247	0.94	0.14	<0.1	35.7
29368	Core	3.76	32.38	1.16	2.6	0.07	3.44	35.4	19.3	0.17	32	1.48	0.17	<0.1	4.6
29369	Core	2.07	10.50	0.91	1.9	0.02	0.57	17.8	45.0	0.03	29	0.60	0.03	<0.1	4.6
29370	Core	1.55	8.33	0.70	1.7	0.02	0.69	15.0	23.8	0.04	68	0.61	0.06	1.0	5.3
29371	Core	1.16	7.65	0.63	1.4	0.01	0.65	13.8	19.1	0.03	47	0.52	0.04	<0.1	6.1
29372	Core	0.80	7.49	0.63	1.5	0.02	0.67	13.8	22.3	0.03	33	0.42	0.05	<0.1	10.6
29373	Reject	0.47	6.39	0.73	1.5	0.01	0.56	13.6	11.6	0.03	18	0.41	0.04	0.9	3.3
29374	Core	0.49	6.46	0.76	1.4	0.01	0.62	13.5	9.8	0.03	16	0.44	0.04	<0.1	3.3
29375	Core	0.52	6.38	0.63	1.3	0.01	0.60	13.5	11.8	0.03	16	0.48	0.04	0.8	3.5
29376	Core	0.49	6.27	0.63	1.5	0.01	0.67	13.7	11.6	0.04	17	0.46	0.04	0.9	3.2
29377	Core	0.52	6.66	0.90	1.5	0.01	0.80	15.4	6.8	0.05	20	0.52	0.04	0.9	3.5
29378	Core	0.67	7.36	0.84	1.7	0.02	0.81	14.5	4.7	0.06	20	0.45	0.03	0.5	3.1
29379	Core	0.61	6.58	0.94	1.6	0.01	0.76	13.6	13.8	0.05	19	0.56	0.04	<0.1	3.5
29380	Core	0.47	5.59	1.29	2.0	0.02	0.70	10.4	6.0	0.06	23	0.51	0.04	<0.1	3.2
29381	Core	0.56	6.84	1.14	1.9	0.02	0.91	12.3	5.6	0.06	20	0.54	0.04	<0.1	2.8
29382	Core	0.71	7.76	0.67	1.8	0.02	0.73	15.6	12.2	0.04	24	0.69	0.04	<0.1	4.1
29383	Core	0.88	8.76	0.71	2.1	0.03	0.88	16.6	7.2	0.05	17	0.47	0.04	<0.1	2.7
29384	Core	0.50	8.74	0.72	2.1	0.03	0.84	17.4	12.9	0.05	17	0.44	0.04	1.2	3.4
29385	Core	0.86	8.86	0.94	1.5	0.02	0.65	14.7	8.5	0.04	17	0.46	0.03	<0.1	3.5
29386	Core	1.93	22.99	1.10	3.0	0.08	2.06	30.4	13.9	0.13	49	0.49	0.09	0.3	13.5
29387	Core	1.07	7.20	1.02	1.7	0.22	0.67	14.2	15.9	0.05	24	0.31	0.03	<0.1	2.9
29388	Core	0.79	6.75	1.06	1.5	0.03	0.71	12.4	11.8	0.04	29	0.58	0.04	1.0	4.9
29389	Core	1.16	6.90	0.63	1.6	0.02	0.61	13.9	8.6	0.06	84	0.39	0.03	<0.1	9.1
29390	Core	2.74	14.24	1.08	2.4	0.03	1.28	21.8	13.8	0.24	280	0.59	0.05	<0.1	29.6
29391	Core	2.60	17.97	1.18	2.3	0.04	1.75	28.2	13.5	0.19	196	0.39	0.07	<0.1	21.6
29392	Core	1.06	8.36	0.74	1.6	0.02	0.61	17.5	9.5	0.04	33	0.73	0.03	0.9	5.5
29393	Core	1.21	8.34	0.93	1.9	0.05	0.65	16.7	8.7	0.10	168	0.43	0.03	<0.1	11.0
29394	Core	1.67	8.10	0.80	1.5	0.03	0.69	13.6	9.5	0.11	166	0.55	0.03	<0.1	14.6
29395	Core	1.43	6.95	0.75	1.2	0.03	0.57	11.7	9.0	0.09	233	0.54	0.03	0.9	11.0
29396	Core	0.69	6.91	0.77	1.4	0.02	0.58	13.1	10.0	0.04	50	0.46	0.03	<0.1	4.9
29397	Core	0.89	6.47	0.73	1.3	0.04	0.51	13.2	7.0	0.04	44	0.56	0.02	<0.1	6.1
32530	Reject	0.46	7.04	0.73	1.6	0.02	0.53	13.5	14.6	0.03	19	0.49	0.04	<0.1	3.9
32531	Core	0.48	0.70	<0.05	<0.1	0.01	0.03	0.7	1.1	>10	209	0.07	<0.01	0.3	3.1

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11-360-08522-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29361	Core	767	38.8	216.2	<0.002	0.063	2.03	20.1	11.1	3.1	59.1	0.35	0.80	19.4	0.122
29362	Core	1225	30.9	260.7	0.004	0.117	2.05	23.1	9.6	3.3	75.0	0.40	0.78	20.8	0.138
29363	Core	424	30.1	267.6	0.004	0.320	2.26	22.0	10.8	3.2	60.1	0.43	0.75	21.1	0.147
29364	Core	552	24.4	285.2	0.004	0.188	1.91	24.0	11.4	3.4	73.4	0.38	0.84	21.3	0.146
29365	Core	675	70.7	256.6	<0.002	0.262	2.35	24.2	9.9	3.2	75.4	0.32	0.86	21.2	0.126
29366	Core	585	27.6	249.1	0.005	0.142	3.71	24.7	10.7	3.5	113.1	0.27	0.91	19.7	0.116
29367	Core	777	38.1	128.5	0.006	0.739	4.65	14.2	12.4	2.2	243.7	0.19	0.95	15.5	0.072
29368	Core	1626	38.4	177.9	0.003	0.140	8.37	17.6	21.0	2.6	258.7	0.22	1.01	20.8	0.092
29369	Core	537	20.8	36.2	0.004	0.077	3.07	5.1	20.6	1.0	61.7	0.11	0.74	10.6	0.036
29370	Core	244	13.1	37.9	0.002	0.033	2.06	3.7	21.0	0.9	39.9	0.11	0.69	6.8	0.030
29371	Core	137	12.5	35.3	0.002	0.025	1.35	3.4	20.6	0.8	31.8	0.09	0.72	8.2	0.028
29372	Core	106	6.1	38.5	<0.002	0.025	0.99	3.5	20.2	0.8	28.4	0.10	0.69	9.1	0.030
29373	Reject	55	5.0	33.0	0.005	<0.01	1.24	3.0	19.8	1.1	22.8	0.08	0.78	5.4	0.028
29374	Core	96	9.1	31.3	0.002	<0.01	1.37	3.0	20.9	0.7	22.0	0.07	0.76	6.6	0.022
29375	Core	65	5.8	32.6	0.003	0.031	1.54	3.1	23.8	0.8	21.4	0.09	0.69	7.7	0.024
29376	Core	72	5.2	32.3	<0.002	0.014	1.09	3.1	21.8	0.9	19.0	0.08	0.68	7.7	0.030
29377	Core	57	3.7	44.6	<0.002	0.014	1.30	3.2	20.5	2.4	15.3	0.09	0.76	7.3	0.029
29378	Core	62	7.0	49.7	<0.002	0.015	1.61	3.2	21.1	2.5	12.9	0.10	0.76	7.0	0.032
29379	Core	68	4.5	42.7	0.004	0.017	1.69	3.1	21.4	2.4	15.0	0.08	0.80	5.3	0.031
29380	Core	97	4.1	43.6	0.007	0.031	2.25	3.3	21.0	4.4	13.4	0.12	0.68	4.4	0.023
29381	Core	88	7.1	51.6	0.004	0.020	2.26	3.5	23.5	5.7	14.9	0.10	0.74	4.8	0.027
29382	Core	74	17.1	41.4	0.005	0.018	0.91	3.8	23.5	1.8	20.4	0.10	0.74	8.0	0.034
29383	Core	82	15.2	47.6	0.005	0.040	1.64	4.3	25.4	3.4	16.7	0.11	0.70	6.9	0.043
29384	Core	65	36.1	49.0	0.003	0.017	0.90	4.0	22.0	3.4	20.5	0.18	0.76	7.5	0.059
29385	Core	163	16.6	40.2	0.005	0.024	1.01	4.1	30.0	1.4	23.1	0.12	0.67	11.0	0.037
29386	Core	349	65.3	120.3	<0.002	0.077	1.50	11.9	23.8	2.4	42.4	0.29	0.74	18.1	0.095
29387	Core	119	748.5	41.7	0.003	0.122	5.57	4.0	30.6	8.4	16.3	0.11	0.70	7.7	0.033
29388	Core	81	41.9	37.0	0.005	0.038	1.10	3.1	34.7	4.1	14.0	0.10	0.66	7.7	0.025
29389	Core	103	13.4	28.6	0.002	0.041	0.69	3.5	15.7	0.9	13.1	0.09	0.67	9.6	0.038
29390	Core	163	21.8	68.2	0.003	0.332	1.27	7.8	10.2	1.5	18.1	0.17	0.72	12.0	0.061
29391	Core	443	21.7	88.2	0.007	0.130	1.78	9.4	11.9	1.6	30.2	0.17	0.75	13.6	0.063
29392	Core	173	17.5	38.3	0.004	0.042	1.09	4.4	22.2	1.1	17.6	0.11	0.69	8.2	0.035
29393	Core	155	34.1	39.1	0.002	0.076	1.91	4.8	15.0	1.3	16.8	0.11	0.74	9.9	0.042
29394	Core	266	47.1	39.7	0.003	0.141	1.16	4.5	16.0	2.6	26.4	0.11	0.71	8.7	0.036
29395	Core	229	37.9	31.5	0.004	0.123	1.42	3.7	12.4	2.4	19.4	0.08	0.73	7.0	0.023
29396	Core	102	53.9	36.1	<0.002	0.022	1.73	3.4	19.9	2.5	16.0	0.08	0.69	5.9	0.029
29397	Core	214	49.7	32.0	0.003	0.037	1.43	3.7	24.3	2.7	18.7	0.08	0.78	8.0	0.035
32530	Reject	70	5.1	33.7	<0.002	<0.01	1.18	3.2	25.4	1.1	24.4	0.10	0.75	6.2	0.033
32531	Core	163	2.6	1.7	0.003	<0.01	<0.05	1.5	8.6	0.2	43.0	<0.05	0.69	0.3	<0.005

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29361	Core	1.16	4.4	162	3.9	11.2	134	93.1
29362	Core	1.29	4.6	176	<0.1	11.6	136	96.8
29363	Core	1.43	5.1	189	0.5	9.1	139	103.4
29364	Core	1.50	5.1	182	4.2	9.8	136	104.2
29365	Core	1.39	5.0	186	<0.1	10.9	186	104.1
29366	Core	1.34	4.9	184	<0.1	10.9	176	107.4
29367	Core	0.76	4.0	139	4.6	10.2	78	84.2
29368	Core	1.01	3.9	154	<0.1	10.1	31	104.2
29369	Core	0.23	1.6	92	1.2	5.2	29	58.6
29370	Core	0.23	1.3	84	3.3	5.1	33	50.3
29371	Core	0.22	1.2	81	3.0	4.2	29	48.6
29372	Core	0.20	1.4	81	3.5	4.0	23	46.6
29373	Reject	0.22	1.0	82	<0.1	3.7	8	50.0
29374	Core	0.22	1.0	81	0.7	3.5	6	43.6
29375	Core	0.25	1.0	83	<0.1	5.3	7	40.2
29376	Core	0.20	1.1	84	<0.1	3.4	8	46.3
29377	Core	0.31	0.9	87	<0.1	3.8	7	48.9
29378	Core	0.30	1.0	79	2.4	3.5	8	51.7
29379	Core	0.26	0.8	78	3.5	3.3	7	51.0
29380	Core	0.28	0.7	79	1.1	2.6	5	42.4
29381	Core	0.28	0.9	84	2.2	3.3	7	51.1
29382	Core	0.25	1.2	91	<0.1	3.9	9	51.0
29383	Core	0.29	1.1	91	<0.1	3.8	11	56.8
29384	Core	0.29	1.2	88	2.2	4.4	11	62.9
29385	Core	0.26	1.2	88	<0.1	3.3	17	55.1
29386	Core	0.64	3.1	134	2.7	6.7	117	83.5
29387	Core	0.25	1.1	83	<0.1	4.1	48	46.9
29388	Core	0.23	1.3	83	1.3	3.5	23	42.1
29389	Core	0.17	1.4	82	<0.1	4.0	45	47.1
29390	Core	0.35	2.1	111	3.4	6.8	75	84.6
29391	Core	0.49	2.7	113	2.1	6.9	81	72.0
29392	Core	0.22	1.3	91	1.8	4.4	26	50.3
29393	Core	0.25	1.4	93	<0.1	4.4	81	63.4
29394	Core	0.24	1.6	91	<0.1	6.1	102	46.8
29395	Core	0.33	1.1	92	<0.1	3.6	62	34.0
29396	Core	0.31	1.1	99	2.3	3.4	26	46.8
29397	Core	0.23	1.3	89	<0.1	4.0	45	44.9
32530	Reject	0.21	1.0	95	0.2	4.2	8	51.5
32531	Core	0.06	0.6	92	<0.1	0.9	17	0.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29361	Core		0.36	>10	41.8	799	3.53	0.52	0.17	0.11	56.64	17.8	166	6.57	50.7
29361 Dup			0.32	>10	41.5	799	3.56	0.48	0.17	0.14	71.60	17.7	156	6.54	49.0
QCV1111-00737-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			2.97		11.0	419	2.20	8.01		0.28	82.14	22.6		6.75	>10000
29379	Core		0.27	2.29	354.7	117	0.40	0.05	<0.01	0.03	30.34	0.6	112	1.73	5.9
29379 Dup			0.26	2.29	347.2	118	0.49	0.06	<0.01	0.03	28.58	0.6	125	1.75	5.7
QCV1111-00737-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.60	4.16	7363.3	228						9.9			26.5
29397	Core		0.23	2.30	131.7	88	0.44	0.17	0.02	0.24	29.71	1.5	116	1.35	12.2
29397 Dup			0.24	2.36	129.0	87	0.43	0.14	0.02	0.21	29.71	1.4	127	1.38	13.7
QCV1111-00737-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.50	4.24	7246.0	228						10.1			27.6
29361	Core	0.008													
29361 Dup		<0.005													
29379	Core	0.016													
29379 Dup		0.017													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.395													
QCV1111-00738-0004-BLK		<0.005													
29397	Core	<0.005													
29397 Dup		<0.005													
QCV1111-00738-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.006													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29361	Core	5.58	35.07	1.38	3.0	0.08	4.21	32.3	60.2	1.16	470	0.63	0.17	<0.1	47.8
29361 Dup		5.59	36.34	1.58	3.2	0.08	3.83	40.3	61.7	1.09	468	0.64	0.16	<0.1	47.3
QCV1111-00737-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			23.98		3.8	1.20		40.0	22.7			0.82		5.2	42.5
29379	Core	0.61	6.58	0.94	1.6	0.01	0.76	13.6	13.8	0.05	19	0.56	0.04	<0.1	3.5
29379 Dup		0.62	6.10	0.92	1.2	0.01	0.76	12.4	14.0	0.05	20	0.51	0.04	<0.1	3.8
QCV1111-00737-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.78	465				50.7
29397	Core	0.89	6.47	0.73	1.3	0.04	0.51	13.2	7.0	0.04	44	0.56	0.02	<0.1	6.1
29397 Dup		0.90	6.94	0.81	1.3	0.04	0.55	13.8	7.0	0.04	45	0.63	0.03	<0.1	5.9
QCV1111-00737-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.86	452				47.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29361	Core	767	38.8	216.2	<0.002	0.063	2.03	20.1	11.1	3.1	59.1	0.35	0.80	19.4	0.122
29361 Dup		757	43.5	214.7	0.003	0.059	1.94	19.8	9.1	2.9	60.4	0.35	0.85	20.0	0.121
QCV1111-00737-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.8	194.4	0.006	1.358	2.88	14.0	28.9	22.6	36.6	1.11	0.77	18.3	
29379	Core	68	4.5	42.7	0.004	0.017	1.69	3.1	21.4	2.4	15.0	0.08	0.80	5.3	0.031
29379 Dup		60	5.2	42.9	0.003	0.017	1.81	3.2	17.7	2.5	15.5	0.14	0.84	6.4	0.030
QCV1111-00737-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		324	12.6												
29397	Core	214	49.7	32.0	0.003	0.037	1.43	3.7	24.3	2.7	18.7	0.08	0.78	8.0	0.035
29397 Dup		189	48.5	31.6	<0.002	0.039	1.46	3.6	24.8	2.6	18.6	0.07	0.71	7.9	0.028
QCV1111-00737-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		349	12.9												

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11-360-08522-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29361	Core	1.16	4.4	162	3.9	11.2	134	93.1
29361 Dup		1.16	4.6	152	<0.1	10.1	132	93.9
QCV1111-00737-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.95	3.1			27.1	182	119.1
29379	Core	0.26	0.8	78	3.5	3.3	7	51.0
29379 Dup		0.29	0.9	72	<0.1	3.2	8	46.0
QCV1111-00737-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.01					207	
29397	Core	0.23	1.3	89	<0.1	4.0	45	44.9
29397 Dup		0.23	1.2	91	<0.1	3.9	43	49.1
QCV1111-00737-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		20.22					213	

3Ace Property, Northern Tiger Resources Inc.
Vol 9-372
Buchanan et al., 2011

3Ace Property, Northern Tiger Resources Inc.
Vol 9-373
Buchanan et al., 2011

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 60**
Client Reference: **Core 60**
Description: **3 ACE**

Date Received: 11/10/2011
Date Completed: 11/25/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	36	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
31005	Core		0.053	0.09	1.73	672.7	82	0.36	0.04	0.25	0.13	15.58	2.6	225	1.09
31006	Core	10.767	>10	1.16	>10	3841.8	1139	3.79	0.30	0.79	0.28	38.31	18.2	175	10.58
31007	Core		0.972	0.19	3.34	2543.0	206	0.65	0.06	0.61	0.05	31.27	4.8	141	2.18
31008	Core		0.044	0.09	2.86	384.1	159	0.51	0.06	0.28	0.17	26.60	3.5	107	1.85
31009	Core		<0.005	0.36	0.06	79.1	5	<0.05	0.02	0.06	<0.02	0.70	0.8	163	0.18
31010	Reject		0.050	0.20	2.45	1076.3	120	0.48	0.15	0.21	0.57	20.28	4.0	160	1.62
31011	Reject		0.047	0.13	2.62	1967.1	138	0.34	0.09	0.21	0.38	27.18	4.5	146	1.71
31012	Core		<0.005	0.21	0.05	4.3	20	<0.05	0.03	>10	0.06	1.22	1.0	9	0.21
31013	Core		0.063	0.38	2.37	199.1	130	0.51	0.08	0.21	0.58	27.33	2.8	126	1.59
31014	Core		0.025	0.13	2.46	162.9	136	0.48	0.10	0.21	0.31	22.27	3.0	145	1.48
31015	Core		0.008	0.08	2.13	44.3	97	0.48	0.04	0.49	0.15	21.95	3.5	142	1.28
31016	Core		0.222	0.31	>10	366.8	954	3.41	0.28	0.26	0.29	34.56	18.4	157	8.55
31017	Core		0.050	0.40	3.18	233.6	202	0.78	0.11	0.71	0.25	26.78	5.7	140	2.14
31018	Core		0.178	0.22	3.37	419.5	181	0.59	0.08	0.11	0.82	32.21	5.4	100	2.26
31019	Core		0.111	0.11	2.30	499.9	95	0.54	0.06	0.19	0.62	26.39	3.3	146	1.25
31020	Core		0.092	0.14	5.76	261.7	376	1.22	0.14	0.35	0.42	28.86	7.2	148	3.57
31021	Core		<0.005	0.11	2.58	138.8	91	0.63	0.06	0.05	0.25	24.65	4.1	178	1.21
31022	Core		<0.005	0.14	2.66	21.3	106	0.58	0.05	0.10	0.58	30.28	4.5	127	1.23
31023	Core		<0.005	0.14	5.75	23.3	294	1.30	0.09	0.23	0.10	39.25	9.0	108	2.93
31024	Core		0.008	0.13	2.21	16.7	87	0.55	0.05	0.73	0.12	24.97	3.1	170	1.13
31025	Core		0.007	0.10	2.23	14.8	70	0.49	0.06	0.36	0.07	24.49	4.4	156	1.06
31026	Core		<0.005	0.17	>10	38.1	726	3.48	0.40	0.42	0.08	53.93	18.1	131	8.09
31027	Core		0.009	0.17	>10	75.9	704	3.18	0.33	0.24	0.22	39.03	19.9	138	6.66
31028	Core		0.218	0.13	3.45	417.1	145	1.03	0.06	0.05	1.35	29.55	7.3	158	1.88
31029	Core		0.367	0.12	2.31	662.5	88	0.71	0.05	0.05	1.73	29.52	3.6	122	2.17
31030	Core		0.144	0.49	2.13	316.5	90	0.57	0.10	0.02	2.80	22.08	2.3	187	1.81
31031	Core		0.093	0.12	2.54	812.4	79	0.60	0.05	0.03	0.42	26.69	5.6	202	1.14
31032	Core		0.024	0.10	2.76	350.1	96	0.41	0.05	0.02	0.63	25.15	4.6	162	1.26
31033	Core		0.034	0.27	2.43	302.5	96	0.59	0.06	0.09	0.78	19.43	4.9	188	1.30
31034	Core		0.025	0.16	>10	132.4	710	3.41	0.31	0.19	1.21	43.10	15.6	171	7.04
31035	Core		<0.005	0.41	8.88	20.2	527	2.49	0.24	0.29	0.06	51.69	13.8	156	5.41
31036	Core		<0.005	0.15	9.44	25.2	572	1.95	0.28	0.22	0.08	46.79	16.8	175	5.80
31037	Core		0.558	0.34	7.64	218.2	437	2.21	0.28	0.89	2.91	25.83	12.5	184	4.40
31038	Core		0.007	0.16	9.35	29.2	590	2.45	0.29	0.43	0.05	62.74	13.2	181	5.84
31039	Core		<0.005	0.15	9.62	26.3	646	2.39	0.28	0.44	0.03	51.95	14.1	163	6.05
31040	Core		<0.005	0.19	>10	31.4	962	3.78	0.45	0.19	0.08	62.36	20.1	142	9.02
31041	Core		<0.005	0.14	8.13	23.3	505	2.07	0.20	0.50	0.03	39.79	11.4	187	5.35
31042	Core		0.047	0.12	3.38	72.6	123	0.78	0.10	1.61	0.10	23.26	8.7	198	1.49

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Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
31005	Core	9.3	0.81	3.49	1.31	2.1	0.01	0.62	7.2	17.9	0.16	235	0.52	0.03	0.9
31006	Core	37.9	3.19	36.99	1.39	6.0	0.09	5.03	21.1	51.4	0.77	671	0.77	0.31	4.9
31007	Core	8.3	1.20	7.61	1.34	1.5	0.02	1.36	14.7	4.2	0.33	685	0.63	0.06	0.9
31008	Core	12.8	0.97	5.99	1.03	1.3	0.03	1.09	12.0	4.7	0.20	346	0.35	0.05	0.8
31009	Core	5.2	0.29	0.33	1.62	<0.1	<0.01	0.02	<0.5	0.5	0.02	114	0.54	<0.01	0.2
31010	Reject	14.5	1.11	5.00	1.15	1.1	0.03	0.92	9.4	4.3	0.16	344	0.33	0.04	0.7
31011	Reject	16.2	1.17	5.56	1.16	1.4	0.02	0.96	12.0	4.5	0.17	300	0.39	0.04	0.8
31012	Core	2.6	0.51	0.30	<0.05	0.5	<0.01	0.02	0.7	0.8	>10	226	3.56	<0.01	0.7
31013	Core	7.0	0.85	4.53	1.15	1.2	0.02	0.90	12.3	4.7	0.17	273	0.43	0.04	0.8
31014	Core	10.4	0.88	4.88	1.21	1.3	0.02	0.85	9.5	4.9	0.15	242	0.56	0.04	0.8
31015	Core	9.4	1.14	4.15	0.71	1.0	<0.01	0.52	9.9	27.7	0.20	387	0.33	0.04	0.6
31016	Core	24.6	3.80	31.11	1.28	5.2	0.07	4.44	18.5	15.6	0.46	816	0.50	0.25	3.8
31017	Core	9.5	1.35	6.84	1.22	3.5	0.02	1.19	12.3	5.6	0.26	806	0.35	0.06	1.9
31018	Core	11.5	1.10	7.47	1.19	2.2	0.02	1.03	14.7	10.6	0.10	95	0.35	0.06	1.3
31019	Core	9.4	1.01	4.46	1.02	1.4	0.01	0.63	11.8	5.0	0.12	269	0.37	0.03	0.9
31020	Core	19.6	1.81	12.61	0.98	2.2	0.04	1.97	14.1	6.8	0.26	430	0.41	0.11	1.6
31021	Core	12.1	1.18	4.96	0.81	1.1	0.01	0.45	10.7	6.3	0.07	151	0.44	0.03	0.7
31022	Core	9.5	1.01	5.05	0.68	1.3	<0.01	0.51	13.6	5.6	0.12	370	0.32	0.03	0.8
31023	Core	20.4	2.48	12.37	0.89	2.2	0.03	1.32	17.7	19.2	0.44	415	0.35	0.09	1.6
31024	Core	8.9	1.14	4.43	0.70	1.2	0.01	0.43	11.0	20.8	0.32	451	0.45	0.06	0.8
31025	Core	10.0	1.71	4.57	0.86	1.1	0.01	0.34	10.5	21.7	0.31	357	0.39	0.12	0.8
31026	Core	51.8	5.45	27.41	1.15	3.5	0.07	3.49	29.6	60.6	0.94	430	0.44	0.23	2.2
31027	Core	51.1	4.60	26.31	1.14	3.1	0.07	3.49	20.9	41.4	0.66	425	0.44	0.24	2.1
31028	Core	14.0	1.60	7.39	0.90	1.6	0.02	0.74	13.8	14.4	0.07	212	0.43	0.04	1.1
31029	Core	10.4	0.99	5.12	1.02	1.3	0.01	0.51	13.2	9.8	0.05	57	0.56	0.03	0.8
31030	Core	10.1	0.94	4.73	1.43	1.0	0.07	0.57	10.4	8.6	0.06	35	0.40	0.02	0.7
31031	Core	9.3	1.49	5.63	1.12	1.1	0.02	0.42	12.4	11.5	0.04	111	0.42	0.02	0.6
31032	Core	9.7	1.40	5.50	0.86	1.1	0.01	0.49	11.4	11.1	0.05	242	0.43	0.03	0.7
31033	Core	18.0	1.84	4.54	0.91	1.0	0.03	0.59	9.1	8.5	0.10	517	0.62	0.03	0.6
31034	Core	42.5	4.15	24.80	1.22	3.1	0.08	3.07	24.1	39.4	0.62	443	0.49	0.21	2.4
31035	Core	33.3	4.00	19.62	1.26	2.5	0.05	2.35	27.6	47.0	0.86	370	0.51	0.18	2.4
31036	Core	44.0	4.61	20.87	1.41	2.5	0.05	2.57	25.7	61.8	1.05	295	0.51	0.32	2.3
31037	Core	34.6	4.02	17.43	1.43	2.1	0.08	2.19	13.6	35.6	1.05	688	0.52	0.45	1.6
31038	Core	42.4	3.45	20.15	1.20	2.5	0.05	2.44	33.0	40.1	0.82	500	0.47	0.31	2.2
31039	Core	36.0	4.44	19.75	1.26	2.4	0.05	2.41	29.2	59.8	1.09	551	0.46	0.28	2.5
31040	Core	57.7	5.01	31.25	1.74	3.4	0.08	3.85	36.3	75.9	1.27	401	0.41	0.34	4.1
31041	Core	31.1	3.78	18.15	1.17	2.0	0.05	2.14	21.4	37.1	0.92	629	0.56	0.20	2.4
31042	Core	17.6	3.01	6.65	0.85	1.4	0.02	0.51	11.2	13.2	0.91	1224	0.43	0.04	0.8

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Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
31005	Core	7.1	53	10.3	31.2	<0.002	0.474	1.10	1.4	<1.0	5.7	18.4	0.13	<0.05	5.0
31006	Core	40.8	86	21.7	251.2	<0.002	1.842	5.52	23.2	<1.0	8.0	137.0	0.69	<0.05	23.4
31007	Core	10.1	69	28.0	68.3	<0.002	0.847	2.79	3.7	<1.0	10.5	33.4	0.11	<0.05	7.6
31008	Core	8.1	75	16.7	54.4	<0.002	0.754	0.99	2.8	<1.0	7.8	18.4	0.09	<0.05	5.5
31009	Core	4.0	<10	3.6	1.2	<0.002	0.117	0.67	0.2	1.3	0.6	2.2	<0.05	<0.05	<0.2
31010	Reject	10.2	55	24.2	43.9	<0.002	0.643	1.62	2.1	<1.0	9.7	12.4	0.07	<0.05	6.8
31011	Reject	10.4	45	20.5	48.6	<0.002	0.865	2.46	2.4	1.0	10.9	12.9	0.09	<0.05	7.7
31012	Core	2.7	161	3.7	0.9	<0.002	0.243	<0.05	0.5	1.4	<0.2	42.4	0.22	<0.05	0.5
31013	Core	7.1	60	13.3	45.5	<0.002	0.675	0.87	1.9	1.3	9.8	11.7	0.09	<0.05	6.3
31014	Core	7.4	94	27.4	41.6	<0.002	0.712	0.85	2.1	<1.0	5.0	15.6	0.08	<0.05	6.8
31015	Core	7.6	106	10.3	27.7	<0.002	0.415	0.64	1.8	<1.0	1.4	23.6	0.07	<0.05	5.9
31016	Core	47.4	197	20.4	246.8	<0.002	2.295	3.15	20.6	<1.0	9.1	84.0	0.35	<0.05	22.5
31017	Core	12.2	1224	25.5	61.3	<0.002	0.747	1.09	4.0	<1.0	6.6	40.5	0.21	<0.05	7.1
31018	Core	10.9	119	42.6	53.2	<0.002	0.469	2.31	3.7	<1.0	2.4	14.7	0.14	<0.05	9.8
31019	Core	8.5	120	24.8	31.8	<0.002	0.632	1.38	2.3	<1.0	3.1	14.0	0.11	<0.05	8.9
31020	Core	19.3	589	28.5	96.3	<0.002	0.639	1.62	7.2	<1.0	3.2	48.2	0.17	<0.05	12.1
31021	Core	11.4	168	16.9	24.5	<0.002	0.218	0.75	2.2	2.4	1.0	11.9	0.07	<0.05	8.6
31022	Core	10.1	101	10.1	25.7	<0.002	0.130	0.46	2.3	<1.0	0.6	12.6	0.07	<0.05	7.3
31023	Core	21.5	86	25.9	72.7	0.002	0.187	0.63	6.6	<1.0	1.4	34.3	0.13	<0.05	10.5
31024	Core	7.8	73	19.9	25.0	<0.002	0.291	0.51	2.2	<1.0	1.5	27.6	0.07	<0.05	6.5
31025	Core	10.3	97	14.7	19.1	<0.002	0.233	0.50	2.2	<1.0	1.4	20.2	0.07	<0.05	6.1
31026	Core	46.0	546	30.1	192.6	<0.002	0.202	1.24	20.2	1.5	2.6	100.9	0.27	<0.05	18.4
31027	Core	46.4	369	24.4	182.6	<0.002	0.283	1.58	19.3	1.5	2.4	84.5	0.25	<0.05	16.3
31028	Core	18.2	172	31.5	41.7	<0.002	0.218	1.16	4.8	<1.0	1.0	16.5	0.10	<0.05	10.1
31029	Core	9.2	207	18.1	28.4	<0.002	0.201	2.40	2.6	<1.0	0.7	15.8	0.07	<0.05	7.7
31030	Core	5.6	67	300.0	33.2	<0.002	0.347	2.53	2.1	3.3	4.9	11.1	0.05	<0.05	5.7
31031	Core	10.0	82	16.5	24.0	<0.002	0.227	1.43	2.8	3.5	0.6	11.0	<0.05	<0.05	8.9
31032	Core	11.4	79	29.2	24.9	<0.002	0.198	1.08	2.8	<1.0	0.7	9.2	<0.05	<0.05	6.9
31033	Core	13.1	151	151.5	27.3	<0.002	0.225	1.58	2.8	1.0	2.3	13.8	0.06	<0.05	6.9
31034	Core	37.1	204	17.9	176.4	0.003	0.236	1.71	17.1	1.6	2.4	79.4	0.26	<0.05	16.4
31035	Core	33.8	250	23.0	131.5	<0.002	0.273	1.20	13.7	2.0	1.8	69.6	0.21	<0.05	13.9
31036	Core	41.0	446	26.5	139.7	<0.002	0.337	1.52	14.9	1.8	1.9	84.9	0.21	<0.05	13.6
31037	Core	33.4	199	188.0	109.7	<0.002	0.466	1.42	11.5	2.1	3.2	115.2	0.14	<0.05	11.3
31038	Core	32.1	524	16.5	141.7	<0.002	0.224	0.84	14.4	1.3	1.9	90.1	0.18	<0.05	14.4
31039	Core	40.0	334	19.5	142.9	<0.002	0.115	0.67	15.0	1.3	1.9	101.5	0.23	<0.05	13.9
31040	Core	52.5	341	24.3	224.0	0.003	0.168	0.80	22.3	2.0	2.7	132.1	0.39	<0.05	20.9
31041	Core	29.0	181	13.9	119.3	<0.002	0.165	0.49	12.1	1.6	1.7	105.3	0.16	<0.05	11.2
31042	Core	19.8	97	17.1	30.0	0.002	0.317	0.79	4.6	1.4	1.1	86.7	0.07	<0.05	6.8

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Certificate of Analysis

11-360-08523-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31005	Core	0.014	0.16	0.7	41	1.5	1.9	16	26.0
31006	Core	0.162	1.52	4.8	180	7.7	11.1	57	151.9
31007	Core	0.032	0.30	1.1	64	2.0	4.0	9	42.7
31008	Core	0.026	0.25	0.9	58	1.5	3.1	21	34.6
31009	Core	<0.005	<0.02	<0.1	44	0.1	0.2	2	1.1
31010	Reject	0.021	0.24	0.9	56	1.7	2.8	26	33.6
31011	Reject	0.026	0.26	1.0	57	1.9	3.2	28	40.1
31012	Core	<0.005	<0.02	0.8	47	0.2	0.9	16	1.1
31013	Core	0.024	0.21	1.0	51	1.6	3.0	28	36.4
31014	Core	0.024	0.23	1.1	52	1.5	2.8	26	37.9
31015	Core	0.018	0.14	0.9	50	1.4	2.7	28	34.3
31016	Core	0.143	1.37	4.6	159	5.8	11.3	60	158.5
31017	Core	0.033	0.31	1.1	53	2.2	5.8	28	36.0
31018	Core	0.033	0.28	1.4	62	3.0	4.2	69	55.6
31019	Core	0.022	0.15	1.0	53	2.2	3.2	42	37.7
31020	Core	0.051	0.52	2.0	79	4.0	6.0	40	63.2
31021	Core	0.019	0.14	1.1	54	3.0	2.6	37	34.3
31022	Core	0.024	0.15	1.0	51	2.3	3.3	54	41.5
31023	Core	0.049	0.36	1.8	78	1.7	7.2	61	77.4
31024	Core	0.022	0.14	1.1	53	0.7	3.1	21	36.1
31025	Core	0.021	0.12	1.0	53	0.6	2.7	29	35.4
31026	Core	0.094	1.04	4.2	150	2.5	9.0	113	96.7
31027	Core	0.095	1.02	4.1	146	2.7	8.3	111	97.3
31028	Core	0.040	0.23	1.9	71	5.7	4.7	75	51.2
31029	Core	0.026	0.15	1.7	53	4.7	4.9	55	44.2
31030	Core	0.022	0.19	0.8	55	3.1	2.7	54	36.9
31031	Core	0.022	0.12	0.9	58	3.3	3.1	84	37.4
31032	Core	0.023	0.13	1.2	55	3.5	3.6	82	38.6
31033	Core	0.021	0.16	1.1	52	4.9	3.4	116	30.1
31034	Core	0.098	1.05	3.6	139	2.4	7.3	251	95.0
31035	Core	0.086	0.71	2.9	119	0.7	6.4	83	78.4
31036	Core	0.087	0.75	3.2	125	0.7	6.7	93	77.9
31037	Core	0.063	0.57	2.7	108	1.7	6.3	243	68.6
31038	Core	0.083	0.74	3.2	121	0.7	7.2	70	81.0
31039	Core	0.090	0.79	3.3	117	0.8	5.8	97	71.6
31040	Core	0.154	1.35	5.1	164	1.1	8.3	117	99.2
31041	Core	0.084	0.54	2.7	108	0.9	5.9	63	75.0
31042	Core	0.028	0.19	1.2	67	1.5	4.1	42	38.9

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Certificate of Analysis

11-360-08523-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
31005	Core			0.09	1.73	672.7	82	0.36	0.04	0.25	0.13	15.58	2.6	225	1.09
31005 Dup				0.08	1.64	667.0	78	0.24	0.04	0.26	0.16	18.04	2.5	210	1.06
QCV1111-01140-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.09		10.7	438	2.66	7.93		0.22	85.95	22.2		7.15
31023	Core			0.14	5.75	23.3	294	1.30	0.09	0.23	0.10	39.25	9.0	108	2.93
31023 Dup				0.14	5.95	22.5	296	1.11	0.09	0.23	0.08	40.37	9.6	100	2.95
QCV1111-01140-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-DS-1 expected				0.47	4.48	6930.0	221						9.5		
STD-DS-1 result				0.53	4.70	7199.0	243						11.1		
31041	Core			0.14	8.13	23.3	505	2.07	0.20	0.50	0.03	39.79	11.4	187	5.35
31041 Dup				0.12	7.65	24.2	488	1.95	0.22	0.50	0.02	39.24	10.3	168	5.05
QCV1111-01140-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.09		10.9	425	2.77	8.28		0.21	83.19	22.2		7.14
31005	Core		0.053												
31005 Dup			0.050												
31023	Core		<0.005												
31023 Dup			<0.005												
QCV1111-01141-0004-BLK			<0.005												
31041	Core		<0.005												
31041 Dup			0.006												
QCV1111-01141-0006-BLK			<0.005												
STD-OxG84 expected			0.922												
STD-OxG84 result			0.852												

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11-360-08523-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
31005	Core	9.3	0.81	3.49	1.31	2.1	0.01	0.62	7.2	17.9	0.16	235	0.52	0.03	0.9
31005 Dup		9.2	0.81	3.43	1.31	1.0	0.02	0.56	8.1	17.4	0.15	235	0.48	0.03	0.6
QCV1111-01140-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		17.42		3.9	1.15		41.9	25.7			0.82		14.7
31023	Core	20.4	2.48	12.37	0.89	2.2	0.03	1.32	17.7	19.2	0.44	415	0.35	0.09	1.6
31023 Dup		21.7	2.47	12.81	0.89	2.5	0.03	1.40	19.0	19.8	0.46	413	0.36	0.09	1.8
QCV1111-01140-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-DS-1 expected		27.1									2.76	437			
STD-DS-1 result		29.5									3.03	477			
31041	Core	31.1	3.78	18.15	1.17	2.0	0.05	2.14	21.4	37.1	0.92	629	0.56	0.20	2.4
31041 Dup		29.2	3.68	17.42	1.12	2.1	0.04	1.96	20.7	36.1	0.87	617	0.47	0.18	2.3
QCV1111-01140-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		17.88		3.9	1.08		41.2	25.1			0.76		14.4

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Certificate of Analysis

11-360-08523-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
31005	Core	7.1	53	10.3	31.2	<0.002	0.474	1.10	1.4	<1.0	5.7	18.4	0.13	<0.05	5.0
31005 Dup		7.2	39	8.7	29.9	<0.002	0.423	1.03	1.4	<1.0	5.1	17.8	0.07	<0.05	4.7
QCV1111-01140-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9				2.36		12.9	22.6				
STD-OREAS94-4A result		45.1		33.3	191.2	0.002		2.53	13.8	13.1	21.2	35.7	0.98	<0.05	
31023	Core	21.5	86	25.9	72.7	0.002	0.187	0.63	6.6	<1.0	1.4	34.3	0.13	<0.05	10.5
31023 Dup		20.3	92	27.7	72.5	<0.002	0.122	0.63	6.9	<1.0	1.3	34.8	0.16	<0.05	10.7
QCV1111-01140-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-DS-1 expected		48.7	340	13.8											
STD-DS-1 result		49.8	357	14.4											
31041	Core	29.0	181	13.9	119.3	<0.002	0.165	0.49	12.1	1.6	1.7	105.3	0.16	<0.05	11.2
31041 Dup		27.5	185	14.5	114.3	<0.002	0.139	0.48	11.5	1.4	1.7	100.8	0.18	<0.05	12.9
QCV1111-01140-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9				2.36		12.9	22.6				
STD-OREAS94-4A result		45.7		30.2	192.1	0.005		2.36	14.1	13.7	21.6	36.6	0.98	<0.05	17.1

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11-360-08523-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31005	Core	0.014	0.16	0.7	41	1.5	1.9	16	26.0
31005 Dup		0.015	0.16	0.6	43	1.4	1.8	14	21.2
QCV1111-01140-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.92	3.3			26.1	173	122.9
31023	Core	0.049	0.36	1.8	78	1.7	7.2	61	77.4
31023 Dup		0.055	0.38	1.9	86	1.8	5.5	61	77.5
QCV1111-01140-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected			20.00					206	
STD-DS-1 result			17.97					189	98.6
31041	Core	0.084	0.54	2.7	108	0.9	5.9	63	75.0
31041 Dup		0.081	0.66	3.0	105	1.0	5.7	62	72.0
QCV1111-01140-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.98	3.6			26.4	180	121.8

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11-360-08524-01

Inspectorate Exploration & Mining Services Ltd.
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Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

3Ace Property, Northern Tiger Resources Inc.
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Distribution List

Attention: Bonnie Pollries
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EMail: bpollries@northern-tiger.com

Attention: Melanie Debnam
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
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Attention: Dennis Ouellette
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Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Bonnie Pollries**

Project: **3 ACE**
Purchase Order: **Core 61**
Client Reference: **Core 61**
Description: **3 ACE**

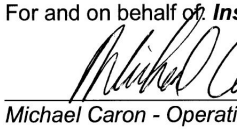
Date Received: 11/09/2011
Date Completed: 11/30/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	37	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By 

Michael Caron - Operations Manager

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Certificate of Analysis

11-360-08524-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29321	Core	0.011	0.11	>10	52.6	1305	4.83	0.68	0.04	0.17	68.36	23.9	122	10.69	48.6
29322	Core	0.010	4.44	>10	56.9	1133	3.97	0.55	0.05	0.21	69.15	24.9	119	10.65	61.7
29323	Core	0.116	1.73	>10	218.1	993	3.87	0.53	0.04	0.30	73.52	15.3	165	17.87	62.5
29324	Core	0.008	0.18	>10	80.0	1096	4.07	0.62	0.03	0.24	104.03	8.8	176	13.71	49.3
29325	Core	<0.005	<0.01	1.81	16.2	97	0.39	0.10	0.02	0.03	15.04	2.3	198	1.12	7.2
29326	Core	0.025	0.25	1.87	93.1	107	0.47	0.17	0.09	0.02	18.98	0.8	207	1.30	7.9
29327	Core	0.016	0.30	1.94	84.7	95	0.58	0.11	0.01	<0.02	18.21	0.7	218	1.30	6.1
29328	Core	0.007	<0.01	3.52	87.6	198	0.58	0.11	0.02	<0.02	46.06	3.7	177	2.05	7.9
29329	Core	0.022	<0.01	3.11	179.1	146	0.81	0.08	0.02	0.60	52.38	1.6	204	1.72	11.0
29330	Core	0.009	2.75	2.94	83.1	146	0.74	0.09	0.04	0.45	40.26	2.0	70	1.45	8.3
29331	Core	<0.005	<0.01	2.48	50.1	132	0.51	0.06	0.02	0.02	40.61	0.7	214	1.36	6.5
29332	Core	<0.005	<0.01	2.83	11.3	145	0.75	0.09	0.03	0.22	34.62	1.1	198	1.35	7.5
29333	Core	<0.005	<0.01	2.53	43.5	125	0.52	0.08	0.01	0.04	43.92	1.0	171	1.35	10.2
29334	Core	0.010	0.01	2.45	51.8	113	0.38	0.10	0.02	0.16	33.46	1.0	85	1.26	14.0
29335	Reject	0.041	0.09	1.53	126.0	100	0.37	0.09	0.01	0.03	35.47	1.0	175	1.33	7.2
29336	Pulp	7.754	0.58	3.21	899.7	182	0.84	0.73	>10	4.51	46.93	6.6	118	7.59	33.8
29337	Reject	0.040	0.05	1.84	107.9	116	0.25	0.08	0.02	0.04	42.83	1.2	105	1.35	7.8
29338	Core	0.019	<0.01	2.17	137.1	115	0.52	0.09	0.01	0.03	32.88	0.6	109	1.60	10.5
29339	Core	0.024	0.25	2.34	196.9	138	0.65	0.09	0.02	0.04	54.82	0.7	86	1.65	10.3
29340	Core	0.019	0.52	2.47	173.3	123	0.64	0.07	0.01	0.03	58.46	0.6	210	1.41	10.3
29341	Core	0.049	9.93	2.11	188.0	155	0.47	0.06	0.01	0.03	43.09	0.6	144	1.83	8.5
29342	Core	0.085	0.44	1.83	250.5	118	0.45	0.08	0.02	0.02	39.55	0.4	129	1.53	6.1
29343	Core	0.111	0.29	1.10	283.6	79	0.30	0.10	0.01	<0.02	34.52	0.5	192	1.12	6.6
29344	Core	0.018	<0.01	1.02	101.1	71	0.35	0.04	0.01	0.02	19.36	0.5	207	1.00	6.3
29345	Core	0.108	0.15	2.02	863.0	119	0.46	0.12	0.02	0.05	11.76	0.6	82	1.71	9.3
29346	Core	0.260	0.46	1.73	2156.1	108	0.33	0.13	0.01	0.03	38.45	0.5	54	1.38	9.6
29347	Core	0.046	0.51	2.42	167.9	125	0.60	0.09	0.02	0.10	40.07	0.5	140	1.70	8.5
29348	Core	0.019	0.13	2.28	49.0	109	0.52	0.10	0.02	0.03	22.22	0.7	235	1.73	9.3
29349	Core	0.010	0.41	2.06	114.2	107	0.45	0.10	0.04	0.11	29.07	0.7	168	1.65	11.6
29350	Core	0.018	0.22	2.25	115.0	126	0.29	0.08	0.02	0.06	45.34	2.3	163	1.66	17.6
29351	Core	0.015	0.23	2.93	72.3	150	0.56	0.09	0.02	0.03	52.19	2.7	143	1.76	9.1
29352	Core	0.018	0.05	1.98	121.1	99	0.38	0.12	0.01	0.17	46.10	0.6	184	1.57	12.1
29353	Core	<0.005	0.13	2.10	27.2	90	0.39	0.12	0.02	0.03	35.02	1.0	158	1.12	10.8
29354	Core	0.640	0.25	1.85	546.0	85	0.53	0.09	0.02	0.08	21.46	0.9	195	1.08	14.2
29355	Core	0.024	0.31	1.82	154.8	86	0.33	0.56	0.02	0.13	18.96	1.0	221	1.18	12.3
29356	Core	0.068	0.63	2.32	98.1	116	0.47	0.07	0.03	0.18	26.50	1.9	189	1.65	12.4
29357	Core	0.009	0.18	>10	80.4	834	3.58	0.48	0.07	0.15	61.92	14.7	158	5.97	61.4
29358	Core	0.008	0.05	>10	41.0	802	3.10	0.48	0.24	0.07	100.33	20.5	149	5.86	50.6
29359	Core	0.007	0.08	>10	35.7	795	3.46	0.54	0.12	0.09	109.65	18.0	141	6.23	57.5
29360	Core	0.013	0.06	>10	44.2	879	3.31	0.51	0.16	0.07	161.32	15.4	137	6.87	40.6

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11-360-08524-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29321	Core	4.87	40.80	1.58	3.3	0.09	3.91	18.8	51.3	0.65	400	0.92	0.33	3.4	40.4
29322	Core	5.08	38.95	1.38	3.2	0.09	3.55	21.1	50.3	0.75	434	1.06	0.31	2.4	46.3
29323	Core	5.61	35.95	1.57	2.7	0.09	3.44	25.0	27.4	0.49	476	1.20	0.28	2.6	38.3
29324	Core	4.55	36.78	1.32	3.1	0.09	3.57	33.7	38.3	0.39	256	0.61	0.26	3.3	23.3
29325	Core	1.74	5.70	0.82	1.1	0.01	0.28	6.6	9.3	0.02	122	0.49	0.03	0.8	5.3
29326	Core	0.79	6.21	0.79	1.2	<0.01	0.46	8.5	8.3	0.04	26	0.87	0.04	0.7	4.5
29327	Core	0.49	5.86	0.84	1.0	0.01	0.45	8.1	10.5	0.04	21	0.51	0.03	0.7	3.3
29328	Core	0.97	12.69	1.02	1.7	0.02	0.87	13.9	9.9	0.05	15	0.61	0.06	1.1	2.7
29329	Core	1.13	9.84	1.06	2.0	0.02	0.63	14.3	11.4	0.04	33	0.79	0.04	0.9	7.7
29330	Core	1.17	8.62	0.77	1.8	0.01	0.59	14.3	8.8	0.04	31	0.66	0.04	0.9	20.2
29331	Core	0.84	7.72	0.72	1.4	0.01	0.60	11.7	6.8	0.03	20	0.56	0.04	1.0	4.0
29332	Core	0.53	8.52	0.84	1.6	0.01	0.59	10.5	8.3	0.03	19	0.53	0.05	0.9	6.0
29333	Core	0.85	8.16	0.86	1.4	0.01	0.49	12.5	9.6	0.03	25	0.58	0.04	0.9	6.2
29334	Core	0.44	6.97	0.52	1.6	0.01	0.56	11.2	13.2	0.06	24	0.84	0.09	0.8	6.5
29335	Reject	0.79	5.51	0.58	1.1	<0.01	0.50	9.6	7.6	0.04	19	0.49	0.03	0.7	3.1
29336	Pulp	1.42	9.16	0.26	2.2	0.07	1.16	17.3	9.2	0.75	274	12.67	<0.01	8.2	67.0
29337	Reject	0.71	6.13	0.78	1.3	<0.01	0.64	9.7	6.8	0.04	18	0.53	0.04	0.8	3.2
29338	Core	0.80	7.02	0.80	1.4	0.01	0.60	12.8	18.8	0.04	19	0.78	0.05	0.8	3.3
29339	Core	0.93	7.66	0.72	1.8	0.01	0.55	16.2	14.1	0.04	24	0.61	0.06	1.1	4.1
29340	Core	0.59	7.77	0.86	1.7	0.01	0.57	12.4	9.5	0.04	18	0.52	0.05	0.9	3.8
29341	Core	0.52	7.09	0.74	1.4	0.01	0.66	11.6	13.2	0.06	20	0.53	0.05	0.8	3.8
29342	Core	0.39	6.50	0.97	1.2	0.01	0.67	10.0	6.3	0.07	22	0.46	0.04	0.9	3.1
29343	Core	0.38	4.28	0.98	1.0	0.01	0.40	8.0	7.5	0.04	19	0.77	0.03	0.7	3.7
29344	Core	0.35	3.53	0.89	1.1	<0.01	0.39	7.1	4.1	0.03	20	0.76	0.03	0.8	3.9
29345	Core	0.52	6.52	1.00	1.2	0.02	0.77	10.6	14.0	0.07	24	0.58	0.04	0.9	3.9
29346	Core	0.66	6.04	0.96	1.0	0.03	0.63	9.3	4.3	0.07	20	0.71	0.04	0.7	3.5
29347	Core	0.76	6.94	1.06	1.3	0.01	0.64	10.5	7.9	0.04	26	0.56	0.04	0.8	3.5
29348	Core	0.60	6.38	1.18	1.1	0.01	0.72	9.5	9.5	0.05	25	0.78	0.04	0.7	4.4
29349	Core	0.68	6.19	0.83	1.4	0.01	0.57	12.4	8.6	0.04	30	0.63	0.04	0.9	3.8
29350	Core	1.19	7.00	0.92	1.4	0.02	0.51	12.4	11.3	0.04	52	0.94	0.04	0.8	6.0
29351	Core	0.77	8.34	1.05	5.2	0.02	0.79	15.5	9.7	0.07	64	0.57	0.06	2.1	6.7
29352	Core	0.59	6.05	0.92	1.7	0.01	0.51	11.8	20.4	0.04	22	0.95	0.04	1.1	4.3
29353	Core	0.46	5.43	0.80	1.1	0.01	0.39	8.8	15.6	0.02	24	0.66	0.04	1.0	6.3
29354	Core	0.76	5.45	0.85	1.0	0.01	0.39	9.0	6.9	0.02	20	0.68	0.03	0.7	7.2
29355	Core	0.72	5.08	1.17	1.0	<0.01	0.50	8.3	7.9	0.03	30	0.54	0.03	0.6	4.9
29356	Core	1.38	7.06	1.18	1.2	0.01	0.70	8.2	16.6	0.05	55	0.42	0.05	0.7	5.6
29357	Core	4.39	38.75	1.69	4.4	0.10	4.05	21.5	38.0	0.42	394	0.61	0.19	2.5	40.6
29358	Core	6.55	37.47	1.76	4.1	0.09	3.94	31.4	60.5	0.98	689	0.83	0.19	3.1	52.0
29359	Core	6.05	38.14	1.67	3.7	0.08	4.02	38.1	72.3	1.25	635	0.47	0.19	2.8	49.8
29360	Core	6.17	41.86	1.68	4.2	0.09	4.20	47.6	73.9	1.31	470	0.42	0.20	2.8	48.9

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11-360-08524-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29321	Core	135	29.6	292.7	0.003	1.240	11.62	20.8	2.4	3.4	105.0	0.32	0.10	17.2	0.109
29322	Core	87	29.7	254.2	0.003	1.496	11.74	21.2	2.5	3.0	97.2	0.26	0.09	16.7	0.087
29323	Core	228	56.4	274.8	0.002	0.243	12.18	20.0	2.7	3.4	107.2	0.25	0.07	17.5	0.087
29324	Core	328	14.9	269.1	<0.002	0.131	5.88	19.2	2.2	4.6	144.5	0.28	0.08	15.7	0.104
29325	Core	28	7.0	22.2	<0.002	0.039	1.20	2.5	3.9	0.7	38.0	0.06	<0.05	4.9	0.015
29326	Core	42	88.4	33.2	<0.002	0.026	2.08	1.9	2.1	3.1	22.4	0.07	<0.05	4.9	0.015
29327	Core	<10	32.6	30.3	<0.002	0.029	2.59	1.8	2.4	1.7	26.1	0.08	<0.05	3.7	0.014
29328	Core	51	8.6	55.4	<0.002	0.031	2.74	3.6	2.2	1.1	43.3	0.09	<0.05	5.6	0.025
29329	Core	79	8.1	40.9	<0.002	0.079	1.98	4.3	2.0	1.0	54.8	0.08	<0.05	15.7	0.024
29330	Core	53	8.8	34.4	<0.002	0.168	2.19	3.3	1.8	0.8	20.4	0.09	<0.05	10.7	0.024
29331	Core	61	9.1	34.5	<0.002	0.025	2.36	2.5	2.8	0.8	30.1	0.07	<0.05	7.6	0.021
29332	Core	17	10.8	37.8	<0.002	0.052	0.90	3.0	1.6	1.0	26.0	0.09	<0.05	9.5	0.021
29333	Core	41	8.9	33.9	<0.002	0.029	0.89	2.7	1.9	0.8	16.6	0.07	<0.05	9.7	0.020
29334	Core	105	15.0	33.8	<0.002	0.032	1.00	2.1	2.2	0.9	14.5	0.08	<0.05	7.7	0.019
29335	Reject	<10	17.7	36.8	<0.002	0.017	5.73	1.6	1.3	2.6	17.7	0.06	<0.05	4.3	0.014
29336	Pulp	4728	10.9	132.0	0.044	1.067	20.46	6.5	11.3	2.1	126.0	0.47	0.49	6.7	0.176
29337	Reject	<10	15.7	38.1	<0.002	0.017	4.12	1.5	1.7	2.4	18.7	0.07	<0.05	4.4	0.019
29338	Core	41	14.4	33.7	<0.002	0.020	1.70	2.0	1.9	1.2	27.4	0.07	<0.05	5.5	0.020
29339	Core	67	18.3	37.5	<0.002	0.018	1.56	2.3	1.7	1.0	30.1	0.09	<0.05	6.9	0.025
29340	Core	<10	10.3	34.8	<0.002	0.019	1.49	2.8	1.2	1.1	30.4	0.09	<0.05	8.3	0.021
29341	Core	<10	8.6	46.6	<0.002	0.021	3.85	2.2	1.7	1.7	25.8	0.07	<0.05	5.7	0.022
29342	Core	<10	7.5	43.3	<0.002	0.016	7.57	2.0	2.0	2.3	21.9	0.06	<0.05	4.9	0.020
29343	Core	47	12.1	27.8	<0.002	0.013	7.90	1.5	2.4	1.5	15.4	0.06	<0.05	4.3	0.014
29344	Core	<10	9.6	22.8	<0.002	0.016	2.99	1.4	1.8	1.1	11.2	0.06	<0.05	3.0	0.020
29345	Core	30	15.1	47.7	<0.002	0.051	4.77	1.9	1.9	4.3	19.3	0.08	<0.05	4.7	0.022
29346	Core	80	24.0	37.9	<0.002	0.070	6.21	2.1	1.6	2.9	18.1	0.06	<0.05	4.2	0.018
29347	Core	13	17.2	42.7	<0.002	0.024	1.25	1.9	1.5	2.1	24.0	0.06	<0.05	8.1	0.019
29348	Core	<10	46.0	43.6	<0.002	0.024	1.11	1.8	2.2	3.9	14.5	0.06	<0.05	5.5	0.016
29349	Core	43	24.3	37.3	<0.002	0.014	1.46	1.6	1.5	2.8	21.3	0.09	<0.05	7.5	0.018
29350	Core	39	20.3	37.3	<0.002	0.012	1.22	2.3	1.5	1.4	15.4	0.08	<0.05	8.3	0.019
29351	Core	14	14.0	48.2	<0.002	0.014	1.39	3.1	1.7	1.7	13.2	0.24	<0.05	11.8	0.026
29352	Core	60	16.0	33.5	<0.002	0.014	1.73	2.0	1.8	2.3	31.3	0.12	<0.05	9.7	0.018
29353	Core	106	19.8	23.9	<0.002	0.033	1.22	1.7	1.8	0.9	29.7	0.10	<0.05	8.5	0.015
29354	Core	22	15.6	23.6	<0.002	0.045	2.09	1.5	1.5	0.8	26.3	0.06	<0.05	6.7	0.014
29355	Core	<10	14.5	27.1	<0.002	0.031	1.90	1.4	<1.0	1.6	28.3	0.08	<0.05	7.9	0.012
29356	Core	<10	8.9	40.6	<0.002	0.037	1.74	2.2	<1.0	2.5	35.2	0.06	<0.05	6.0	0.015
29357	Core	409	43.6	220.4	<0.002	0.070	2.94	19.7	<1.0	3.2	103.7	0.29	<0.05	26.9	0.092
29358	Core	590	18.8	214.8	<0.002	0.080	2.54	19.6	1.2	2.9	66.9	0.28	<0.05	21.3	0.107
29359	Core	531	37.0	223.5	<0.002	0.057	1.97	19.3	1.8	3.0	58.9	0.27	<0.05	21.5	0.104
29360	Core	<10	20.5	240.7	0.003	<0.01	2.42	21.0	1.4	2.9	64.5	0.31	<0.05	24.9	0.109

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29321	Core	1.33	4.4	157	1.1	6.7	92	93.1
29322	Core	1.35	4.2	135	1.3	6.2	104	85.1
29323	Core	1.41	3.7	132	2.8	6.6	141	81.5
29324	Core	1.34	3.5	126	1.9	7.7	102	96.5
29325	Core	0.09	0.8	17	0.8	2.6	50	33.9
29326	Core	0.19	1.0	17	0.6	2.5	10	32.7
29327	Core	0.16	0.8	18	0.6	2.0	4	28.4
29328	Core	0.30	1.1	33	0.8	3.4	8	52.0
29329	Core	0.21	1.9	34	0.9	4.4	24	60.7
29330	Core	0.18	1.8	28	1.1	3.4	21	49.3
29331	Core	0.21	1.0	22	0.6	2.9	8	41.6
29332	Core	0.20	1.3	27	0.9	3.3	10	48.2
29333	Core	0.16	1.2	24	0.5	2.9	13	44.5
29334	Core	0.14	1.6	21	0.9	3.0	7	44.0
29335	Reject	0.20	0.8	15	0.7	2.5	8	30.1
29336	Pulp	14.18	8.4	410	34.7	28.3	247	72.4
29337	Reject	0.21	0.9	18	0.7	2.4	5	32.5
29338	Core	0.19	1.0	21	0.7	2.8	6	39.8
29339	Core	0.19	1.2	24	1.2	3.5	10	52.1
29340	Core	0.23	1.1	23	3.9	3.1	7	46.1
29341	Core	0.25	0.8	21	1.5	2.4	4	35.2
29342	Core	0.19	0.8	18	1.1	2.1	6	33.0
29343	Core	0.14	0.8	12	0.8	1.9	6	29.0
29344	Core	0.10	0.7	12	0.7	1.9	5	30.7
29345	Core	0.22	0.8	20	1.1	2.2	5	34.1
29346	Core	0.18	0.7	18	1.2	1.9	7	27.9
29347	Core	0.20	1.1	20	0.8	2.4	13	35.6
29348	Core	0.19	1.0	20	0.7	2.3	12	36.6
29349	Core	0.19	1.1	17	0.8	2.8	11	39.5
29350	Core	0.18	1.4	21	0.8	3.1	28	41.4
29351	Core	0.23	1.4	27	1.0	3.7	20	53.6
29352	Core	0.18	1.5	18	1.1	2.9	8	41.1
29353	Core	0.11	1.4	17	0.8	2.2	9	31.4
29354	Core	0.12	1.1	17	0.8	2.0	12	29.8
29355	Core	0.18	1.2	15	0.9	2.0	10	27.0
29356	Core	0.24	1.1	23	0.9	2.3	18	32.4
29357	Core	1.23	6.1	151	2.8	10.2	160	121.3
29358	Core	1.20	5.0	158	1.2	11.0	144	115.8
29359	Core	1.08	5.0	159	1.2	9.9	150	109.2
29360	Core	1.25	5.8	169	1.5	10.6	100	116.0

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11-360-08524-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29321	Core		0.11	>10	52.6	1305	4.83	0.68	0.04	0.17	68.36	23.9	122	10.69	48.6
29321 Dup			0.12	>10	58.3	1350	5.12	0.72	0.03	0.19	49.02	25.2	131	11.08	53.8
QCV1111-00879-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.51	4.55	6992.0	242						10.1			27.9
29339	Core		0.25	2.34	196.9	138	0.65	0.09	0.02	0.04	54.82	0.7	86	1.65	10.3
29339 Dup			0.06	2.26	165.4	125	0.64	0.09	0.01	0.03	50.94	0.6	211	1.56	9.0
QCV1111-00879-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			30.60	7.72					6.68						6625.9
29357	Core		0.18	>10	80.4	834	3.58	0.48	0.07	0.15	61.92	14.7	158	5.97	61.4
29357 Dup			0.18	>10	89.4	835	3.69	0.46	0.08	0.16	92.46	15.8	173	6.08	66.8
QCV1111-00879-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80	7.41					6.43						6710.0
STD-CDN-ME-16 result			32.16	8.45					6.81						6630.7
29321	Core	0.011													
29321 Dup		0.009													
29339	Core	0.024													
29339 Dup		0.024													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.986													
QCV1111-00880-0004-BLK		<0.005													
29357	Core	0.009													
29357 Dup		0.008													
QCV1111-00880-0006-BLK		<0.005													

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11-360-08524-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29321	Core	4.87	40.80	1.58	3.3	0.09	3.91	18.8	51.3	0.65	400	0.92	0.33	3.4	40.4
29321 Dup		4.67	44.46	1.73	3.3	0.10	4.10	21.4	55.9	0.65	381	1.00	0.34	2.9	43.0
QCV1111-00879-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected															48.7
STD-DS-1 result															50.6
29339	Core	0.93	7.66	0.72	1.8	0.01	0.55	16.2	14.1	0.04	24	0.61	0.06	1.1	4.1
29339 Dup		0.84	7.76	0.72	1.6	0.01	0.56	13.1	13.4	0.04	21	0.58	0.06	0.9	3.5
QCV1111-00879-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected		10					1.00						0.89		
STD-CDN-ME-16 result		>10					0.95						0.83		
29357	Core	4.39	38.75	1.69	4.4	0.10	4.05	21.5	38.0	0.42	394	0.61	0.19	2.5	40.6
29357 Dup		4.69	39.36	1.76	4.2	0.10	3.93	27.1	40.6	0.43	424	0.65	0.18	3.0	47.1
QCV1111-00879-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected		10					1.00						0.89		
STD-CDN-ME-16 result		>10					1.04						0.91		

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29321	Core	135	29.6	292.7	0.003	1.240	11.62	20.8	2.4	3.4	105.0	0.32	0.10	17.2	0.109
29321 Dup		117	32.8	298.1	<0.002	1.227	11.89	23.2	2.7	3.5	103.7	0.30	0.22	17.7	0.099
QCV1111-00879-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		331	17.8												
29339	Core	67	18.3	37.5	<0.002	0.018	1.56	2.3	1.7	1.0	30.1	0.09	<0.05	6.9	0.025
29339 Dup		<10	16.6	35.8	<0.002	0.018	1.54	2.3	1.5	1.0	28.8	0.08	<0.05	6.1	0.020
QCV1111-00879-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0												
STD-CDN-ME-16 result			8643.7												
29357	Core	409	43.6	220.4	<0.002	0.070	2.94	19.7	<1.0	3.2	103.7	0.29	<0.05	26.9	0.092
29357 Dup		407	45.9	223.0	0.002	0.072	3.03	20.0	2.0	3.3	108.6	0.30	<0.05	27.0	0.111
QCV1111-00879-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0												
STD-CDN-ME-16 result			8462.0												

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29321	Core	1.33	4.4	157	1.1	6.7	92	93.1
29321 Dup		1.52	4.4	152	1.1	7.1	87	93.8
QCV1111-00879-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		20.34					201	
29339	Core	0.19	1.2	24	1.2	3.5	10	52.1
29339 Dup		0.20	1.0	22	1.2	3.1	6	48.7
QCV1111-00879-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							7914	
29357	Core	1.23	6.1	151	2.8	10.2	160	121.3
29357 Dup		1.09	5.7	161	2.8	10.6	171	128.7
QCV1111-00879-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							7178	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Jim McFaull
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 63**
Client Reference: **Core 63**
Description: **3 ACE**

Date Received: 11/08/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By

Michael Caron - Operations Manager

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11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31080	Core	<0.005	0.59	>10	20.3	764	2.79	0.42	0.56	0.09	15.14	17.6	95	7.71	43.7
31081	Core	<0.005	0.36	>10	33.4	666	2.89	0.41	0.27	0.06	24.30	20.2	93	7.91	44.6
31082	Reject	<0.005	1.68	>10	30.5	488	3.16	0.37	1.30	0.19	118.37	31.4	150	6.83	59.6
31083	Reject	0.006	1.52	9.99	33.5	419	2.31	0.36	1.34	0.18	95.08	28.7	146	6.47	50.6
31084	Core	<0.005	0.42	0.09	1.6	22	0.14	0.05	>10	0.07	1.40	1.2	10	0.62	3.7
31085	Core	0.017	0.33	>10	48.5	706	2.83	0.46	0.33	0.05	30.05	19.7	106	7.87	40.6
31086	Core	0.014	0.30	>10	61.9	809	3.60	0.43	0.30	0.07	39.31	20.9	121	9.59	52.6
31087	Core	0.089	0.43	>10	106.9	896	3.90	0.90	0.21	0.05	35.60	41.2	136	10.08	30.9
31088	Core	0.070	0.41	>10	103.7	822	3.45	0.53	0.70	0.04	21.22	34.6	126	10.48	53.1
31089	Core	0.005	0.39	>10	43.3	833	3.67	0.41	0.34	0.04	40.87	20.2	108	8.61	52.0
31090	Core	0.049	0.36	>10	62.0	818	3.72	0.39	0.29	0.05	49.08	21.5	137	8.22	47.4
31091	Core	0.028	0.57	4.77	74.5	237	1.09	0.17	1.11	0.18	27.85	8.9	148	3.24	14.4
31092	Core	0.054	0.41	>10	52.1	743	3.04	0.35	0.42	0.03	36.42	19.0	119	6.53	29.8
31093	Core	<0.005	0.13	1.82	24.5	64	0.40	0.06	0.58	0.06	23.91	2.7	164	1.26	10.8
31094	Core	0.027	0.38	9.21	43.9	556	1.86	0.30	0.26	0.27	34.83	15.0	119	8.37	38.7
31095	Core	0.131	0.27	4.13	114.2	204	1.20	0.25	0.92	0.08	33.06	7.4	146	3.83	15.3
31096	Core	0.006	0.24	7.14	44.6	438	1.77	0.24	0.46	0.05	33.93	13.9	152	6.59	26.0
31097	Core	<0.005	1.12	8.15	11.4	502	2.18	0.16	2.65	0.19	61.88	8.7	183	5.89	33.6
31098	Core	<0.005	0.35	>10	16.6	693	3.37	0.40	0.85	0.12	74.39	13.9	123	8.81	48.8
31099	Core	0.006	0.35	>10	17.9	690	3.40	0.42	0.15	0.58	113.20	20.8	123	9.13	55.0
32532	Core	0.006	0.38	1.69	151.1	126	0.41	0.06	0.02	0.04	29.47	1.3	152	1.23	5.5
32533	Core	0.012	0.30	3.73	84.2	211	0.57	0.07	0.02	<0.02	30.49	0.8	135	2.16	5.7
32534	Core	0.005	0.33	6.86	187.6	436	1.85	0.31	0.08	0.35	49.14	9.6	143	3.89	39.1
32535	Core	<0.005	0.32	8.14	225.8	532	2.28	0.32	0.05	0.17	69.11	9.8	151	5.87	50.5
32536	Core	0.060	0.18	2.38	66.5	112	0.66	0.16	0.02	<0.02	22.84	0.9	183	1.50	9.6
32537	Core	0.025	0.01	2.40	2.3	<5	<0.05	<0.01	0.03	<0.02	0.03	<0.1	2	<0.05	0.4
32538	Core	0.017	0.30	1.99	92.8	110	0.39	0.13	0.02	<0.02	21.94	0.9	191	1.58	7.2
32539	Core	0.006	0.26	3.01	78.4	191	0.87	0.21	0.03	<0.02	29.05	1.5	166	2.11	15.1
32540	Core	0.017	0.20	2.83	213.0	157	0.68	0.17	0.02	<0.02	23.85	1.3	150	2.10	11.2
32541	Core	<0.005	0.93	7.00	330.5	481	1.53	0.31	0.02	0.11	54.60	3.7	154	5.70	18.9
32542	Core	0.008	0.63	2.67	183.0	165	0.74	0.08	0.02	0.12	30.46	1.3	201	5.23	12.9
32543	Core	0.178	0.59	>10	648.6	892	2.60	0.54	0.03	0.29	80.55	5.0	107	16.31	36.4
32544	Core	0.014	0.41	>10	131.3	1008	2.87	0.61	0.03	0.08	80.61	3.1	99	13.63	69.1
32545	Reject	<0.005	0.26	>10	60.8	1032	3.07	0.42	0.03	0.14	76.10	7.4	104	12.19	56.1
32546	Pulp	8.381	0.49	3.24	989.9	150	0.91	0.65	>10	3.90	32.38	5.9	92	6.49	35.8
32547	Reject	0.007	0.36	>10	48.6	1043	2.77	0.40	0.03	0.12	68.94	7.0	96	12.41	57.0
32548	Core	0.007	0.30	9.50	78.1	1021	3.47	0.51	0.06	0.10	60.89	10.5	98	13.92	57.8
32549	Core	0.175	0.98	>10	119.4	1054	3.39	0.53	0.01	0.17	38.37	7.2	126	16.08	46.6
32550	Core	0.020	0.44	>10	110.8	1342	4.95	0.70	<0.01	0.09	48.75	17.8	137	17.54	75.1
32551	Core	0.019	0.49	<0.01	133.8	1475	4.98	1.07	<0.01	0.02	56.71	1.5	162	11.70	16.1

3Ace Property, Northern Tiger Resources Inc.
Vol 9-392
Buchanan et al., 2011

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32552	Core	0.013	0.25	2.43	75.3	122	0.79	0.14	0.01	<0.02	27.29	0.8	150	1.88	17.9
32553	Core	0.070	0.27	1.97	84.8	93	0.48	0.11	<0.01	<0.02	23.19	0.7	216	1.36	7.9
32554	Core	<0.005	0.20	2.76	32.5	134	0.60	0.12	<0.01	<0.02	31.64	0.7	180	1.32	9.3
32555	Core	<0.005	0.11	2.26	14.1	84	0.41	0.08	0.01	0.02	13.68	0.5	164	0.90	5.5
32556	Core	<0.005	0.20	2.73	14.4	110	0.56	0.09	<0.01	<0.02	18.78	0.8	162	1.11	9.0
32557	Core	<0.005	0.13	4.07	22.1	277	1.21	0.13	0.07	0.11	31.91	3.3	164	2.32	19.6
32558	Core	0.009	0.11	2.40	63.3	90	0.40	0.06	0.01	<0.02	24.94	0.7	184	1.05	15.8
32559	Core	<0.005	0.29	0.11	1.3	23	0.05	0.06	>10	0.06	1.60	1.3	12	0.25	2.8

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Certificate of Analysis

11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31080	Core	4.45	31.35	1.06	7.0	0.08	3.43	8.5	37.3	0.73	452	0.67	0.30	4.9	42.2
31081	Core	5.06	31.07	1.00	2.7	0.08	2.97	13.7	35.2	0.58	429	0.69	0.23	2.2	50.4
31082	Reject	5.95	37.22	2.21	6.0	0.11	1.99	63.0	79.2	0.97	1045	4.18	0.13	70.0	71.0
31083	Reject	7.45	30.66	2.01	5.4	0.10	1.77	52.8	69.5	1.05	1126	3.67	0.12	58.4	78.5
31084	Core	0.45	0.66	<0.05	0.2	0.01	0.04	0.9	1.5	>10	208	0.11	<0.01	0.7	2.0
31085	Core	4.76	32.00	1.23	2.8	0.07	3.76	16.3	47.9	0.78	381	0.38	0.21	2.5	48.5
31086	Core	5.11	37.57	1.37	3.5	0.08	3.94	21.8	63.5	0.90	406	0.56	0.21	3.1	47.7
31087	Core	6.34	43.84	1.02	3.6	0.09	4.52	19.7	72.6	0.90	366	0.63	0.30	2.5	67.5
31088	Core	5.93	41.42	1.18	3.4	0.09	3.95	11.5	75.4	0.99	526	0.66	0.25	2.7	69.3
31089	Core	5.30	39.01	1.32	3.3	0.09	3.82	20.8	64.6	0.88	344	0.50	0.24	3.3	49.3
31090	Core	5.66	40.52	1.35	3.2	0.09	3.93	27.4	39.5	0.94	397	0.61	0.20	3.0	54.5
31091	Core	3.89	16.41	1.08	1.7	0.04	1.16	14.2	44.8	0.72	683	0.50	0.06	1.4	26.5
31092	Core	6.42	39.39	1.27	3.2	0.08	3.25	19.2	52.5	0.97	661	0.74	0.18	2.2	49.5
31093	Core	1.89	5.85	0.70	1.2	0.04	0.27	11.6	20.6	0.35	382	0.39	0.02	0.8	9.2
31094	Core	4.16	30.57	1.05	2.7	0.07	2.44	18.8	40.9	0.72	321	0.60	0.29	2.4	40.5
31095	Core	2.62	13.41	0.85	1.7	0.03	1.03	16.8	37.1	0.66	678	0.48	0.09	1.2	17.9
31096	Core	4.07	22.90	0.98	2.3	0.05	2.05	18.4	42.3	0.97	387	0.63	0.20	1.8	39.3
31097	Core	3.56	27.85	1.06	1.9	0.07	2.07	35.9	73.2	0.85	855	0.46	0.52	2.3	41.4
31098	Core	4.19	37.64	1.15	2.4	0.08	3.07	38.8	85.0	0.97	732	0.35	0.77	3.4	50.7
31099	Core	5.09	37.43	1.43	2.5	0.09	3.00	61.4	99.4	1.19	913	0.35	0.76	3.4	57.7
32532	Core	0.27	6.58	0.58	1.2	0.01	0.67	14.1	3.1	0.05	17	0.51	0.03	1.0	3.3
32533	Core	0.41	11.22	0.78	1.7	0.02	1.31	14.9	5.1	0.09	22	0.40	0.06	1.3	3.0
32534	Core	3.05	21.39	0.68	2.2	0.06	2.15	26.5	16.9	0.13	202	0.61	0.10	1.6	33.9
32535	Core	2.64	26.74	0.87	2.8	0.07	2.69	36.2	22.0	0.17	162	0.56	0.14	2.3	35.0
32536	Core	0.93	7.09	0.88	1.3	0.02	0.61	11.3	20.4	0.04	24	0.85	0.04	0.9	4.4
32537	Core	0.73	<0.05	<0.05	<0.1	<0.01	0.61	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
32538	Core	0.39	5.90	1.01	1.3	<0.01	0.56	10.8	10.4	0.03	16	0.87	0.03	0.8	3.6
32539	Core	0.59	9.11	1.01	1.6	0.02	0.88	15.1	10.7	0.05	17	0.39	0.06	1.5	4.0
32540	Core	0.67	7.85	0.83	1.3	0.02	0.80	12.4	12.7	0.04	18	0.54	0.05	1.3	4.2
32541	Core	1.75	21.28	0.95	1.8	0.06	2.42	28.6	15.9	0.12	44	0.71	0.15	1.7	9.8
32542	Core	0.80	9.11	1.25	1.8	0.03	0.82	14.5	15.0	0.05	42	1.29	0.05	1.2	5.9
32543	Core	4.70	33.14	1.56	3.0	0.09	3.55	45.9	19.1	0.23	102	1.08	0.24	2.9	15.1
32544	Core	4.45	34.83	1.20	2.8	0.09	3.86	46.0	44.5	0.23	96	2.32	0.33	2.4	12.2
32545	Reject	4.84	36.68	1.20	2.5	0.09	3.95	43.3	64.4	0.40	312	0.89	0.35	2.9	28.6
32546	Pulp	1.29	8.28	0.09	5.3	0.07	1.33	16.1	7.7	0.76	273	11.45	<0.01	6.2	61.1
32547	Reject	4.56	34.56	1.18	3.8	0.09	4.22	38.2	67.5	0.39	304	0.67	0.37	2.9	27.8
32548	Core	4.27	35.43	1.38	2.9	0.09	3.74	32.4	54.4	0.37	326	1.10	0.32	2.8	25.9
32549	Core	3.22	39.81	1.39	2.8	0.10	4.45	23.5	16.1	0.31	146	0.97	0.30	2.2	24.8
32550	Core	5.86	46.06	1.01	3.5	0.11	5.12	24.7	33.7	0.30	200	0.89	0.29	3.1	49.4
32551	Core	3.49	57.39	1.19	4.3	0.09	5.96	25.9	113.7	0.28	60	0.88	0.38	6.7	13.3

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32552	Core	1.58	8.04	0.68	1.4	0.02	0.55	13.7	13.8	0.05	23	0.49	0.04	0.8	3.2
32553	Core	0.66	6.74	1.25	1.3	0.02	0.48	11.2	6.6	0.04	18	0.65	0.03	0.7	6.6
32554	Core	0.82	8.24	0.57	1.7	0.02	0.62	15.2	7.9	0.03	17	0.56	0.05	0.9	6.3
32555	Core	0.39	5.98	0.50	1.0	0.01	0.38	7.1	6.5	0.02	14	0.45	0.03	0.7	5.6
32556	Core	0.66	7.10	0.54	1.4	0.02	0.53	9.1	7.9	0.03	14	0.39	0.04	0.8	9.9
32557	Core	1.23	14.31	0.59	2.2	0.03	1.23	16.0	9.4	0.06	33	0.53	0.09	1.3	14.9
32558	Core	0.81	7.35	0.77	1.3	0.02	0.47	11.9	8.3	0.03	16	0.39	0.03	0.8	3.5
32559	Core	0.45	0.75	<0.05	<0.1	0.01	0.04	0.9	1.4	>10	207	0.07	0.01	0.4	2.5

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31080	Core	478	28.0	191.4	0.006	1.338	5.33	16.9	7.5	3.0	139.9	1.02	0.85	17.2	0.079
31081	Core	157	42.9	189.6	0.006	2.258	8.34	17.5	9.0	2.6	112.1	0.43	0.81	12.5	0.081
31082	Reject	4110	20.1	128.6	0.006	0.561	3.87	21.2	8.7	3.2	579.6	4.35	0.85	14.2	0.948
31083	Reject	3560	20.1	110.5	0.009	1.968	5.48	18.1	8.6	2.9	434.4	3.75	0.82	12.1	0.839
31084	Core	177	3.9	3.0	0.003	<0.01	0.10	1.4	8.4	0.3	45.3	0.22	0.79	0.4	<0.005
31085	Core	228	14.8	191.9	0.002	0.340	1.76	15.6	7.4	2.5	93.0	0.40	0.75	15.7	0.100
31086	Core	261	16.4	234.5	0.003	0.458	2.96	18.6	8.8	2.9	93.6	0.49	0.79	18.0	0.115
31087	Core	182	29.5	243.2	0.003	2.707	9.16	20.4	8.8	3.1	122.3	0.42	0.89	20.7	0.105
31088	Core	150	30.9	242.2	0.004	2.010	7.22	18.8	8.4	3.1	151.2	0.40	0.86	16.7	0.104
31089	Core	319	16.7	209.2	0.003	0.376	2.86	19.1	8.6	2.8	100.7	0.49	0.81	16.2	0.125
31090	Core	269	38.1	237.2	<0.002	0.539	3.23	19.2	8.2	3.2	85.7	0.38	0.82	16.9	0.115
31091	Core	165	14.6	74.1	0.005	0.365	1.70	7.7	8.1	1.5	86.9	0.16	0.72	11.1	0.045
31092	Core	311	13.9	199.6	0.003	0.670	5.93	16.9	8.8	2.9	104.9	0.38	0.79	18.1	0.091
31093	Core	114	5.2	16.4	0.002	0.093	0.53	3.9	8.8	1.0	55.6	0.08	0.74	6.3	0.026
31094	Core	186	12.8	151.7	0.002	0.398	1.55	13.1	9.0	2.3	158.5	0.30	0.80	14.3	0.087
31095	Core	139	15.0	59.1	0.003	0.213	0.88	6.3	8.2	1.0	103.9	0.14	0.82	9.8	0.039
31096	Core	198	16.7	118.4	<0.002	0.215	0.99	10.5	8.8	1.8	147.2	0.23	0.80	12.8	0.062
31097	Core	220	24.1	124.0	0.004	<0.01	0.67	12.5	8.3	2.2	180.9	0.34	0.77	11.8	0.083
31098	Core	202	12.4	169.4	0.004	<0.01	1.29	17.3	7.6	2.9	233.8	0.50	0.85	14.0	0.120
31099	Core	347	37.4	197.1	0.002	<0.01	1.27	18.9	8.5	2.7	230.8	0.36	0.82	17.8	0.116
32532	Core	40	30.8	39.5	0.003	0.016	12.69	2.6	11.7	1.8	12.4	0.09	0.77	3.2	0.030
32533	Core	75	14.9	66.0	0.003	0.040	4.87	4.7	12.5	2.3	39.7	0.13	0.73	6.1	0.043
32534	Core	653	22.9	118.7	0.004	0.093	5.65	10.5	11.3	2.0	51.3	0.20	0.85	13.0	0.063
32535	Core	573	26.5	143.5	0.004	0.059	6.32	12.2	10.8	2.2	82.2	0.24	0.85	17.4	0.090
32536	Core	184	9.9	34.0	0.003	0.034	4.74	2.9	18.4	1.0	39.3	0.12	0.74	3.7	0.030
32537	Core	280	<0.5	<0.1	<0.002	0.018	<0.05	1.2	9.5	<0.2	<0.2	<0.05	0.86	<0.2	<0.005
32538	Core	87	13.8	31.7	<0.002	0.015	6.24	2.4	14.1	1.4	34.6	0.11	0.78	4.4	0.024
32539	Core	369	39.2	47.7	0.005	0.039	3.73	3.8	13.9	1.4	112.3	0.17	0.81	7.4	0.043
32540	Core	238	14.0	40.7	0.003	0.014	4.86	3.2	18.6	1.4	84.7	0.14	0.85	6.4	0.042
32541	Core	420	19.4	125.5	<0.002	0.023	7.82	9.4	15.3	2.1	97.0	0.21	0.79	11.8	0.065
32542	Core	201	20.6	44.2	<0.002	0.025	9.25	3.7	16.4	0.9	55.9	0.12	0.81	8.7	0.040
32543	Core	360	27.5	217.2	0.005	0.042	13.58	17.3	12.3	2.6	188.8	0.32	1.06	18.8	0.114
32544	Core	244	44.1	232.9	0.009	0.056	13.12	17.6	9.2	2.7	97.0	0.31	1.00	16.6	0.099
32545	Reject	246	18.6	240.9	0.005	0.126	7.99	18.3	10.6	2.7	93.9	0.33	0.97	15.8	0.115
32546	Pulp	4127	5.9	102.8	0.048	1.165	19.93	6.3	14.8	1.8	130.1	0.52	1.26	6.4	0.177
32547	Reject	248	16.0	234.5	0.005	0.096	6.16	17.5	8.1	2.8	86.5	0.59	0.93	16.9	0.081
32548	Core	448	27.1	231.9	0.003	0.201	10.75	21.2	8.6	2.8	138.5	0.51	1.03	18.5	0.101
32549	Core	185	25.2	269.6	0.004	0.230	11.70	20.2	10.2	4.9	91.1	0.34	0.95	14.5	0.106
32550	Core	260	18.2	349.3	0.003	0.080	8.74	29.2	10.2	3.5	166.7	0.52	0.99	18.7	0.142
32551	Core	314	28.5	357.7	0.005	0.054	12.14	33.7	9.8	4.3	185.5	0.96	1.05	16.0	0.258

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32552	Core	214	7.7	34.5	0.004	0.035	2.69	3.6	26.0	1.8	55.2	0.09	0.77	5.7	0.024
32553	Core	149	8.1	31.2	<0.002	0.045	2.56	3.1	21.4	1.2	45.4	0.09	0.82	6.8	0.021
32554	Core	129	9.1	33.6	<0.002	0.029	5.11	3.8	24.4	0.8	49.7	0.10	0.79	8.4	0.029
32555	Core	88	8.5	21.6	0.002	0.036	2.32	2.8	18.7	0.7	34.9	0.07	0.77	4.9	0.017
32556	Core	106	8.5	28.8	<0.002	0.051	1.18	3.5	24.1	0.9	27.4	0.11	0.75	7.9	0.025
32557	Core	458	8.1	71.6	0.004	0.033	1.66	7.3	19.4	1.5	68.1	0.18	0.77	12.6	0.046
32558	Core	109	10.2	25.1	<0.002	0.016	1.26	3.1	28.0	1.4	33.5	0.08	0.75	6.8	0.026
32559	Core	177	2.9	1.7	<0.002	<0.01	0.06	1.4	8.5	0.3	43.9	0.13	0.71	0.6	<0.005

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31080	Core	1.04	2.7	141	1.1	4.5	115	58.8
31081	Core	1.02	3.0	159	0.9	5.1	108	65.7
31082	Reject	0.75	3.8	223	12.4	23.9	131	232.2
31083	Reject	0.76	3.2	208	10.5	19.2	130	201.3
31084	Core	0.06	0.5	74	0.2	0.9	19	0.8
31085	Core	1.12	3.0	159	2.4	4.7	114	67.8
31086	Core	1.22	4.2	186	3.1	7.8	118	103.9
31087	Core	1.32	4.4	201	3.6	7.7	113	110.3
31088	Core	1.28	4.4	183	3.7	7.0	109	100.7
31089	Core	1.22	4.6	184	1.9	5.6	120	102.6
31090	Core	1.18	4.7	194	4.5	7.1	143	108.9
31091	Core	0.41	1.9	115	1.9	4.7	112	52.6
31092	Core	1.05	3.7	167	3.5	7.6	146	105.1
31093	Core	0.11	0.9	82	1.5	5.8	28	41.9
31094	Core	0.76	3.5	150	3.1	6.3	109	85.1
31095	Core	0.35	1.5	104	2.4	4.3	57	52.2
31096	Core	0.69	2.8	133	2.4	5.2	97	69.3
31097	Core	0.68	2.7	128	0.9	7.5	91	55.8
31098	Core	1.04	3.5	151	0.8	5.5	111	72.7
31099	Core	1.00	3.8	160	0.5	7.5	160	80.7
32532	Core	0.26	0.7	83	0.8	2.3	6	40.1
32533	Core	0.42	1.1	91	1.2	5.3	7	61.7
32534	Core	0.64	3.0	119	1.1	7.9	108	71.4
32535	Core	0.78	3.6	132	2.1	7.0	88	93.5
32536	Core	0.22	1.2	84	1.0	2.5	9	36.7
32537	Core	<0.02	<0.1	10	<0.1	<0.1	<2	0.7
32538	Core	0.22	0.9	70	1.0	2.3	5	40.5
32539	Core	0.27	1.9	76	1.1	3.8	16	56.9
32540	Core	0.25	1.5	78	1.2	2.9	15	43.3
32541	Core	0.68	2.1	112	1.3	4.0	43	57.7
32542	Core	0.44	1.5	85	1.6	3.6	12	66.4
32543	Core	1.24	4.3	160	4.1	6.7	174	96.4
32544	Core	1.20	4.1	163	2.3	6.1	65	95.6
32545	Reject	1.19	3.9	170	1.6	5.9	91	90.2
32546	Pulp	12.13	7.8	409	33.1	20.8	262	65.8
32547	Reject	1.28	3.7	158	1.7	5.5	91	84.8
32548	Core	1.21	3.7	163	1.8	6.2	80	88.9
32549	Core	1.43	3.9	172	3.1	6.2	71	93.4
32550	Core	1.54	4.5	185	2.9	5.6	180	112.7
32551	Core	1.74	4.7	214	4.2	4.4	103	145.3

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11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32552	Core	0.24	1.2	91	1.1	3.1	19	45.6
32553	Core	0.20	1.2	82	1.4	3.0	7	42.0
32554	Core	0.22	1.3	93	0.8	3.4	15	57.4
32555	Core	0.14	0.8	81	0.5	2.0	5	34.2
32556	Core	0.18	1.5	85	0.6	2.2	13	42.5
32557	Core	0.36	2.3	102	0.9	5.3	32	79.1
32558	Core	0.16	1.0	82	1.0	2.6	12	44.3
32559	Core	0.03	0.6	89	0.1	0.8	17	1.2

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Certificate of Analysis

11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31080	Core		0.59	>10	20.3	764	2.79	0.42	0.56	0.09	15.14	17.6	95	7.71	43.7
31080 Dup			0.44	9.83	21.1	785	2.94	0.42	0.55	0.11	22.54	18.2	97	8.68	41.3
QCV1111-00733-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6064.9
31098	Core		0.35	>10	16.6	693	3.37	0.40	0.85	0.12	74.39	13.9	123	8.81	48.8
31098 Dup			0.33	>10	15.3	712	3.50	0.40	0.87	0.13	76.45	14.2	122	9.34	50.8
QCV1111-00733-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.69	8.8	421		2.44	0.53	0.04	86.15	16.6		6.78	2340.1
32548	Core		0.30	9.50	78.1	1021	3.47	0.51	0.06	0.10	60.89	10.5	98	13.92	57.8
32548 Dup			0.29	>10	73.5	1014	3.39	0.50	0.07	0.09	43.47	10.6	101	12.88	57.4
QCV1111-00733-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1111-00733-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.51												6252.6
31080	Core	<0.005													
31080 Dup		<0.005													
31098	Core	<0.005													
31098 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.531													
QCV1111-00734-0004-BLK		<0.005													
32548	Core	0.007													
32548 Dup		0.006													
QCV1111-00734-0006-BLK		<0.005													

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11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31080	Core	4.45	31.35	1.06	7.0	0.08	3.43	8.5	37.3	0.73	452	0.67	0.30	4.9	42.2
31080 Dup		4.51	32.72	1.10	3.2	0.08	3.04	12.4	39.1	0.68	459	0.75	0.26	2.5	41.4
QCV1111-00733-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31098	Core	4.19	37.64	1.15	2.4	0.08	3.07	38.8	85.0	0.97	732	0.35	0.77	3.4	50.7
31098 Dup		4.21	37.28	1.08	2.4	0.08	3.17	42.2	86.9	1.02	736	0.32	0.79	3.1	49.6
QCV1111-00733-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.42			4.0	0.36	2.70	44.7	25.1	1.57		0.49	0.50	13.7	39.3
32548	Core	4.27	35.43	1.38	2.9	0.09	3.74	32.4	54.4	0.37	326	1.10	0.32	2.8	25.9
32548 Dup		4.40	36.44	1.07	2.6	0.09	3.67	25.3	56.9	0.38	334	1.14	0.31	2.0	26.8
QCV1111-00733-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1111-00733-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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11-360-08526-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31080	Core	478	28.0	191.4	0.006	1.338	5.33	16.9	7.5	3.0	139.9	1.02	0.85	17.2	0.079
31080 Dup		448	25.9	215.6	0.004	1.319	5.08	19.4	9.2	2.8	156.7	0.66	0.83	15.1	0.079
QCV1111-00733-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9643.1												
31098	Core	202	12.4	169.4	0.004	<0.01	1.29	17.3	7.6	2.9	233.8	0.50	0.85	14.0	0.120
31098 Dup		210	11.9	200.6	<0.002	<0.01	1.26	17.9	8.2	2.9	244.3	0.42	0.87	14.7	0.114
QCV1111-00733-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310									
STD-OREAS92-4A result		691	11.0	209.3	0.004	0.230		14.4			38.9	1.19		17.1	0.340
32548	Core	448	27.1	231.9	0.003	0.201	10.75	21.2	8.6	2.8	138.5	0.51	1.03	18.5	0.101
32548 Dup		444	25.6	249.7	0.004	0.235	11.83	19.4	9.0	2.8	130.5	0.34	0.91	16.5	0.081
QCV1111-00733-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1111-00733-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9998.7												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31080	Core	1.04	2.7	141	1.1	4.5	115	58.8
31080 Dup		1.10	2.9	155	0.9	5.3	115	60.7
QCV1111-00733-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5049	
31098	Core	1.04	3.5	151	0.8	5.5	111	72.7
31098 Dup		0.99	3.5	145	0.7	6.2	115	72.0
QCV1111-00733-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected								
STD-OREAS92-4A result		0.91	3.3		2.3	24.9		128.3
32548	Core	1.21	3.7	163	1.8	6.2	80	88.9
32548 Dup		1.22	3.8	166	1.7	6.3	79	85.7
QCV1111-00733-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-00733-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4772	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 64**
Client Reference: **Core 64**
Description: **3 ACE**

Date Received: 11/09/2011
Date Completed: 11/30/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	37	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08527-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31100	Core	0.012	0.14	>10	16.3	646	4.08	0.44	0.20	0.30	85.37	24.1	100	8.52	53.7
31101	Core	<0.005	5.84	>10	15.5	720	3.47	0.53	0.59	0.60	91.15	22.2	89	9.62	70.1
31102	Core	<0.005	0.39	>10	11.0	685	3.76	0.45	0.11	0.10	119.92	18.2	72	8.16	54.1
31103	Core	<0.005	0.05	>10	15.4	690	3.83	0.49	0.12	0.09	133.74	17.8	73	8.24	53.7
31104	Core	<0.005	0.05	>10	31.9	776	3.92	0.56	0.07	0.21	135.16	28.7	73	11.01	58.3
31105	Core	<0.005	0.04	>10	14.0	798	4.50	0.49	0.08	0.17	154.38	18.6	76	9.84	52.8
31106	Core	<0.005	0.03	>10	14.1	776	4.40	0.50	0.09	0.17	153.38	16.7	81	9.27	48.5
31107	Core	<0.005	0.55	>10	12.0	852	4.37	0.47	0.10	0.12	113.83	18.1	79	9.99	49.7
31108	Core	<0.005	<0.01	>10	12.4	847	4.18	0.50	0.10	0.12	141.93	18.4	84	9.84	55.1
31109	Core	<0.005	<0.01	>10	10.9	826	4.49	0.52	0.08	0.16	162.18	15.9	88	9.50	55.2
31110	Core	<0.005	<0.01	>10	12.1	853	5.17	0.47	0.10	0.09	153.71	18.9	79	9.84	56.0
31111	Core	<0.005	0.02	>10	10.6	780	3.58	0.47	0.10	0.11	137.51	17.9	83	8.84	56.7
31112	Core	<0.005	0.16	>10	11.7	832	4.05	0.44	0.51	0.10	129.32	17.4	133	9.27	55.5
31113	Core	<0.005	<0.01	>10	14.0	936	3.95	0.48	0.49	0.06	106.39	18.8	137	10.15	55.7
31114	Core	<0.005	0.05	>10	10.6	855	4.16	0.44	0.22	0.12	127.09	18.8	136	9.43	52.8
31115	Core	<0.005	<0.01	>10	10.5	880	4.05	0.47	0.31	0.12	151.26	18.0	131	9.45	51.8
31116	Core	<0.005	0.03	>10	14.3	980	4.55	0.46	0.19	0.17	158.76	19.0	90	10.41	58.5
31117	Core	<0.005	0.25	>10	14.1	868	3.83	0.46	0.09	0.08	152.75	18.3	96	9.23	51.5
31118	Core	0.005	0.08	>10	34.1	835	3.71	0.45	0.13	0.23	150.10	16.5	101	9.02	54.1
31119	Pulp	8.234	0.51	3.53	917.7	174	0.92	0.73	>10	4.65	31.60	6.6	80	7.51	36.5
31120	Reject	0.010	<0.01	>10	32.3	831	3.60	0.44	0.10	0.16	152.26	13.8	98	8.74	49.6
31121	Core	0.009	0.26	8.01	89.7	449	1.68	0.39	0.26	0.36	82.35	11.8	114	4.91	36.5
31122	Core	<0.005	0.10	>10	23.9	771	3.47	0.43	0.16	0.17	147.66	18.3	111	8.28	49.5
31123	Core	<0.005	0.02	>10	38.6	780	3.52	0.46	0.14	0.23	113.59	16.8	106	7.96	57.3
31124	Core	<0.005	0.09	>10	39.7	748	3.32	0.49	0.16	0.25	136.15	20.7	124	7.72	55.6
31125	Core	0.005	0.07	>10	61.4	715	3.10	0.51	0.17	0.28	137.76	17.3	104	7.47	48.5
31126	Core	<0.005	<0.01	>10	74.9	684	2.99	0.43	0.12	0.24	135.87	16.6	104	7.41	47.8
31127	Core	0.015	0.06	>10	193.8	738	3.36	0.45	0.15	0.55	147.55	17.8	102	8.12	45.7
31128	Core	0.023	0.36	8.04	811.4	437	2.17	0.26	0.06	2.83	96.64	16.8	133	5.35	37.1
31129	Core	0.331	2.39	2.30	2108.5	108	0.48	0.88	0.12	28.49	29.82	4.9	143	1.78	24.8
31130	Core	0.097	0.88	1.89	2382.9	70	0.39	0.37	1.21	4.12	21.37	3.4	118	1.25	10.2
31131	Core	0.037	0.03	2.07	274.9	55	0.38	0.09	0.30	0.72	30.63	4.6	143	1.05	10.4
31132	Core	0.011	<0.01	6.10	186.5	327	1.66	0.26	0.17	3.16	58.88	7.8	140	3.82	31.7
31133	Core	0.313	<0.01	2.55	1238.8	113	0.47	0.27	0.15	1.31	22.49	4.0	168	1.69	15.3
31134	Core	0.041	0.37	2.48	888.4	141	0.72	0.37	0.08	1.29	41.60	2.9	223	2.32	12.9
31135	Core	0.334	1.22	1.76	1715.7	94	0.43	2.79	0.09	0.55	25.63	1.3	233	1.61	11.8
31136	Core	0.237	0.95	1.91	1415.4	109	0.48	2.25	0.08	1.09	31.58	2.2	175	1.77	14.8
31137	Core	0.130	0.66	1.80	2313.3	87	0.40	1.30	0.07	8.95	29.22	8.4	132	1.63	29.9
31138	Core	1.734	11.90	2.86	>10000	160	0.50	28.25	0.10	4.10	42.37	1.9	158	3.03	19.6

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Certificate of Analysis

11-360-08527-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31100	Core	3.86	34.92	1.46	6.1	0.08	3.58	37.3	113.7	1.24	766	0.82	1.22	6.5	55.7
31101	Core	3.83	35.07	1.65	3.2	0.08	3.90	40.1	115.9	1.21	878	0.52	1.05	4.2	54.5
31102	Core	4.21	36.27	1.69	3.3	0.08	3.61	50.8	125.2	1.37	501	0.45	1.20	3.2	55.3
31103	Core	4.49	34.48	1.71	3.5	0.08	3.40	57.5	121.9	1.37	481	0.40	1.08	4.0	53.4
31104	Core	4.74	37.38	1.52	3.3	0.09	3.43	62.3	134.1	1.37	690	0.23	1.10	4.4	67.2
31105	Core	4.44	38.73	1.47	3.3	0.09	3.78	58.5	139.1	1.39	398	0.37	1.17	3.3	57.6
31106	Core	4.78	37.23	1.50	3.5	0.09	3.54	58.6	141.0	1.42	426	0.25	1.04	3.6	56.8
31107	Core	4.67	36.45	1.46	3.6	0.09	3.61	62.2	140.2	1.41	478	0.35	1.01	3.8	59.9
31108	Core	4.63	35.30	1.40	3.4	0.09	3.66	58.8	131.8	1.36	451	0.37	0.99	4.5	58.1
31109	Core	4.79	35.34	1.48	3.5	0.09	3.55	61.7	140.9	1.38	444	0.43	0.89	4.6	55.6
31110	Core	4.56	34.57	1.23	3.3	0.09	3.46	69.4	134.6	1.31	407	0.47	0.87	4.2	54.7
31111	Core	4.82	33.23	1.49	3.5	0.09	3.36	59.8	122.3	1.36	443	0.46	0.82	4.8	54.3
31112	Core	7.05	35.47	1.38	3.3	0.09	2.09	54.6	124.0	1.25	1123	0.40	0.42	3.3	52.5
31113	Core	6.77	36.86	1.32	3.5	0.09	2.29	45.2	124.6	1.20	753	0.52	0.41	3.4	55.5
31114	Core	6.76	33.97	1.49	3.6	0.08	2.12	62.2	119.0	1.17	1003	0.44	0.38	4.1	50.9
31115	Core	6.77	34.58	1.42	3.9	0.08	2.41	57.9	117.7	1.23	1030	0.41	0.41	4.2	53.6
31116	Core	5.02	37.17	1.56	3.7	0.09	3.60	64.6	131.3	1.36	613	0.43	0.65	5.2	57.7
31117	Core	5.17	35.95	1.68	3.6	0.08	3.54	59.6	102.1	1.31	583	0.39	0.58	4.6	59.0
31118	Core	5.27	34.67	1.49	3.3	0.08	3.48	54.3	96.6	1.26	594	0.41	0.51	4.8	56.9
31119	Pulp	1.31	8.69	0.26	2.1	0.07	1.33	17.9	8.7	0.80	282	12.50	<0.01	8.3	69.0
31120	Reject	5.17	32.26	1.59	3.2	0.08	3.23	56.9	91.3	1.22	539	0.33	0.47	4.5	52.0
31121	Core	4.30	20.53	1.21	2.3	0.05	2.02	31.9	61.9	0.91	898	0.42	0.25	2.7	34.9
31122	Core	5.38	32.44	1.45	3.8	0.07	3.38	48.4	79.7	1.25	462	0.38	0.38	4.9	52.7
31123	Core	5.43	32.61	1.38	3.7	0.07	3.24	50.6	79.5	1.24	504	0.41	0.37	5.4	51.2
31124	Core	5.97	33.72	1.47	4.0	0.08	3.34	49.2	83.0	1.35	824	0.63	0.37	5.3	56.4
31125	Core	5.54	31.72	1.40	4.1	0.07	3.44	50.8	77.0	1.30	606	0.36	0.36	4.5	52.3
31126	Core	5.61	31.02	1.43	3.7	0.07	3.26	47.8	78.2	1.27	583	0.40	0.31	3.5	48.8
31127	Core	5.59	31.71	1.37	3.7	0.07	3.48	49.5	72.7	1.20	691	0.36	0.32	3.8	49.9
31128	Core	3.93	21.95	1.33	4.9	0.05	2.35	33.8	49.0	0.58	793	0.45	0.16	3.7	34.6
31129	Core	1.78	6.71	1.42	1.2	0.50	0.85	11.3	25.7	0.12	829	0.41	0.05	0.8	9.5
31130	Core	1.24	4.73	1.02	1.0	0.07	0.61	10.0	11.1	0.22	811	0.26	0.18	0.6	6.7
31131	Core	1.27	4.49	0.87	1.1	<0.01	0.39	9.6	18.1	0.21	295	0.44	0.60	0.7	9.3
31132	Core	2.26	16.42	1.03	2.1	0.04	1.73	22.3	20.9	0.40	461	0.42	0.30	2.0	24.1
31133	Core	1.25	6.37	0.88	1.3	0.04	0.82	10.6	9.3	0.16	415	0.44	0.14	0.8	8.9
31134	Core	1.57	8.32	0.98	1.4	0.04	0.55	12.7	15.1	0.06	203	0.35	0.03	0.8	6.8
31135	Core	0.61	5.27	1.36	1.1	0.10	0.48	9.5	9.1	0.07	45	0.35	0.02	0.7	2.6
31136	Core	0.63	6.49	1.18	1.1	0.16	0.52	10.8	8.3	0.07	39	0.34	0.02	0.7	2.9
31137	Core	0.86	5.02	1.23	0.8	0.12	0.65	7.4	12.2	0.06	148	0.41	0.03	0.6	5.9
31138	Core	3.62	9.22	1.55	1.2	0.40	1.09	10.4	3.7	0.09	40	0.53	0.06	0.8	5.5

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11-360-08527-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31100	Core	292	27.1	169.0	<0.002	<0.01	0.96	18.1	<1.0	3.3	204.1	0.81	<0.05	20.8	0.072
31101	Core	243	26.1	195.6	0.002	<0.01	1.14	19.8	1.6	3.0	202.3	0.47	<0.05	16.7	0.094
31102	Core	389	23.7	168.8	0.003	<0.01	0.92	18.8	1.5	2.8	201.6	0.35	<0.05	18.8	0.078
31103	Core	475	31.4	171.4	0.003	<0.01	1.21	19.1	1.5	2.8	190.5	0.39	0.05	18.4	0.098
31104	Core	358	38.7	188.2	<0.002	0.025	1.55	22.1	1.8	3.3	195.5	0.41	0.12	18.0	0.108
31105	Core	418	20.0	197.7	0.004	0.052	1.06	21.6	2.6	3.1	208.8	0.37	0.05	19.4	0.078
31106	Core	467	25.5	191.3	0.003	0.039	1.14	21.2	1.0	3.1	200.0	0.39	0.09	19.0	0.091
31107	Core	525	28.2	197.3	<0.002	0.021	1.02	21.9	2.2	3.4	190.9	0.38	0.14	18.5	0.094
31108	Core	461	26.6	205.8	0.003	0.022	0.98	21.0	1.7	3.3	194.2	0.40	0.12	18.0	0.111
31109	Core	390	26.9	190.9	<0.002	0.037	1.24	20.1	1.0	3.5	180.6	0.46	0.07	18.3	0.123
31110	Core	565	27.5	198.7	<0.002	0.057	1.22	22.1	2.0	3.3	178.0	0.39	0.13	17.9	0.108
31111	Core	514	26.7	183.3	0.003	0.040	0.98	18.8	1.7	3.0	169.8	0.42	0.07	18.5	0.120
31112	Core	701	30.9	201.7	0.003	0.053	0.97	19.4	2.7	3.1	167.0	0.32	0.14	16.6	0.105
31113	Core	816	24.6	198.5	<0.002	0.112	1.37	21.2	1.6	3.2	166.9	0.34	0.13	17.0	0.112
31114	Core	741	30.9	186.8	0.002	0.014	0.96	20.0	1.5	3.2	148.3	0.35	0.11	17.9	0.129
31115	Core	733	27.8	191.7	0.002	0.038	0.99	20.4	1.1	3.2	160.0	0.40	0.13	17.8	0.144
31116	Core	478	31.0	226.1	<0.002	0.053	1.07	23.7	2.5	3.6	154.5	0.39	0.25	18.0	0.129
31117	Core	410	27.5	207.0	<0.002	<0.01	0.85	18.9	1.8	3.1	149.4	0.42	0.07	19.0	0.132
31118	Core	641	30.4	211.8	<0.002	<0.01	1.00	19.2	1.8	3.2	135.5	0.38	0.07	17.1	0.137
31119	Pulp	3813	10.8	119.8	0.038	1.243	21.28	6.2	10.8	2.4	133.9	0.45	0.66	5.9	0.184
31120	Reject	501	29.5	207.0	<0.002	<0.01	0.97	17.2	2.1	2.9	126.1	0.34	0.08	16.7	0.125
31121	Core	295	85.1	115.8	<0.002	0.189	0.91	10.2	1.5	2.1	71.2	0.21	<0.05	11.7	0.079
31122	Core	515	25.6	203.6	0.004	0.040	1.01	17.5	<1.0	2.9	107.6	0.40	<0.05	19.1	0.150
31123	Core	584	25.6	195.5	<0.002	0.037	0.86	18.6	1.6	2.9	101.1	0.42	0.08	18.8	0.153
31124	Core	615	25.3	194.3	<0.002	0.043	1.16	17.8	<1.0	3.0	100.8	0.51	<0.05	19.2	0.159
31125	Core	618	25.2	197.7	0.003	0.056	1.09	17.6	<1.0	2.9	96.1	0.43	<0.05	20.5	0.144
31126	Core	534	19.1	180.0	0.004	0.015	1.09	16.9	1.5	2.7	85.7	0.34	<0.05	18.6	0.118
31127	Core	689	26.8	189.8	0.003	0.056	1.43	17.1	1.3	2.8	89.3	0.34	0.09	18.4	0.121
31128	Core	257	18.6	134.5	0.004	0.034	1.87	10.7	1.1	2.5	48.2	0.43	0.10	16.1	0.079
31129	Core	65	1072.7	49.1	0.003	0.239	4.94	2.4	2.0	6.2	14.2	0.08	<0.05	6.3	0.021
31130	Core	47	140.1	32.6	<0.002	0.391	2.75	1.5	1.6	4.4	44.6	0.05	<0.05	6.2	0.018
31131	Core	126	26.3	23.1	<0.002	0.284	0.98	1.1	2.2	1.2	25.8	0.07	<0.05	5.6	0.017
31132	Core	213	38.1	94.9	<0.002	0.113	1.23	7.0	1.5	2.6	42.4	0.19	<0.05	11.5	0.055
31133	Core	48	41.5	44.4	<0.002	0.309	1.92	2.1	1.5	4.6	18.6	0.09	<0.05	7.3	0.024
31134	Core	297	44.4	52.7	<0.002	0.046	1.44	2.2	2.1	4.2	20.6	0.08	<0.05	8.5	0.028
31135	Core	252	433.0	42.0	<0.002	0.031	2.80	1.3	<1.0	6.5	15.5	0.07	<0.05	3.9	0.026
31136	Core	216	251.0	46.0	<0.002	0.036	3.43	1.8	<1.0	7.6	19.3	0.07	<0.05	4.5	0.027
31137	Core	<10	137.1	39.0	<0.002	0.324	3.53	1.2	1.3	8.2	16.0	0.05	<0.05	5.3	0.015
31138	Core	134	1135.6	62.7	<0.002	0.133	24.02	3.4	2.8	10.1	54.8	0.06	0.32	5.4	0.023

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11-360-08527-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31100	Core	0.85	4.1	129	0.7	8.6	119	101.3
31101	Core	1.03	4.1	131	37.6	8.4	137	94.5
31102	Core	0.90	4.5	137	1.7	8.1	113	104.4
31103	Core	0.90	4.6	141	0.6	8.8	119	103.4
31104	Core	0.91	4.8	144	0.6	9.2	135	110.1
31105	Core	1.02	4.8	149	0.4	7.8	120	98.1
31106	Core	1.01	5.3	153	0.5	8.2	120	99.2
31107	Core	1.02	4.8	150	0.5	9.3	123	104.1
31108	Core	1.00	4.5	153	0.5	8.5	127	103.9
31109	Core	0.97	4.8	155	0.5	8.3	120	103.2
31110	Core	0.95	4.7	147	0.6	9.1	116	105.6
31111	Core	0.94	4.7	152	0.5	8.9	124	103.7
31112	Core	0.92	4.3	192	0.4	8.9	156	104.4
31113	Core	1.02	4.7	194	0.5	8.7	152	103.0
31114	Core	0.98	4.3	185	0.6	10.3	160	115.8
31115	Core	1.05	4.8	191	0.6	9.8	158	112.0
31116	Core	0.99	4.5	161	0.5	10.6	132	126.5
31117	Core	1.10	4.4	165	0.7	9.3	140	105.7
31118	Core	1.02	4.5	163	0.6	10.1	147	111.0
31119	Pulp	14.03	8.4	423	34.7	25.6	288	79.3
31120	Reject	0.96	4.1	160	0.6	9.4	134	106.2
31121	Core	0.61	3.0	103	0.6	6.8	120	69.1
31122	Core	1.03	4.7	169	0.7	9.9	142	116.3
31123	Core	1.06	4.8	167	0.6	9.8	148	112.3
31124	Core	1.07	4.8	175	0.7	10.1	180	114.9
31125	Core	1.04	4.8	171	0.7	10.2	162	116.1
31126	Core	1.02	4.3	166	0.6	8.9	175	102.9
31127	Core	1.04	4.9	167	1.1	10.5	297	112.7
31128	Core	0.73	4.2	98	1.7	7.9	879	84.2
31129	Core	0.28	1.3	24	1.3	4.0	3212	38.1
31130	Core	0.19	0.8	22	14.2	3.3	282	30.4
31131	Core	0.14	0.9	21	0.9	2.5	143	30.9
31132	Core	0.51	2.5	70	0.9	4.6	343	61.1
31133	Core	0.24	1.4	27	1.1	3.1	152	38.3
31134	Core	0.28	1.6	38	1.4	3.2	67	47.0
31135	Core	0.24	0.9	26	1.2	1.8	12	32.0
31136	Core	0.28	0.9	28	1.5	2.0	21	33.6
31137	Core	0.20	1.1	17	1.3	2.1	251	26.0
31138	Core	0.40	1.5	30	2.2	1.9	64	40.1

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31100	Core		0.14	>10	16.3	646	4.08	0.44	0.20	0.30	85.37	24.1	100	8.52	53.7
31100 Dup			0.17	>10	16.0	679	4.28	0.42	0.21	0.37	87.12	24.6	100	8.76	54.4
QCV1111-00883-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80												6710.0
STD-CDN-ME-16 result			31.51												6855.0
31118	Core		0.08	>10	34.1	835	3.71	0.45	0.13	0.23	150.10	16.5	101	9.02	54.1
31118 Dup			0.09	>10	32.2	793	3.11	0.46	0.12	0.21	122.45	15.9	98	8.23	48.1
QCV1111-00883-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.05	<0.1	<1	<0.05	<0.2
STD-CDN-ME-16 expected			30.80												6710.0
STD-CDN-ME-16 result			30.91												6569.7
31136	Core		0.95	1.91	1415.4	109	0.48	2.25	0.08	1.09	31.58	2.2	175	1.77	14.8
31136 Dup			0.94	1.94	1391.6	113	0.44	2.42	0.07	1.16	32.41	2.3	197	1.84	15.2
QCV1111-00883-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.12	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.79	8.75	9.5	399	2.96	2.51		0.05		15.8		6.45	2289.0
31100	Core	0.012													
31100 Dup		<0.005													
31118	Core	0.005													
31118 Dup		<0.005													
QCV1111-00884-0004-BLK		<0.005													
31136	Core	0.237													
31136 Dup		0.248													
QCV1111-00884-0006-BLK		0.009													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.389													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31100	Core	3.86	34.92	1.46	6.1	0.08	3.58	37.3	113.7	1.24	766	0.82	1.22	6.5	55.7
31100 Dup		3.96	33.88	1.49	4.0	0.08	3.64	48.8	118.9	1.25	787	0.71	1.20	4.8	51.2
QCV1111-00883-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected													0.89		
STD-CDN-ME-16 result													0.92		
31118	Core	5.27	34.67	1.49	3.3	0.08	3.48	54.3	96.6	1.26	594	0.41	0.51	4.8	56.9
31118 Dup		5.18	31.31	1.17	3.4	0.07	3.24	51.4	91.3	1.23	585	0.34	0.49	3.2	52.1
QCV1111-00883-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-16 expected							1.00						0.89		
STD-CDN-ME-16 result							1.01						0.85		
31136	Core	0.63	6.49	1.18	1.1	0.16	0.52	10.8	8.3	0.07	39	0.34	0.02	0.7	2.9
31136 Dup		0.61	6.56	1.25	1.1	0.17	0.55	10.9	8.9	0.07	36	0.34	0.03	0.7	3.0
QCV1111-00883-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.68			3.9	0.32	2.83	39.9	22.6			0.36	0.54	14.6	39.3

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11-360-08527-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31100	Core	292	27.1	169.0	<0.002	<0.01	0.96	18.1	<1.0	3.3	204.1	0.81	<0.05	20.8	0.072
31100 Dup		314	24.8	175.4	0.003	<0.01	0.97	18.7	1.1	3.2	208.1	0.53	<0.05	20.1	0.095
QCV1111-00883-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0			6.500									
STD-CDN-ME-16 result			8889.6			6.120									
31118	Core	641	30.4	211.8	<0.002	<0.01	1.00	19.2	1.8	3.2	135.5	0.38	0.07	17.1	0.137
31118 Dup		592	27.8	194.5	0.002	<0.01	0.98	18.1	1.3	2.9	132.0	0.31	<0.05	17.9	0.100
QCV1111-00883-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-16 expected			8790.0			6.500									
STD-CDN-ME-16 result			8864.8			6.382									
31136	Core	216	251.0	46.0	<0.002	0.036	3.43	1.8	<1.0	7.6	19.3	0.07	<0.05	4.5	0.027
31136 Dup		170	230.0	49.7	<0.002	0.035	3.50	1.9	1.5	7.3	20.0	0.06	<0.05	4.7	0.026
QCV1111-00883-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		711	10.0	199.6	0.002	0.291	1.16	12.3	4.2	10.5	36.7	1.07	<0.05	17.0	0.324

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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31100	Core	0.85	4.1	129	0.7	8.6	119	101.3
31100 Dup		0.91	4.4	133	0.7	9.0	123	106.7
QCV1111-00883-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							8259	
31118	Core	1.02	4.5	163	0.6	10.1	147	111.0
31118 Dup		1.05	4.4	159	0.8	8.9	143	98.3
QCV1111-00883-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-16 expected							8070	
STD-CDN-ME-16 result							8590	
31136	Core	0.28	0.9	28	1.5	2.0	21	33.6
31136 Dup		0.28	0.9	28	1.6	2.2	21	36.6
QCV1111-00883-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.97	3.6		2.5	24.8	79	121.0

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

3Ace Property, Northern Tiger Resources Inc.
Vol 9-413
Buchanan et al., 2011

Distribution List

Attention: Greg Hayes
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Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
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Attention: Jim McFaull
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 65**
Client Reference: **Core 65**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/18/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	39	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29439	Core	0.007	0.19	8.77	88.1	558	2.43	0.28	0.69	0.17	16.23	21.0	132	3.94	42.2
29440	Core	<0.005	0.17	8.87	28.9	537	2.36	0.35	0.20	0.08	29.16	20.9	135	3.80	40.8
29441	Core	<0.005	0.18	7.30	79.2	391	1.88	0.26	0.13	0.51	19.38	17.5	128	2.98	36.6
29442	Core	0.010	0.19	7.81	111.5	437	2.17	0.29	0.16	0.30	20.69	18.7	138	3.30	45.4
29443	Core	0.047	0.12	4.09	555.2	251	1.01	0.12	0.11	0.80	17.27	7.6	186	2.08	9.8
29444	Core	0.016	0.07	1.56	98.7	63	0.34	0.07	0.06	0.49	13.01	3.9	188	0.71	8.1
29445	Core	<0.005	0.15	6.13	17.4	403	1.51	0.26	0.12	0.18	20.90	12.6	180	2.68	29.9
29446	Core	8.304	0.49	3.01	955.9	170	0.61	0.69	>10	4.44	26.12	6.9	105	6.79	32.7
29447	Core	<0.005	0.22	6.10	23.5	351	1.48	0.31	0.12	0.16	27.14	14.2	185	2.47	32.2
29448	Core	0.012	0.09	2.11	77.3	91	0.37	0.07	0.07	0.14	23.52	3.6	166	1.12	6.4
29449	Core	<0.005	0.11	2.35	9.8	97	0.37	0.08	0.12	0.04	23.09	5.2	203	1.29	9.0
29450	Core	<0.005	0.12	4.38	24.9	229	1.05	0.15	0.10	0.09	30.13	10.0	179	2.03	24.1
29451	Core	0.006	0.28	>10	35.3	905	3.96	0.57	0.33	0.31	29.69	27.5	176	5.92	54.8
29452	Core	0.022	0.07	2.58	13.1	104	0.61	0.08	0.11	0.15	26.76	6.4	155	1.08	6.3
29453	Core	0.021	0.33	2.24	374.2	86	0.31	0.10	0.06	0.24	25.57	5.3	176	1.04	12.9
29454	Core	0.042	0.24	5.35	323.6	335	1.13	0.19	0.08	0.47	30.98	12.3	175	3.68	36.2
29455	Core	0.030	0.25	9.35	357.9	535	2.01	0.17	0.11	0.17	34.65	17.8	141	4.67	33.3
29456	Core	0.012	0.16	8.07	161.4	496	1.40	0.14	0.08	0.08	29.35	10.5	111	4.17	23.2
29457	Core	0.045	0.19	2.92	1055.9	134	0.62	0.07	0.05	1.07	21.81	6.0	163	1.80	11.4
29458	Core	0.043	0.21	2.35	906.8	132	0.49	0.07	0.03	0.31	22.32	4.9	178	1.45	13.4
29459	Core	0.035	0.12	2.02	810.3	93	0.35	0.07	0.04	0.66	26.68	5.0	193	1.08	13.0
29460	Core	0.014	0.07	2.16	59.9	104	0.44	0.07	0.04	0.07	31.61	4.3	195	1.10	7.4
29461	Core	0.020	0.07	2.51	247.4	124	0.46	0.06	0.04	0.02	33.47	4.3	203	1.29	8.5
29462	Core	0.034	0.08	2.66	363.3	133	0.42	0.08	0.04	0.08	30.20	4.6	176	1.27	9.9
29463	Core	0.012	0.13	2.70	79.8	131	0.75	0.08	0.05	0.10	32.69	4.7	213	1.37	11.9
29464	Core	0.006	0.09	2.88	45.9	131	0.52	0.09	0.06	0.08	35.41	5.2	164	1.32	10.8
29465	Core	<0.005	0.11	3.14	33.7	149	0.57	0.09	0.06	0.08	28.54	5.0	183	1.30	11.6
29466	Core	0.018	0.11	2.68	119.5	123	0.53	0.08	0.05	0.33	21.03	4.0	165	1.25	9.7
29467	Core	0.082	0.14	2.93	58.2	135	0.57	0.08	0.04	0.18	28.69	4.4	176	1.33	7.7
29468	Core	0.006	0.09	2.73	84.8	119	0.67	0.08	0.06	0.12	31.41	4.1	184	1.19	8.4
29469	Core	<0.005	0.09	2.29	17.8	103	0.45	0.08	0.06	0.12	25.24	3.5	167	1.11	9.2
29470	Core	0.054	0.35	2.79	1120.6	154	0.61	0.08	0.05	2.44	25.75	4.5	177	1.51	12.5
29471	Core	0.022	0.13	2.67	158.6	108	0.35	0.09	0.03	0.26	22.52	4.0	222	1.16	13.6
29472	Core	0.034	0.17	2.15	377.2	101	0.33	0.09	0.05	0.23	22.48	3.5	212	0.99	6.5
29473	Core	0.017	0.35	3.25	138.5	144	0.61	0.08	0.07	1.11	19.09	4.7	199	2.22	6.2
29474	Core	0.011	0.69	2.45	55.8	105	0.42	0.09	0.04	0.14	23.57	3.5	205	1.28	5.7
29475	Core	0.014	0.17	2.32	38.4	94	0.49	0.09	0.06	0.05	26.26	3.9	214	1.31	7.4
29476	Core	<0.005	0.11	2.42	12.2	100	0.54	0.10	0.06	0.05	26.08	3.9	199	1.39	8.2
29477	Core	0.141	0.83	6.15	2114.4	443	1.61	0.24	0.08	1.67	22.15	12.7	231	4.07	22.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29439	Core	4.91	21.36	0.99	2.5	0.06	2.32	7.1	29.5	0.53	1219	0.45	0.12	1.2	42.6
29440	Core	5.06	22.42	0.61	3.1	0.06	2.23	15.2	25.6	0.61	1050	0.48	0.12	1.6	45.7
29441	Core	3.53	17.52	0.83	2.7	0.06	1.73	9.8	25.9	0.32	697	0.43	0.09	1.6	46.8
29442	Core	4.28	20.05	0.71	2.9	0.06	1.96	11.1	26.4	0.47	887	0.41	0.11	1.4	40.6
29443	Core	1.87	11.27	0.77	1.6	0.04	1.15	8.9	16.1	0.18	534	0.45	0.06	1.2	17.9
29444	Core	1.34	3.70	0.67	0.8	0.02	0.29	6.4	9.3	0.08	446	0.49	0.02	0.5	9.4
29445	Core	3.00	15.68	0.57	2.4	0.05	1.73	11.2	17.2	0.33	731	0.52	0.10	1.2	24.7
29446	Core	1.39	6.79	<0.05	2.2	0.06	1.08	15.4	8.3	0.71	299	12.09	<0.01	6.0	67.6
29447	Core	2.87	14.01	0.52	2.3	0.04	1.60	14.2	14.9	0.31	693	0.52	0.10	1.6	24.2
29448	Core	1.25	4.79	0.46	1.2	0.01	0.39	10.8	21.1	0.09	462	0.41	0.03	0.7	9.3
29449	Core	1.69	5.01	0.38	1.2	0.02	0.41	11.3	10.3	0.17	713	0.51	0.06	0.8	12.3
29450	Core	2.26	10.48	0.74	2.1	0.03	1.02	13.1	16.4	0.22	451	0.50	0.06	1.2	24.0
29451	Core	4.80	31.92	0.87	4.3	0.09	3.57	15.1	30.5	0.65	544	0.62	0.21	2.1	53.5
29452	Core	1.92	6.55	0.59	1.5	0.02	0.43	12.9	11.6	0.15	637	0.37	0.03	0.7	13.0
29453	Core	1.54	4.64	0.73	4.7	0.02	0.50	11.8	10.1	0.13	384	0.41	0.03	1.5	12.1
29454	Core	2.68	13.26	0.81	2.7	0.04	1.51	15.4	27.9	0.32	513	0.47	0.09	1.9	26.5
29455	Core	4.86	23.08	0.58	3.1	0.06	2.50	16.2	30.8	0.80	960	0.34	0.14	2.4	37.1
29456	Core	2.54	19.01	0.52	2.6	0.04	2.18	14.3	18.0	0.37	814	0.37	0.12	1.9	19.9
29457	Core	1.26	6.45	1.03	1.7	0.03	0.79	10.5	20.3	0.10	336	0.38	0.04	0.9	11.8
29458	Core	0.98	6.14	0.87	1.6	0.03	0.76	10.7	9.7	0.08	283	0.41	0.04	0.8	9.0
29459	Core	1.13	4.93	0.75	1.6	0.03	0.46	12.2	9.4	0.09	332	0.40	0.03	0.7	9.8
29460	Core	1.08	5.09	0.71	1.6	0.01	0.46	14.8	11.0	0.09	282	0.48	0.03	0.8	7.4
29461	Core	1.08	5.92	0.75	1.8	0.02	0.62	15.6	10.2	0.11	207	0.42	0.04	0.9	8.6
29462	Core	1.17	6.29	0.66	1.7	0.02	0.68	13.7	14.2	0.10	266	0.49	0.04	0.9	10.2
29463	Core	1.17	6.42	0.83	1.9	0.02	0.62	15.4	14.4	0.10	287	0.42	0.04	1.0	10.1
29464	Core	1.30	6.49	0.48	2.0	0.02	0.62	16.0	14.2	0.10	325	0.45	0.04	1.1	9.7
29465	Core	1.28	7.26	0.66	1.8	0.02	0.72	13.4	22.8	0.10	473	0.35	0.05	1.1	10.4
29466	Core	1.02	6.31	0.86	1.4	0.02	0.55	10.2	24.7	0.08	230	0.40	0.04	0.8	9.5
29467	Core	0.92	6.18	0.70	1.8	0.02	0.67	13.5	11.4	0.08	227	0.33	0.04	1.0	8.8
29468	Core	1.21	5.78	0.69	1.7	0.02	0.56	15.2	13.2	0.09	430	0.46	0.04	0.9	8.3
29469	Core	1.01	5.38	0.73	1.5	0.02	0.45	11.9	11.0	0.07	284	0.38	0.03	0.8	7.9
29470	Core	1.10	6.94	0.71	1.5	0.08	0.93	13.0	7.2	0.08	219	0.41	0.05	1.1	10.6
29471	Core	0.75	5.58	0.62	1.1	0.02	0.60	10.1	8.2	0.04	220	0.46	0.04	0.8	8.8
29472	Core	1.20	5.14	0.56	1.2	0.01	0.49	10.8	6.9	0.06	690	0.47	0.03	0.7	7.0
29473	Core	1.43	6.71	0.67	1.4	0.05	0.77	9.6	28.7	0.14	590	0.43	0.06	0.8	11.6
29474	Core	1.00	5.33	0.63	1.2	0.02	0.55	11.4	7.8	0.08	261	0.48	0.04	4.3	8.5
29475	Core	1.29	4.95	0.59	1.2	0.02	0.45	11.3	6.6	0.12	383	0.42	0.06	1.0	11.1
29476	Core	1.18	5.53	0.51	1.2	0.02	0.48	12.8	9.6	0.12	362	0.46	0.10	0.8	8.9
29477	Core	1.97	16.18	0.75	3.0	0.08	2.02	11.3	22.5	0.17	353	0.54	0.16	2.0	24.8

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29439	Core	2332	19.2	131.2	0.003	0.342	2.18	13.6	7.6	2.2	125.0	0.14	0.65	11.6	0.048
29440	Core	357	32.7	139.8	0.004	0.115	2.28	14.0	7.1	2.1	69.1	0.14	0.71	12.9	0.067
29441	Core	209	17.3	102.0	0.008	0.594	2.01	11.6	7.0	2.0	43.8	0.14	0.65	10.9	0.064
29442	Core	244	17.0	118.5	0.004	0.358	1.97	12.6	7.1	2.0	41.4	0.12	0.64	11.8	0.061
29443	Core	271	10.2	78.6	<0.002	0.640	1.76	6.7	8.3	1.7	26.7	0.09	0.67	8.5	0.046
29444	Core	101	13.5	20.4	0.003	0.314	0.63	2.7	7.7	1.0	10.4	<0.05	0.63	4.3	0.015
29445	Core	170	29.5	99.1	<0.002	0.109	1.58	9.6	7.4	2.2	39.8	0.11	0.71	10.8	0.053
29446	Core	3619	6.7	110.8	0.032	1.139	22.30	6.5	15.0	1.7	141.7	0.35	1.11	5.7	0.183
29447	Core	180	37.8	93.7	0.003	0.141	1.82	8.8	6.6	2.4	35.0	0.12	0.62	10.5	0.060
29448	Core	112	9.8	25.7	0.006	0.207	0.65	3.3	6.9	0.8	11.6	0.05	0.65	6.4	0.026
29449	Core	129	10.1	25.1	0.004	0.049	0.56	3.6	6.8	0.8	11.6	0.06	0.67	6.5	0.025
29450	Core	159	20.7	57.9	0.004	0.225	1.50	6.2	6.7	1.4	19.7	0.10	0.60	8.6	0.042
29451	Core	889	52.2	221.0	0.003	0.252	3.72	19.7	7.1	3.3	87.1	0.20	0.78	18.8	0.097
29452	Core	227	7.0	28.3	<0.002	0.033	0.55	4.1	7.9	1.0	14.7	0.06	0.67	7.2	0.027
29453	Core	145	12.3	27.2	0.004	0.360	1.36	3.7	6.5	1.7	15.0	0.16	0.70	7.7	0.024
29454	Core	185	14.2	88.1	0.005	0.714	2.17	8.1	7.5	2.2	57.2	0.21	0.69	11.4	0.053
29455	Core	244	9.9	144.3	0.005	0.459	2.10	13.8	6.8	2.3	59.2	0.27	0.66	11.5	0.072
29456	Core	166	8.6	124.9	<0.002	0.166	1.36	9.2	6.7	2.0	48.2	0.18	0.70	8.8	0.066
29457	Core	112	39.6	47.7	0.003	0.543	3.26	3.7	6.9	3.2	19.2	0.08	0.66	5.3	0.035
29458	Core	77	74.8	47.6	0.002	0.464	2.15	3.6	7.2	4.1	17.4	0.06	0.60	7.5	0.031
29459	Core	90	22.5	29.6	<0.002	0.298	1.88	3.3	7.4	2.2	13.7	0.06	0.56	7.4	0.024
29460	Core	91	6.1	27.1	<0.002	0.126	0.76	3.5	6.4	0.9	15.3	0.07	0.59	7.7	0.030
29461	Core	93	5.5	34.6	0.005	0.090	0.99	3.7	6.2	1.0	19.4	0.07	0.58	8.6	0.031
29462	Core	91	8.6	38.9	<0.002	0.273	1.15	3.7	6.9	1.1	20.5	0.07	0.58	7.8	0.033
29463	Core	89	8.5	36.9	0.004	0.161	0.93	3.9	7.6	1.2	17.9	0.08	0.64	8.9	0.037
29464	Core	112	18.8	35.1	0.003	0.079	0.63	3.9	7.5	0.9	16.9	0.09	0.62	8.8	0.035
29465	Core	83	9.9	37.8	0.002	0.091	0.63	4.4	6.8	0.9	19.9	0.09	0.62	8.5	0.035
29466	Core	89	15.2	34.2	<0.002	0.148	0.91	3.6	6.8	1.0	15.6	0.07	0.61	6.7	0.026
29467	Core	94	20.0	37.7	0.005	0.170	0.84	3.8	7.5	1.5	17.5	0.09	0.60	9.3	0.034
29468	Core	102	10.1	31.4	0.002	0.072	0.83	3.6	6.8	1.0	18.4	0.07	0.60	7.7	0.030
29469	Core	96	16.9	28.8	<0.002	0.079	0.72	3.2	7.3	1.0	17.2	0.07	0.61	6.0	0.030
29470	Core	111	137.1	53.3	0.002	0.603	2.49	3.7	7.0	6.6	19.1	0.10	0.60	6.3	0.035
29471	Core	104	15.9	32.4	0.004	0.370	1.21	3.1	6.8	1.5	15.5	0.07	0.60	6.0	0.024
29472	Core	73	31.2	27.5	0.002	0.150	1.48	3.0	7.5	0.9	17.1	0.06	0.61	6.3	0.022
29473	Core	129	190.8	41.7	0.004	0.240	1.33	4.2	7.3	2.5	22.3	0.06	0.60	7.2	0.029
29474	Core	103	12.9	32.2	0.005	0.136	0.82	3.4	7.4	1.2	13.6	0.09	0.57	5.9	0.027
29475	Core	114	14.5	26.8	0.003	0.146	0.71	3.3	8.3	1.0	10.6	0.06	0.64	5.8	0.027
29476	Core	117	11.6	27.5	0.002	0.028	0.64	3.3	7.0	0.8	11.7	0.07	0.63	6.2	0.026
29477	Core	141	636.0	115.3	0.003	0.866	5.64	9.0	7.6	6.2	57.6	0.15	0.68	12.4	0.076

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11-360-08528-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29439	Core	0.75	3.2	151	1.4	11.5	133	83.4
29440	Core	0.79	3.6	160	1.6	7.8	130	99.1
29441	Core	0.59	2.7	149	1.2	6.5	150	84.7
29442	Core	0.66	2.9	148	1.3	6.9	131	89.2
29443	Core	0.46	1.7	112	0.8	4.2	111	50.8
29444	Core	0.13	0.8	87	0.4	2.5	125	24.0
29445	Core	0.57	2.4	133	1.2	5.7	83	76.2
29446	Core	13.39	7.6	454	33.4	22.9	254	70.3
29447	Core	0.69	2.3	134	1.4	5.4	88	71.7
29448	Core	0.22	1.0	107	0.4	3.5	31	39.2
29449	Core	0.19	1.1	102	0.3	3.6	54	40.4
29450	Core	0.38	1.7	119	0.6	4.3	59	66.8
29451	Core	1.28	4.7	200	1.5	10.4	155	137.3
29452	Core	0.19	1.1	104	0.5	4.3	59	53.6
29453	Core	0.22	1.0	79	0.6	3.1	45	39.3
29454	Core	0.55	2.1	117	1.6	5.2	78	71.7
29455	Core	0.85	2.7	155	2.3	7.1	129	99.2
29456	Core	0.68	2.0	125	1.4	5.7	73	84.4
29457	Core	0.34	1.0	84	1.4	3.4	86	46.3
29458	Core	0.29	1.2	94	0.8	3.8	32	52.9
29459	Core	0.21	1.0	92	0.6	3.3	75	48.4
29460	Core	0.20	1.2	93	0.8	3.6	30	53.0
29461	Core	0.22	1.3	94	0.7	3.5	26	59.2
29462	Core	0.25	1.3	96	0.8	3.6	31	62.2
29463	Core	0.22	1.3	96	1.0	3.7	34	55.9
29464	Core	0.23	1.3	97	0.6	4.0	43	58.2
29465	Core	0.24	1.3	100	0.7	4.1	40	56.1
29466	Core	0.22	1.2	95	0.6	3.1	45	49.1
29467	Core	0.22	1.4	91	0.9	3.9	40	56.4
29468	Core	0.20	1.3	92	0.7	3.7	41	50.0
29469	Core	0.19	1.0	91	0.6	2.9	33	41.3
29470	Core	0.32	1.2	97	0.9	3.3	182	44.5
29471	Core	0.24	1.0	88	0.6	2.8	38	33.1
29472	Core	0.19	1.0	89	0.6	3.2	54	35.8
29473	Core	0.34	1.3	99	1.2	3.5	115	43.9
29474	Core	0.21	1.1	99	1.2	2.7	43	43.0
29475	Core	0.19	1.0	90	0.4	2.9	33	37.0
29476	Core	0.17	1.1	94	0.3	3.0	31	36.5
29477	Core	0.67	2.7	135	1.1	5.9	146	89.3

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11-360-08528-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29439	Core		0.19	8.77	88.1	558	2.43	0.28	0.69	0.17	16.23	21.0	132	3.94	42.2
29439 Dup			0.21	8.76	84.9	502	2.24	0.28	0.67	0.21	19.15	19.6	131	3.95	43.3
QCV1111-00431-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.82	8.17	9.4	493	2.61	2.63	0.60	0.06	100.39	17.6		7.58	2438.2
29457	Core		0.19	2.92	1055.9	134	0.62	0.07	0.05	1.07	21.81	6.0	163	1.80	11.4
29457 Dup			0.18	2.91	1002.8	132	0.58	0.07	0.04	1.04	20.37	6.0	171	1.74	10.5
QCV1111-00431-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.47	4.34	7190.6	222						10.5			27.7
29475	Core		0.17	2.32	38.4	94	0.49	0.09	0.06	0.05	26.26	3.9	214	1.31	7.4
29475 Dup			0.17	2.29	34.8	94	0.32	0.09	0.06	0.06	23.83	4.0	207	1.30	7.4
QCV1111-00431-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	8.33	11.6	491	3.18	2.57	0.53	0.04	100.90	17.3		7.79	2488.8
29439	Core	0.007													
29439 Dup		<0.005													
29457	Core	0.045													
29457 Dup		0.043													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.390													
QCV1111-00432-0004-BLK		<0.005													
29475	Core	0.014													
29475 Dup		0.014													
QCV1111-00432-0006-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.348													

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11-360-08528-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29439	Core	4.91	21.36	0.99	2.5	0.06	2.32	7.1	29.5	0.53	1219	0.45	0.12	1.2	42.6
29439 Dup		4.79	22.13	0.89	2.7	0.06	2.33	9.1	29.7	0.54	1199	0.45	0.12	1.5	40.0
QCV1111-00431-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.89	19.25		4.1	0.34	2.62	49.7	27.5	1.66		0.42	0.49	13.2	41.5
29457	Core	1.26	6.45	1.03	1.7	0.03	0.79	10.5	20.3	0.10	336	0.38	0.04	0.9	11.8
29457 Dup		1.23	6.80	1.06	1.4	0.03	0.81	9.9	20.3	0.10	326	0.40	0.04	0.9	11.9
QCV1111-00431-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result			10.49							2.88	497				50.7
29475	Core	1.29	4.95	0.59	1.2	0.02	0.45	11.3	6.6	0.12	383	0.42	0.06	1.0	11.1
29475 Dup		1.27	4.91	0.54	1.2	0.02	0.45	11.4	6.5	0.11	377	0.52	0.06	1.5	10.0
QCV1111-00431-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.45	20.02		4.1	0.35	3.02	52.4	26.5	1.66		0.48	0.56	13.4	39.6

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11-360-08528-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29439	Core	2332	19.2	131.2	0.003	0.342	2.18	13.6	7.6	2.2	125.0	0.14	0.65	11.6	0.048
29439 Dup		2302	19.6	128.4	<0.002	0.339	2.26	13.3	7.7	2.0	123.6	0.14	0.69	11.6	0.055
QCV1111-00431-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310				10.6					
STD-OREAS92-4A result		652	11.0	216.6	0.010	0.287		13.8		11.1		0.97		18.6	
29457	Core	112	39.6	47.7	0.003	0.543	3.26	3.7	6.9	3.2	19.2	0.08	0.66	5.3	0.035
29457 Dup		120	38.4	47.5	0.005	0.525	3.13	3.7	6.5	3.2	18.6	0.07	0.64	5.2	0.029
QCV1111-00431-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		305	12.4									0.42		4.8	
29475	Core	114	14.5	26.8	0.003	0.146	0.71	3.3	8.3	1.0	10.6	0.06	0.64	5.8	0.027
29475 Dup		109	14.3	26.9	0.004	0.136	0.75	3.3	7.4	1.1	11.2	0.07	0.58	5.8	0.025
QCV1111-00431-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310				10.6					
STD-OREAS92-4A result		619	12.4	225.0	0.006	0.265		13.9		11.8		0.86		18.6	

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11-360-08528-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29439	Core	0.75	3.2	151	1.4	11.5	133	83.4
29439 Dup		0.76	3.2	155	1.5	11.7	134	89.7
QCV1111-00431-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.08	3.3		2.6	27.3	98	129.0
29457	Core	0.34	1.0	84	1.4	3.4	86	46.3
29457 Dup		0.32	1.0	92	1.4	3.5	85	48.2
QCV1111-00431-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.91				16.6	198	
29475	Core	0.19	1.0	90	0.4	2.9	33	37.0
29475 Dup		0.19	1.0	92	0.4	2.8	32	35.5
QCV1111-00431-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.03	3.3		2.5	26.7	91	126.8

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 66**
Client Reference: **Core 66**
Description: **3 ACE**

Date Received: 11/04/2011
Date Completed: 11/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	45	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29478	Core	0.017	0.25	4.47	89.2	177	0.87	0.09	0.34	0.09	21.43	10.2	167	2.26	23.0
29479	Core	<0.005	0.19	3.47	15.6	121	0.78	0.10	0.34	0.03	24.83	6.4	184	1.69	18.4
29480	Core	<0.005	0.12	2.61	8.8	78	0.44	0.07	0.36	0.03	20.24	4.6	184	1.19	12.9
29481	Core	<0.005	0.11	2.19	48.6	67	0.40	0.06	0.31	0.10	18.90	3.5	166	1.03	11.1
29482	Core	0.014	0.21	5.16	81.2	240	1.37	0.21	0.18	0.05	23.16	10.9	184	2.77	25.6
29483	Core	0.015	0.30	4.07	170.0	171	0.91	0.15	0.21	0.04	21.74	7.8	184	2.10	22.7
29484	Core	<0.005	0.17	0.13	0.4	32	0.13	0.07	>10	0.04	1.29	1.7	7	0.73	3.9
29485	Core	<0.005	0.11	2.50	55.5	90	0.46	0.08	1.30	0.03	23.42	4.3	153	1.48	10.1
29486	Core	<0.005	0.11	2.89	6.4	112	0.54	0.10	1.21	0.02	28.61	4.8	172	1.69	16.2
29487	Core	<0.005	0.13	2.45	6.5	85	0.55	0.08	0.71	0.02	22.85	3.8	178	1.46	12.1
29488	Core	0.007	0.28	2.58	56.2	90	0.31	0.69	0.39	0.02	24.98	3.9	183	1.60	12.7
29489	Core	0.011	0.18	2.35	95.3	76	0.29	0.66	0.69	0.07	25.66	3.2	176	1.24	10.7
29490	Core	0.013	0.24	3.60	44.6	170	0.83	0.68	0.95	0.03	29.07	4.3	183	1.97	20.2
29491	Core	<0.005	0.17	2.02	22.4	69	0.37	0.55	0.38	0.03	23.17	2.5	193	1.27	10.1
29492	Core	<0.005	0.15	2.32	7.7	88	0.57	0.57	0.16	<0.02	27.16	2.9	165	1.38	10.2
29493	Core	0.102	0.33	2.41	658.4	44	0.30	0.05	0.04	0.03	11.27	1.3	197	0.57	4.4
29494	Core	0.024	0.30	3.01	164.5	109	0.85	0.12	0.08	0.18	24.98	6.5	168	1.40	13.5
29495	Core	0.065	0.63	4.73	816.3	212	1.38	0.14	0.09	0.11	29.15	7.6	176	2.36	23.4
29496	Core	0.094	0.29	6.82	360.9	338	1.82	0.20	0.10	0.05	30.21	11.4	183	3.53	39.8
29497	Core	0.093	0.36	8.14	911.7	385	2.28	0.22	0.12	1.21	23.18	14.0	182	5.61	41.5
29498	Core	0.605	2.35	>10	5647.4	531	3.09	0.42	0.19	7.79	36.67	19.2	168	10.22	42.5
29499	Core	0.016	0.29	>10	62.0	550	3.27	0.38	0.14	0.41	45.77	21.2	164	6.41	55.8
29500	Core	0.012	0.23	5.29	93.6	229	1.27	0.17	0.09	0.13	32.18	8.5	205	4.60	26.2
29501	Core	0.010	0.29	2.39	20.9	97	0.62	0.11	0.06	2.04	27.73	4.9	218	1.40	18.6
29502	Core	0.010	0.17	2.52	129.2	82	0.43	0.08	0.07	0.29	21.77	3.7	175	1.13	14.1
29503	Core	0.026	0.19	2.99	437.8	109	0.81	0.11	0.06	0.19	24.92	8.2	164	1.35	14.5
29504	Core	0.129	0.50	>10	1318.7	776	3.58	0.50	0.09	1.88	24.47	16.3	201	5.85	48.5
29505	Core	0.018	0.22	2.54	303.4	107	0.82	0.11	0.07	0.56	22.97	5.7	183	1.22	18.0
32659	Core	<0.005	0.20	>10	14.1	481	3.32	0.37	0.43	0.06	73.79	18.0	166	7.02	53.1
32660	Core	<0.005	0.20	>10	16.3	498	3.47	0.47	0.26	0.06	103.04	20.8	159	8.46	90.6
32661	Core	<0.005	0.24	>10	13.2	477	3.74	0.37	0.21	0.04	90.38	16.8	157	7.50	56.1
32662	Core	<0.005	0.16	6.61	12.7	283	2.36	0.31	0.92	0.12	38.40	12.1	233	4.97	47.9
32663	Core	<0.005	0.16	>10	15.0	651	4.13	0.46	0.09	0.03	92.04	19.3	132	9.64	55.6
32664	Core	<0.005	0.20	>10	20.2	618	3.81	0.61	1.30	0.08	53.49	24.2	132	8.67	55.3
32665	Core	<0.005	0.18	>10	8.0	639	4.18	0.26	0.59	0.05	117.84	14.9	127	9.14	55.8
32666	Core	<0.005	0.21	>10	8.5	601	3.74	0.23	2.72	0.06	110.05	14.5	110	8.90	59.0
32667	Core	<0.005	0.21	6.47	7.9	322	2.24	0.19	6.27	0.16	66.77	13.7	144	5.25	34.2
32668	Core	<0.005	0.44	>10	11.9	680	4.13	0.43	0.14	0.03	141.96	17.2	100	9.49	59.1
32669	Core	<0.005	0.40	>10	12.5	683	3.93	0.43	0.14	0.03	151.51	17.9	112	9.71	56.8
32670	Core	<0.005	1.06	0.05	2.2	14	0.10	0.04	>10	0.04	1.03	1.1	2	0.37	3.2

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11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32671	Core	<0.005	0.26	>10	10.3	596	4.25	0.29	0.22	0.04	113.83	15.5	115	8.50	56.5
32672	Core	<0.005	0.29	>10	11.6	591	3.94	0.50	0.27	0.04	116.85	17.6	110	8.46	58.2
32673	Core	<0.005	0.25	>10	10.0	496	3.24	0.43	0.13	0.06	99.58	21.7	98	7.31	59.5
32674	Core	<0.005	5.23	>10	10.1	582	3.73	0.43	0.36	0.06	104.71	16.6	105	8.03	62.2
32675	Core	<0.005	0.80	>10	8.9	604	3.83	0.43	0.38	0.04	113.74	16.7	108	8.34	54.5

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Certificate of Analysis

11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29478	Core	2.21	10.59	0.81	2.4	0.03	1.28	8.4	28.7	0.36	364	0.43	0.21	1.7	25.6
29479	Core	1.58	8.37	0.75	1.4	0.02	0.87	9.6	17.8	0.34	179	0.43	0.49	1.2	19.2
29480	Core	1.22	5.96	0.60	1.3	0.02	0.54	8.1	14.5	0.27	185	0.42	0.64	1.0	13.5
29481	Core	1.20	5.43	0.77	1.1	0.01	0.41	8.4	13.3	0.24	163	0.28	0.46	0.8	10.5
29482	Core	2.05	13.77	1.08	2.1	0.03	1.52	9.2	20.8	0.36	297	0.47	0.29	1.8	25.4
29483	Core	1.81	10.50	0.91	1.7	0.02	1.10	8.7	17.4	0.31	294	0.33	0.29	1.3	20.1
29484	Core	0.44	0.54	<0.05	0.4	<0.01	0.07	0.5	2.1	>10	206	0.11	<0.01	0.9	2.7
29485	Core	1.21	6.29	0.92	1.1	0.02	0.59	9.0	12.3	0.30	481	0.31	0.26	0.8	11.7
29486	Core	1.36	7.47	1.01	1.4	0.02	0.67	10.8	14.5	0.31	332	0.42	0.35	1.0	14.8
29487	Core	1.11	6.08	0.88	1.2	0.01	0.49	8.8	17.2	0.24	213	0.33	0.43	0.8	10.7
29488	Core	1.11	6.44	0.84	1.3	0.02	0.59	9.8	9.6	0.26	144	0.44	0.45	0.8	11.8
29489	Core	0.76	5.23	0.71	1.1	0.02	0.51	9.7	6.6	0.18	235	0.44	0.68	0.6	8.1
29490	Core	1.07	8.79	0.76	1.4	0.02	0.94	11.3	8.6	0.24	330	0.46	0.66	0.9	12.8
29491	Core	0.83	4.57	0.58	1.0	0.01	0.36	8.6	8.0	0.17	141	0.40	0.42	0.5	7.8
29492	Core	0.90	5.45	0.65	1.3	0.02	0.49	10.4	4.8	0.12	278	0.48	0.06	0.7	9.2
29493	Core	1.07	2.38	0.39	12.4	<0.01	0.57	5.6	3.6	0.06	397	0.28	0.04	1.3	3.9
29494	Core	1.77	7.29	0.93	2.7	0.03	0.66	9.3	10.7	0.14	594	0.40	0.05	1.4	15.1
29495	Core	2.05	10.00	1.09	1.7	0.03	1.46	12.0	14.9	0.25	439	0.38	0.10	1.5	20.3
29496	Core	3.12	15.46	0.99	2.1	0.04	2.06	13.0	16.4	0.44	617	0.50	0.14	2.0	34.4
29497	Core	4.35	18.04	1.29	2.0	0.09	2.31	10.2	45.9	0.66	786	0.43	0.15	1.3	38.3
29498	Core	5.47	27.41	1.27	3.4	0.28	3.24	15.8	33.4	0.75	744	0.47	0.22	2.3	54.7
29499	Core	4.85	24.94	1.14	3.5	0.08	3.50	20.1	39.8	0.98	476	0.50	0.25	2.3	51.4
29500	Core	2.24	11.45	1.21	1.8	0.04	1.54	13.5	28.3	0.35	387	0.55	0.12	1.4	24.1
29501	Core	1.18	5.63	0.95	1.7	0.05	0.58	10.6	10.4	0.09	264	0.40	0.04	1.1	11.9
29502	Core	1.30	5.39	0.90	1.1	0.02	0.59	7.9	8.3	0.10	312	0.43	0.04	0.8	10.3
29503	Core	1.83	6.44	0.98	1.5	0.02	0.83	9.4	11.5	0.13	391	0.38	0.05	1.0	17.7
29504	Core	4.18	29.54	1.21	4.8	0.13	4.42	10.9	22.1	0.32	928	0.57	0.33	3.3	36.2
29505	Core	1.79	6.00	0.79	1.2	0.03	0.69	8.5	13.3	0.12	491	0.36	0.04	0.8	14.9
32659	Core	5.40	26.93	1.47	3.1	0.07	2.22	31.7	114.8	1.16	666	0.75	0.62	3.8	53.3
32660	Core	5.56	29.14	1.84	3.3	0.07	2.49	44.2	120.4	1.20	644	0.35	0.74	3.5	58.1
32661	Core	5.51	28.09	1.67	3.1	0.08	2.50	39.5	122.1	1.24	439	0.46	0.84	3.9	56.7
32662	Core	3.46	16.76	1.44	1.5	0.05	1.43	16.3	72.5	0.71	651	0.61	0.43	1.9	35.8
32663	Core	5.72	31.44	1.58	3.1	0.08	3.10	40.1	122.6	1.34	626	0.29	0.87	3.5	59.3
32664	Core	5.19	29.73	1.37	2.6	0.08	2.97	24.0	111.5	1.23	920	0.28	0.81	2.9	58.6
32665	Core	5.67	29.95	1.69	2.8	0.08	2.97	50.6	120.9	1.32	782	0.25	0.81	2.7	57.5
32666	Core	5.01	28.55	1.45	2.7	0.08	2.66	48.2	109.6	1.24	1412	0.32	0.79	3.2	48.5
32667	Core	3.62	15.08	1.06	1.4	0.06	1.34	27.4	76.8	0.74	2066	0.52	0.37	1.7	34.6
32668	Core	5.52	31.59	1.71	3.3	0.08	2.78	57.5	119.5	1.25	437	0.25	0.86	3.6	61.3
32669	Core	5.42	32.22	1.69	3.2	0.08	3.08	60.8	115.9	1.22	445	0.20	0.87	3.9	56.5
32670	Core	0.47	0.45	<0.05	<0.1	0.01	0.02	0.5	1.4	>10	220	0.06	<0.01	0.1	1.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32671	Core	5.37	29.72	1.81	3.0	0.07	2.87	48.4	118.8	1.25	412	0.20	0.96	2.9	53.8
32672	Core	5.62	28.80	1.62	3.0	0.08	2.81	50.0	123.3	1.28	430	0.31	0.88	3.7	57.5
32673	Core	6.79	26.23	1.65	2.9	0.07	2.56	42.7	132.9	1.61	568	0.40	0.74	2.6	62.0
32674	Core	5.71	26.66	1.55	3.3	0.08	2.59	44.1	116.5	1.28	722	0.39	0.76	3.1	54.0
32675	Core	5.46	26.00	1.53	6.6	0.08	2.56	47.3	113.8	1.23	807	0.42	0.81	4.6	51.2

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

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Buchanan et al., 2011

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29478	Core	240	13.9	65.2	0.003	0.354	2.09	4.9	6.1	1.7	32.4	0.15	0.76	7.8	0.030
29479	Core	200	8.1	44.3	<0.002	0.094	1.29	4.0	7.2	0.9	30.2	0.09	0.54	6.2	0.026
29480	Core	165	11.9	27.2	<0.002	0.062	1.08	2.9	6.7	0.8	30.1	0.08	0.48	5.2	0.019
29481	Core	172	9.0	24.3	0.003	0.070	0.96	2.5	8.0	0.8	25.2	0.05	0.55	4.3	0.019
29482	Core	207	9.8	81.5	<0.002	0.372	1.85	6.8	7.1	1.8	37.0	0.15	0.62	9.2	0.047
29483	Core	183	10.5	60.9	0.007	0.269	1.49	5.2	6.9	1.6	30.0	0.11	0.52	7.3	0.034
29484	Core	316	3.2	4.8	0.003	<0.01	0.73	1.0	6.1	0.2	48.8	0.44	0.56	0.6	<0.005
29485	Core	176	9.9	30.0	0.003	0.024	0.70	2.9	5.7	0.7	56.1	0.07	0.50	5.1	0.022
29486	Core	211	8.8	38.2	0.005	0.011	0.71	3.5	5.6	0.9	63.4	0.08	0.47	6.3	0.029
29487	Core	184	13.4	28.7	0.003	0.022	0.66	2.8	6.3	0.8	33.4	0.07	0.49	5.4	0.023
29488	Core	209	15.6	28.6	<0.002	0.091	0.52	3.0	5.5	1.1	23.1	0.07	0.54	6.4	0.023
29489	Core	319	22.0	24.3	<0.002	0.111	0.57	2.1	5.2	1.0	36.0	0.06	0.55	6.8	0.016
29490	Core	401	12.8	47.6	0.003	0.135	0.63	4.2	5.1	1.2	50.0	0.08	0.56	7.7	0.024
29491	Core	239	13.1	19.9	0.004	0.066	0.42	2.0	5.3	0.9	19.0	<0.05	0.47	6.0	0.013
29492	Core	269	10.8	25.5	0.003	0.020	0.45	2.2	4.9	0.9	10.7	0.06	0.62	6.8	0.020
29493	Core	161	16.2	14.1	0.041	0.365	1.22	3.8	5.4	0.8	6.3	0.16	0.98	6.8	0.021
29494	Core	313	63.4	36.0	0.003	0.242	1.07	3.6	5.5	1.3	19.0	0.15	0.57	7.6	0.029
29495	Core	309	18.8	72.0	0.005	0.426	2.06	6.0	5.8	3.6	28.9	0.14	0.64	7.9	0.038
29496	Core	290	14.3	105.4	0.003	0.680	1.82	9.2	5.9	1.9	36.0	0.17	0.61	10.0	0.051
29497	Core	371	78.8	127.8	0.004	0.952	2.91	11.9	5.7	4.0	59.8	0.16	0.58	11.6	0.044
29498	Core	659	1271.3	185.6	0.003	2.279	10.30	17.4	5.7	9.5	126.7	0.29	0.57	15.7	0.069
29499	Core	430	29.7	181.3	0.004	0.445	2.34	16.8	5.6	4.0	62.6	0.28	0.58	15.8	0.078
29500	Core	375	25.0	75.5	0.002	0.200	1.42	7.1	5.7	2.4	37.5	0.14	0.55	8.7	0.041
29501	Core	258	85.1	34.1	0.005	0.163	1.22	3.0	6.1	2.0	14.1	0.09	0.53	7.7	0.027
29502	Core	298	33.8	32.4	0.003	0.125	0.78	2.1	5.9	2.5	13.6	0.07	0.52	5.2	0.017
29503	Core	253	37.5	42.0	0.006	0.314	1.06	2.9	6.3	2.9	15.4	0.09	0.57	7.0	0.024
29504	Core	257	110.5	215.8	<0.002	0.983	3.20	20.2	5.5	6.2	107.2	0.31	0.70	21.1	0.111
29505	Core	190	72.6	38.0	<0.002	0.254	0.87	3.3	5.5	4.1	17.5	0.06	0.53	6.0	0.021
32659	Core	389	39.5	153.2	0.004	<0.01	0.60	17.3	5.4	2.6	184.0	0.35	0.59	14.5	0.116
32660	Core	882	40.1	161.5	0.008	<0.01	0.66	17.8	5.4	2.6	215.4	0.36	0.61	16.8	0.112
32661	Core	746	18.3	150.0	0.005	<0.01	0.73	18.1	6.3	2.5	212.3	0.36	0.59	16.3	0.114
32662	Core	387	28.1	87.9	0.006	<0.01	0.65	10.9	5.3	1.5	138.6	0.17	0.56	8.1	0.055
32663	Core	262	21.3	188.1	0.003	0.023	1.30	20.5	5.3	2.8	231.8	0.34	0.61	16.7	0.120
32664	Core	317	42.5	180.5	0.004	0.221	1.71	17.9	5.5	2.7	226.7	0.33	0.60	13.3	0.094
32665	Core	348	21.3	185.0	0.006	0.022	0.54	18.6	5.8	2.7	218.8	0.20	0.57	17.9	0.102
32666	Core	410	22.9	174.0	0.003	<0.01	0.56	17.7	6.0	2.5	257.5	0.22	0.58	16.9	0.104
32667	Core	254	31.1	92.3	0.004	<0.01	0.45	10.2	5.2	2.1	233.0	0.09	0.51	9.0	0.063
32668	Core	408	9.4	173.5	0.004	<0.01	0.51	20.3	6.1	3.0	230.7	0.25	0.60	19.5	0.129
32669	Core	468	13.6	196.5	0.004	<0.01	0.55	20.8	7.2	2.7	236.6	0.24	0.55	19.3	0.136
32670	Core	139	2.9	1.0	0.011	<0.01	0.14	0.6	5.8	0.3	43.0	<0.05	0.54	<0.2	<0.005

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11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32671	Core	663	13.9	167.0	0.005	<0.01	0.41	18.8	6.5	2.5	249.4	0.25	0.52	18.2	0.105
32672	Core	1081	17.0	160.7	0.005	0.042	0.65	18.7	6.2	2.6	227.7	0.31	0.57	17.7	0.119
32673	Core	499	31.9	139.5	0.006	0.052	0.54	17.1	6.5	2.5	167.2	0.17	0.58	16.6	0.101
32674	Core	824	28.2	150.8	0.005	0.036	0.61	17.8	6.1	2.4	199.6	0.20	0.61	16.6	0.115
32675	Core	775	19.2	152.9	0.004	0.020	0.75	17.6	5.8	2.8	212.6	0.38	0.74	18.6	0.124

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Certificate of Analysis

11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29478	Core	0.34	1.5	52	0.2	4.0	51	69.6
29479	Core	0.24	1.3	41	0.2	3.4	32	50.4
29480	Core	0.16	1.0	29	0.1	2.9	25	41.9
29481	Core	0.14	1.0	27	0.1	2.6	40	41.4
29482	Core	0.44	2.1	66	0.5	4.9	43	75.2
29483	Core	0.32	1.6	51	0.4	4.1	39	63.0
29484	Core	0.05	0.6	309	1.2	1.0	16	1.3
29485	Core	0.19	1.0	31	0.3	3.6	25	37.4
29486	Core	0.24	1.4	36	0.2	4.1	21	46.9
29487	Core	0.19	1.1	30	0.1	2.8	23	42.9
29488	Core	0.20	1.1	29	0.3	2.9	20	39.3
29489	Core	0.17	1.3	20	0.3	2.7	19	30.9
29490	Core	0.33	1.6	37	0.3	3.7	21	40.3
29491	Core	0.14	1.1	20	0.2	2.0	17	26.2
29492	Core	0.19	1.4	21	0.3	2.8	20	35.3
29493	Core	0.11	0.6	22	0.5	3.9	23	17.1
29494	Core	0.23	1.5	35	1.0	4.3	52	55.8
29495	Core	0.45	1.8	51	0.8	4.1	49	50.8
29496	Core	0.64	2.5	79	1.0	4.7	70	64.0
29497	Core	0.79	2.9	104	2.2	6.9	190	60.9
29498	Core	1.12	4.2	151	4.2	8.6	882	97.3
29499	Core	1.12	4.4	148	1.9	7.8	132	104.2
29500	Core	0.48	2.4	60	2.1	4.7	59	54.0
29501	Core	0.25	1.5	26	1.0	4.0	187	58.0
29502	Core	0.21	1.2	21	0.8	2.8	50	36.1
29503	Core	0.27	1.6	28	0.8	3.5	48	43.4
29504	Core	1.33	5.9	163	3.2	11.0	230	154.8
29505	Core	0.25	1.0	29	0.8	4.4	73	38.0
32659	Core	0.90	3.6	157	0.7	7.9	121	94.8
32660	Core	0.99	3.9	166	0.6	9.8	135	96.5
32661	Core	0.90	3.8	162	0.6	8.5	115	101.5
32662	Core	0.52	1.9	89	0.5	6.1	84	46.5
32663	Core	1.10	3.9	177	0.5	7.1	127	88.3
32664	Core	1.06	3.5	160	0.5	7.7	121	76.5
32665	Core	1.06	3.6	175	0.3	7.5	131	81.5
32666	Core	0.99	3.4	164	0.3	8.8	114	78.8
32667	Core	0.53	2.1	90	0.2	9.6	82	46.7
32668	Core	1.10	4.2	181	0.3	9.1	126	96.7
32669	Core	1.12	4.0	183	0.3	9.1	119	94.6
32670	Core	0.03	0.5	327	<0.1	0.7	15	<0.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32671	Core	1.01	3.9	176	0.3	7.5	113	84.2
32672	Core	1.02	4.2	172	0.4	8.8	126	88.7
32673	Core	0.80	4.3	162	0.3	8.3	154	87.4
32674	Core	0.91	4.3	163	0.3	9.4	125	95.4
32675	Core	0.90	4.1	164	0.4	10.0	116	103.2

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11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29478	Core		0.25	4.47	89.2	177	0.87	0.09	0.34	0.09	21.43	10.2	167	2.26	23.0
29478 Dup			0.23	4.13	90.8	176	0.94	0.11	0.38	0.09	23.10	10.1	184	2.27	23.8
QCV1111-00427-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6137.1
29496	Core		0.29	6.82	360.9	338	1.82	0.20	0.10	0.05	30.21	11.4	183	3.53	39.8
29496 Dup			0.25	6.84	377.5	333	1.78	0.22	0.09	0.05	33.02	11.4	178	3.50	37.4
QCV1111-00427-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.92	7.55	6.5	371	2.95	2.29	0.63	0.03	86.38	16.5		6.80	2342.6
32667	Core		0.21	6.47	7.9	322	2.24	0.19	6.27	0.16	66.77	13.7	144	5.25	34.2
32667 Dup			0.14	6.69	8.7	310	1.84	0.18	5.85	0.16	68.05	13.4	140	5.10	28.1
QCV1111-00427-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.05		9.9	430	2.90	8.14		0.21	81.04	23.1		6.81	>10000
29478	Core	0.017													
29478 Dup		0.015													
29496	Core	0.094													
29496 Dup		0.096													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.857													
QCV1111-00428-0004-BLK		<0.005													
32667	Core	<0.005													
32667 Dup		<0.005													
QCV1111-00428-0006-BLK		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.473													

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11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29478	Core	2.21	10.59	0.81	2.4	0.03	1.28	8.4	28.7	0.36	364	0.43	0.21	1.7	25.6
29478 Dup		2.32	11.12	0.81	1.8	0.03	1.08	9.1	28.9	0.34	386	0.43	0.17	1.5	27.0
QCV1111-00427-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29496	Core	3.12	15.46	0.99	2.1	0.04	2.06	13.0	16.4	0.44	617	0.50	0.14	2.0	34.4
29496 Dup		3.13	14.63	0.95	2.1	0.04	2.07	13.3	17.0	0.44	616	0.48	0.14	1.9	35.4
QCV1111-00427-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.93	19.97		4.1	0.34			26.7	1.53		0.37	0.41	14.6	41.9
32667	Core	3.62	15.08	1.06	1.4	0.06	1.34	27.4	76.8	0.74	2066	0.52	0.37	1.7	34.6
32667 Dup		3.47	15.91	1.12	1.4	0.06	1.48	27.4	75.6	0.76	1944	0.47	0.41	1.7	33.3
QCV1111-00427-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.86		4.2	1.13			24.0			0.78		13.7	45.7

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11-360-08529-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29478	Core	240	13.9	65.2	0.003	0.354	2.09	4.9	6.1	1.7	32.4	0.15	0.76	7.8	0.030
29478 Dup		457	15.2	63.2	0.003	0.331	1.70	5.1	5.6	1.7	32.7	0.13	0.65	7.5	0.038
QCV1111-00427-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
29496	Core	290	14.3	105.4	0.003	0.680	1.82	9.2	5.9	1.9	36.0	0.17	0.61	10.0	0.051
29496 Dup		283	15.1	105.8	<0.002	0.677	1.77	9.1	5.4	1.9	35.3	0.19	0.57	10.2	0.049
QCV1111-00427-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		664	11.1	200.8	0.005	0.257	1.28	14.2		11.2	36.2	0.98	0.57	16.9	
32667	Core	254	31.1	92.3	0.004	<0.01	0.45	10.2	5.2	2.1	233.0	0.09	0.51	9.0	0.063
32667 Dup		248	30.0	90.2	0.005	<0.01	0.40	10.5	5.6	1.9	229.9	0.09	0.54	9.2	0.061
QCV1111-00427-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36			22.6					
STD-OREAS94-4A result			30.8	184.7	0.017	1.315	2.37	13.4		22.9	36.8	0.95	0.57	16.1	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29478	Core	0.34	1.5	52	0.2	4.0	51	69.6
29478 Dup		0.32	1.6	54	0.2	5.5	49	67.0
QCV1111-00427-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5020	
29496	Core	0.64	2.5	79	1.0	4.7	70	64.0
29496 Dup		0.65	2.6	80	1.2	4.8	69	66.0
QCV1111-00427-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.00	3.3		2.5	26.9	93	129.0
32667	Core	0.53	2.1	90	0.2	9.6	82	46.7
32667 Dup		0.51	2.1	87	0.2	9.4	81	45.6
QCV1111-00427-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.91	3.2			24.9	174	120.0

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

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Vol 9-435
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Submitted By: **Northern Tiger Resources**
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Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 76**
Client Reference: **Core 76**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 12/07/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	1	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-Met500-AA	Au Metallic Screen (500g) AA Finish

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Edmonton, AB T5S 1K7

		Au (Total) Au-Met500-AA	Au (-150) Au-Met500-AA	Au (-150) Au-Met500-AA	Au (+150) Au-Met500-AA	Weight (-150) Au-Met500-AA	Weight (+150) Au-Met500-AA	Weight (Total) Au-Met500-AA
Sample Description	Sample Type	ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.01	g	g	g
32957	Core	70.11	26.69	26.54	496.11	461.91	47.16	509.07

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11-360-08547-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 82**
Client Reference: **Core 82**
Description: **3 ACE**

Date Received: 11/23/2011
Date Completed: 12/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31507	Core	0.060	0.33	5.36	130.2	321	1.02	0.15	0.71	0.28	23.53	8.9	221	2.94	25.0
31508	Core	0.016	0.41	8.88	39.3	629	2.45	0.26	0.13	0.12	46.57	14.7	143	5.38	43.1
31509	Core	0.028	0.33	1.16	311.5	22	0.22	0.03	0.05	0.06	15.07	2.2	274	0.37	8.6
31510	Core	0.017	0.33	0.86	89.9	16	0.19	0.01	0.02	0.13	10.19	1.4	206	0.26	5.4
31511	Core	0.021	0.04	3.24	39.5	210	1.14	0.10	0.05	0.14	25.79	7.4	184	1.60	20.2
31512	Core	<0.005	0.35	1.39	7.2	60	0.38	0.04	0.16	<0.02	26.40	3.3	218	0.72	7.7
31513	Core	0.025	0.83	>10	46.4	858	3.00	0.35	0.18	0.04	15.29	21.3	136	6.75	58.0
31514	Core	0.006	0.50	2.28	9.5	99	0.39	0.07	0.12	0.03	24.00	4.6	193	1.02	9.4
31515	Core	0.006	0.88	3.09	7.5	122	0.71	0.05	0.06	0.08	19.09	3.4	148	1.43	7.8
31516	Reject	0.060	0.69	1.75	756.0	22	0.46	1.04	0.04	2.69	26.91	4.4	147	0.79	17.9
31517	Pulp	7.943	0.85	3.43	945.4	163	0.66	0.67	>10	4.06	31.45	6.7	112	6.72	39.2
31518	Reject	0.082	0.65	1.68	861.9	48	0.66	1.54	0.03	3.20	51.04	6.7	157	1.80	17.6
31519	Core	0.015	0.55	1.71	162.9	35	0.16	0.15	0.07	0.62	27.77	2.6	198	0.63	5.1
31520	Core	0.053	0.57	8.86	285.1	244	1.44	0.54	0.07	3.15	33.21	7.9	115	4.59	28.1
31521	Core	0.036	0.52	5.57	39.8	356	1.36	0.23	0.21	0.15	36.17	10.6	145	3.36	29.8
31522	Core	0.021	0.53	>10	40.3	800	3.35	0.39	0.26	0.13	23.06	20.2	102	7.85	49.6
31523	Core	0.008	0.50	>10	15.9	720	2.77	0.32	0.39	0.05	27.19	16.7	115	7.71	49.1
31524	Core	0.009	0.56	>10	17.5	866	3.85	0.36	0.38	0.10	57.89	19.5	108	8.24	52.0
31525	Core	0.027	0.42	>10	33.9	697	2.44	0.35	0.51	0.17	63.62	16.6	118	7.10	50.6
31526	Core	<0.005	0.55	>10	18.6	638	2.70	0.34	0.22	0.08	51.90	17.7	99	6.01	51.1
31527	Core	<0.005	0.35	4.97	7.2	186	0.68	0.10	0.48	0.32	42.50	5.7	117	2.26	18.9
31528	Core	0.005	0.81	>10	21.0	886	3.24	0.47	0.19	0.10	79.96	22.8	97	8.10	54.1
31529	Core	<0.005	0.51	>10	15.7	708	3.05	0.43	0.17	0.06	31.60	21.8	108	6.59	52.2
31530	Core	0.005	0.31	>10	16.2	760	3.49	0.43	0.21	0.13	42.05	20.8	107	7.75	53.1
31531	Core	0.006	0.29	9.55	16.8	866	3.36	0.38	0.35	0.09	40.72	22.2	210	9.20	56.2
31532	Core	0.005	0.22	8.55	14.2	769	3.13	0.32	0.29	0.07	34.45	20.9	168	6.77	50.7
31533	Core	<0.005	0.31	9.97	16.4	624	2.51	0.26	0.15	0.06	46.16	19.3	96	6.14	48.2
31534	Core	0.007	0.38	9.05	32.9	527	2.15	0.27	0.13	0.03	35.15	15.9	106	5.11	36.4
31535	Core	0.015	0.59	>10	50.6	628	2.48	0.23	0.20	0.06	17.82	15.5	127	6.31	33.5
31536	Core	0.021	0.47	1.26	96.5	42	0.26	0.06	0.06	1.17	13.55	2.7	225	0.67	12.1
31537	Core	0.059	0.50	4.04	1445.5	111	0.99	0.06	0.05	2.90	17.97	3.8	123	1.61	20.5
31538	Core	0.031	0.49	3.49	952.8	179	1.10	0.06	0.07	2.66	21.93	5.1	187	1.82	24.0
31539	Core	0.064	1.39	1.29	891.2	46	0.29	4.34	0.02	8.86	12.53	1.8	209	0.65	24.0
31540	Core	0.424	0.51	>10	1028.5	925	3.74	0.33	0.11	0.52	37.92	25.2	182	10.44	66.4
31541	Core	0.024	0.34	>10	57.0	801	3.37	0.37	0.22	0.13	18.19	21.4	113	7.56	65.2
31542	Core	0.008	0.33	9.81	26.8	658	2.83	0.30	0.22	0.05	24.63	20.4	106	6.71	50.0
31543	Core	0.006	0.38	>10	20.1	627	2.88	0.31	0.25	0.06	20.46	18.4	109	6.12	49.0
31544	Core	0.005	0.36	>10	18.6	800	2.99	0.33	0.34	0.03	21.59	19.8	121	7.06	60.9
31545	Core	<0.005	0.24	8.49	11.8	399	1.52	0.23	0.27	0.06	35.31	11.9	115	4.01	31.2
31546	Core	<0.005	0.38	6.57	8.3	309	1.54	0.15	0.34	0.04	41.90	11.1	114	3.42	30.3

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#220 17010 103rd Ave
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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31547	Core	0.005	0.20	9.57	15.1	502	2.02	0.28	0.35	0.04	25.28	18.0	125	5.12	40.5
31548	Core	0.007	0.19	>10	20.3	758	3.16	0.37	0.15	0.06	26.27	22.2	122	8.19	57.5
31549	Core	0.008	0.30	>10	25.7	793	3.57	0.45	0.32	0.09	22.31	22.7	133	7.71	54.3
31550	Core	0.006	0.58	>10	24.4	737	3.93	0.39	0.30	0.09	16.38	22.1	121	7.09	59.9
31551	Core	0.014	0.36	>10	44.2	958	3.94	0.46	0.18	0.25	32.55	25.7	105	8.66	71.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31507	Core	2.44	11.46	1.02	1.6	0.04	1.55	9.0	18.1	0.44	641	0.65	0.10	1.2	19.5
31508	Core	3.65	19.28	0.93	2.8	0.06	2.77	23.5	26.7	0.52	311	0.47	0.17	2.2	34.5
31509	Core	0.90	2.08	<0.05	0.7	<0.01	0.10	6.3	13.1	0.06	121	0.61	<0.01	0.6	7.8
31510	Core	0.43	1.29	0.80	0.4	<0.01	0.10	3.9	5.2	0.02	68	0.53	<0.01	0.4	5.8
31511	Core	1.72	8.64	1.17	1.3	0.02	0.96	11.2	12.4	0.22	240	0.50	0.05	1.2	16.4
31512	Core	2.06	3.99	0.61	1.0	0.01	0.14	10.8	17.2	0.13	419	0.48	<0.01	0.9	10.2
31513	Core	4.37	30.03	1.01	3.8	0.07	3.88	7.8	32.6	0.55	556	0.46	0.23	2.6	47.1
31514	Core	1.58	5.03	0.64	1.1	0.01	0.51	9.9	12.6	0.15	431	0.50	0.03	0.9	9.3
31515	Core	1.15	5.78	0.61	1.3	0.02	0.67	8.0	13.1	0.12	312	0.54	0.04	0.9	7.9
31516	Reject	1.07	3.08	1.28	0.8	0.06	0.10	11.6	13.3	0.17	93	0.46	0.07	0.6	16.2
31517	Pulp	1.39	7.02	<0.05	2.3	0.06	1.37	18.5	7.7	0.78	294	11.69	<0.01	7.4	73.6
31518	Reject	1.24	3.84	1.13	2.2	0.07	0.23	22.3	13.1	0.12	72	0.70	0.05	1.3	21.2
31519	Core	1.30	2.67	0.54	1.2	0.02	0.23	10.9	8.9	0.09	469	0.47	0.02	0.8	9.2
31520	Core	1.84	13.29	0.83	3.1	0.09	1.40	14.6	22.9	0.22	510	0.49	0.09	1.8	16.7
31521	Core	2.69	12.07	0.87	1.8	0.05	1.57	17.3	21.5	0.35	436	0.91	0.11	1.8	25.4
31522	Core	4.87	26.41	1.13	2.2	0.07	3.34	11.4	31.9	0.68	490	0.58	0.27	2.6	50.5
31523	Core	4.24	22.83	1.20	2.0	0.07	3.19	12.9	39.4	0.79	409	0.44	0.29	2.0	46.4
31524	Core	4.58	26.97	0.88	2.2	0.08	3.71	29.0	44.9	0.85	421	0.57	0.34	2.6	50.3
31525	Core	5.13	24.85	1.43	2.5	0.07	3.01	31.7	57.4	1.08	443	0.55	0.27	2.4	46.6
31526	Core	4.95	24.71	1.41	2.2	0.06	3.11	23.3	54.8	1.00	347	0.60	0.30	1.9	47.1
31527	Core	2.45	9.66	0.74	1.6	0.03	0.99	19.0	32.9	0.69	555	0.35	0.33	1.2	15.6
31528	Core	4.47	30.19	1.50	2.8	0.08	3.61	39.2	47.4	0.93	273	0.84	0.40	2.9	52.8
31529	Core	4.62	25.47	1.02	2.8	0.07	2.90	15.8	57.5	0.90	323	0.65	0.33	2.9	46.7
31530	Core	4.98	26.28	1.12	2.6	0.08	2.99	21.0	65.2	0.99	371	0.91	0.33	2.5	52.8
31531	Core	<0.01	29.52	1.10	2.3	0.08	1.76	20.2	74.9	0.98	579	0.50	0.17	2.8	54.5
31532	Core	6.94	27.06	1.22	2.6	0.07	1.66	16.0	76.3	1.03	524	0.62	0.15	3.0	49.7
31533	Core	4.37	23.88	1.30	2.9	0.06	2.83	22.2	60.1	1.02	449	0.42	0.23	2.6	43.5
31534	Core	3.48	21.18	0.98	2.9	0.06	2.67	17.7	29.8	0.65	452	0.43	0.18	2.5	37.6
31535	Core	3.77	24.27	1.09	2.7	0.07	3.26	8.8	35.6	0.56	552	0.41	0.20	2.0	38.8
31536	Core	0.88	2.94	0.93	0.6	0.02	0.23	5.4	7.5	0.06	171	0.48	0.01	0.6	7.9
31537	Core	1.34	7.56	0.82	1.5	0.06	0.72	7.6	16.5	0.12	346	0.32	0.04	0.8	10.7
31538	Core	1.63	9.14	0.95	1.4	0.06	0.92	9.2	12.2	0.16	273	0.43	0.05	1.1	13.3
31539	Core	0.81	2.34	1.27	0.6	0.15	0.44	5.2	9.4	0.06	89	0.41	0.02	0.5	6.2
31540	Core	4.04	39.03	1.48	3.1	0.10	4.64	18.8	71.6	0.65	352	0.93	0.22	3.2	57.8
31541	Core	4.61	29.22	1.34	2.4	0.08	3.73	9.2	45.0	1.03	342	0.72	0.22	2.6	53.8
31542	Core	4.79	26.91	1.29	2.4	0.07	2.23	12.2	59.9	1.10	330	0.58	0.17	2.9	50.5
31543	Core	4.96	26.51	1.42	2.7	0.07	2.80	10.1	67.7	1.25	338	0.57	0.18	2.8	50.6
31544	Core	4.73	29.84	1.20	2.7	0.09	3.21	10.8	59.1	1.23	328	0.63	0.24	3.4	44.7
31545	Core	4.78	18.72	1.19	2.4	0.05	2.10	16.8	61.4	1.25	323	0.37	0.17	2.3	39.8
31546	Core	4.79	14.97	0.42	2.0	0.04	1.54	18.5	65.7	1.17	338	0.40	0.10	2.5	37.6

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31547	Core	5.29	21.71	1.16	2.3	0.06	2.39	11.9	61.0	1.21	332	0.42	0.18	2.5	42.8
31548	Core	4.94	28.61	1.27	2.7	0.09	3.16	12.4	60.6	1.16	298	0.61	0.25	3.6	53.6
31549	Core	4.51	31.86	1.33	2.7	0.08	3.30	11.2	59.7	1.11	323	0.61	0.27	3.9	52.7
31550	Core	5.42	28.60	1.38	2.3	0.08	2.84	8.1	66.9	1.24	413	0.63	0.24	2.3	55.5
31551	Core	4.01	33.37	1.11	2.9	0.09	3.38	16.4	43.2	0.82	311	0.75	0.31	4.7	62.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31507	Core	865	38.1	80.1	0.004	0.604	1.66	6.3	<1.0	2.2	60.0	0.09	<0.05	11.6	0.037
31508	Core	200	13.0	161.5	0.004	0.400	2.00	13.9	<1.0	2.2	64.8	0.18	<0.05	18.7	0.085
31509	Core	88	8.4	5.0	0.003	0.235	0.79	0.7	<1.0	0.5	5.4	<0.05	<0.05	4.2	0.012
31510	Core	63	23.4	4.7	0.005	0.146	0.54	0.4	<1.0	1.4	16.7	<0.05	<0.05	2.7	0.007
31511	Core	92	24.9	54.1	0.002	0.208	0.94	5.1	3.7	1.1	27.9	0.09	<0.05	8.2	0.031
31512	Core	126	10.3	17.3	0.006	0.058	0.38	2.1	<1.0	0.4	19.8	0.07	<0.05	6.3	0.027
31513	Core	163	7.5	217.2	0.006	0.444	3.08	17.7	<1.0	3.1	88.9	0.21	<0.05	21.6	0.086
31514	Core	176	8.3	27.0	0.004	0.141	0.65	2.8	<1.0	0.6	16.5	0.08	<0.05	8.4	0.021
31515	Core	115	5.8	33.3	0.007	0.183	0.63	3.1	<1.0	1.0	16.9	0.08	<0.05	8.2	0.026
31516	Reject	153	321.6	4.5	0.013	0.857	3.05	1.0	<1.0	3.0	36.3	<0.05	<0.05	7.2	0.018
31517	Pulp	4523	5.7	117.7	0.051	1.236	19.04	5.9	9.1	1.8	124.5	0.45	<0.05	6.8	0.195
31518	Reject	129	389.0	12.0	0.010	1.004	4.20	1.6	<1.0	4.0	55.6	0.13	<0.05	19.4	0.041
31519	Core	158	40.5	10.9	0.006	0.398	1.09	1.6	<1.0	1.7	16.1	0.08	<0.05	8.5	0.022
31520	Core	126	234.7	73.4	0.006	0.961	1.94	5.9	<1.0	8.6	34.2	0.30	<0.05	17.4	0.053
31521	Core	119	15.2	96.0	0.004	1.233	2.11	8.1	<1.0	2.0	54.1	0.18	<0.05	12.1	0.067
31522	Core	266	25.6	208.7	0.005	2.042	4.70	17.0	<1.0	2.5	98.6	0.23	<0.05	12.8	0.104
31523	Core	165	18.8	173.3	0.004	1.447	3.39	15.6	<1.0	2.5	104.5	0.18	<0.05	13.1	0.084
31524	Core	221	19.5	206.2	0.006	1.298	3.52	18.4	<1.0	2.8	118.2	0.20	<0.05	16.1	0.106
31525	Core	232	22.5	181.3	0.010	0.983	2.52	16.6	<1.0	3.0	108.7	0.18	<0.05	18.8	0.093
31526	Core	196	21.4	151.4	0.008	1.077	2.66	14.1	1.1	2.2	103.4	0.15	<0.05	14.5	0.083
31527	Core	110	20.1	49.6	0.010	0.399	0.90	4.6	<1.0	1.4	36.8	0.11	<0.05	12.7	0.044
31528	Core	309	30.5	222.9	0.012	1.387	4.22	19.2	1.2	2.9	136.9	0.21	<0.05	19.2	0.113
31529	Core	351	22.9	192.3	0.004	0.960	3.51	17.0	<1.0	2.5	118.6	0.24	<0.05	15.4	0.109
31530	Core	440	29.3	192.5	0.008	1.091	4.11	17.3	<1.0	2.7	129.0	0.21	<0.05	16.1	0.104
31531	Core	373	20.3	224.4	0.004	1.205	3.79	18.8	1.2	3.0	133.7	0.22	<0.05	15.5	<0.005
31532	Core	269	17.8	189.8	0.007	0.668	2.91	16.6	<1.0	2.6	112.8	0.21	<0.05	15.9	0.138
31533	Core	255	20.4	165.4	0.007	0.504	2.59	14.2	<1.0	2.4	82.1	0.21	<0.05	17.2	0.100
31534	Core	186	21.3	150.6	0.006	0.411	1.79	11.8	<1.0	2.1	54.2	0.21	<0.05	17.6	0.089
31535	Core	173	13.0	186.6	0.007	0.562	1.56	14.1	<1.0	2.3	72.8	0.17	<0.05	18.2	0.074
31536	Core	98	91.5	13.6	0.008	0.322	0.79	1.2	1.5	1.2	7.2	0.09	<0.05	4.0	0.013
31537	Core	44	236.3	36.3	0.006	0.632	1.92	3.9	<1.0	3.4	11.5	0.08	<0.05	9.8	0.025
31538	Core	59	202.6	55.3	0.003	0.584	1.55	3.9	<1.0	3.3	16.9	0.08	<0.05	9.2	0.035
31539	Core	27	640.1	21.4	0.006	0.559	1.59	1.0	<1.0	6.9	5.0	<0.05	<0.05	4.1	0.014
31540	Core	185	18.2	272.9	0.003	1.460	2.84	20.3	<1.0	4.8	71.7	0.25	<0.05	16.1	0.141
31541	Core	281	26.2	225.0	0.008	0.622	2.54	18.1	<1.0	2.8	77.7	0.18	<0.05	14.2	0.085
31542	Core	492	22.5	161.4	0.006	0.483	3.10	16.8	<1.0	2.6	74.5	0.20	<0.05	13.4	0.107
31543	Core	209	19.2	173.7	0.007	0.469	2.17	15.1	1.1	2.5	67.4	0.21	<0.05	16.1	0.090
31544	Core	305	23.9	186.4	0.007	0.412	1.86	19.1	<1.0	2.9	99.4	0.29	<0.05	16.6	0.126
31545	Core	164	16.7	99.3	0.007	0.300	1.56	10.0	<1.0	1.8	44.0	0.21	<0.05	15.9	0.081
31546	Core	169	19.0	85.9	0.007	0.247	1.68	8.4	<1.0	1.5	41.4	0.17	<0.05	14.2	0.071

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Certificate of Analysis

11-360-08547-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31547	Core	581	23.6	122.3	0.004	0.518	2.49	12.6	<1.0	2.1	64.5	0.19	<0.05	14.0	0.092
31548	Core	228	20.9	184.8	0.004	0.523	4.28	17.4	1.1	2.8	95.0	0.25	<0.05	14.0	0.122
31549	Core	517	28.5	190.6	0.009	0.569	3.92	17.4	1.2	2.8	110.2	0.30	<0.05	15.4	0.132
31550	Core	194	23.5	181.0	0.004	0.528	2.41	17.6	1.3	2.7	104.5	0.15	<0.05	13.8	0.088
31551	Core	253	25.0	222.5	0.007	0.539	2.46	21.6	1.5	3.1	125.6	0.36	<0.05	15.4	0.160

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11-360-08547-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.
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Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31507	Core	0.48	2.0	72	1.8	6.4	56	63.5
31508	Core	0.96	3.6	123	1.9	8.7	101	97.0
31509	Core	0.05	0.7	9	0.7	1.5	20	20.2
31510	Core	0.03	0.5	6	0.6	0.9	19	12.3
31511	Core	0.29	1.4	40	1.4	3.7	35	49.8
31512	Core	0.09	0.9	27	0.9	2.7	27	35.2
31513	Core	1.37	4.6	170	3.9	9.8	98	134.0
31514	Core	0.17	1.2	28	1.3	3.2	30	34.3
31515	Core	0.20	1.3	36	1.5	3.0	28	45.3
31516	Reject	0.06	0.9	18	2.0	2.5	226	30.3
31517	Pulp	15.22	8.4	455	36.4	26.8	248	78.4
31518	Reject	0.10	2.6	21	4.9	5.1	241	74.3
31519	Core	0.08	1.1	17	1.9	3.0	57	42.7
31520	Core	0.48	2.4	62	4.9	4.5	253	65.6
31521	Core	0.58	2.0	74	2.0	4.0	59	52.1
31522	Core	1.24	3.6	151	1.8	4.9	105	68.8
31523	Core	1.19	3.0	148	1.3	4.1	101	59.4
31524	Core	1.30	3.3	164	1.1	5.5	108	70.8
31525	Core	1.05	3.7	155	1.4	6.8	108	81.3
31526	Core	1.02	3.4	147	0.8	4.7	114	73.2
31527	Core	0.31	1.9	61	0.6	4.8	70	54.0
31528	Core	1.28	4.5	176	0.8	6.8	101	98.5
31529	Core	1.09	4.5	164	1.8	6.2	108	90.9
31530	Core	1.31	4.2	177	1.4	5.7	118	76.1
31531	Core	1.27	3.9	257	0.7	5.5	139	77.7
31532	Core	1.08	3.9	216	0.8	6.3	121	88.4
31533	Core	1.00	3.8	146	1.1	8.6	99	98.5
31534	Core	0.96	3.6	117	2.1	6.8	79	93.9
31535	Core	1.10	3.4	131	3.2	6.8	79	97.1
31536	Core	0.09	0.7	14	1.1	1.7	81	20.7
31537	Core	0.21	1.5	36	2.2	3.9	170	56.9
31538	Core	0.29	1.3	44	1.8	3.9	154	55.3
31539	Core	0.10	0.5	11	1.2	1.5	466	20.9
31540	Core	1.47	4.2	220	6.9	7.3	125	109.7
31541	Core	1.29	3.9	171	1.5	5.9	124	81.6
31542	Core	1.05	3.4	158	0.5	6.0	108	85.5
31543	Core	1.03	3.8	157	0.6	5.6	103	86.3
31544	Core	1.38	4.3	188	0.7	5.9	94	87.2
31545	Core	0.75	3.0	120	0.4	4.7	100	69.5
31546	Core	0.52	2.4	101	0.4	4.9	96	69.7

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11-360-08547-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31547	Core	0.80	3.2	145	0.4	5.5	104	78.7
31548	Core	1.16	3.9	177	0.5	5.7	109	89.2
31549	Core	1.31	4.2	175	0.5	6.0	105	83.4
31550	Core	1.18	3.8	180	0.4	5.7	127	78.0
31551	Core	1.41	4.3	174	1.5	7.1	96	103.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31507	Core		0.33	5.36	130.2	321	1.02	0.15	0.71	0.28	23.53	8.9	221	2.94	25.0
31507 Dup			0.39	5.52	133.2	303	1.05	0.16	0.71	0.26	18.54	10.1	217	2.77	25.5
QCV1111-02304-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.69	8.07	6.7	423	2.69	2.44	0.55	0.03	87.42	16.6		6.86	2306.3
31525	Core		0.42	>10	33.9	697	2.44	0.35	0.51	0.17	63.62	16.6	118	7.10	50.6
31525 Dup			0.41	>10	31.3	639	2.41	0.34	0.55	0.16	61.85	17.0	117	6.16	46.6
QCV1111-02304-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	8.33	6.5	425	2.57	2.59	0.50	0.04	90.49	17.0		6.91	2423.0
31543	Core		0.38	>10	20.1	627	2.88	0.31	0.25	0.06	20.46	18.4	109	6.12	49.0
31543 Dup			0.33	>10	20.1	658	2.50	0.31	0.24	0.05	21.12	19.7	110	6.34	46.6
QCV1111-02304-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.57	6.1	452	3.06	2.41	0.56	0.05	95.49	16.8		7.38	2306.8
31507	Core	0.060													
31507 Dup		0.056													
31525	Core	0.027													
31525 Dup		0.029													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.917													
QCV1111-02305-0004-BLK		<0.005													
31543	Core	0.006													
31543 Dup		0.007													
QCV1111-02305-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.765													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31507	Core	2.44	11.46	1.02	1.6	0.04	1.55	9.0	18.1	0.44	641	0.65	0.10	1.2	19.5
31507 Dup		2.45	11.80	0.86	1.6	0.04	1.63	7.9	18.6	0.46	639	0.58	0.11	1.2	33.9
QCV1111-02304-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.49	18.69		4.1	0.32	2.71	40.2	27.1	1.69		0.35	0.51	13.9	40.1
31525	Core	5.13	24.85	1.43	2.5	0.07	3.01	31.7	57.4	1.08	443	0.55	0.27	2.4	46.6
31525 Dup		5.27	23.40	1.45	2.6	0.07	2.72	30.2	54.5	1.06	450	0.56	0.24	2.8	45.9
QCV1111-02304-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.31	19.55		3.7	0.35	2.97	41.2	27.2	1.85		0.40	0.58	13.4	40.2
31543	Core	4.96	26.51	1.42	2.7	0.07	2.80	10.1	67.7	1.25	338	0.57	0.18	2.8	50.6
31543 Dup		5.07	27.28	1.37	2.7	0.08	2.96	10.4	67.3	1.29	339	0.54	0.19	2.6	52.9
QCV1111-02304-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.49	20.49		3.6	0.34	2.40	43.3	27.0	1.60		0.33	0.48	13.7	42.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31507	Core	865	38.1	80.1	0.004	0.604	1.66	6.3	<1.0	2.2	60.0	0.09	<0.05	11.6	0.037
31507 Dup		1941	37.7	76.3	0.008	0.626	1.57	6.5	<1.0	2.0	59.9	0.10	<0.05	11.5	0.038
QCV1111-02304-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		730	9.8	195.2	0.012	0.283	1.16	13.0	4.0	10.4	33.1	0.97		18.8	
31525	Core	232	22.5	181.3	0.010	0.983	2.52	16.6	<1.0	3.0	108.7	0.18	<0.05	18.8	0.093
31525 Dup		243	21.3	166.3	0.009	1.011	2.37	14.3	<1.0	2.9	98.3	0.21	<0.05	17.8	0.114
QCV1111-02304-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		735	10.3	210.1	0.009	0.303	1.18	12.9	4.1	10.7	34.5	1.00		19.5	
31543	Core	209	19.2	173.7	0.007	0.469	2.17	15.1	1.1	2.5	67.4	0.21	<0.05	16.1	0.090
31543 Dup		192	18.8	180.8	0.005	0.498	2.13	16.7	1.6	2.5	70.4	0.22	<0.05	16.0	0.097
QCV1111-02304-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		708	10.2	195.0	0.009	0.287	1.11	13.7	4.6	10.6	35.1	0.92		17.8	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31507	Core	0.48	2.0	72	1.8	6.4	56	63.5
31507 Dup		0.55	2.0	73	1.9	6.3	57	58.0
QCV1111-02304-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.04	3.4		2.5	25.4	90	122.2
31525	Core	1.05	3.7	155	1.4	6.8	108	81.3
31525 Dup		0.99	3.6	160	1.5	6.1	110	78.5
QCV1111-02304-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.99	3.4		2.5	25.6	92	121.2
31543	Core	1.03	3.8	157	0.6	5.6	103	86.3
31543 Dup		1.06	3.6	161	0.5	5.9	103	91.6
QCV1111-02304-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.95	3.2		2.5	26.8	87	123.4

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11-360-08548-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 83**
Client Reference: **Core 83**
Description: **3 ACE**

Date Received: 11/23/2011
Date Completed: 12/22/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	46	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-1AT-GV	Au, 1AT, Gravimetric
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
31460	Core		1.171	0.26	2.52	3261.2	123	0.79	0.11	0.54	0.09	19.08	6.9	119	3.78
31461	Core	19.917	>10	2.81	1.48	5028.9	62	0.49	0.14	0.02	0.15	7.39	2.8	118	2.74
31462	Core	15.529	>10	0.53	1.27	2643.8	48	0.57	0.04	0.02	0.24	7.66	2.3	137	1.75
31463	Core		3.202	0.18	1.83	3385.2	72	0.49	0.08	0.02	0.10	12.86	3.4	141	1.74
31464	Core		0.340	0.09	2.08	2474.1	64	0.73	0.04	0.04	0.09	23.90	4.9	140	2.03
31465	Core		0.889	0.03	2.25	1351.3	91	0.76	0.06	0.23	0.17	15.88	4.2	141	1.84
31466	Core		0.583	0.43	9.67	2918.2	734	3.04	0.28	0.12	0.21	24.83	20.2	105	17.94
31467	Core		0.377	0.20	3.45	>10000	130	0.73	0.31	0.22	0.12	13.24	6.7	127	3.83
31468	Core		0.662	0.12	2.16	5358.4	66	0.40	0.08	0.38	0.22	21.67	4.9	129	2.39
31469	Core		0.683	0.28	1.75	4287.6	39	0.28	0.11	0.46	0.86	21.02	5.6	142	1.68
31470	Core		0.378	0.27	3.86	2598.7	236	1.00	0.11	0.71	0.68	16.93	9.9	142	5.17
31471	Core		0.114	0.13	2.13	1214.8	85	0.63	0.06	0.43	0.39	21.62	7.6	163	2.46
31472	Core		0.182	0.18	1.98	1659.8	46	0.43	0.05	0.36	0.21	19.34	5.7	192	1.35
31473	Core		0.106	<0.01	2.60	1507.2	100	0.77	0.05	0.29	0.20	18.36	4.1	147	2.53
31474	Core		0.123	0.15	2.15	3139.3	45	0.42	0.16	0.74	0.26	24.21	3.2	154	1.15
31475	Core		0.285	0.21	1.87	6185.7	86	0.75	0.11	0.37	0.15	17.53	4.2	274	3.47
31476	Core		0.735	1.13	>10	1706.9	914	3.49	0.36	0.16	0.13	29.63	18.0	107	19.26
31477	Core		1.559	0.59	>10	2535.2	901	4.88	0.40	0.14	0.04	44.10	19.8	115	16.89
31478	Core		4.961	0.23	2.17	3642.6	68	0.62	0.06	0.85	0.07	23.70	3.1	141	1.67
31479	Core		2.720	0.84	2.05	8008.6	69	0.80	0.13	0.32	0.04	17.77	3.4	162	3.19
31480	Reject	23.930	>10	4.82	4.99	>10000	311	2.08	0.29	0.78	0.14	30.60	10.2	159	9.21
31481	Reject		7.106	0.56	4.80	>10000	287	2.17	0.27	0.32	0.15	18.19	10.8	140	9.20
31482	Core		<0.005	0.26	0.08	23.7	31	<0.05	0.02	>10	0.07	1.30	1.3	2	0.19
31483	Core		4.233	0.77	>10	7590.9	817	4.78	0.28	0.36	0.06	30.91	20.7	115	13.40
31484	Core		0.552	0.08	4.64	2517.6	319	1.77	0.09	0.58	0.16	23.34	7.9	125	6.15
31485	Core		0.210	0.11	>10	331.1	954	4.18	0.54	0.34	0.10	26.38	24.6	92	10.33
31486	Core		0.036	0.08	9.48	57.6	830	2.83	0.50	0.47	0.13	21.55	20.5	83	8.20
31487	Core		0.007	0.18	9.22	42.4	808	3.28	0.44	0.66	0.20	37.74	18.2	87	8.37
31488	Core		0.018	0.33	9.67	62.8	805	3.04	0.44	1.34	0.09	13.63	19.1	68	10.03
31489	Core		0.041	0.13	9.92	76.4	831	3.64	0.52	0.34	0.21	16.43	21.5	71	9.34
31490	Core		0.022	0.08	>10	56.5	795	3.27	0.48	0.34	0.07	44.81	22.8	85	11.11
31491	Core		0.011	0.49	7.55	23.1	552	2.31	0.29	0.60	0.04	11.87	14.4	85	6.20
31492	Core		<0.005	<0.01	8.60	24.1	821	3.40	0.49	0.55	0.06	21.39	19.7	107	9.42
31493	Core		<0.005	0.21	9.66	27.7	819	2.79	0.50	1.74	0.07	12.81	19.7	97	7.81
31494	Core		<0.005	0.09	9.40	23.4	774	2.53	0.45	1.27	0.06	18.88	18.4	89	7.57
31495	Core		<0.005	0.18	>10	22.3	835	3.39	0.45	0.30	0.07	21.20	23.6	93	8.84
31496	Core		0.014	0.20	3.84	22.0	210	0.70	0.08	0.58	0.33	15.34	3.5	114	2.05
31497	Core		0.070	0.48	>10	90.0	857	4.15	0.44	0.17	0.57	32.27	25.2	84	9.83
31498	Core		0.121	0.48	>10	93.3	857	3.78	0.38	0.14	3.57	32.19	20.5	84	8.17
31499	Core		0.132	1.10	>10	133.9	859	4.35	0.40	0.12	1.37	21.59	22.4	91	9.29

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
31500	Core		0.177	1.85	>10	216.3	863	4.14	0.47	0.09	6.17	21.56	19.8	88	8.86
31501	Core		<0.005	<0.01	0.08	10.1	20	<0.05	0.02	>10	0.07	1.31	1.8	2	0.18
31502	Core		0.033	0.42	>10	50.1	801	4.65	0.40	0.09	0.22	30.41	22.3	74	8.09
31503	Core		0.012	0.30	>10	26.8	733	3.32	0.36	0.11	0.06	22.48	18.5	90	6.82
31504	Core		0.023	0.17	>10	31.0	729	3.22	0.35	0.18	0.04	18.13	17.9	91	6.62
31505	Core		0.019	0.08	8.97	32.6	613	2.96	0.23	0.27	0.08	23.88	15.5	119	5.55
31506	Core		0.032	0.41	9.50	56.0	663	3.08	0.29	0.21	0.05	20.45	18.1	113	5.93
31552	Core		<0.005	0.14	>10	20.0	774	3.67	0.34	0.14	0.04	30.28	18.2	62	7.78

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11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
31460	Core	12.5	1.03	7.16	1.28	0.8	0.02	0.63	8.6	12.6	0.18	320	0.32	0.03	0.5
31461	Core	7.1	0.79	3.68	1.93	0.5	0.01	0.30	3.6	103.0	0.03	44	0.55	0.02	0.5
31462	Core	7.4	1.23	3.32	1.87	1.5	<0.01	0.24	3.5	36.0	0.02	20	2.86	0.01	0.6
31463	Core	12.8	0.64	4.75	1.56	1.1	0.02	0.35	5.9	11.4	0.04	42	0.54	0.02	0.7
31464	Core	20.9	0.99	5.33	1.41	1.1	0.02	0.27	11.1	15.2	0.08	278	0.41	0.01	0.8
31465	Core	14.9	1.13	6.13	1.21	1.0	0.02	0.43	7.5	13.2	0.14	390	0.59	0.02	0.6
31466	Core	43.3	4.66	25.19	1.20	2.5	0.07	3.47	13.5	39.1	0.99	618	0.47	0.18	2.3
31467	Core	13.4	1.64	7.13	1.84	0.9	0.02	0.61	6.7	315.2	0.17	148	0.48	0.04	0.9
31468	Core	16.2	0.97	5.00	1.62	0.8	0.02	0.31	10.2	13.1	0.16	201	0.38	0.02	0.5
31469	Core	20.4	0.91	3.34	1.74	0.7	0.03	0.20	9.3	7.0	0.23	255	0.48	0.10	0.4
31470	Core	28.8	1.50	12.13	1.60	1.5	0.04	1.19	6.9	9.5	0.40	425	0.44	0.20	0.9
31471	Core	31.7	1.03	6.34	1.49	0.9	0.02	0.42	9.8	22.6	0.24	286	0.43	0.02	0.6
31472	Core	20.3	0.97	3.93	1.47	0.8	0.01	0.21	8.6	10.7	0.17	320	0.42	0.01	0.5
31473	Core	13.6	1.00	6.58	1.38	1.2	0.01	0.50	8.7	15.0	0.16	269	0.40	0.02	0.7
31474	Core	13.7	0.97	3.60	1.17	0.9	0.01	0.18	11.3	12.9	0.24	379	0.39	0.01	0.6
31475	Core	11.9	1.58	5.05	2.09	0.8	0.02	0.22	8.6	330.3	0.09	319	0.55	0.01	0.7
31476	Core	58.9	4.72	26.65	1.12	2.2	0.07	4.05	16.5	34.6	0.90	503	0.42	0.22	2.0
31477	Core	49.2	4.73	28.67	1.31	2.6	0.07	3.53	23.4	14.3	1.00	506	0.48	0.18	3.7
31478	Core	8.4	1.12	4.91	1.42	1.0	0.01	0.39	10.7	5.8	0.27	488	0.38	0.02	0.6
31479	Core	11.3	1.08	5.15	2.10	0.7	0.02	0.46	8.4	5.7	0.17	199	0.47	0.03	0.5
31480	Reject	12.2	2.57	18.55	2.23	1.4	0.06	1.72	16.0	9.6	0.49	209	0.67	0.06	1.0
31481	Reject	21.6	2.29	19.21	2.52	1.4	0.06	1.69	9.3	14.9	0.30	136	0.81	0.06	0.9
31482	Core	5.4	0.37	0.44	<0.05	<0.1	0.01	0.03	0.8	1.5	9.78	180	0.08	<0.01	0.5
31483	Core	53.5	4.27	31.28	1.64	2.6	0.08	3.76	17.6	57.4	0.91	433	0.51	0.15	2.5
31484	Core	28.2	2.13	14.60	1.37	1.2	0.04	1.43	12.1	54.3	0.53	520	0.49	0.07	1.3
31485	Core	52.4	3.95	27.21	1.33	2.2	0.07	3.32	14.6	43.8	0.63	508	1.03	0.30	2.2
31486	Core	55.1	3.84	22.72	0.91	2.2	0.07	3.00	12.3	39.4	0.65	790	1.72	0.33	2.5
31487	Core	73.0	4.08	20.08	1.07	1.9	0.07	3.08	20.4	36.7	0.66	860	1.76	0.37	2.1
31488	Core	51.4	3.74	22.45	1.02	1.9	0.06	3.39	7.4	40.5	1.03	1131	1.04	0.38	1.8
31489	Core	48.0	3.75	23.94	1.11	2.3	0.08	2.99	9.3	42.0	0.74	409	1.10	0.36	2.2
31490	Core	65.8	3.74	25.86	1.18	2.4	0.07	3.06	25.5	77.6	0.88	314	1.33	0.41	2.7
31491	Core	40.2	3.18	18.90	0.88	1.9	0.05	2.21	6.7	54.6	0.98	589	0.89	0.29	1.9
31492	Core	56.7	5.21	25.64	0.95	2.2	0.08	1.77	11.9	58.1	0.87	340	0.83	0.23	2.2
31493	Core	51.2	2.99	22.68	1.00	2.1	0.07	3.10	7.2	49.3	0.88	620	1.04	0.44	2.0
31494	Core	48.5	3.55	20.81	0.98	1.9	0.07	3.10	10.9	46.5	1.27	1143	0.96	0.44	2.9
31495	Core	55.4	3.40	23.92	1.35	2.2	0.07	3.43	12.2	50.1	0.87	423	0.81	0.47	2.4
31496	Core	21.7	2.19	8.32	0.67	1.4	0.03	0.92	7.4	38.4	0.76	604	0.46	0.13	1.4
31497	Core	57.3	3.36	26.12	1.38	2.3	0.09	4.05	18.5	45.6	0.68	293	0.93	0.53	3.1
31498	Core	45.1	3.68	22.89	1.09	2.4	0.17	4.11	17.9	34.2	0.69	305	0.69	0.48	3.4
31499	Core	29.9	3.14	26.58	1.26	2.2	0.11	4.06	11.8	36.5	0.50	264	0.65	0.45	3.6

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Certificate of Analysis

11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
31500	Core	30.6	4.21	26.40	1.33	2.3	0.17	4.14	12.2	39.0	0.65	350	0.57	0.48	2.5
31501	Core	2.5	0.32	0.29	<0.05	<0.1	<0.01	0.04	0.7	1.3	>10	146	<0.05	<0.01	0.2
31502	Core	52.4	2.86	28.22	1.37	2.6	0.08	3.73	16.6	49.5	0.54	221	0.62	0.41	2.8
31503	Core	55.7	3.18	24.62	1.06	2.6	0.06	3.61	13.1	51.2	0.74	246	0.69	0.31	2.5
31504	Core	55.4	2.93	23.42	1.33	2.4	0.06	3.74	10.4	46.0	0.77	260	0.61	0.31	2.2
31505	Core	44.9	2.77	19.73	1.37	2.3	0.05	3.34	13.1	43.7	0.81	357	0.61	0.25	3.1
31506	Core	44.9	2.49	22.25	1.32	2.8	0.06	3.96	11.1	45.7	0.77	253	0.72	0.29	3.0
31552	Core	50.2	4.40	24.15	0.89	2.5	0.07	4.36	16.6	55.3	0.95	552	0.40	0.50	2.3

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11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
31460	Core	10.2	427	19.3	55.5	0.006	0.482	3.66	2.8	1.5	1.1	57.7	<0.05	<0.05	6.5
31461	Core	6.3	27	34.6	26.7	0.005	0.467	4.71	1.0	<1.0	1.1	11.7	<0.05	<0.05	3.3
31462	Core	6.1	37	36.1	21.2	0.007	1.096	5.54	0.9	<1.0	1.3	10.0	0.05	<0.05	3.1
31463	Core	7.9	62	16.8	26.0	0.006	0.354	3.67	1.5	1.1	1.2	14.5	0.08	<0.05	6.3
31464	Core	9.8	35	12.2	23.8	0.003	0.301	2.94	2.5	<1.0	1.1	14.1	0.06	<0.05	7.9
31465	Core	8.8	165	20.3	32.8	0.008	0.353	2.10	2.3	<1.0	0.8	27.2	0.05	<0.05	7.2
31466	Core	48.8	133	23.8	243.4	0.004	0.833	4.37	15.0	<1.0	2.6	72.1	0.22	<0.05	16.3
31467	Core	14.0	26	24.7	44.8	0.011	0.729	9.06	2.9	2.2	1.4	30.4	0.06	<0.05	6.0
31468	Core	8.2	24	26.7	25.6	0.005	0.424	4.32	2.3	<1.0	1.9	40.4	<0.05	<0.05	6.8
31469	Core	6.7	30	71.7	16.1	<0.002	0.341	4.02	1.4	<1.0	2.5	44.6	<0.05	<0.05	5.4
31470	Core	15.6	260	78.1	86.6	0.004	0.657	3.29	5.4	<1.0	2.9	83.0	0.07	<0.05	9.5
31471	Core	9.4	170	77.8	34.5	0.004	0.397	2.05	2.4	<1.0	3.1	47.8	<0.05	<0.05	5.9
31472	Core	8.0	112	21.3	17.6	0.004	0.393	2.46	1.7	<1.0	1.5	40.0	<0.05	<0.05	6.2
31473	Core	9.3	69	22.5	37.7	0.007	0.489	2.22	2.9	<1.0	1.1	36.2	0.06	<0.05	8.7
31474	Core	7.1	692	92.7	13.2	0.005	0.685	2.23	2.0	<1.0	1.2	73.5	<0.05	<0.05	7.0
31475	Core	10.1	33	22.2	30.6	0.003	0.560	4.27	2.6	4.6	1.4	35.9	<0.05	<0.05	6.1
31476	Core	45.6	334	26.3	263.8	0.002	1.180	3.55	16.8	<1.0	3.1	98.0	0.18	<0.05	15.7
31477	Core	44.6	430	31.3	250.9	0.005	0.823	4.24	17.9	<1.0	3.0	83.4	0.31	<0.05	16.2
31478	Core	6.6	520	16.7	25.6	0.005	0.299	3.40	2.2	<1.0	1.0	74.3	0.05	<0.05	6.3
31479	Core	8.2	41	19.0	35.2	0.004	0.561	5.70	1.8	1.9	1.6	38.2	<0.05	<0.05	5.7
31480	Reject	23.8	21	20.5	131.7	0.007	1.480	17.24	7.9	2.2	2.8	121.9	0.09	<0.05	9.6
31481	Reject	24.6	26	21.5	135.2	0.002	1.456	19.47	8.5	1.5	3.8	73.9	0.06	<0.05	9.1
31482	Core	3.0	118	6.4	1.8	0.007	<0.01	0.26	0.3	<1.0	<0.2	47.7	0.09	<0.05	0.2
31483	Core	47.3	235	22.9	255.5	0.004	1.585	9.24	16.5	<1.0	3.4	85.5	0.22	<0.05	16.3
31484	Core	19.2	79	21.8	105.0	0.007	0.400	2.90	6.8	1.2	2.4	88.9	0.09	<0.05	8.5
31485	Core	45.9	133	29.3	233.3	0.008	2.042	7.44	17.2	<1.0	2.8	139.7	0.18	<0.05	12.8
31486	Core	43.0	161	43.4	196.3	0.005	2.305	8.87	16.0	1.4	2.3	139.1	0.19	<0.05	12.2
31487	Core	41.1	153	42.8	183.2	0.008	2.996	6.96	15.3	1.1	2.2	161.0	0.14	<0.05	12.3
31488	Core	42.0	1040	34.3	197.3	0.003	2.102	9.66	14.8	2.9	2.1	171.3	0.15	<0.05	10.8
31489	Core	44.6	292	47.3	204.5	0.004	2.528	9.40	16.9	2.6	3.0	141.2	0.19	<0.05	12.6
31490	Core	46.3	138	33.5	206.9	0.007	2.186	8.09	17.4	2.1	2.8	152.4	0.21	<0.05	15.0
31491	Core	31.4	140	17.8	142.2	<0.002	1.048	2.51	11.7	1.3	1.9	124.0	0.16	<0.05	11.2
31492	Core	45.0	729	20.2	209.6	0.003	1.782	2.78	17.0	1.8	2.5	168.3	0.19	<0.05	13.3
31493	Core	37.0	129	24.0	191.1	0.007	1.682	3.28	15.2	1.8	2.4	240.2	0.18	<0.05	13.2
31494	Core	38.1	209	33.9	170.2	0.005	2.018	5.05	13.9	<1.0	2.1	181.1	0.21	<0.05	11.8
31495	Core	44.6	245	37.3	196.0	0.003	1.966	5.03	16.5	<1.0	2.6	149.3	0.17	<0.05	12.9
31496	Core	14.1	184	16.5	51.2	<0.002	0.309	0.35	5.1	<1.0	1.5	46.9	0.11	<0.05	8.7
31497	Core	48.5	171	67.0	217.7	0.006	2.561	6.41	19.0	2.2	3.5	155.5	0.28	<0.05	14.0
31498	Core	41.4	281	80.4	202.1	0.004	2.543	4.65	16.3	<1.0	3.8	140.7	0.34	<0.05	13.9
31499	Core	42.8	181	69.1	242.8	0.010	2.306	5.31	18.8	1.5	5.8	151.0	0.29	<0.05	13.2

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11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
31500	Core	45.6	189	832.9	216.4	0.004	2.995	4.84	17.4	<1.0	5.8	158.2	0.23	<0.05	13.2
31501	Core	3.3	150	4.7	1.6	0.006	<0.01	<0.05	0.1	1.1	<0.2	42.1	<0.05	<0.05	<0.2
31502	Core	46.3	258	35.1	203.9	0.004	0.980	3.39	17.9	<1.0	3.3	132.8	0.23	<0.05	14.1
31503	Core	41.1	272	26.0	177.8	0.006	0.286	1.58	15.9	<1.0	2.8	107.4	0.25	<0.05	15.1
31504	Core	35.5	242	26.4	185.7	0.004	0.351	1.63	14.7	<1.0	2.6	108.4	0.19	<0.05	14.5
31505	Core	34.2	178	23.9	164.7	0.005	0.396	1.59	11.6	<1.0	2.5	96.3	0.26	<0.05	13.9
31506	Core	40.0	176	17.5	183.9	0.005	0.533	2.00	13.9	2.0	2.6	93.5	0.25	<0.05	14.6
31552	Core	54.4	556	20.2	187.7	0.006	0.092	1.18	15.9	<1.0	2.4	123.2	0.20	<0.05	14.8

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11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31460	Core	0.014	0.26	0.9	28	5.1	3.7	30	40.1
31461	Core	0.009	0.15	0.6	13	1.7	1.2	27	17.4
31462	Core	0.007	0.14	0.4	11	1.1	1.2	27	16.6
31463	Core	0.011	0.14	0.8	18	1.8	2.2	20	32.6
31464	Core	0.014	0.11	1.0	22	2.4	2.9	28	47.4
31465	Core	0.012	0.16	0.9	25	2.0	3.4	33	38.3
31466	Core	0.062	1.14	4.5	129	6.2	7.4	125	89.9
31467	Core	0.015	0.24	1.1	29	2.4	2.4	29	32.2
31468	Core	0.009	0.13	0.9	22	1.6	2.4	28	32.3
31469	Core	0.007	0.06	0.9	17	1.1	2.2	83	30.6
31470	Core	0.024	0.38	1.6	52	2.2	5.5	86	57.2
31471	Core	0.012	0.16	0.9	25	1.6	3.4	51	33.5
31472	Core	0.010	0.08	0.9	17	1.6	5.4	36	32.4
31473	Core	0.014	0.19	1.2	26	2.6	3.5	34	46.2
31474	Core	0.010	0.07	1.0	17	1.6	4.7	36	39.0
31475	Core	0.014	0.17	1.0	27	2.9	2.2	26	30.3
31476	Core	0.063	1.34	4.2	142	6.2	6.7	108	79.2
31477	Core	0.106	1.49	4.6	144	8.4	8.5	118	89.6
31478	Core	0.014	0.13	0.9	23	2.0	4.6	27	34.1
31479	Core	0.012	0.17	1.0	20	1.4	2.3	16	29.3
31480	Reject	0.035	0.65	2.9	79	4.6	6.2	58	52.4
31481	Reject	0.029	0.65	2.6	67	4.0	3.7	56	50.6
31482	Core	<0.005	<0.02	0.4	253	0.1	1.0	23	0.7
31483	Core	0.092	1.35	3.8	136	7.8	7.6	109	86.2
31484	Core	0.034	0.44	1.7	60	3.4	4.4	52	45.0
31485	Core	0.076	1.19	3.7	122	3.2	6.0	93	79.5
31486	Core	0.076	0.91	3.7	109	1.9	6.1	106	85.2
31487	Core	0.055	0.89	3.3	103	1.7	5.6	110	68.9
31488	Core	0.051	0.91	3.5	110	1.8	7.4	97	73.6
31489	Core	0.069	0.97	4.0	113	1.9	6.2	107	80.7
31490	Core	0.075	1.03	3.9	113	1.4	6.8	93	90.6
31491	Core	0.049	0.74	2.9	85	0.7	5.2	85	64.5
31492	Core	0.089	1.06	3.9	155	0.9	6.2	120	76.8
31493	Core	0.062	1.07	3.7	106	0.8	6.6	79	70.1
31494	Core	0.077	0.84	3.3	109	1.1	5.7	88	67.5
31495	Core	0.070	0.94	3.6	112	1.2	5.9	94	78.1
31496	Core	0.029	0.25	1.6	46	0.6	5.1	71	44.9
31497	Core	0.087	1.06	3.6	114	1.8	6.6	119	85.3
31498	Core	0.102	1.10	3.9	114	2.3	5.9	461	73.4
31499	Core	0.107	1.19	3.7	120	3.2	5.5	174	79.8

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11-360-08548-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31500	Core	0.077	1.18	3.7	116	3.4	5.6	519	75.4
31501	Core	<0.005	<0.02	0.7	229	0.1	0.8	20	<0.5
31502	Core	0.082	1.06	4.2	114	2.7	6.0	114	87.7
31503	Core	0.070	1.01	4.5	114	4.1	6.2	114	81.9
31504	Core	0.066	0.91	3.9	109	2.5	6.7	103	84.3
31505	Core	0.078	0.79	3.3	96	2.1	6.6	96	85.0
31506	Core	0.073	0.89	3.7	96	2.5	7.1	91	104.4
31552	Core	0.063	0.98	4.4	99	2.3	8.1	120	84.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-1AT-GV g/ton 1.000	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05
31460	Core			0.26	2.52	3261.2	123	0.79	0.11	0.54	0.09	19.08	6.9	119	3.78
31460 Dup				0.27	2.47	3190.1	122	0.78	0.10	0.53	0.07	19.20	6.6	113	3.76
QCV1111-02302-0002-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-CDN-ME-6 expected				101.00											
STD-CDN-ME-6 result				96.43											
31478	Core			0.23	2.17	3642.6	68	0.62	0.06	0.85	0.07	23.70	3.1	141	1.67
31478 Dup				0.20	2.09	3528.8	67	0.98	0.07	0.83	0.09	24.97	2.7	137	1.82
QCV1111-02302-0005-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS92-4A expected				0.70					2.44				16.3		
STD-OREAS92-4A result				0.68	7.08	13.7	430	2.80	2.43	0.35	0.04	86.86	16.6		6.65
31496	Core			0.20	3.84	22.0	210	0.70	0.08	0.58	0.33	15.34	3.5	114	2.05
31496 Dup				0.25	3.74	20.7	205	0.84	0.07	0.58	0.35	16.53	3.2	116	2.07
QCV1111-02302-0008-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
QCV1111-02302-0009-BLK				<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05
STD-OREAS94-4A expected				3.37					8.02				23.1		
STD-OREAS94-4A result				3.33		11.9	391	2.97	8.28		0.22	80.14	22.3		6.42
31460	Core		1.171												
31460 Dup			1.167												
STD-OxG84 expected			0.922												
STD-OxG84 result			0.981												
QCV1111-02303-0004-BLK			<0.005												
31496	Core		0.014												
31496 Dup			0.017												
QCV1111-02303-0006-BLK			<0.005												
STD-Oxi81 expected			1.807												
STD-Oxi81 result			1.811												
31461	Core	19.917													
31461 Dup		19.645													
QCV1112-01171-0002-BLK		<1.000													
STD-CDN-GS-15A expected		14.830													
STD-CDN-GS-15A result		14.657													

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Cu 50-4A-UT ppm 0.2	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1
31460	Core	12.5	1.03	7.16	1.28	0.8	0.02	0.63	8.6	12.6	0.18	320	0.32	0.03	0.5
31460 Dup		12.7	1.02	7.47	1.15	0.9	0.02	0.62	9.2	12.8	0.18	314	0.34	0.03	0.6
QCV1111-02302-0002-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-CDN-ME-6 expected		6130.0													
STD-CDN-ME-6 result		5601.2													
31478	Core	8.4	1.12	4.91	1.42	1.0	0.01	0.39	10.7	5.8	0.27	488	0.38	0.02	0.6
31478 Dup		8.8	1.10	5.06	1.50	1.0	0.02	0.39	11.4	6.5	0.26	404	0.41	0.02	0.7
QCV1111-02302-0005-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS92-4A expected		2294.0													
STD-OREAS92-4A result		2225.5		18.44		3.5	0.32	2.68	42.1	23.8	1.38		0.31	0.48	13.5
31496	Core	21.7	2.19	8.32	0.67	1.4	0.03	0.92	7.4	38.4	0.76	604	0.46	0.13	1.4
31496 Dup		21.8	2.19	8.13	0.80	2.3	0.03	0.88	8.2	36.0	0.75	607	0.46	0.12	1.5
QCV1111-02302-0008-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
QCV1111-02302-0009-BLK		<0.2	<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1
STD-OREAS94-4A expected		11400													
STD-OREAS94-4A result		>10000		16.74		3.5	1.07		40.5	23.8					13.1

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ni 50-4A-UT ppm 0.2	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2
31460	Core	10.2	427	19.3	55.5	0.006	0.482	3.66	2.8	1.5	1.1	57.7	<0.05	<0.05	6.5
31460 Dup		10.1	399	16.2	55.3	0.004	0.476	3.46	2.8	1.6	2.2	58.7	<0.05	<0.05	6.9
QCV1111-02302-0002-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-CDN-ME-6 expected				10200											
STD-CDN-ME-6 result				>10000											
31478	Core	6.6	520	16.7	25.6	0.005	0.299	3.40	2.2	<1.0	1.0	74.3	0.05	<0.05	6.3
31478 Dup		7.3	512	17.6	27.0	0.005	0.300	3.60	2.3	2.6	1.0	80.3	<0.05	<0.05	6.0
QCV1111-02302-0005-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS92-4A expected				9.8			0.310	1.16		3.8	10.6				
STD-OREAS92-4A result		36.8	564	13.0	221.8	0.004	0.260	1.20	14.6	3.7	10.9	35.7	1.07		18.2
31496	Core	14.1	184	16.5	51.2	<0.002	0.309	0.35	5.1	<1.0	1.5	46.9	0.11	<0.05	8.7
31496 Dup		13.8	183	16.1	50.0	0.004	0.306	0.37	4.9	<1.0	1.6	45.1	0.23	<0.05	8.7
QCV1111-02302-0008-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
QCV1111-02302-0009-BLK		<0.2	<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2
STD-OREAS94-4A expected				30.9			1.380	2.36		12.9	22.6				
STD-OREAS94-4A result		39.6		30.2	191.7	0.005	1.324	2.24	12.2	13.5	21.2	32.8	1.08		16.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Ti 50-4A-UT % 0.005	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31460	Core	0.014	0.26	0.9	28	5.1	3.7	30	40.1
31460 Dup		0.015	0.26	1.0	28	5.6	3.6	26	33.8
QCV1111-02302-0002-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected								5170	
STD-CDN-ME-6 result								4770	
31478	Core	0.014	0.13	0.9	23	2.0	4.6	27	34.1
31478 Dup		0.013	0.13	0.8	23	1.9	4.7	26	41.6
QCV1111-02302-0005-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected								88	
STD-OREAS92-4A result				3.4		2.3	27.8	91	125.6
31496	Core	0.029	0.25	1.6	46	0.6	5.1	71	44.9
31496 Dup		0.027	0.26	1.5	45	0.6	4.7	71	49.3
QCV1111-02302-0008-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1111-02302-0009-BLK		<0.005	<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected								171	
STD-OREAS94-4A result			0.88	3.3			25.6	182	118.9

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 84**
Client Reference: **Core 84**
Description: **3 ACE**

Date Received: 11/28/2011
Date Completed: 12/21/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	41	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29564	Core	0.007	0.21	>10	35.5	544	2.66	0.42	0.46	<0.02	43.48	23.2	130	6.58	48.4
29565	Core	0.026	0.19	7.10	42.1	295	1.46	0.91	9.36	0.13	61.31	18.4	96	3.78	36.4
29566	Core	0.012	0.09	7.76	35.5	379	2.12	0.50	5.49	0.08	51.59	19.7	107	4.87	47.8
29567	Core	0.007	0.12	>10	31.9	700	3.00	0.59	1.41	0.04	38.91	19.9	96	7.80	52.4
29568	Core	0.007	0.07	8.91	72.1	524	2.25	0.60	2.62	0.07	42.51	34.7	66	5.75	48.8
29569	Core	0.008	0.08	9.40	79.7	522	2.56	0.55	4.07	0.07	35.26	34.3	65	6.44	53.7
29570	Core	<0.005	0.06	>10	41.7	553	2.51	0.58	3.47	0.09	42.50	20.8	66	6.56	62.9
29571	Core	<0.005	0.07	9.88	17.8	549	2.77	0.49	2.98	0.05	49.14	18.5	65	6.20	53.7
29572	Core	0.006	0.09	>10	25.4	499	2.78	0.41	2.63	0.05	61.75	19.1	76	11.97	62.4
29573	Core	0.007	0.08	>10	22.9	492	2.76	0.49	1.76	0.07	63.81	21.6	94	11.24	65.1
29574	Core	0.011	0.10	>10	22.8	548	2.87	0.61	1.77	0.06	46.37	20.5	109	9.65	62.0
29575	Core	0.009	0.23	>10	17.5	567	3.21	0.48	0.54	0.06	78.35	20.3	125	9.60	57.6
29576	Core	0.007	0.12	>10	17.3	608	3.43	0.55	0.24	0.04	66.08	18.1	104	14.04	61.9
29577	Core	<0.005	0.08	>10	9.6	616	3.26	0.43	0.14	0.04	58.10	18.8	89	9.52	63.0
29578	Core	<0.005	0.13	>10	5.8	629	3.78	0.30	0.16	0.03	43.64	17.0	97	8.61	54.5
29579	Core	<0.005	3.44	>10	11.3	595	3.59	0.61	0.39	0.05	54.50	22.3	123	9.45	83.3
29580	Core	<0.005	3.71	>10	9.8	563	2.97	0.58	0.24	0.08	82.76	20.2	109	9.33	88.8
29581	Core	<0.005	0.92	>10	8.8	611	3.05	0.31	0.10	0.04	72.03	18.3	97	9.13	67.9
29582	Core	0.006	5.46	>10	18.5	587	3.11	0.72	0.23	0.09	60.90	24.5	100	8.99	83.9
29583	Core	0.007	1.50	>10	28.1	607	3.40	0.27	0.18	0.06	48.71	19.6	97	14.84	71.9
29584	Core	<0.005	0.75	>10	13.8	627	4.39	0.34	0.15	0.09	53.63	22.0	96	13.83	63.5
29585	Core	<0.005	0.15	>10	9.7	611	3.56	0.40	0.25	0.06	63.71	22.7	108	12.70	56.7
29586	Core	0.006	0.20	>10	10.8	542	3.29	0.49	0.47	0.07	57.31	18.1	112	14.46	66.4
29587	Core	<0.005	0.13	>10	12.8	498	2.96	0.45	0.37	0.08	48.22	17.2	102	16.62	55.6
29588	Core	<0.005	0.12	>10	14.7	510	3.10	0.47	2.01	0.06	48.59	19.1	113	10.04	59.6
29589	Core	<0.005	0.10	>10	8.7	511	3.29	0.44	0.65	0.05	70.92	19.5	90	11.17	65.7
29590	Core	0.009	0.08	>10	18.7	454	2.91	0.40	1.43	0.09	45.76	19.1	111	18.86	61.8
29591	Core	0.007	0.11	8.67	40.1	425	2.39	0.60	5.74	0.28	45.69	39.5	80	11.44	54.9
29592	Core	0.018	0.35	>10	34.9	547	3.11	0.49	1.22	0.14	36.89	22.0	79	12.00	69.1
29593	Core	0.018	0.15	9.75	40.7	489	2.47	0.60	1.82	0.08	46.70	27.1	81	12.49	55.1
29594	Pulp	8.016	0.41	3.25	885.4	176	0.76	0.68	>10	4.54	40.64	6.4	92	7.29	43.5
29595	Core	0.014	0.12	9.05	35.2	483	2.94	0.53	1.80	0.12	47.46	23.4	84	12.24	54.9
29596	Core	0.007	0.13	8.64	31.3	481	1.88	0.46	2.74	0.14	38.05	22.2	67	9.49	53.6
29597	Core	0.007	0.12	9.94	30.2	511	2.27	0.55	1.81	0.12	51.42	24.5	88	9.39	53.6
29598	Core	<0.005	0.24	>10	13.6	608	2.99	0.37	1.04	0.10	27.10	12.3	79	9.12	60.1
29599	Core	0.005	0.11	>10	23.6	722	3.49	0.48	0.87	0.07	28.00	20.2	90	10.42	69.0
29600	Core	0.006	0.24	>10	29.7	630	3.28	0.54	0.88	0.07	20.86	25.8	83	10.13	63.8
29601	Core	<0.005	0.09	>10	18.1	618	3.35	0.47	2.17	0.08	39.74	15.4	87	9.11	63.3
29602	Core	0.007	0.20	9.55	28.0	545	2.96	0.45	5.38	0.14	43.01	20.0	71	9.00	57.1
29603	Core	0.005	0.16	6.98	23.6	412	1.89	0.36	>10	0.15	47.30	23.0	49	6.15	40.0

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11-360-08549-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29604	Core	<0.005	0.15	9.70	5.6	519	2.49	0.31	5.19	0.12	74.05	16.2	72	7.51	49.1
29605	Core	<0.005	0.22	>10	13.5	552	2.92	0.52	2.78	0.09	59.29	20.1	84	7.96	74.1

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11-360-08549-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29564	Core	4.55	24.01	1.67	3.9	0.08	3.20	24.7	102.5	1.23	416	0.28	0.67	3.6	51.3
29565	Core	3.82	14.02	1.04	1.8	0.07	1.87	20.8	54.9	1.24	1697	0.89	0.70	1.7	38.7
29566	Core	3.20	15.36	1.22	2.0	0.05	2.09	22.7	64.7	1.01	1049	0.89	0.56	2.2	34.0
29567	Core	4.44	26.85	1.66	2.7	0.08	3.69	21.0	90.1	1.47	1062	0.30	0.88	1.2	49.9
29568	Core	4.08	18.46	1.49	2.0	0.06	2.68	17.6	65.5	1.38	1864	0.55	0.54	1.6	38.5
29569	Core	4.23	20.01	1.41	2.1	0.07	2.58	16.1	72.8	1.23	1478	1.13	0.65	1.8	46.1
29570	Core	3.77	21.07	1.40	2.1	0.06	2.82	15.7	75.8	1.11	1187	0.54	0.78	1.5	40.4
29571	Core	4.36	20.61	1.59	1.9	0.07	2.40	22.2	71.3	1.35	1315	0.23	0.70	1.4	44.0
29572	Core	4.74	22.73	1.41	1.8	0.07	2.33	29.6	293.0	1.63	757	0.39	0.64	1.3	48.2
29573	Core	4.41	23.22	1.37	2.3	0.08	2.41	28.6	114.2	1.36	705	0.45	0.80	1.5	48.6
29574	Core	4.64	22.66	1.35	2.5	0.08	2.67	22.8	80.8	1.41	842	1.77	0.78	1.5	45.4
29575	Core	4.80	22.41	1.18	2.9	0.07	2.66	34.6	70.4	1.19	527	0.51	0.62	1.7	47.1
29576	Core	4.81	24.51	1.21	2.9	0.08	2.88	35.9	123.1	1.27	334	0.54	1.01	1.7	47.1
29577	Core	4.69	26.09	1.08	2.5	0.08	2.79	15.5	77.9	1.24	311	0.41	0.98	1.8	52.7
29578	Core	5.05	25.37	1.29	2.6	0.08	3.07	17.9	74.9	1.28	344	0.38	0.95	1.5	50.6
29579	Core	4.85	26.24	1.27	2.6	0.08	2.70	25.9	84.9	1.25	419	0.79	0.87	2.2	52.7
29580	Core	4.73	25.94	1.29	2.9	0.08	2.52	30.9	114.8	1.21	356	0.52	0.97	2.8	50.9
29581	Core	5.01	26.13	1.47	2.8	0.08	2.89	26.9	90.4	1.30	343	0.50	1.00	2.5	50.7
29582	Core	5.09	25.84	1.42	2.4	0.08	2.69	23.1	105.7	1.31	392	0.40	0.90	2.6	55.5
29583	Core	4.81	27.57	0.99	2.4	0.09	2.87	21.0	380.4	1.23	342	0.47	0.94	2.2	55.0
29584	Core	5.05	29.40	1.30	2.6	0.09	2.91	23.9	174.3	1.31	330	0.29	1.02	2.2	59.5
29585	Core	4.92	28.20	1.35	2.8	0.08	2.88	27.4	141.9	1.28	344	0.44	0.99	2.2	57.3
29586	Core	4.99	26.44	1.25	2.7	0.08	2.73	24.2	284.6	1.37	511	0.44	0.88	2.6	53.7
29587	Core	5.11	24.33	1.06	2.6	0.08	2.59	20.7	293.7	1.39	474	0.40	0.84	2.6	50.3
29588	Core	4.36	25.16	1.47	2.1	0.07	2.24	19.3	89.0	1.25	590	0.54	0.78	1.9	47.2
29589	Core	5.39	26.11	1.27	2.7	0.08	2.33	29.1	106.1	1.49	499	0.57	0.86	2.5	59.2
29590	Core	4.64	25.52	1.21	2.3	0.08	2.11	19.5	244.5	1.30	461	0.58	0.77	1.7	51.8
29591	Core	5.83	19.86	0.95	1.6	0.08	1.99	15.4	208.2	2.00	1155	0.83	0.73	1.0	60.0
29592	Core	4.75	25.64	1.15	2.4	0.08	2.64	14.6	71.4	1.22	581	1.74	0.93	1.7	55.0
29593	Core	4.93	21.43	1.24	2.2	0.07	2.26	16.2	100.1	1.44	613	1.56	0.78	2.0	56.9
29594	Pulp	1.26	6.62	0.27	2.2	0.07	1.43	18.9	9.9	0.79	238	12.69	<0.01	7.9	73.4
29595	Core	4.68	20.03	1.30	2.1	0.07	2.11	17.4	90.8	1.44	620	1.47	0.71	2.1	51.0
29596	Core	4.83	20.56	1.09	2.2	0.07	2.16	13.0	58.5	1.67	996	1.16	0.70	1.8	51.3
29597	Core	4.59	23.95	1.27	2.1	0.08	2.42	23.8	75.8	1.39	526	1.56	0.77	2.0	53.5
29598	Core	4.16	25.15	1.28	2.8	0.08	2.66	11.9	83.0	1.42	441	0.76	0.91	2.7	43.8
29599	Core	4.61	29.73	1.79	2.3	0.09	2.27	11.8	87.0	1.42	407	0.86	1.02	1.8	56.2
29600	Core	4.66	26.37	1.49	2.4	0.08	2.69	10.1	85.3	1.34	372	0.96	0.96	1.3	56.2
29601	Core	4.12	28.02	1.51	2.3	0.09	2.82	12.8	86.6	1.40	402	0.65	0.94	1.8	47.5
29602	Core	4.01	21.05	0.87	2.2	0.07	2.32	14.2	61.6	1.15	664	2.19	0.85	2.4	49.8
29603	Core	3.17	15.83	0.60	1.7	0.06	1.73	21.0	49.2	0.96	1054	0.81	0.54	1.8	35.9

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Certificate of Analysis

11-360-08549-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29604	Core	4.38	21.48	1.16	2.2	0.07	2.24	29.4	85.7	1.47	1079	0.22	0.69	2.0	45.8
29605	Core	4.75	24.98	1.27	2.2	0.08	2.55	28.4	99.9	1.52	805	0.33	0.82	1.4	54.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29564	Core	456	13.7	164.0	0.003	0.035	0.69	16.3	1.1	2.3	162.6	0.46	<0.05	13.8	0.055
29565	Core	717	56.4	92.9	0.007	0.425	2.62	11.6	1.3	1.4	363.4	0.16	<0.05	8.0	0.042
29566	Core	434	22.0	109.3	0.005	0.358	3.18	10.9	1.6	1.6	252.0	0.20	<0.05	9.2	0.057
29567	Core	377	17.2	201.1	0.009	0.101	1.25	18.1	1.5	2.6	182.1	0.14	<0.05	12.0	0.045
29568	Core	170	36.8	147.5	0.007	0.589	5.76	12.1	1.8	2.0	155.2	0.13	<0.05	8.3	0.050
29569	Core	331	50.7	140.5	0.007	0.803	6.65	14.6	2.4	2.0	232.1	0.15	<0.05	8.3	0.055
29570	Core	287	33.4	160.7	0.006	0.395	3.96	15.3	2.2	2.2	239.4	0.14	<0.05	9.4	0.051
29571	Core	524	19.7	133.0	0.007	0.156	2.24	14.8	<1.0	1.9	190.7	0.12	<0.05	10.3	0.039
29572	Core	300	19.9	138.4	0.004	0.175	2.18	16.2	1.6	2.5	246.8	0.12	<0.05	10.8	0.037
29573	Core	427	24.5	140.6	0.005	0.220	2.19	16.2	1.0	2.7	212.9	0.13	<0.05	13.7	0.049
29574	Core	441	23.0	149.4	0.008	0.232	2.15	15.7	<1.0	2.7	193.1	0.11	<0.05	13.1	0.046
29575	Core	526	23.9	151.1	0.010	0.132	1.61	15.7	1.0	2.3	157.7	0.13	<0.05	14.7	0.053
29576	Core	931	24.5	168.4	0.006	0.064	1.36	17.5	1.7	2.5	220.4	0.14	<0.05	16.1	0.068
29577	Core	453	22.4	171.3	0.003	0.081	0.65	17.9	1.6	2.2	205.7	0.14	<0.05	13.6	0.063
29578	Core	374	13.9	171.6	0.007	0.059	0.40	17.4	1.8	2.3	221.0	0.13	<0.05	15.0	0.051
29579	Core	517	31.2	162.2	0.012	0.114	0.67	18.1	1.5	2.3	209.9	0.16	<0.05	16.2	0.068
29580	Core	467	20.2	139.4	0.006	0.104	0.75	17.5	1.3	2.4	221.5	0.21	<0.05	17.9	0.086
29581	Core	300	15.6	168.3	0.009	0.054	0.62	17.7	1.3	2.3	219.4	0.18	<0.05	15.5	0.080
29582	Core	912	40.3	159.5	0.006	0.178	1.74	17.7	1.7	2.3	193.7	0.18	<0.05	15.0	0.078
29583	Core	278	16.0	180.1	0.005	0.112	1.71	18.0	1.2	2.5	209.2	0.16	<0.05	14.5	0.066
29584	Core	460	21.6	180.2	0.005	0.088	1.09	19.9	1.6	2.6	216.5	0.16	<0.05	14.9	0.066
29585	Core	967	13.3	185.3	0.004	0.070	0.86	19.4	1.4	2.4	218.6	0.16	<0.05	16.8	0.067
29586	Core	591	19.5	171.1	0.006	0.107	1.00	18.1	<1.0	2.2	201.5	0.17	<0.05	16.0	0.081
29587	Core	327	18.5	153.0	0.005	0.102	1.17	16.7	1.6	2.2	192.9	0.19	<0.05	15.2	0.070
29588	Core	627	26.2	145.2	0.006	0.147	0.61	17.8	1.1	2.0	212.4	0.13	<0.05	12.3	0.059
29589	Core	514	19.4	149.2	0.005	0.120	0.40	18.8	<1.0	2.2	203.3	0.16	<0.05	16.4	0.076
29590	Core	291	25.7	141.0	0.005	0.689	0.82	18.4	1.6	2.4	206.6	0.13	<0.05	13.8	0.052
29591	Core	847	40.6	126.0	0.009	3.290	3.37	15.3	2.6	1.8	243.3	0.08	<0.05	9.9	0.034
29592	Core	164	45.0	169.1	0.009	2.269	5.03	18.5	2.8	2.1	217.9	0.13	<0.05	13.4	0.057
29593	Core	167	39.7	146.4	0.004	2.261	4.15	16.1	2.3	2.1	210.0	0.15	<0.05	12.4	0.063
29594	Pulp	4180	5.9	125.4	0.043	1.393	18.52	6.4	11.6	1.8	116.5	0.42	0.06	6.3	0.184
29595	Core	179	38.7	137.1	0.013	2.019	3.68	14.7	1.8	2.0	198.0	0.15	<0.05	12.2	0.067
29596	Core	205	47.8	138.5	0.007	1.908	3.54	15.3	1.6	1.8	195.5	0.13	<0.05	11.5	0.059
29597	Core	226	41.2	152.1	0.003	1.895	2.35	16.5	2.5	2.0	201.5	0.14	<0.05	12.5	0.068
29598	Core	203	19.9	164.8	0.009	0.745	0.92	18.6	1.3	2.4	210.9	0.28	<0.05	13.2	0.042
29599	Core	231	30.3	149.1	0.007	1.500	1.72	20.9	1.5	2.5	235.8	0.18	<0.05	12.6	0.046
29600	Core	200	39.0	172.0	0.010	1.990	2.28	18.5	1.5	2.3	217.4	0.13	<0.05	12.9	0.037
29601	Core	355	18.6	182.6	0.007	0.806	0.76	18.9	2.3	2.4	234.1	0.13	<0.05	12.4	0.043
29602	Core	186	49.0	142.6	0.011	2.130	2.79	17.1	2.5	2.1	256.4	0.16	<0.05	11.0	0.066
29603	Core	345	30.3	107.6	0.005	0.966	1.49	12.6	2.4	1.8	297.0	0.16	<0.05	9.5	0.048

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11-360-08549-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29604	Core	276	24.4	136.6	0.010	0.040	0.16	16.6	2.1	2.0	204.3	0.13	<0.05	13.0	0.053
29605	Core	376	28.1	154.9	0.006	0.094	0.25	17.9	1.9	3.3	207.9	0.11	<0.05	14.2	0.046

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29564	Core	1.11	3.7	144	0.9	6.7	109	74.4
29565	Core	0.66	3.2	99	1.1	17.6	92	50.8
29566	Core	0.79	3.0	99	0.7	9.9	75	54.1
29567	Core	1.33	3.8	164	0.6	7.3	103	74.1
29568	Core	0.90	2.7	125	0.3	6.4	79	62.0
29569	Core	0.83	3.4	123	0.3	9.2	93	68.4
29570	Core	1.01	3.3	129	0.3	7.3	102	66.7
29571	Core	0.94	3.2	129	0.3	7.9	97	54.4
29572	Core	0.81	2.8	139	0.4	8.7	107	59.3
29573	Core	0.93	3.9	141	0.4	7.8	108	75.4
29574	Core	0.99	3.9	144	0.4	7.8	109	79.4
29575	Core	1.00	4.2	141	2.2	7.8	114	93.4
29576	Core	1.08	4.4	140	0.6	8.2	124	94.5
29577	Core	1.01	4.5	136	0.4	6.4	121	85.0
29578	Core	1.12	4.8	157	0.6	5.8	117	76.0
29579	Core	0.99	4.9	148	38.8	7.6	118	93.0
29580	Core	1.10	5.4	152	48.6	6.8	117	89.2
29581	Core	1.06	4.7	156	11.2	5.7	124	84.3
29582	Core	1.00	4.7	149	69.4	6.9	125	89.4
29583	Core	1.00	4.3	152	22.7	5.7	121	85.8
29584	Core	1.01	4.9	158	6.2	6.4	130	90.4
29585	Core	1.04	4.7	156	0.6	7.6	127	93.9
29586	Core	1.00	4.5	151	1.7	7.5	120	89.1
29587	Core	0.94	4.6	147	1.0	6.1	122	80.8
29588	Core	0.79	3.8	133	0.5	9.0	103	79.8
29589	Core	0.92	4.7	151	0.4	7.9	128	92.5
29590	Core	0.84	4.4	137	0.6	7.6	121	72.3
29591	Core	0.76	3.2	131	0.3	13.6	88	55.5
29592	Core	1.04	4.2	144	0.6	6.7	110	84.2
29593	Core	0.92	4.0	133	0.7	6.7	101	70.3
29594	Pulp	16.24	8.8	392	35.3	26.5	259	79.3
29595	Core	0.90	4.0	129	0.6	6.8	96	69.2
29596	Core	0.96	3.9	135	0.3	6.9	92	70.5
29597	Core	0.92	3.9	138	0.3	7.6	104	72.8
29598	Core	1.01	3.9	149	0.3	5.9	124	74.1
29599	Core	1.00	4.2	160	0.2	6.6	120	84.8
29600	Core	1.07	4.1	145	0.2	5.5	117	74.6
29601	Core	1.10	4.0	151	0.3	6.9	114	76.8
29602	Core	0.85	3.8	129	0.3	7.6	92	74.1
29603	Core	0.70	3.1	94	0.3	11.1	70	59.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29604	Core	0.86	3.7	135	0.4	8.5	105	73.8
29605	Core	0.93	3.8	151	0.3	8.0	118	79.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29564	Core		0.21	>10	35.5	544	2.66	0.42	0.46	<0.02	43.48	23.2	130	6.58	48.4
29564 Dup			0.14	>10	33.7	530	3.41	0.37	0.47	0.04	48.40	22.5	129	6.65	46.5
QCV1111-02712-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.69	7.56	6.8	436	2.65	2.59	0.44	0.05	99.83	16.6		6.97	2258.6
29582	Core		5.46	>10	18.5	587	3.11	0.72	0.23	0.09	60.90	24.5	100	8.99	83.9
29582 Dup			5.30	>10	17.5	583	2.70	0.71	0.23	0.07	57.88	23.3	98	9.08	84.0
QCV1111-02712-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	7.78	7.5	441	2.88	2.61	0.44	0.03	96.58	16.6		6.78	2344.5
29600	Core		0.24	>10	29.7	630	3.28	0.54	0.88	0.07	20.86	25.8	83	10.13	63.8
29600 Dup			0.20	>10	27.3	632	3.00	0.55	0.90	0.05	39.22	26.0	87	10.06	67.4
QCV1111-02712-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.69	7.1	454	2.52	2.78	0.45	0.06	100.92	17.2		7.02	2310.4
29564	Core	0.007													
29564 Dup		0.006													
29582	Core	0.006													
29582 Dup		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.178													
QCV1111-02714-0004-BLK		0.007													
29600	Core	0.006													
29600 Dup		0.006													
QCV1111-02714-0006-BLK		0.008													

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Northern Tiger Resources
#220 17010 103rd Ave
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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29564	Core	4.55	24.01	1.67	3.9	0.08	3.20	24.7	102.5	1.23	416	0.28	0.67	3.6	51.3
29564 Dup		4.62	23.98	1.85	2.6	0.08	2.50	22.7	104.7	1.24	422	0.26	0.68	2.0	51.6
QCV1111-02712-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.11	17.40		4.0	0.34	2.85	45.8	25.6	1.56		0.35	0.49	14.5	40.1
29582	Core	5.09	25.84	1.42	2.4	0.08	2.69	23.1	105.7	1.31	392	0.40	0.90	2.6	55.5
29582 Dup		5.00	25.58	1.46	2.4	0.08	2.66	22.1	101.0	1.29	382	0.45	0.88	2.4	54.5
QCV1111-02712-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.19	18.51		3.7	0.33	2.50	45.4	25.0	1.63		0.38	0.50	13.9	42.6
29600	Core	4.66	26.37	1.49	2.4	0.08	2.69	10.1	85.3	1.34	372	0.96	0.96	1.3	56.2
29600 Dup		4.84	27.62	1.26	2.4	0.08	2.11	17.2	83.0	1.39	390	0.99	0.99	1.4	56.2
QCV1111-02712-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.17	18.60		3.7	0.34	2.90	44.0	25.1	1.59		0.33	0.50	13.7	43.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29564	Core	456	13.7	164.0	0.003	0.035	0.69	16.3	1.1	2.3	162.6	0.46	<0.05	13.8	0.055
29564 Dup		460	12.0	123.8	0.007	0.035	0.69	16.8	<1.0	2.3	165.0	0.20	<0.05	10.0	0.053
QCV1111-02712-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		685	9.8	204.8	0.005	0.271	1.20	13.6	4.1	10.6	33.5	0.87	<0.05	17.1	
29582	Core	912	40.3	159.5	0.006	0.178	1.74	17.7	1.7	2.3	193.7	0.18	<0.05	15.0	0.078
29582 Dup		905	37.1	159.1	0.005	0.177	1.72	17.4	2.0	2.3	192.5	0.17	<0.05	14.9	0.076
QCV1111-02712-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		697	10.3	178.7	0.005	0.288	1.08	13.6	4.5	10.4	35.2	0.88	<0.05	17.9	
29600	Core	200	39.0	172.0	0.010	1.990	2.28	18.5	1.5	2.3	217.4	0.13	<0.05	12.9	0.037
29600 Dup		214	36.8	132.0	0.009	2.038	2.23	19.1	1.5	2.2	224.4	0.12	<0.05	13.7	0.043
QCV1111-02712-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		688	11.0	208.2	0.003	0.297	1.05	13.9	3.9	10.6	34.1	0.86	<0.05	18.7	

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-08549-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29564	Core	1.11	3.7	144	0.9	6.7	109	74.4
29564 Dup		1.02	3.4	145	0.7	6.8	109	75.1
QCV1111-02712-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.12	3.5		2.4	25.9	84	128.1
29582	Core	1.00	4.7	149	69.4	6.9	125	89.4
29582 Dup		0.99	4.6	147	77.3	7.0	123	91.7
QCV1111-02712-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.07	3.7		2.3	25.5	86	123.1
29600	Core	1.07	4.1	145	0.2	5.5	117	74.6
29600 Dup		1.07	4.1	151	0.2	6.0	118	77.7
QCV1111-02712-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.12	3.6		2.3	24.9	86	118.6

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3Ace Property, Northern Tiger Resources Inc.
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11-360-08550-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core85**
Client Reference: **Core 85**
Description: **3 ACE**

Date Received: 11/28/2011
Date Completed: 12/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	53	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29506	Core	0.161	0.45	2.14	1426.6	71	0.69	0.10	0.10	0.75	15.61	2.7	191	0.97	11.4
29507	Core	0.049	0.20	2.37	605.3	60	0.43	0.09	0.13	0.15	19.15	3.3	181	0.94	18.8
29508	Core	0.070	0.16	2.19	356.1	52	0.45	0.06	0.30	0.12	17.45	3.3	219	0.89	18.0
29509	Core	0.023	0.14	2.09	1405.7	53	0.48	0.04	0.18	0.08	18.12	2.9	190	0.81	17.6
29510	Core	0.030	0.23	2.26	581.5	73	0.57	0.10	0.12	0.36	15.11	2.5	180	1.06	10.5
29511	Core	0.020	0.09	2.21	120.9	70	0.43	0.14	0.25	0.09	11.72	4.3	165	1.13	11.8
29512	Core	<0.005	0.09	2.66	64.5	88	0.47	0.06	0.13	0.54	14.82	3.7	164	1.19	18.9
29513	Core	0.011	0.37	2.41	121.2	89	0.47	0.06	0.12	3.85	17.01	3.8	161	1.23	44.0
29514	Core	0.083	0.40	2.48	524.6	77	0.69	0.05	0.07	0.67	20.90	4.5	203	1.14	25.7
29515	Core	0.023	0.17	2.28	1110.2	52	0.47	0.04	0.56	0.05	19.05	2.8	146	0.76	13.9
29516	Core	0.017	0.50	2.33	2659.4	51	0.44	0.09	0.29	0.16	14.94	3.2	194	0.77	15.4
29517	Core	0.018	0.23	1.73	787.5	36	0.53	0.04	0.05	0.17	12.34	3.6	215	0.54	16.5
29518	Core	0.037	0.19	1.92	551.6	47	0.46	0.04	0.17	0.09	15.08	3.3	220	0.74	11.4
29519	Reject	<0.005	0.34	2.57	31.1	77	0.49	0.06	0.85	<0.02	16.88	3.7	196	1.09	12.0
29520	Pulp	7.859	0.56	3.28	1025.2	163	0.80	0.64	>10	4.12	25.70	7.0	94	6.76	40.8
29521	Reject	<0.005	0.26	2.60	29.1	81	0.49	0.04	0.76	0.03	25.68	3.9	195	1.08	15.8
29522	Core	0.009	0.21	3.38	678.5	112	0.70	0.04	0.58	0.04	24.71	4.1	154	2.00	16.0
29523	Core	0.007	0.31	2.20	757.1	55	0.43	0.10	0.44	0.02	23.45	4.8	162	1.20	13.2
29524	Core	<0.005	0.22	2.46	404.5	73	0.27	0.05	1.11	0.02	22.36	3.1	171	1.21	10.5
29525	Core	<0.005	0.19	2.48	405.6	81	0.58	0.07	0.48	0.52	13.71	5.8	207	1.24	9.5
29526	Core	0.016	1.37	2.82	233.1	134	0.97	0.34	0.04	0.15	11.73	4.2	193	2.03	10.8
29527	Core	0.012	0.33	6.24	196.1	328	1.95	0.16	0.10	1.13	30.34	5.3	213	3.58	28.7
29528	Core	<0.005	0.17	2.35	373.6	70	0.53	0.29	0.33	0.10	15.98	2.6	211	1.05	6.5
29529	Core	0.389	0.43	1.17	183.9	40	0.25	0.04	0.44	1.07	12.32	2.2	187	0.57	7.1
29530	Core	0.019	0.41	2.45	118.4	94	0.56	0.04	0.15	0.90	21.74	3.5	210	1.33	12.2
29531	Core	0.013	0.42	2.95	110.9	118	0.58	0.07	0.17	0.81	18.92	4.2	209	1.65	16.3
29532	Core	<0.005	0.34	2.18	55.4	73	0.38	0.04	0.29	0.08	19.50	2.9	214	0.99	20.3
29533	Core	<0.005	0.36	2.61	97.2	86	0.39	0.11	0.06	0.07	22.06	4.1	189	1.15	12.8
29534	Core	<0.005	0.20	2.86	68.9	86	0.58	0.12	0.26	0.14	19.65	4.3	217	1.20	15.8
29535	Core	<0.005	0.39	2.76	143.2	86	0.37	0.05	0.08	0.15	24.31	4.1	206	1.31	10.5
29536	Core	0.232	0.19	1.90	119.6	51	0.25	0.04	0.04	0.11	14.35	2.8	209	0.93	7.3
29537	Core	<0.005	0.26	2.45	84.4	85	0.58	0.03	0.05	0.08	20.63	3.4	195	1.14	6.6
29538	Core	<0.005	0.38	2.41	69.3	68	0.24	0.05	0.16	0.05	22.91	4.3	198	1.02	11.0
29540	Core	<0.005	0.23	2.51	24.9	70	0.42	0.10	0.54	<0.02	22.55	4.3	205	0.90	11.5
29541	Core	0.092	0.15	2.76	5.9	89	0.52	0.05	0.46	<0.02	36.29	4.1	120	1.07	14.1
29542	Core	0.046	0.07	3.20	49.9	109	0.58	0.06	0.27	<0.02	41.63	4.6	133	1.35	11.9
29543	Core	0.011	0.10	3.32	21.9	117	0.57	0.07	0.91	<0.02	40.09	4.8	137	1.77	15.7
29544	Core	<0.005	0.06	3.40	28.9	110	0.81	0.09	0.79	<0.02	34.83	6.4	196	1.74	16.6
29545	Core	0.026	0.06	4.77	30.7	194	1.21	0.14	0.60	<0.02	32.99	6.2	176	2.31	15.8
29546	Core	0.033	0.31	2.95	30.0	84	0.64	0.07	0.89	<0.02	34.33	5.5	178	1.22	13.2

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29547	Core	<0.005	0.15	>10	64.5	546	3.39	0.47	0.30	0.12	59.52	17.8	145	5.50	46.0
29548	Core	0.063	0.18	8.11	21.9	346	2.31	0.26	0.26	0.06	60.73	13.4	136	3.28	33.8
29549	Core	0.053	1.46	5.77	211.7	314	1.61	0.30	>10	0.15	49.18	11.9	77	3.06	28.1
29550	Core	0.033	0.34	8.70	211.6	527	3.34	0.45	6.05	0.10	58.61	16.6	73	5.79	39.6
29551	Core	0.035	1.15	7.84	148.1	506	2.95	0.17	5.88	0.15	90.18	44.4	123	2.96	54.3
29552	Core	0.034	0.20	>10	418.5	724	4.72	0.44	2.96	0.08	42.25	24.5	104	8.14	21.9
29553	Core	0.034	0.29	7.56	88.9	490	2.17	0.52	6.38	0.08	37.95	56.6	54	4.43	35.9
29554	Core	0.006	0.12	>10	28.7	581	2.87	0.36	2.16	0.06	47.01	18.5	77	4.48	44.1
29555	Core	<0.005	0.10	>10	19.8	578	2.86	0.52	2.17	0.05	76.01	15.7	69	5.83	54.8
29556	Core	0.022	0.14	>10	37.0	600	3.45	0.58	2.10	0.04	50.67	20.0	80	5.59	51.0
29557	Reject	0.006	0.10	>10	41.2	513	2.46	0.50	2.81	0.07	43.08	19.0	76	5.01	45.2
29558	Core	<0.005	0.13	0.08	1.0	20	<0.05	0.03	>10	0.07	1.54	1.3	7	0.24	5.1
29559	Reject	<0.005	0.08	>10	19.6	511	2.93	0.12	5.11	0.06	86.73	16.4	74	5.08	49.8
29560	Core	<0.005	0.06	>10	36.6	450	3.31	0.56	3.99	0.11	66.99	20.2	90	4.95	45.2
29561	Core	<0.005	0.07	>10	9.1	490	3.53	0.26	0.37	0.02	111.49	17.5	89	5.56	51.8
29562	Core	<0.005	0.09	>10	28.3	476	3.10	0.70	0.47	0.05	78.39	19.7	115	6.01	45.0
29563	Core	<0.005	0.12	>10	47.4	542	3.46	1.21	0.35	0.06	82.78	27.2	90	6.58	64.6
29539	Core	0.012	0.05	2.92	52.8	90	0.52	0.11	0.29	<0.02	31.28	5.0	169	1.23	14.1

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3Ace Property, Northern Tiger Resources Inc.

Vol 9-479

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29506	Core	0.94	5.46	1.14	1.0	0.09	0.52	6.8	12.8	0.08	203	0.53	0.67	0.7	8.7
29507	Core	0.97	5.69	1.00	1.1	0.01	0.45	9.7	11.0	0.10	203	0.56	0.90	0.8	11.1
29508	Core	1.13	5.13	0.62	1.0	0.01	0.39	9.3	13.5	0.18	276	0.46	0.81	0.5	10.7
29509	Core	0.81	5.04	1.07	1.1	<0.01	0.36	9.4	11.2	0.06	224	0.63	0.88	0.7	9.2
29510	Core	0.75	5.11	0.89	1.1	0.02	0.76	8.0	6.4	0.10	364	0.47	0.39	0.8	7.0
29511	Core	0.91	5.35	0.85	1.4	0.01	0.68	6.3	8.9	0.15	351	0.40	0.43	0.6	8.7
29512	Core	1.03	6.71	0.79	1.5	0.01	0.76	7.8	8.3	0.16	226	0.41	0.42	0.8	10.4
29513	Core	0.92	5.99	0.92	1.5	0.05	0.85	8.7	7.3	0.13	370	0.51	0.27	0.8	9.5
29514	Core	1.10	6.19	1.11	1.4	0.03	0.70	11.5	14.9	0.08	386	0.55	0.60	0.9	12.0
29515	Core	0.96	5.19	0.94	1.1	0.02	0.37	10.2	10.2	0.20	326	0.46	1.08	0.7	8.1
29516	Core	1.01	5.03	0.94	1.1	0.01	0.37	8.0	7.1	0.10	313	0.50	0.98	0.7	10.0
29517	Core	0.86	3.63	1.04	0.7	<0.01	0.28	6.4	6.6	0.05	274	0.71	0.73	0.5	10.9
29518	Core	1.06	4.35	1.04	0.8	0.01	0.36	7.4	22.2	0.13	247	0.56	0.69	0.6	10.6
29519	Reject	1.31	6.40	0.70	1.2	0.02	0.54	8.8	7.9	0.33	446	0.45	0.89	0.8	10.9
29520	Pulp	1.28	7.45	0.23	1.9	0.07	1.41	17.0	10.0	0.77	259	11.90	<0.01	7.2	68.0
29521	Reject	1.32	5.98	0.84	1.2	0.01	0.54	13.2	8.1	0.32	420	0.46	0.92	1.0	10.7
29522	Core	1.49	8.62	0.85	1.3	0.02	0.75	13.1	28.3	0.28	360	0.48	1.02	1.1	12.3
29523	Core	1.12	5.04	0.91	1.3	0.01	0.38	12.7	31.0	0.10	364	0.55	0.74	0.9	10.7
29524	Core	1.14	5.32	0.71	1.3	0.01	0.57	12.2	12.7	0.23	611	0.56	0.75	1.0	8.9
29525	Core	1.29	5.26	0.91	0.9	0.01	0.62	7.7	28.1	0.08	611	0.71	0.59	0.6	11.8
29526	Core	1.21	7.83	1.33	1.0	0.02	1.06	7.1	23.1	0.07	46	1.32	0.22	0.9	7.7
29527	Core	1.23	15.55	1.31	3.1	0.07	2.49	17.1	35.9	0.16	193	0.49	0.29	2.0	12.1
29528	Core	0.80	5.13	0.95	1.1	0.01	0.52	8.6	37.5	0.08	245	0.76	0.65	1.0	8.5
29529	Core	0.75	2.81	1.11	0.8	0.02	0.37	6.8	7.4	0.13	409	0.50	0.17	0.6	5.7
29530	Core	0.82	5.87	0.93	1.4	0.02	0.89	11.0	9.7	0.08	383	0.59	0.23	0.9	8.9
29531	Core	1.03	6.92	0.93	1.8	0.03	1.09	9.7	10.6	0.15	347	0.52	0.27	1.1	10.2
29532	Core	0.84	5.22	0.87	1.3	0.01	0.54	10.4	5.8	0.10	301	0.48	0.58	0.7	8.0
29533	Core	0.91	5.79	0.84	1.4	<0.01	0.64	11.4	8.1	0.11	178	0.47	0.67	0.8	9.1
29534	Core	1.19	6.08	0.95	1.5	0.01	0.71	10.3	9.1	0.17	363	0.94	0.72	1.0	10.6
29535	Core	1.05	6.22	1.02	1.4	0.01	0.65	12.6	11.8	0.10	191	0.53	0.61	1.0	9.7
29536	Core	0.77	3.92	0.99	0.9	<0.01	0.38	7.5	18.1	0.05	132	0.56	0.57	0.8	7.7
29537	Core	0.71	5.72	1.02	1.1	<0.01	0.59	10.6	18.5	0.07	215	0.52	0.71	0.8	8.3
29538	Core	1.13	5.39	0.95	1.4	<0.01	0.50	12.1	20.6	0.18	166	0.54	0.55	0.9	10.9
29540	Core	1.11	5.33	0.79	1.4	0.01	0.53	12.3	15.1	0.22	305	0.60	0.75	1.0	9.2
29541	Core	1.23	6.42	0.75	1.4	0.01	0.63	15.5	13.2	0.26	289	0.56	0.61	0.9	10.1
29542	Core	1.41	7.40	0.74	1.5	0.01	0.77	18.9	14.6	0.22	270	0.51	0.46	0.8	11.0
29543	Core	1.57	8.11	0.81	1.8	0.02	0.87	17.8	81.2	0.40	466	0.59	0.52	0.8	12.2
29544	Core	1.87	8.32	0.91	1.6	0.02	0.83	15.9	160.0	0.45	469	0.70	0.46	1.2	16.9
29545	Core	1.78	11.24	0.82	1.9	0.02	1.40	15.2	34.7	0.37	347	0.53	0.63	0.9	15.1
29546	Core	1.81	6.31	0.79	1.2	0.01	0.59	15.2	19.5	0.44	630	0.53	0.34	0.7	13.4

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29547	Core	3.63	25.01	1.33	3.0	0.07	3.83	31.2	33.5	0.64	315	0.81	0.24	2.6	36.3
29548	Core	3.82	18.13	1.13	2.5	0.04	2.51	30.3	37.0	0.73	312	0.63	0.16	2.0	33.1
29549	Core	2.75	12.41	0.63	1.6	0.05	2.07	22.2	28.5	0.93	1525	1.14	0.14	1.5	21.8
29550	Core	3.92	19.62	0.90	1.6	0.06	3.46	30.5	32.5	0.73	1450	1.80	0.21	1.9	35.5
29551	Core	6.05	20.16	1.98	5.6	0.09	1.38	42.2	45.2	1.72	1620	2.44	0.08	66.0	84.0
29552	Core	5.96	31.07	1.61	2.9	0.09	4.80	21.2	71.8	1.59	1710	0.53	0.24	3.2	51.0
29553	Core	4.21	17.51	1.42	1.8	0.06	2.39	18.8	53.1	0.93	1856	0.94	0.25	2.4	49.0
29554	Core	4.02	21.97	1.73	2.1	0.06	3.13	25.1	67.7	1.18	1143	0.27	0.53	2.1	35.4
29555	Core	4.54	25.46	1.98	2.1	0.07	2.87	37.6	95.9	1.35	1203	0.18	0.65	2.4	44.5
29556	Core	4.35	24.24	1.92	2.4	0.07	3.12	25.4	93.6	1.29	1115	0.33	0.68	3.0	40.3
29557	Reject	4.39	23.48	1.69	2.1	0.07	2.78	22.4	89.1	1.31	1298	0.52	0.58	2.1	39.1
29558	Core	0.44	0.40	<0.05	<0.1	<0.01	0.03	0.8	1.2	>10	199	<0.05	<0.01	0.3	3.4
29559	Reject	4.21	23.91	1.82	2.2	0.06	2.56	42.6	104.9	1.23	1011	0.32	0.75	3.6	44.1
29560	Core	4.81	23.99	1.70	2.5	0.07	2.49	35.3	105.8	1.50	2074	0.86	0.91	2.7	44.5
29561	Core	4.86	27.63	1.99	3.2	0.08	2.67	56.7	139.9	1.28	687	0.14	1.18	2.8	50.3
29562	Core	4.33	25.43	1.76	3.5	0.06	2.73	39.5	123.9	1.04	455	0.42	1.01	2.8	46.5
29563	Core	4.64	27.89	1.95	2.9	0.08	3.03	44.2	114.3	1.20	673	0.57	1.05	3.6	47.9
29539	Core	1.26	7.20	0.77	1.5	0.01	0.66	14.0	16.6	0.21	236	0.55	0.63	1.0	12.5

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11-360-08550-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29506	Core	96	190.9	29.3	0.004	0.160	2.12	2.2	3.3	2.1	27.4	<0.05	<0.05	5.9	0.016
29507	Core	94	16.9	23.1	0.002	0.082	1.08	2.2	5.0	1.3	31.9	0.09	<0.05	6.2	0.017
29508	Core	120	11.7	20.3	0.004	0.074	1.07	2.1	1.9	1.0	48.0	0.05	<0.05	6.2	0.013
29509	Core	64	4.5	20.9	0.003	0.096	1.62	2.1	6.9	1.1	33.0	<0.05	<0.05	6.4	0.014
29510	Core	89	50.7	40.2	0.006	0.152	1.16	1.8	5.6	5.4	20.9	0.06	<0.05	6.3	0.016
29511	Core	94	9.7	38.2	0.004	0.319	0.95	2.1	2.8	4.0	23.9	0.06	<0.05	7.6	0.016
29512	Core	82	12.3	37.7	0.007	0.275	0.75	2.8	2.9	1.5	20.5	0.07	<0.05	8.9	0.022
29513	Core	79	150.2	42.5	0.006	0.348	1.28	2.7	3.6	5.2	15.4	0.07	<0.05	7.4	0.022
29514	Core	81	42.7	37.5	0.007	0.214	1.34	3.2	<1.0	3.0	26.9	0.07	<0.05	8.3	0.023
29515	Core	75	7.1	20.2	0.003	0.138	1.12	2.6	2.9	0.8	68.9	0.05	<0.05	7.1	0.016
29516	Core	136	8.3	20.0	0.007	0.159	1.95	2.5	5.3	0.9	44.0	0.05	<0.05	6.0	0.015
29517	Core	131	13.8	14.7	0.006	0.038	0.96	1.6	4.0	0.9	27.8	<0.05	<0.05	3.8	0.011
29518	Core	221	4.9	19.1	0.003	0.119	0.88	1.8	4.4	0.8	34.5	<0.05	<0.05	4.6	0.014
29519	Reject	203	7.7	28.6	0.004	0.019	0.45	3.3	6.3	1.2	72.1	0.06	<0.05	6.5	0.021
29520	Pulp	4341	5.7	118.2	0.041	1.468	17.87	6.8	11.2	2.3	145.3	0.42	<0.05	6.2	0.185
29521	Reject	196	7.3	27.0	0.006	0.019	0.49	3.4	2.6	1.3	67.3	0.06	<0.05	6.6	0.027
29522	Core	163	4.6	39.8	0.004	0.072	0.86	4.4	3.3	1.2	62.4	0.07	<0.05	7.8	0.026
29523	Core	139	5.5	20.4	0.007	0.070	1.03	2.7	1.4	1.2	36.3	0.07	<0.05	9.2	0.020
29524	Core	138	3.8	26.4	0.003	0.061	0.80	2.2	1.1	1.0	58.8	0.09	<0.05	7.3	0.025
29525	Core	204	5.5	32.0	0.005	0.026	1.04	2.8	3.8	1.1	30.9	0.05	<0.05	6.4	0.016
29526	Core	227	49.1	55.2	0.004	0.077	2.45	3.3	7.7	3.0	55.4	<0.05	<0.05	4.7	0.022
29527	Core	462	62.6	116.4	0.003	0.072	1.43	7.2	2.6	4.7	50.6	0.29	<0.05	11.5	0.056
29528	Core	111	4.6	26.8	0.004	0.032	0.76	2.1	3.4	0.8	29.0	0.20	<0.05	5.7	0.016
29529	Core	182	73.8	18.3	0.002	0.199	1.17	1.5	4.6	1.9	27.6	<0.05	<0.05	4.0	0.013
29530	Core	144	37.8	47.6	0.006	0.126	1.31	2.3	3.9	8.5	21.0	0.10	<0.05	7.4	0.021
29531	Core	125	56.4	53.2	0.003	0.223	1.23	3.0	4.0	5.7	22.7	0.10	<0.05	8.5	0.029
29532	Core	96	3.5	27.4	0.006	<0.01	0.54	2.0	4.6	2.1	21.3	0.06	<0.05	7.1	0.018
29533	Core	101	6.0	29.7	0.004	0.019	0.58	2.4	5.6	1.4	20.5	0.07	<0.05	7.5	0.019
29534	Core	112	27.5	34.1	0.005	0.155	0.89	2.5	4.2	1.9	28.8	0.09	<0.05	8.2	0.021
29535	Core	111	8.2	32.4	0.005	0.016	0.68	2.6	3.5	1.3	22.8	0.07	<0.05	7.7	0.024
29536	Core	78	5.2	19.5	0.003	0.019	0.78	1.4	2.6	0.7	18.7	<0.05	<0.05	4.7	0.015
29537	Core	91	3.6	30.9	0.006	<0.01	0.54	2.1	3.6	1.5	23.1	0.06	<0.05	6.2	0.017
29538	Core	94	8.2	24.1	0.004	<0.01	0.50	2.6	1.9	1.1	21.7	0.07	<0.05	7.3	0.022
29540	Core	124	12.9	24.5	0.005	0.017	0.40	2.3	2.5	1.0	37.4	0.07	<0.05	7.5	0.021
29541	Core	129	3.5	30.3	0.004	0.017	0.28	2.7	<1.0	0.8	30.9	0.07	<0.05	8.5	0.022
29542	Core	133	3.1	38.4	0.005	<0.01	0.47	3.8	<1.0	1.0	27.1	0.06	<0.05	8.4	0.021
29543	Core	108	4.0	42.8	0.006	0.016	0.40	4.3	<1.0	1.0	58.4	0.05	<0.05	10.3	0.021
29544	Core	218	2.7	40.8	0.004	0.024	0.65	4.5	<1.0	1.2	64.3	0.07	<0.05	8.8	0.028
29545	Core	359	5.8	65.9	0.003	0.024	0.59	6.3	1.3	1.1	49.6	0.07	<0.05	11.5	0.028
29546	Core	130	7.0	29.5	0.003	0.020	0.43	3.6	3.3	0.8	39.2	<0.05	<0.05	7.5	0.018

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11-360-08550-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29547	Core	492	17.0	189.9	0.007	0.114	2.54	17.6	<1.0	2.5	74.0	0.19	<0.05	17.1	0.092
29548	Core	321	13.4	110.7	0.002	0.062	1.92	11.8	1.2	1.8	48.9	0.17	<0.05	14.7	0.068
29549	Core	4362	26.6	98.3	0.006	0.706	7.26	9.5	2.2	1.3	338.8	0.12	<0.05	9.2	0.048
29550	Core	212	64.8	172.0	0.004	2.440	15.24	14.4	1.8	2.0	177.4	0.14	<0.05	11.6	0.071
29551	Core	9543	21.8	65.8	0.005	1.218	7.05	20.6	3.8	2.3	390.4	3.14	<0.05	8.0	1.376
29552	Core	627	9.0	232.0	0.005	0.714	3.57	19.0	1.7	2.8	222.5	0.22	<0.05	14.3	0.113
29553	Core	220	61.3	132.9	0.003	0.824	15.38	11.6	2.2	1.8	190.9	0.15	<0.05	8.7	0.070
29554	Core	232	16.4	159.2	0.005	0.246	4.03	14.5	1.1	2.2	127.1	0.15	<0.05	10.8	0.072
29555	Core	2319	19.7	156.6	0.006	0.097	1.74	16.8	1.7	2.2	175.5	0.16	<0.05	13.7	0.072
29556	Core	576	18.8	169.4	0.008	0.212	2.55	17.1	1.3	2.3	193.3	0.20	<0.05	11.7	0.089
29557	Reject	446	14.2	151.8	0.005	0.222	2.70	15.6	1.8	2.0	187.0	0.14	<0.05	11.1	0.069
29558	Core	261	2.7	1.4	0.004	<0.01	<0.05	0.3	2.4	<0.2	53.1	0.07	<0.05	<0.2	<0.005
29559	Reject	1612	8.2	131.8	0.005	0.110	1.48	16.7	1.2	2.0	255.0	0.25	<0.05	13.0	0.104
29560	Core	563	48.6	137.6	0.003	0.258	1.83	17.5	<1.0	1.9	279.6	0.21	<0.05	14.1	0.086
29561	Core	456	6.6	134.0	0.005	0.028	0.69	19.4	1.5	2.2	251.9	0.23	<0.05	18.8	0.095
29562	Core	887	15.0	130.4	0.007	0.121	1.40	16.7	<1.0	2.2	230.1	0.41	<0.05	14.3	0.086
29563	Core	392	93.7	166.6	0.003	0.190	2.05	19.3	1.6	2.3	235.3	0.35	<0.05	15.3	0.113
29539	Core	239	5.6	34.1	0.003	0.010	0.54	3.1	1.5	1.0	27.8	0.53	<0.05	7.7	0.024

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29506	Core	0.17	1.0	22	0.8	2.5	62	35.2
29507	Core	0.14	1.1	23	0.7	2.7	33	35.2
29508	Core	0.12	1.1	23	1.1	2.8	30	30.7
29509	Core	0.10	1.1	19	0.8	2.8	16	37.7
29510	Core	0.23	1.3	21	1.0	2.5	37	34.8
29511	Core	0.23	1.3	24	0.7	2.8	17	41.5
29512	Core	0.22	1.5	31	0.4	3.3	47	48.0
29513	Core	0.23	1.4	26	0.9	3.3	174	45.6
29514	Core	0.19	1.4	26	1.2	3.8	92	48.5
29515	Core	0.10	1.2	24	0.7	3.6	17	40.1
29516	Core	0.12	1.2	21	0.7	2.6	29	31.9
29517	Core	0.08	0.7	14	0.9	2.0	34	20.9
29518	Core	0.09	0.8	20	0.7	2.5	24	26.8
29519	Reject	0.16	1.1	35	0.6	4.1	21	42.4
29520	Pulp	14.84	7.6	401	32.3	25.0	211	72.2
29521	Reject	0.17	1.0	35	0.6	4.2	22	44.4
29522	Core	0.21	1.1	40	0.8	3.7	33	43.0
29523	Core	0.13	1.2	24	1.2	3.3	23	41.2
29524	Core	0.15	1.2	27	0.6	3.6	16	38.8
29525	Core	0.21	1.0	23	0.5	3.1	66	31.0
29526	Core	0.30	1.0	30	0.7	1.9	48	35.8
29527	Core	0.70	1.9	69	1.5	4.6	103	63.6
29528	Core	0.12	1.0	21	0.7	2.4	25	37.3
29529	Core	0.10	0.7	15	0.9	2.5	96	27.6
29530	Core	0.24	1.1	24	1.4	3.3	88	47.6
29531	Core	0.32	1.3	32	1.0	3.8	96	54.6
29532	Core	0.18	1.1	22	0.6	3.0	25	36.9
29533	Core	0.16	1.3	26	0.4	2.9	24	55.4
29534	Core	0.20	1.5	29	0.5	3.2	34	49.7
29535	Core	0.18	1.2	28	0.7	3.2	41	48.0
29536	Core	0.09	0.8	16	0.7	2.0	34	30.4
29537	Core	0.16	1.1	21	0.5	2.5	28	38.9
29538	Core	0.15	1.1	29	0.5	2.7	32	45.9
29540	Core	0.14	1.2	28	0.3	4.1	23	46.2
29541	Core	0.16	1.3	33	0.1	3.7	21	48.0
29542	Core	0.20	1.3	38	0.2	4.2	25	55.6
29543	Core	0.22	1.4	45	0.2	4.9	28	58.4
29544	Core	0.23	1.4	44	0.6	4.6	28	53.3
29545	Core	0.36	2.1	61	0.3	5.5	32	72.2
29546	Core	0.14	1.2	39	0.2	4.4	35	47.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29547	Core	1.05	4.1	135	0.5	8.5	105	98.9
29548	Core	0.70	3.4	105	0.5	6.7	101	73.8
29549	Core	0.66	2.4	82	0.8	15.8	105	47.8
29550	Core	1.03	2.3	112	0.7	7.9	110	51.5
29551	Core	0.44	3.4	247	2.8	26.5	106	233.7
29552	Core	1.32	3.8	185	2.0	14.2	124	93.6
29553	Core	0.66	2.3	101	0.6	8.7	101	64.1
29554	Core	0.87	2.3	134	0.4	6.3	104	67.3
29555	Core	0.87	4.2	143	0.5	11.2	135	67.6
29556	Core	0.93	3.2	153	0.6	8.4	121	79.3
29557	Reject	0.83	3.3	140	0.5	7.1	118	68.4
29558	Core	<0.02	0.6	358	<0.1	0.8	23	0.6
29559	Reject	0.75	3.1	137	0.5	10.9	101	72.4
29560	Core	0.83	3.6	153	0.5	8.1	113	72.9
29561	Core	0.85	4.5	162	0.5	7.5	118	88.8
29562	Core	0.87	4.1	146	0.6	7.6	94	81.9
29563	Core	0.94	4.3	160	0.6	7.7	99	91.3
29539	Core	0.17	1.4	34	0.3	4.2	21	51.3

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11-360-08550-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29506	Core		0.45	2.14	1426.6	71	0.69	0.10	0.10	0.75	15.61	2.7	191	0.97	11.4
29506 Dup			0.44	2.16	1376.1	69	0.57	0.09	0.10	0.74	17.63	2.8	201	0.95	11.3
QCV1112-00243-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.74	7.61	15.8	460	2.88	2.40	0.45	0.04	100.54	16.5		7.03	2240.6
29524	Core		0.22	2.46	404.5	73	0.27	0.05	1.11	0.02	22.36	3.1	171	1.21	10.5
29524 Dup			0.22	2.42	425.4	76	0.52	0.06	1.10	0.02	19.26	3.5	190	1.22	10.7
QCV1112-00243-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.72	4.31	6705.7	223						11.2			26.8
29543	Core		0.10	3.32	21.9	117	0.57	0.07	0.91	<0.02	40.09	4.8	137	1.77	15.7
29543 Dup			0.08	3.36	23.2	118	0.80	0.07	0.92	<0.02	39.12	5.0	190	1.82	19.0
QCV1112-00243-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.50	4.39	7165.4	209						11.2			28.7
29561	Core		0.07	>10	9.1	490	3.53	0.26	0.37	0.02	111.49	17.5	89	5.56	51.8
29561 Dup			0.08	>10	10.3	509	3.46	0.22	0.37	<0.02	122.88	18.2	89	5.60	52.8
QCV1112-00243-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.66		7.4	396	2.64	2.56		0.05	90.17	15.6		6.63	2210.0
29506	Core	0.161													
29506 Dup		0.163													
29524	Core	<0.005													
29524 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.964													
QCV1112-00244-0004-BLK		<0.005													
29543	Core	0.011													
29543 Dup		0.012													
29561	Core	<0.005													
29561 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.871													
QCV1112-00244-0008-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.973													

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Certificate of Analysis

11-360-08550-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29506	Core	0.94	5.46	1.14	1.0	0.09	0.52	6.8	12.8	0.08	203	0.53	0.67	0.7	8.7
29506 Dup		0.94	5.63	1.06	1.0	0.10	0.52	9.4	8.8	0.08	204	0.50	0.67	0.8	8.7
QCV1112-00243-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.22	21.10		3.6	0.35	2.96	43.6	27.7	1.59		0.38	0.52	15.1	41.6
29524	Core	1.14	5.32	0.71	1.3	0.01	0.57	12.2	12.7	0.23	611	0.56	0.75	1.0	8.9
29524 Dup		1.13	5.32	0.61	1.2	0.02	0.57	10.3	12.7	0.23	600	0.60	0.75	0.9	9.5
QCV1112-00243-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.79	417				48.5
29543	Core	1.57	8.11	0.81	1.8	0.02	0.87	17.8	81.2	0.40	466	0.59	0.52	0.8	12.2
29543 Dup		1.59	8.55	0.74	1.7	0.02	0.89	16.9	85.3	0.41	473	0.61	0.53	1.1	14.8
QCV1112-00243-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.98	445				46.3
29561	Core	4.86	27.63	1.99	3.2	0.08	2.67	56.7	139.9	1.28	687	0.14	1.18	2.8	50.3
29561 Dup		4.90	27.71	2.01	2.6	0.07	2.79	62.5	137.3	1.26	694	0.17	1.16	3.4	53.1
QCV1112-00243-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result			18.19		3.7	0.31		42.5	25.5			0.36		14.0	36.6

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11-360-08550-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29506	Core	96	190.9	29.3	0.004	0.160	2.12	2.2	3.3	2.1	27.4	<0.05	<0.05	5.9	0.016
29506 Dup		97	195.2	29.3	0.003	0.163	2.04	2.2	4.8	2.0	27.2	0.06	<0.05	5.9	0.020
QCV1112-00243-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		718	9.8	213.3	0.008	0.300	1.20	15.6	5.5	10.9	41.7	0.91	<0.05	18.3	
29524	Core	138	3.8	26.4	0.003	0.061	0.80	2.2	1.1	1.0	58.8	0.09	<0.05	7.3	0.025
29524 Dup		134	4.0	28.0	0.005	0.062	0.77	2.5	2.9	0.8	61.3	0.08	<0.05	7.6	0.021
QCV1112-00243-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		346	13.4												
29543	Core	108	4.0	42.8	0.006	0.016	0.40	4.3	<1.0	1.0	58.4	0.05	<0.05	10.3	0.021
29543 Dup		143	4.2	40.9	<0.002	0.015	0.43	4.6	<1.0	1.0	61.0	0.07	<0.05	9.7	0.028
QCV1112-00243-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		361	11.7												
29561	Core	456	6.6	134.0	0.005	0.028	0.69	19.4	1.5	2.2	251.9	0.23	<0.05	18.8	0.095
29561 Dup		463	6.8	144.8	0.004	0.029	0.68	19.8	1.4	2.2	251.2	0.21	<0.05	15.9	0.105
QCV1112-00243-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result			9.5	201.1	0.006	0.245	1.08	13.1	4.0	10.2	35.7	1.00	<0.05	16.9	

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Certificate of Analysis

11-360-08550-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29506	Core	0.17	1.0	22	0.8	2.5	62	35.2
29506 Dup		0.14	1.0	22	0.9	2.6	67	36.3
QCV1112-00243-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.01	3.3		2.2	25.7	95	129.6
29524	Core	0.15	1.2	27	0.6	3.6	16	38.8
29524 Dup		0.17	1.2	27	0.6	3.7	16	38.8
QCV1112-00243-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.68					196	
29543	Core	0.22	1.4	45	0.2	4.9	28	58.4
29543 Dup		0.21	1.4	45	0.3	5.2	31	66.9
QCV1112-00243-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		21.12					202	
29561	Core	0.85	4.5	162	0.5	7.5	118	88.8
29561 Dup		0.75	3.7	163	0.4	8.0	118	92.5
QCV1112-00243-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.99	3.5			24.9	88	120.8

3Ace Property, Northern Tiger Resources Inc.
Vol 9-488
Buchanan et al., 2011

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 10: Appendix F (Cont.): Drill Core Certificates of Analysis

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)

Certificates of Analysis

Drill Core (Cont.)

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Certificate of Analysis

11-360-08557-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
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Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 86**
Client Reference: **Core 86**
Description: **3 ACE**

Date Received: 11/28/2011
Date Completed: 12/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	41	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

INSPECTORATE
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Certificate of Analysis

11-360-08557-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 10-3

Buchanan et al., 2011

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32998	Core	0.099	<0.01	9.36	106.8	605	2.57	0.24	0.29	0.10	16.36	15.9	115	7.80	47.6
32999	Core	0.032	<0.01	6.56	80.9	384	2.02	0.19	0.42	0.06	20.94	13.0	135	5.54	34.0
33000	Core	0.098	<0.01	3.63	396.1	187	1.33	0.12	0.04	0.18	21.84	5.8	174	2.80	26.8
33001	Core	0.188	0.06	1.08	1062.2	34	0.30	0.05	0.02	0.18	13.60	2.2	245	0.62	10.3
33002	Core	0.065	0.17	1.45	655.9	23	0.30	0.29	0.03	2.69	11.33	1.9	203	0.65	11.9
33003	Core	0.018	<0.01	1.49	30.4	42	0.39	0.06	0.06	0.02	23.75	2.5	186	0.83	7.6
33004	Core	<0.005	0.08	0.06	<0.2	17	0.07	0.03	>10	0.04	1.25	1.7	7	0.16	4.6
33005	Pulp	7.346	0.35	3.20	887.2	174	0.82	0.60	>10	4.17	28.41	8.0	87	7.64	43.6
33006	Core	0.039	0.06	>10	104.2	840	4.23	0.37	0.20	0.06	36.98	22.2	131	10.13	65.5
33007	Core	0.037	0.63	>10	98.6	656	3.74	0.29	0.14	0.04	41.07	18.1	147	8.12	53.5
33008	Core	0.028	<0.01	1.11	57.3	35	0.30	0.07	0.03	0.03	17.83	2.3	145	0.96	10.9
33009	Core	0.024	<0.01	2.13	31.5	123	0.56	0.09	0.03	<0.02	28.31	5.6	236	1.80	8.1
33010	Core	0.007	<0.01	1.29	9.2	37	0.32	0.04	0.02	<0.02	24.80	1.9	182	0.91	5.5
33011	Core	0.012	<0.01	1.97	18.5	107	0.68	0.08	0.03	<0.02	23.11	4.3	184	1.57	11.8
33012	Core	0.017	<0.01	2.11	14.9	72	0.46	0.05	0.11	0.02	24.56	3.1	186	1.52	9.6
33013	Core	0.116	<0.01	3.73	108.5	216	1.13	0.09	0.58	0.19	23.18	5.5	189	4.04	28.8
33014	Core	0.054	<0.01	1.70	324.4	42	0.30	0.04	0.30	0.18	29.33	2.2	179	1.47	12.5
33015	Core	0.238	<0.01	1.26	781.5	27	0.21	0.06	0.13	0.12	24.66	2.5	171	0.78	9.5
33016	Core	0.023	<0.01	1.81	29.0	50	0.41	0.10	0.03	0.03	34.69	2.8	190	1.06	7.0
33017	Core	0.046	<0.01	1.27	82.9	31	0.52	0.04	0.04	0.12	22.54	2.1	210	0.86	10.7
33018	Core	0.266	<0.01	1.23	25.4	29	0.08	0.05	0.24	0.03	27.51	2.3	202	0.90	11.7
33019	Core	0.018	<0.01	2.48	20.7	84	0.48	0.09	0.34	0.42	27.66	4.8	197	1.41	14.0
33020	Core	0.077	0.04	>10	103.8	1071	5.03	0.57	0.13	0.19	24.11	23.5	155	11.10	62.4
33021	Core	0.118	0.04	>10	179.7	1166	5.94	0.53	0.30	0.04	27.88	22.0	155	11.82	57.6
33022	Core	0.039	0.15	0.98	513.3	30	0.20	0.45	0.02	0.99	16.80	3.4	215	0.57	15.3
33023	Core	0.015	<0.01	1.89	12.3	68	0.54	0.04	0.03	<0.02	28.31	2.9	149	1.09	7.2
33024	Core	0.021	<0.01	1.45	54.8	41	0.27	0.09	0.02	0.49	21.27	2.7	215	0.64	16.0
33025	Core	0.085	<0.01	0.88	344.3	12	0.30	0.08	0.03	0.41	17.25	3.3	237	0.28	23.5
33026	Core	0.018	<0.01	1.76	112.3	39	0.41	0.09	0.06	0.22	20.77	3.9	182	0.76	16.3
33027	Core	0.019	0.04	1.92	385.9	86	0.55	0.46	0.03	0.72	27.26	2.3	180	1.34	16.4
33028	Core	0.020	<0.01	1.04	405.0	36	0.27	0.12	0.02	0.29	19.89	1.8	258	0.65	11.8
33029	Core	0.017	<0.01	2.00	112.9	72	0.41	0.06	0.02	0.15	22.51	3.6	205	1.02	21.2
33030	Core	0.024	<0.01	0.99	254.1	17	0.10	0.05	0.02	0.24	13.12	2.2	225	0.36	13.5
33031	Core	0.019	0.29	1.23	223.3	39	0.14	0.34	0.03	1.24	23.85	3.4	197	0.88	10.0
33032	Core	0.010	<0.01	0.83	107.5	16	0.12	0.13	0.02	1.01	11.52	1.6	239	0.30	8.2
33033	Core	0.019	<0.01	>10	51.9	716	3.24	0.32	0.11	0.05	26.87	21.3	153	8.02	48.4
33034	Core	0.025	0.06	>10	57.9	744	4.76	0.35	0.12	0.05	34.37	22.3	148	9.16	57.1
33035	Core	0.022	0.27	>10	64.7	826	4.59	0.45	0.12	0.08	22.67	21.3	126	8.99	61.8
33036	Core	0.091	0.02	2.97	325.7	183	1.21	0.15	0.02	0.58	19.31	6.2	265	1.83	31.3
33037	Core	0.035	0.10	1.57	467.0	62	0.36	0.56	0.02	0.92	14.65	2.9	207	0.91	14.4

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
33038	Core	0.027	0.05	1.54	143.6	22	0.13	0.23	0.04	3.57	15.42	1.9	194	0.49	11.7
33039	Core	0.018	<0.01	1.08	140.9	7	0.12	0.22	0.02	0.37	10.51	1.6	226	0.21	6.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32998	Core	3.99	22.85	1.01	2.3	0.06	3.26	7.9	30.0	0.69	448	0.39	0.18	1.4	37.9
32999	Core	3.12	16.18	0.90	2.3	0.04	2.16	9.7	20.1	0.63	526	0.39	0.11	1.6	29.7
33000	Core	1.67	10.16	1.03	1.5	0.03	0.99	9.6	30.8	0.25	232	0.42	0.05	1.1	17.3
33001	Core	0.56	2.63	<0.05	0.8	0.01	0.17	5.6	7.8	0.03	55	0.55	0.01	0.5	8.1
33002	Core	0.66	2.59	1.07	0.6	0.04	0.18	4.5	8.0	0.03	167	0.59	0.01	0.4	6.4
33003	Core	1.05	3.60	0.59	1.2	<0.01	0.24	9.0	43.2	0.12	201	0.43	0.02	0.7	7.2
33004	Core	0.41	0.40	<0.05	<0.1	<0.01	0.02	0.7	1.2	>10	187	<0.05	<0.01	0.2	2.0
33005	Pulp	1.25	7.56	0.46	2.1	0.06	1.43	15.6	11.1	0.79	240	12.00	<0.01	6.5	78.6
33006	Core	4.43	31.31	1.45	2.7	0.08	4.46	18.4	35.6	0.86	301	0.85	0.24	3.4	55.8
33007	Core	4.40	24.86	1.08	2.9	0.07	3.66	20.4	68.4	0.92	312	0.59	0.21	2.9	47.6
33008	Core	0.69	2.52	0.66	0.7	<0.01	0.20	6.8	13.9	0.08	83	0.45	0.02	1.0	6.3
33009	Core	1.05	5.22	0.86	2.6	0.01	0.54	11.7	9.3	0.12	131	0.61	0.04	1.4	11.4
33010	Core	0.74	2.65	0.72	0.9	<0.01	0.21	9.8	24.9	0.09	120	0.36	0.02	0.7	7.3
33011	Core	0.99	5.21	0.68	1.0	0.01	0.56	9.3	15.7	0.13	158	0.46	0.04	1.0	9.2
33012	Core	1.00	4.62	0.65	1.3	0.01	0.42	9.6	7.6	0.17	142	0.37	0.37	0.7	8.3
33013	Core	1.38	9.98	0.67	1.6	0.03	1.25	10.0	6.5	0.32	239	0.52	0.35	1.4	13.7
33014	Core	0.81	3.39	0.72	1.0	<0.01	0.28	11.8	4.1	0.19	166	0.46	0.55	0.7	7.4
33015	Core	0.67	2.44	0.76	0.9	<0.01	0.15	9.5	5.6	0.09	116	0.58	0.08	0.6	6.0
33016	Core	0.93	4.08	0.90	1.2	<0.01	0.24	13.6	9.5	0.13	137	0.51	0.02	0.9	7.3
33017	Core	0.69	2.63	0.82	1.0	<0.01	0.17	8.8	7.7	0.07	118	0.52	0.01	0.6	6.1
33018	Core	0.67	2.65	0.66	1.0	<0.01	0.16	10.7	8.6	0.12	133	0.66	0.06	0.5	6.5
33019	Core	1.87	5.61	0.83	1.3	0.02	0.48	11.6	33.7	0.45	250	0.98	0.52	1.1	14.4
33020	Core	4.06	35.20	1.23	3.0	0.11	5.85	12.5	24.7	0.88	223	0.71	0.33	4.1	54.4
33021	Core	3.89	40.09	1.44	3.4	0.09	5.99	13.6	31.8	0.84	293	1.09	0.34	4.1	51.5
33022	Core	0.76	2.12	1.16	0.6	0.02	0.19	6.8	4.2	0.04	80	0.63	0.01	0.6	8.9
33023	Core	0.93	4.37	0.75	1.1	<0.01	0.38	11.3	6.1	0.11	125	0.39	0.02	0.7	7.2
33024	Core	0.66	2.96	1.02	1.0	0.02	0.20	8.6	8.3	0.05	84	0.51	0.02	0.7	8.8
33025	Core	0.71	1.57	1.13	0.8	0.01	0.07	6.8	6.0	0.04	121	0.63	<0.01	0.4	8.6
33026	Core	0.94	3.15	0.86	1.1	<0.01	0.24	8.0	9.9	0.09	203	0.52	0.02	0.6	7.5
33027	Core	0.76	4.20	0.91	0.9	0.02	0.61	11.0	7.8	0.08	129	0.44	0.04	0.8	7.3
33028	Core	0.64	2.35	1.27	0.8	<0.01	0.24	8.0	4.7	0.05	112	0.54	0.01	0.7	7.8
33029	Core	0.90	4.72	1.10	1.6	0.01	0.43	9.4	7.6	0.08	133	0.48	0.03	0.8	10.5
33030	Core	0.51	1.56	1.11	0.5	<0.01	0.12	5.3	4.9	0.03	70	0.45	<0.01	0.4	7.3
33031	Core	0.58	2.84	1.01	0.9	0.02	0.26	9.0	5.9	0.04	68	0.58	0.01	0.7	8.3
33032	Core	0.67	1.54	0.90	0.5	0.02	0.10	4.4	4.8	0.05	106	0.42	<0.01	0.3	6.6
33033	Core	4.56	26.50	1.28	3.0	0.07	3.72	12.8	45.0	0.97	401	0.58	0.22	2.3	50.1
33034	Core	4.81	29.79	1.34	2.9	0.08	4.10	16.6	77.7	1.12	310	0.78	0.24	2.2	57.8
33035	Core	4.41	30.97	1.37	2.9	0.09	4.77	10.9	34.6	0.88	308	0.77	0.24	2.3	55.2
33036	Core	1.61	7.29	1.22	0.9	0.03	0.98	8.5	20.6	0.18	125	0.54	0.06	1.1	20.3
33037	Core	0.83	3.23	1.05	0.8	0.03	0.37	5.9	10.1	0.09	101	0.46	0.02	0.6	7.7

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
33038	Core	0.73	2.46	0.89	0.7	0.05	0.14	6.1	7.6	0.03	248	0.38	<0.01	0.5	7.2
33039	Core	0.52	1.46	0.97	0.4	<0.01	0.06	4.2	6.1	0.02	132	0.47	<0.01	0.4	5.8

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32998	Core	199	17.7	189.2	0.010	0.741	2.17	13.8	<1.0	2.3	105.0	0.11	<0.05	12.7	0.055
32999	Core	167	16.0	132.0	0.007	0.490	1.44	9.6	<1.0	1.7	85.5	0.13	<0.05	12.2	0.055
33000	Core	74	22.7	60.6	0.005	0.396	1.01	4.5	1.7	1.3	29.3	0.09	<0.05	8.1	0.032
33001	Core	47	26.4	10.9	0.008	0.243	1.04	0.9	<1.0	0.9	8.2	<0.05	<0.05	4.7	0.012
33002	Core	48	158.2	11.4	0.003	0.252	0.90	1.1	1.8	2.5	6.5	<0.05	<0.05	3.8	0.008
33003	Core	209	6.8	14.2	0.009	0.217	0.49	1.5	2.5	0.5	11.3	0.07	<0.05	6.5	0.017
33004	Core	185	2.0	1.0	0.007	<0.01	<0.05	0.1	3.2	<0.2	44.8	0.08	<0.05	0.2	<0.005
33005	Pulp	4061	6.3	126.2	0.049	1.147	17.25	7.0	10.0	1.8	121.4	0.41	<0.05	5.0	0.163
33006	Core	294	19.6	265.5	0.007	0.721	2.26	20.7	2.1	3.1	101.2	0.25	<0.05	12.6	0.116
33007	Core	308	24.5	201.6	0.005	0.662	1.99	16.0	1.1	2.6	96.6	0.21	<0.05	14.2	0.096
33008	Core	63	13.4	12.7	0.004	0.214	0.42	0.9	1.9	1.0	12.2	<0.05	<0.05	4.4	0.013
33009	Core	54	6.9	29.9	0.009	0.289	0.66	2.6	1.1	0.8	11.6	0.20	<0.05	8.0	0.030
33010	Core	56	4.3	13.4	0.006	0.049	0.28	1.2	2.7	0.5	9.7	0.08	<0.05	6.3	0.017
33011	Core	67	6.7	32.8	0.007	0.157	0.53	2.4	2.1	0.6	15.0	0.10	<0.05	6.3	0.025
33012	Core	59	14.1	24.3	0.005	0.153	0.36	1.9	4.2	0.9	21.1	0.09	<0.05	7.8	0.020
33013	Core	76	9.7	73.4	0.004	0.427	0.78	5.0	2.8	1.1	72.2	0.14	<0.05	10.0	0.042
33014	Core	45	35.9	15.9	0.004	0.212	0.52	1.4	2.6	1.1	36.0	0.06	<0.05	6.6	0.020
33015	Core	60	13.6	9.2	0.007	0.194	0.98	1.0	4.0	0.9	15.2	0.06	<0.05	5.2	0.014
33016	Core	77	33.5	15.5	0.008	0.115	0.52	1.9	4.9	0.6	14.2	0.07	<0.05	7.0	0.021
33017	Core	48	11.5	10.5	0.015	0.148	0.43	1.2	3.8	0.8	8.3	<0.05	<0.05	6.3	0.015
33018	Core	82	6.7	9.7	0.003	0.127	0.42	1.0	3.8	1.0	23.1	<0.05	<0.05	6.7	0.012
33019	Core	79	4.5	26.9	0.005	0.153	0.55	3.0	3.7	0.6	38.2	0.09	<0.05	7.7	0.028
33020	Core	264	29.7	313.2	0.004	1.450	4.60	24.0	3.6	3.9	113.9	0.36	<0.05	15.4	0.151
33021	Core	233	21.2	313.9	0.011	1.188	3.27	26.2	1.3	4.1	135.3	0.34	<0.05	17.4	0.157
33022	Core	38	83.9	11.6	0.007	0.381	0.92	0.9	3.5	1.6	7.1	<0.05	<0.05	4.5	0.012
33023	Core	64	4.5	21.9	0.004	0.164	0.33	1.8	2.2	0.7	8.4	0.06	<0.05	7.4	0.022
33024	Core	57	21.9	11.6	0.006	0.224	0.45	1.3	3.7	1.2	15.6	<0.05	<0.05	6.1	0.017
33025	Core	75	78.9	4.0	0.011	0.272	0.65	0.5	4.3	1.4	5.4	<0.05	<0.05	5.4	0.008
33026	Core	233	43.7	13.0	0.003	0.240	0.73	1.5	2.2	1.8	10.3	0.05	<0.05	6.9	0.015
33027	Core	66	60.0	31.4	0.005	0.301	0.59	1.6	4.2	4.0	10.8	<0.05	<0.05	6.0	0.022
33028	Core	52	22.2	12.6	0.005	0.178	0.62	0.9	5.6	1.8	4.9	<0.05	<0.05	4.9	0.016
33029	Core	36	13.0	22.0	0.004	0.312	0.56	2.3	7.0	1.2	10.3	0.06	<0.05	8.8	0.023
33030	Core	43	33.8	6.3	0.004	0.187	0.58	0.5	4.3	1.4	8.3	<0.05	<0.05	3.4	0.008
33031	Core	89	124.3	14.7	0.005	0.306	0.82	1.1	1.5	1.8	33.9	0.07	<0.05	5.2	0.015
33032	Core	42	16.9	5.0	0.007	0.144	0.37	0.4	3.2	1.0	12.0	<0.05	<0.05	2.9	0.006
33033	Core	170	23.1	190.4	0.008	0.641	1.75	16.3	<1.0	2.6	86.6	0.18	<0.05	15.0	0.086
33034	Core	219	20.4	219.6	0.006	0.589	1.78	18.4	1.5	2.9	102.5	0.18	<0.05	13.0	0.087
33035	Core	206	49.2	245.3	0.006	0.568	2.78	19.7	1.1	3.7	90.0	0.17	<0.05	12.0	0.101
33036	Core	51	22.1	49.7	0.006	0.831	0.81	4.5	1.2	2.0	23.8	0.08	<0.05	5.0	0.034
33037	Core	48	46.7	19.0	0.005	0.335	0.74	1.3	1.4	2.2	12.8	<0.05	<0.05	4.6	0.016

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Northern Tiger Resources
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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
33038	Core	100	36.2	8.1	0.004	0.163	0.42	1.0	3.0	1.3	11.4	<0.05	<0.05	4.7	0.010
33039	Core	46	25.1	2.0	0.004	0.137	0.41	0.4	3.9	0.5	4.2	<0.05	<0.05	3.0	0.006

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32998	Core	1.02	3.2	125	2.8	6.5	93	83.8
32999	Core	0.77	2.7	88	2.5	6.3	64	74.9
33000	Core	0.36	1.4	44	2.2	4.0	41	54.1
33001	Core	0.06	0.7	12	0.9	2.0	20	29.7
33002	Core	0.06	0.5	10	1.0	1.5	180	20.2
33003	Core	0.08	1.0	17	0.8	3.4	14	44.0
33004	Core	<0.02	0.5	296	0.1	0.8	17	0.6
33005	Pulp	15.50	7.3	394	37.7	27.3	255	73.8
33006	Core	1.40	3.8	164	3.3	7.1	108	106.0
33007	Core	1.12	3.5	141	3.0	7.1	97	107.1
33008	Core	0.09	0.7	13	1.0	1.6	11	23.3
33009	Core	0.19	1.3	26	1.8	3.1	15	47.1
33010	Core	0.08	0.8	13	0.7	2.4	14	31.5
33011	Core	0.19	0.9	25	0.9	2.6	18	33.6
33012	Core	0.13	1.0	23	0.6	3.4	15	49.1
33013	Core	0.46	1.6	51	1.4	4.2	34	53.0
33014	Core	0.09	0.9	19	0.8	2.9	21	37.3
33015	Core	0.05	0.9	12	0.7	2.4	14	33.5
33016	Core	0.08	1.1	20	1.0	3.1	14	44.0
33017	Core	0.06	0.9	13	0.9	2.3	19	34.1
33018	Core	0.07	0.9	15	0.6	2.6	11	34.3
33019	Core	0.16	1.4	37	0.7	3.0	93	44.6
33020	Core	1.85	3.9	194	3.9	5.7	101	101.1
33021	Core	1.98	4.5	211	5.5	7.1	77	110.5
33022	Core	0.06	0.7	10	1.6	1.7	68	26.0
33023	Core	0.15	1.1	21	0.7	2.9	16	46.0
33024	Core	0.06	1.0	13	1.0	2.4	48	38.8
33025	Core	0.03	0.8	7	0.6	2.0	32	28.6
33026	Core	0.09	1.1	16	0.8	2.7	25	40.8
33027	Core	0.16	0.8	19	0.9	2.5	55	35.3
33028	Core	0.07	0.7	11	0.9	2.0	25	28.4
33029	Core	0.15	1.4	23	1.2	3.4	22	52.5
33030	Core	0.04	0.5	7	0.6	1.3	19	20.2
33031	Core	0.11	1.0	13	0.9	2.0	76	30.2
33032	Core	0.03	0.5	8	0.4	1.2	73	14.1
33033	Core	1.15	4.0	150	1.0	6.7	100	104.0
33034	Core	1.35	4.2	164	1.5	6.2	116	96.8
33035	Core	1.41	4.2	174	2.1	5.9	108	95.1
33036	Core	0.29	1.1	40	1.2	2.3	65	31.6
33037	Core	0.13	0.8	16	1.0	2.2	71	31.8

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Certificate of Analysis

11-360-08557-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
33038	Core	0.04	0.7	11	0.6	2.1	216	26.8
33039	Core	<0.02	0.4	6	0.4	1.2	27	16.3

3Ace Property, Northern Tiger Resources Inc.
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Certificate of Analysis

11-360-08557-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
32998	Core		<0.01	9.36	106.8	605	2.57	0.24	0.29	0.10	16.36	15.9	115	7.80	47.6
32998 Dup			0.04	9.57	110.4	617	2.51	0.27	0.30	0.08	18.20	17.2	118	7.96	50.1
QCV1111-02722-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.76	8.3	447	2.78	2.45	0.45	0.03	91.55	17.5		7.40	2219.7
33016	Core		<0.01	1.81	29.0	50	0.41	0.10	0.03	0.03	34.69	2.8	190	1.06	7.0
33016 Dup			<0.01	1.43	25.3	37	0.35	0.07	0.02	0.02	25.11	2.0	155	0.75	5.3
QCV1111-02722-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.68	7.69	9.4	422	3.03	2.56	0.44	0.02	89.75	16.2		6.96	2201.7
33034	Core		0.06	>10	57.9	744	4.76	0.35	0.12	0.05	34.37	22.3	148	9.16	57.1
33034 Dup			0.03	>10	57.2	713	3.95	0.35	0.12	0.07	29.67	21.3	146	8.86	54.9
QCV1111-02722-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												5998.0
32998	Core	0.099													
32998 Dup		0.093													
33016	Core	0.023													
33016 Dup		0.032													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.873													
QCV1111-02723-0004-BLK		0.006													
33034	Core	0.025													
33034 Dup		0.030													
QCV1111-02723-0006-BLK		0.006													

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11-360-08557-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
32998	Core	3.99	22.85	1.01	2.3	0.06	3.26	7.9	30.0	0.69	448	0.39	0.18	1.4	37.9
32998 Dup		4.01	22.82	1.04	3.0	0.06	3.29	8.6	32.4	0.70	446	0.43	0.18	1.8	44.7
QCV1111-02722-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.28	19.37		3.9	0.33	2.95	41.5	27.9	1.65		0.38	0.51	14.4	42.6
33016	Core	0.93	4.08	0.90	1.2	<0.01	0.24	13.6	9.5	0.13	137	0.51	0.02	0.9	7.3
33016 Dup		0.71	3.08	0.56	0.9	<0.01	0.18	9.6	7.3	0.10	105	0.41	0.01	0.6	5.6
QCV1111-02722-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.12	18.46		3.6	0.34	2.93	42.0	26.8	1.59		0.33	0.51	13.4	40.6
33034	Core	4.81	29.79	1.34	2.9	0.08	4.10	16.6	77.7	1.12	310	0.78	0.24	2.2	57.8
33034 Dup		4.83	28.10	1.27	2.7	0.08	4.07	14.4	73.5	1.11	309	0.75	0.23	2.1	55.7
QCV1111-02722-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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11-360-08557-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
32998	Core	199	17.7	189.2	0.010	0.741	2.17	13.8	<1.0	2.3	105.0	0.11	<0.05	12.7	0.055
32998 Dup		204	19.3	192.6	0.005	0.763	2.57	13.9	<1.0	2.3	109.1	0.16	<0.05	15.0	0.072
QCV1111-02722-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		712	10.3	210.5	0.012	0.286	1.28	14.5	4.4	11.4	38.6	1.13		17.6	
33016	Core	77	33.5	15.5	0.008	0.115	0.52	1.9	4.9	0.6	14.2	0.07	<0.05	7.0	0.021
33016 Dup		60	24.0	10.9	0.006	0.091	0.37	1.3	4.5	0.5	10.3	0.05	<0.05	4.9	0.016
QCV1111-02722-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		687	10.2	198.1	0.007	0.285	1.04	13.6	4.6	10.5	35.6	0.98		16.6	
33034	Core	219	20.4	219.6	0.006	0.589	1.78	18.4	1.5	2.9	102.5	0.18	<0.05	13.0	0.087
33034 Dup		211	20.4	221.3	0.009	0.589	1.75	18.8	1.9	2.8	100.5	0.15	<0.05	12.0	0.083
QCV1111-02722-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9788.6												

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11-360-08557-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
32998	Core	1.02	3.2	125	2.8	6.5	93	83.8
32998 Dup		1.25	3.8	127	3.6	7.2	92	95.3
QCV1111-02722-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.10	3.3		2.8	28.5	88	131.7
33016	Core	0.08	1.1	20	1.0	3.1	14	44.0
33016 Dup		0.05	0.8	15	0.7	2.1	11	33.1
QCV1111-02722-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.06	3.3		2.5	26.3	87	119.1
33034	Core	1.35	4.2	164	1.5	6.2	116	96.8
33034 Dup		1.24	3.7	163	1.5	5.9	113	94.8
QCV1111-02722-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							5151	

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11-360-08638-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
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Attention: Dennis Ouellette
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Attention: Chris Buchanan
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 88**
Client Reference: **Core 88**
Description: **3 ACE**

Date Received: 11/28/2011
Date Completed: 12/19/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	50	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
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3Ace Property, Northern Tiger Resources Inc.

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Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29606	Core	<0.005	0.22	>10	10.3	546	2.94	0.75	0.59	0.05	86.61	20.3	102	8.41	69.1
29607	Core	<0.005	0.26	>10	8.9	483	2.60	0.46	1.24	0.08	74.53	20.4	90	6.94	59.8
29608	Core	<0.005	0.13	>10	8.4	502	3.57	0.53	0.33	0.04	81.70	18.5	88	7.24	66.1
29609	Core	<0.005	0.17	>10	8.4	463	2.69	0.51	1.07	0.08	65.84	19.2	90	7.35	63.1
29610	Core	<0.005	0.42	>10	9.4	523	3.49	0.48	0.39	0.05	76.38	17.4	91	7.09	55.7
29611	Core	<0.005	0.13	>10	7.4	511	3.52	0.49	0.32	0.04	88.86	18.3	90	7.21	73.0
29612	Core	0.062	0.81	1.89	478.5	76	0.45	0.06	0.11	0.57	22.31	3.5	191	1.01	9.3
29613	Core	0.017	0.24	2.12	160.0	64	0.26	0.10	0.31	0.39	22.53	3.3	150	1.01	11.6
29614	Core	0.012	0.34	2.43	238.2	75	0.51	0.07	0.06	0.09	26.25	3.2	180	1.20	11.2
29615	Core	0.213	0.23	2.10	612.5	71	0.63	0.07	0.05	0.53	29.80	3.1	121	1.15	9.3
29616	Core	0.053	0.15	2.41	354.9	71	0.65	0.10	0.25	0.09	28.22	4.1	122	1.06	15.1
29617	Core	0.038	0.15	2.65	40.3	77	0.33	0.10	0.34	<0.02	29.16	3.1	167	1.13	23.4
29618	Core	0.015	4.62	2.34	16.2	60	0.39	0.06	0.24	0.04	27.12	3.2	169	1.03	13.1
29619	Core	0.013	0.26	2.03	68.7	60	0.41	0.05	0.38	0.73	23.27	3.8	169	1.02	19.7
29620	Core	<0.005	0.49	2.36	30.1	64	0.48	0.07	0.20	0.09	30.17	2.7	139	0.95	9.8
29621	Core	0.006	0.22	3.72	300.4	128	0.92	0.09	0.21	0.34	37.53	5.1	143	1.66	20.9
29622	Core	0.005	0.35	2.54	151.4	87	0.47	0.06	0.13	0.24	27.83	4.6	203	1.52	18.5
29623	Core	<0.005	0.23	0.88	209.0	33	0.23	0.09	0.04	0.11	7.59	5.2	227	0.59	7.4
29624	Core	0.042	0.19	0.57	329.3	18	0.13	0.02	0.02	0.07	3.63	6.6	243	0.37	15.1
29625	Core	0.025	0.18	0.62	405.6	17	0.05	0.42	0.02	0.08	4.24	2.0	267	0.43	10.1
29626	Core	0.018	0.11	0.35	91.1	18	0.07	0.12	0.01	0.06	2.38	0.8	251	0.36	6.2
29627	Core	0.011	0.31	0.43	141.2	18	<0.05	0.14	0.01	0.07	3.01	1.5	248	0.33	7.7
29628	Core	0.011	0.18	2.17	92.4	65	0.56	0.04	0.07	0.09	20.52	3.6	190	1.12	5.8
29629	Core	<0.005	0.10	2.39	46.5	75	0.56	0.10	0.16	0.07	24.08	3.4	198	1.45	13.2
29630	Reject	<0.005	0.50	1.77	51.3	54	0.29	0.09	0.22	0.10	17.62	2.4	156	0.93	10.7
29631	Reject	<0.005	0.76	1.47	58.6	43	0.24	0.06	0.15	0.08	14.46	1.9	216	0.83	9.3
29632	Core	<0.005	0.19	0.04	<0.2	16	<0.05	0.03	>10	0.06	1.06	1.1	7	0.16	0.3
29633	Core	0.009	0.15	2.31	841.1	63	0.42	0.05	0.43	0.15	22.69	3.5	181	0.89	9.7
29634	Core	0.026	0.20	2.53	2266.1	81	0.42	0.06	0.21	0.17	29.18	4.5	181	1.07	9.0
29635	Core	0.005	0.29	3.01	373.9	111	0.82	0.05	0.18	0.11	36.67	3.9	188	1.42	14.5
29636	Core	<0.005	0.60	2.37	93.7	77	0.33	0.08	0.44	0.03	32.00	4.1	189	1.08	9.9
29637	Core	<0.005	0.32	2.73	63.5	78	0.51	0.07	0.61	<0.02	31.45	4.9	212	0.98	14.6
29638	Core	<0.005	0.42	2.55	54.0	55	0.34	0.14	0.44	0.05	30.59	4.8	158	0.86	10.7
29639	Core	<0.005	0.25	2.79	30.4	78	0.43	0.07	0.61	0.02	34.46	3.8	145	1.01	12.8
29640	Core	0.011	0.37	3.93	93.7	149	0.94	0.13	1.20	<0.02	30.36	8.9	191	1.60	22.5
29641	Core	0.053	0.31	7.46	351.6	490	2.59	0.41	>10	0.09	64.19	22.1	68	4.70	35.6
29642	Core	0.017	0.29	6.68	88.9	402	1.67	0.34	8.40	0.10	44.71	16.8	105	4.00	31.8
29643	Core	0.067	0.58	9.01	1188.0	876	3.72	0.16	3.99	0.10	67.32	32.9	154	10.36	59.6
29644	Core	0.010	0.60	7.24	32.5	858	2.36	0.16	8.03	0.13	75.14	36.4	118	9.92	51.7
29645	Core	<0.005	0.09	>10	72.2	775	2.74	0.46	1.45	0.04	36.92	18.0	79	5.79	54.8

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Certificate of Analysis

11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29646	Core	0.009	0.17	>10	131.0	657	2.88	0.48	1.73	0.04	35.81	19.5	97	5.24	59.0
29647	Core	0.012	0.41	9.42	58.7	552	2.96	0.48	4.79	0.11	27.80	40.1	70	6.74	58.8
29648	Core	<0.005	0.12	9.92	28.0	578	3.05	0.47	3.01	0.06	46.23	18.0	86	5.48	59.8
29649	Core	<0.005	0.27	>10	28.5	631	2.44	0.41	3.49	0.08	43.41	17.1	73	5.70	64.1
29650	Core	<0.005	0.24	>10	38.4	561	2.52	0.60	2.90	0.08	49.41	25.1	84	4.77	58.4
29651	Core	<0.005	0.19	>10	35.7	643	2.98	0.51	2.89	0.06	48.18	22.7	75	5.32	64.8
29652	Core	0.007	0.19	>10	36.5	571	2.52	0.44	4.92	0.07	44.72	22.3	82	5.54	56.0
29653	Core	<0.005	0.70	9.46	32.2	461	2.31	0.58	6.49	0.06	47.79	20.8	68	4.42	50.0
29654	Core	<0.005	0.18	>10	14.7	523	3.24	0.40	3.55	0.07	65.12	15.1	76	4.82	56.5
29655	Core	<0.005	0.19	>10	27.4	541	3.08	0.62	3.72	0.06	56.59	21.8	78	4.87	60.9
29656	Core	0.005	0.16	7.74	34.2	420	2.37	0.40	6.43	0.12	57.42	19.9	97	4.14	55.5
29657	Core	<0.005	0.23	>10	21.1	621	3.02	0.36	1.15	0.07	80.94	12.7	83	5.87	67.2

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Northern Tiger Resources
#220 17010 103rd Ave
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3Ace Property, Northern Tiger Resources Inc.

Vol 10-18

Buchanan et al., 2011

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29606	Core	4.81	28.59	1.47	2.9	0.08	2.71	42.7	114.8	1.47	357	0.47	0.88	4.1	48.3
29607	Core	5.53	28.73	1.63	3.5	0.08	2.40	33.6	117.2	1.64	680	0.43	0.85	4.5	50.1
29608	Core	4.82	29.39	1.62	3.3	0.08	2.48	38.0	110.3	1.36	310	0.43	0.89	4.3	49.8
29609	Core	4.95	26.80	1.37	3.1	0.08	2.32	31.6	114.9	1.45	607	0.44	0.79	3.9	45.7
29610	Core	5.23	27.22	1.38	3.1	0.08	2.50	35.2	120.2	1.46	364	0.43	0.87	3.5	48.1
29611	Core	4.97	29.61	1.52	3.1	0.09	2.56	42.6	116.3	1.41	314	0.38	0.91	4.2	48.5
29612	Core	0.97	4.57	1.31	1.0	0.01	0.68	10.4	3.7	0.10	337	0.47	0.25	0.8	8.8
29613	Core	1.04	4.80	1.00	2.1	0.01	0.55	10.3	7.6	0.11	524	0.47	0.57	0.8	8.0
29614	Core	0.91	5.33	1.17	1.4	0.01	0.54	12.5	15.2	0.07	222	0.52	0.74	0.9	9.9
29615	Core	0.82	5.78	1.18	1.5	0.02	0.59	13.9	8.9	0.08	320	0.52	0.39	0.9	9.1
29616	Core	0.99	5.65	1.35	1.5	0.02	0.52	13.0	16.2	0.13	296	0.56	0.84	0.9	8.3
29617	Core	0.96	6.36	0.98	1.7	0.01	0.61	14.1	10.5	0.19	232	0.61	0.82	0.9	8.6
29618	Core	1.01	5.45	1.12	1.3	<0.01	0.44	12.7	10.3	0.21	191	0.48	0.91	0.7	8.6
29619	Core	1.11	4.84	1.07	1.1	0.02	0.54	10.6	8.7	0.20	620	0.52	0.50	0.7	9.7
29620	Core	0.95	5.44	0.92	1.3	<0.01	0.51	13.3	8.6	0.18	178	0.50	0.73	1.0	8.2
29621	Core	1.41	9.51	0.97	1.6	0.02	1.03	18.0	10.9	0.20	269	0.56	0.79	1.2	13.1
29622	Core	1.15	5.96	1.08	1.3	0.01	0.55	12.7	41.1	0.11	322	0.72	0.56	0.9	13.0
29623	Core	0.80	2.03	1.46	0.4	<0.01	0.23	3.6	9.0	0.03	448	0.58	0.12	0.4	8.9
29624	Core	0.52	1.28	1.51	0.2	<0.01	0.11	1.7	12.1	0.03	180	0.50	0.04	0.3	8.9
29625	Core	0.64	1.26	1.51	0.3	<0.01	0.08	2.2	26.9	0.03	46	0.68	0.03	0.3	6.3
29626	Core	0.40	1.05	1.73	0.1	<0.01	0.08	1.2	29.7	0.01	31	0.62	0.01	0.3	4.6
29627	Core	0.47	1.08	1.44	0.2	<0.01	0.10	1.4	15.2	0.02	81	0.74	0.03	0.3	6.2
29628	Core	1.00	5.08	0.97	1.1	0.01	0.48	9.9	81.5	0.09	339	0.51	0.06	0.7	9.2
29629	Core	0.93	5.69	0.93	1.3	<0.01	0.61	11.2	55.6	0.12	191	0.51	0.37	0.8	9.5
29630	Reject	0.78	4.14	0.91	0.9	<0.01	0.38	8.1	27.2	0.10	176	0.46	0.51	0.7	7.2
29631	Reject	0.65	3.21	1.08	0.8	<0.01	0.30	6.7	21.2	0.08	122	0.57	0.44	0.6	6.7
29632	Core	0.40	0.35	<0.05	<0.1	<0.01	0.02	0.6	1.1	>10	176	<0.05	<0.01	0.2	2.3
29633	Core	1.00	5.51	1.10	1.0	0.01	0.45	10.6	11.6	0.14	321	0.59	0.86	0.8	9.1
29634	Core	1.24	6.45	1.06	1.5	0.02	0.53	13.5	15.8	0.10	357	0.48	0.79	0.8	11.5
29635	Core	1.21	7.81	1.24	1.9	0.02	0.76	17.0	13.0	0.10	373	0.76	0.65	1.1	11.7
29636	Core	1.23	5.88	0.96	1.4	0.01	0.51	14.6	25.7	0.15	356	0.55	0.60	0.8	10.7
29637	Core	1.53	6.41	0.72	1.5	0.01	0.55	14.6	11.4	0.32	354	0.68	0.87	0.9	12.9
29638	Core	1.54	5.15	<0.05	1.3	0.01	0.40	15.0	20.5	0.29	239	0.80	0.84	0.7	12.4
29639	Core	1.37	6.25	0.67	1.8	0.01	0.55	15.6	17.4	0.32	278	0.46	0.85	1.1	11.6
29640	Core	2.05	9.28	0.86	1.9	0.02	0.97	14.5	24.5	0.33	448	0.79	0.92	1.3	17.8
29641	Core	3.61	19.90	0.65	1.6	0.06	3.05	33.8	17.5	0.41	1826	1.05	0.16	2.0	36.7
29642	Core	3.08	15.85	0.72	1.5	0.05	2.68	24.3	15.8	0.54	1033	0.98	0.15	1.7	25.6
29643	Core	5.92	27.00	1.56	4.2	0.09	3.18	34.7	32.5	2.28	1142	2.15	0.79	35.4	71.8
29644	Core	6.20	20.23	1.23	4.8	0.07	2.09	39.3	31.1	2.53	1639	2.68	0.87	43.1	70.2
29645	Core	3.96	27.82	1.80	2.2	0.08	3.84	19.5	69.4	1.33	960	0.38	0.32	2.3	41.5

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29646	Core	4.33	25.83	1.68	2.0	0.07	3.41	18.6	86.7	1.38	1271	0.38	0.34	1.8	42.9
29647	Core	4.87	23.82	1.48	2.5	0.08	2.66	14.5	88.5	1.42	1563	1.72	0.43	2.3	47.9
29648	Core	4.42	27.07	1.72	1.9	0.07	2.75	25.2	102.8	1.36	1167	0.58	0.51	2.1	45.1
29649	Core	4.50	26.80	1.81	2.0	0.07	2.90	24.0	117.8	1.36	1269	0.44	0.58	1.9	45.2
29650	Core	4.97	25.44	1.58	2.2	0.08	2.81	26.7	117.9	1.47	1306	0.43	0.60	2.0	48.1
29651	Core	4.30	28.97	1.75	2.1	0.07	2.95	26.0	113.4	1.35	1075	0.31	0.65	1.9	46.5
29652	Core	4.14	29.26	1.65	2.0	0.07	2.67	24.5	115.6	1.20	888	0.41	0.76	2.2	44.6
29653	Core	4.29	23.20	1.52	2.0	0.06	2.32	25.3	109.1	1.26	1050	0.31	0.71	2.4	40.2
29654	Core	4.57	28.33	1.65	2.3	0.07	2.67	35.3	119.5	1.45	927	0.19	0.87	2.7	45.2
29655	Core	4.47	27.18	1.57	2.4	0.07	2.71	30.0	121.4	1.37	861	0.22	0.84	3.1	44.2
29656	Core	3.47	21.79	1.27	1.8	0.07	2.08	30.8	82.1	1.06	1423	0.48	0.53	2.1	37.7
29657	Core	3.67	28.35	1.57	2.8	0.08	3.02	45.3	96.7	1.16	849	0.41	0.79	2.9	42.1

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Vol 10-20

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29606	Core	496	65.2	152.3	0.005	0.112	0.37	19.7	2.5	2.8	196.0	0.26	<0.05	17.8	0.108
29607	Core	554	21.3	140.8	0.004	0.128	0.43	20.0	2.5	2.2	190.2	0.32	<0.05	18.4	0.113
29608	Core	714	26.3	146.2	0.005	0.120	0.43	20.1	2.1	2.4	185.1	0.28	<0.05	19.0	0.113
29609	Core	527	32.0	139.7	0.009	0.128	0.35	19.8	2.7	2.1	178.9	0.25	<0.05	16.7	0.094
29610	Core	733	22.7	146.5	0.006	0.117	0.38	19.3	2.9	2.1	187.0	0.24	<0.05	17.6	0.095
29611	Core	517	20.0	151.0	0.005	0.110	0.35	20.9	3.7	2.2	193.5	0.28	<0.05	18.5	0.115
29612	Core	96	25.3	36.8	0.005	0.322	1.68	2.2	1.3	5.9	19.0	0.06	<0.05	5.4	0.019
29613	Core	108	20.4	28.3	0.005	0.241	1.17	2.0	1.6	1.9	29.3	0.12	<0.05	5.7	0.017
29614	Core	122	9.8	27.1	0.003	0.050	1.18	2.3	1.7	1.0	21.4	0.12	<0.05	6.7	0.020
29615	Core	101	39.3	31.8	0.005	0.099	1.41	2.5	2.3	3.3	17.3	0.08	<0.05	7.2	0.021
29616	Core	86	5.6	25.8	0.005	0.183	1.43	2.6	1.4	0.9	38.2	0.09	<0.05	7.3	0.023
29617	Core	97	6.4	30.1	0.005	0.050	0.69	2.5	2.3	1.0	41.6	0.08	<0.05	8.9	0.023
29618	Core	104	5.3	24.9	0.003	0.133	0.81	2.4	3.8	1.0	36.8	0.06	<0.05	6.8	0.017
29619	Core	130	14.2	27.9	0.006	0.159	0.68	2.2	1.5	2.3	31.4	0.06	<0.05	5.9	0.018
29620	Core	194	19.4	24.9	0.006	0.039	0.57	2.3	2.9	1.5	27.0	0.08	<0.05	6.5	0.024
29621	Core	234	19.8	51.0	0.005	0.129	0.98	4.6	2.7	1.6	33.4	0.11	<0.05	8.0	0.035
29622	Core	133	10.5	29.1	0.004	0.060	0.85	3.3	1.9	1.2	28.1	0.08	<0.05	6.7	0.024
29623	Core	110	4.0	11.7	0.004	<0.01	0.72	1.3	1.4	0.6	12.4	<0.05	<0.05	2.0	0.008
29624	Core	37	7.6	6.0	0.006	0.015	0.89	0.8	3.1	0.9	9.3	<0.05	<0.05	1.0	<0.005
29625	Core	120	5.6	4.9	0.006	0.021	1.02	0.7	4.5	0.4	19.8	<0.05	<0.05	1.4	<0.005
29626	Core	70	4.5	4.7	0.003	<0.01	0.82	0.4	8.2	0.7	7.7	<0.05	<0.05	0.5	<0.005
29627	Core	49	2.9	5.6	0.005	0.028	0.66	0.6	4.5	2.8	7.1	<0.05	<0.05	0.9	<0.005
29628	Core	117	2.5	24.7	0.005	0.011	0.51	1.8	1.5	0.7	16.4	0.05	<0.05	5.6	0.018
29629	Core	119	6.3	30.2	0.004	0.059	0.58	2.1	3.0	2.0	20.6	0.06	<0.05	6.5	0.021
29630	Reject	85	7.9	19.3	0.004	0.018	0.37	1.4	3.2	0.6	21.2	0.05	<0.05	4.4	0.014
29631	Reject	108	7.3	15.2	0.005	0.014	0.42	1.1	3.6	0.7	17.4	<0.05	<0.05	3.8	0.012
29632	Core	175	2.5	1.0	0.006	<0.01	<0.05	0.3	4.0	<0.2	53.0	0.07	<0.05	0.2	<0.005
29633	Core	113	5.7	23.9	0.005	0.078	0.88	2.1	<1.0	0.7	41.2	0.06	<0.05	5.4	0.019
29634	Core	143	5.4	27.8	0.003	0.134	2.00	2.9	2.8	0.6	33.8	0.06	<0.05	7.8	0.022
29635	Core	156	9.1	40.3	0.005	0.020	0.81	3.9	2.4	1.0	33.8	0.09	<0.05	8.9	0.033
29636	Core	447	9.9	26.3	0.005	<0.01	0.53	2.9	2.6	0.7	35.1	0.06	<0.05	7.5	0.023
29637	Core	145	9.6	27.9	0.005	0.039	0.51	3.0	1.8	1.0	46.1	0.06	<0.05	7.6	0.027
29638	Core	178	35.5	20.4	0.004	0.056	0.62	2.8	1.4	0.8	32.8	0.06	<0.05	7.8	0.022
29639	Core	245	9.6	27.7	0.005	0.081	0.62	3.4	3.0	1.0	43.6	0.08	<0.05	8.8	0.032
29640	Core	302	12.6	48.0	0.005	0.152	1.76	5.0	1.8	1.1	74.0	0.10	<0.05	10.2	0.040
29641	Core	638	48.8	166.5	0.010	0.982	12.75	12.5	3.6	1.8	558.9	0.15	<0.05	11.4	0.065
29642	Core	293	33.4	133.1	0.011	0.832	9.11	10.5	4.6	1.4	387.1	0.12	<0.05	9.3	0.061
29643	Core	1794	13.2	160.5	0.011	0.491	2.62	20.4	3.2	2.5	433.8	1.84	<0.05	10.0	0.811
29644	Core	3122	15.1	109.3	0.008	0.300	3.27	17.5	3.9	2.1	605.2	2.34	<0.05	8.9	0.974
29645	Core	309	15.2	210.8	0.008	0.265	2.70	17.3	3.0	2.2	110.8	0.17	<0.05	12.2	0.080

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29646	Core	469	27.3	189.8	0.011	0.296	2.94	16.1	2.9	2.2	128.5	0.12	<0.05	11.2	0.065
29647	Core	260	76.4	151.7	0.010	0.859	8.01	14.4	2.8	2.0	190.0	0.37	<0.05	10.3	0.065
29648	Core	325	14.6	155.2	0.007	0.277	2.99	15.8	2.2	2.1	192.2	0.19	<0.05	11.0	0.071
29649	Core	263	21.6	164.0	0.007	0.269	3.27	17.5	2.5	2.2	229.2	0.15	<0.05	11.0	0.066
29650	Core	412	34.5	151.5	0.005	0.299	3.70	16.9	2.7	2.2	218.1	0.17	<0.05	12.5	0.066
29651	Core	798	31.6	180.8	0.007	0.174	2.55	17.1	2.6	2.5	225.5	0.16	<0.05	11.3	0.065
29652	Core	522	34.5	154.9	0.006	0.318	3.60	16.5	2.2	2.2	272.2	0.17	<0.05	10.9	0.070
29653	Core	373	22.2	128.5	0.005	0.198	3.21	14.8	2.8	1.8	277.4	0.18	<0.05	11.6	0.074
29654	Core	490	11.6	150.6	0.006	0.100	1.17	17.1	2.0	2.2	254.0	0.21	<0.05	13.7	0.085
29655	Core	258	45.6	148.0	0.011	0.147	2.23	16.7	3.3	2.1	259.6	0.23	<0.05	13.1	0.094
29656	Core	301	26.3	132.4	0.008	0.234	2.78	14.6	3.2	1.9	273.2	0.16	<0.05	10.1	0.059
29657	Core	244	17.6	172.6	0.007	0.166	2.07	17.4	3.2	2.7	180.2	0.21	<0.05	15.4	0.094

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Certificate of Analysis

11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29606	Core	0.80	4.2	150	0.7	9.0	122	99.9
29607	Core	0.82	4.9	152	0.5	10.4	125	117.2
29608	Core	0.81	5.1	147	0.5	10.2	115	112.7
29609	Core	0.78	4.6	141	0.4	9.5	116	111.8
29610	Core	0.84	4.9	151	0.4	9.8	125	115.0
29611	Core	0.83	5.1	151	0.5	9.9	119	116.1
29612	Core	0.16	1.1	18	2.3	3.2	44	40.5
29613	Core	0.16	1.2	19	0.6	3.3	30	39.2
29614	Core	0.13	1.3	21	0.7	3.0	21	42.3
29615	Core	0.17	1.4	23	0.8	3.8	46	49.5
29616	Core	0.17	1.4	24	1.1	3.5	19	47.6
29617	Core	0.17	1.7	28	0.7	3.8	15	52.2
29618	Core	0.12	1.3	23	0.6	3.3	16	46.4
29619	Core	0.15	1.2	20	0.6	3.0	66	32.0
29620	Core	0.13	1.5	24	0.4	3.5	23	49.1
29621	Core	0.27	1.8	40	0.9	4.3	42	50.6
29622	Core	0.17	1.3	26	1.1	3.5	29	45.3
29623	Core	0.06	0.6	9	0.5	1.6	19	12.2
29624	Core	0.03	0.3	6	0.3	0.9	12	6.4
29625	Core	<0.02	0.4	5	0.5	0.6	12	10.3
29626	Core	<0.02	0.2	4	0.3	0.3	7	5.7
29627	Core	0.03	0.2	4	1.6	0.4	7	5.3
29628	Core	0.13	1.2	19	1.0	2.9	18	38.8
29629	Core	0.16	1.4	23	0.9	3.1	16	43.5
29630	Reject	0.11	1.0	15	0.5	2.3	16	28.1
29631	Reject	0.07	0.8	13	0.5	1.8	15	23.5
29632	Core	<0.02	0.4	290	<0.1	0.8	15	0.6
29633	Core	0.11	1.2	22	0.5	3.2	19	33.8
29634	Core	0.15	1.4	28	0.9	3.9	24	45.2
29635	Core	0.20	1.6	32	1.0	4.9	22	60.7
29636	Core	0.14	1.4	26	0.7	4.3	20	45.6
29637	Core	0.16	1.3	33	0.6	4.0	24	45.2
29638	Core	0.09	1.1	28	0.3	3.6	27	42.6
29639	Core	0.14	1.4	33	0.2	4.3	24	53.1
29640	Core	0.25	1.9	46	0.7	5.2	36	56.7
29641	Core	0.88	2.7	84	0.8	16.6	59	54.8
29642	Core	0.71	2.4	80	0.6	9.1	55	47.1
29643	Core	0.75	3.5	216	2.5	14.3	93	159.4
29644	Core	0.43	3.5	217	0.9	18.6	96	166.8
29645	Core	1.01	3.2	139	0.5	7.1	94	69.3

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11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29646	Core	0.89	3.2	137	0.4	7.3	95	60.8
29647	Core	0.73	3.0	125	0.6	7.1	94	53.6
29648	Core	0.72	3.1	128	0.4	7.1	96	57.7
29649	Core	0.75	3.2	133	0.4	7.3	103	65.3
29650	Core	0.75	3.6	139	0.4	8.1	105	64.8
29651	Core	0.76	3.3	133	0.3	8.5	98	66.8
29652	Core	0.70	3.1	127	0.6	8.3	99	61.7
29653	Core	0.65	3.2	118	0.6	8.0	97	56.3
29654	Core	0.72	3.7	132	0.5	8.7	100	67.7
29655	Core	0.75	3.8	135	0.5	7.8	102	72.5
29656	Core	0.60	3.1	100	0.5	12.5	76	58.0
29657	Core	0.81	4.2	139	0.7	7.9	90	84.6

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11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29606	Core		0.22	>10	10.3	546	2.94	0.75	0.59	0.05	86.61	20.3	102	8.41	69.1
29606 Dup			0.22	>10	11.4	515	3.35	0.78	0.61	0.06	72.31	20.8	102	7.80	66.4
QCV1112-00001-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71		6.3	427	3.10	2.42		0.07	89.53	16.2		6.97	2185.4
29624	Core		0.19	0.57	329.3	18	0.13	0.02	0.02	0.07	3.63	6.6	243	0.37	15.1
29624 Dup			0.08	0.58	341.1	17	0.24	0.02	0.02	0.06	3.33	4.6	272	0.36	15.5
QCV1112-00001-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.04												6025.0
29642	Core		0.29	6.68	88.9	402	1.67	0.34	8.40	0.10	44.71	16.8	105	4.00	31.8
29642 Dup			0.28	6.82	89.4	433	2.39	0.36	8.74	0.08	46.04	18.2	104	4.16	32.7
QCV1112-00001-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.58	4.27	7366.8	241						12.1			31.2
QCV1112-00001-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.78	9.4	450	3.11	2.39	0.46	0.03	90.39	16.7		7.29	2294.9
29606	Core	<0.005													
29606 Dup		<0.005													
29624	Core	0.042													
29624 Dup		0.041													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.820													
QCV1112-00002-0004-BLK		<0.005													
29642	Core	0.017													
29642 Dup		0.017													
QCV1112-00002-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.963													

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11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29606	Core	4.81	28.59	1.47	2.9	0.08	2.71	42.7	114.8	1.47	357	0.47	0.88	4.1	48.3
29606 Dup		4.85	27.00	1.64	2.7	0.08	1.67	37.1	106.0	1.45	363	0.44	0.87	3.7	49.0
QCV1112-00001-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.16	20.70		3.6	0.34		44.9	26.7			0.39		14.8	38.4
29624	Core	0.52	1.28	1.51	0.2	<0.01	0.11	1.7	12.1	0.03	180	0.50	0.04	0.3	8.9
29624 Dup		0.54	1.40	1.40	0.2	<0.01	0.11	1.6	12.5	0.03	186	0.54	0.04	0.2	9.1
QCV1112-00001-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29642	Core	3.08	15.85	0.72	1.5	0.05	2.68	24.3	15.8	0.54	1033	0.98	0.15	1.7	25.6
29642 Dup		3.18	17.04	0.75	1.6	0.05	2.73	25.0	16.9	0.55	1063	1.02	0.15	1.7	27.0
QCV1112-00001-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										3.03	413				55.8
QCV1112-00001-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.34	21.95		4.1	0.37	2.98	44.1	27.8	1.64		0.34	0.51	14.5	38.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29606	Core	496	65.2	152.3	0.005	0.112	0.37	19.7	2.5	2.8	196.0	0.26	<0.05	17.8	0.108
29606 Dup		494	58.6	91.0	0.006	0.111	0.36	20.3	2.8	2.2	193.5	0.26	<0.05	16.0	0.111
QCV1112-00001-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result			10.9	218.5	0.004	0.241	1.13	14.7		10.6	39.6	0.94	<0.05	17.1	
29624	Core	37	7.6	6.0	0.006	0.015	0.89	0.8	3.1	0.9	9.3	<0.05	<0.05	1.0	<0.005
29624 Dup		38	7.1	6.0	0.004	0.015	0.85	0.8	3.9	1.0	9.1	<0.05	<0.05	0.9	<0.005
QCV1112-00001-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
29642	Core	293	33.4	133.1	0.011	0.832	9.11	10.5	4.6	1.4	387.1	0.12	<0.05	9.3	0.061
29642 Dup		305	35.3	135.2	0.006	0.853	9.41	11.2	3.2	1.5	396.1	0.12	<0.05	9.9	0.062
QCV1112-00001-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		351	13.5												
QCV1112-00001-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		700	9.8	217.2	0.008	0.263	1.23	14.2		10.6	40.0	0.98	<0.05	19.2	0.318

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11-360-08638-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29606	Core	0.80	4.2	150	0.7	9.0	122	99.9
29606 Dup		0.82	4.2	151	0.4	8.5	121	99.3
QCV1112-00001-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.96	3.4			26.4	85	126.0
29624	Core	0.03	0.3	6	0.3	0.9	12	6.4
29624 Dup		0.03	0.3	6	0.2	0.9	12	6.5
QCV1112-00001-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4905	
29642	Core	0.71	2.4	80	0.6	9.1	55	47.1
29642 Dup		0.75	2.6	82	0.6	9.3	56	48.4
QCV1112-00001-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.26					199	
QCV1112-00001-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.92	3.5		2.5	25.8	88	123.8

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11-360-08639-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
EMail: ghayes@northern-tiger.com

Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 89**
Client Reference: **Core 89**
Description: **3 ACE**

Date Received: 11/28/2011
Date Completed: 12/15/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	60	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	2	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31590	Core	<0.005	0.14	>10	17.4	640	3.81	0.43	0.46	0.05	31.10	19.5	95	10.63	77.0
31591	Core	0.012	0.15	>10	58.1	595	4.02	0.31	0.30	0.05	36.12	17.8	94	12.81	64.6
31592	Core	0.671	0.30	>10	887.4	681	3.74	0.41	0.24	0.18	76.30	19.9	100	21.43	75.4
31593	Core	0.767	0.12	2.79	3620.0	122	0.98	0.06	0.51	0.08	38.21	5.5	148	2.99	14.5
31594	Core	0.167	0.09	2.86	832.9	130	0.77	0.06	0.34	0.09	25.42	5.4	150	3.30	20.1
31595	Core	0.213	2.28	2.78	1516.5	111	0.62	0.07	0.42	0.10	22.52	5.2	144	2.71	23.3
31596	Core	0.113	0.23	2.20	583.6	73	0.68	0.07	0.41	0.04	16.94	4.2	152	1.59	12.2
31597	Core	0.249	0.11	2.33	725.5	70	0.67	0.11	0.68	0.04	20.86	4.2	173	1.52	11.7
31598	Core	0.608	0.65	5.61	790.1	340	1.70	0.21	0.29	0.04	20.84	7.8	152	5.16	22.8
31599	Core	0.114	0.25	>10	166.4	886	3.52	0.42	0.33	0.06	40.44	17.4	127	17.20	49.4
31600	Core	7.795	0.21	3.09	>10000	180	1.02	0.10	0.40	0.02	25.03	5.0	155	2.59	10.1
31601	Core	1.323	0.08	2.31	2584.2	78	0.61	0.05	0.59	0.05	22.78	3.5	125	1.56	10.6
31602	Core	0.366	0.08	5.06	1786.2	310	1.59	0.10	0.37	0.02	28.59	6.6	179	5.17	19.6
31603	Core	0.543	0.12	2.45	2081.0	104	0.76	0.05	0.40	<0.02	19.48	4.0	166	1.97	14.3
31604	Core	0.524	0.08	4.51	1094.4	236	1.49	0.05	0.30	0.03	18.49	6.5	150	3.18	21.0
31605	Core	0.152	0.08	4.08	647.4	216	1.12	0.07	0.48	0.03	32.60	7.0	137	2.95	19.6
31606	Core	0.345	0.07	2.56	3538.6	88	0.88	0.05	0.40	0.04	24.93	3.7	128	1.25	14.0
31607	Core	0.076	0.28	3.36	509.7	167	1.16	0.06	0.37	0.03	34.30	4.9	151	2.05	16.8
31608	Core	0.255	0.12	2.27	1960.6	81	0.61	0.04	0.38	0.04	28.04	3.8	144	1.24	14.8
31609	Core	0.218	0.07	3.00	1017.7	151	0.88	0.04	0.44	0.12	21.81	4.5	153	1.87	12.1
31610	Core	0.183	0.12	2.86	2839.3	124	0.78	0.05	0.25	0.37	24.28	4.1	165	1.80	12.5
31611	Core	0.325	0.75	2.67	2591.9	103	1.11	0.05	0.36	0.23	29.68	3.6	150	1.48	11.6
31612	Core	0.205	0.20	2.76	1599.4	107	0.78	0.04	0.54	0.25	31.28	3.9	158	1.84	17.9
31613	Core	0.429	0.25	4.04	2497.0	180	1.38	0.08	0.55	0.67	44.72	5.6	140	2.66	28.8
31614	Core	0.462	2.14	2.40	4235.3	108	0.89	0.07	0.37	0.12	28.58	3.8	163	1.51	12.0
31615	Core	6.875	0.32	2.30	8188.8	97	0.59	0.13	0.29	0.04	26.31	4.4	133	1.23	15.3
31616	Core	0.109	0.07	2.22	1594.3	60	0.51	0.08	0.57	0.03	24.01	5.1	197	1.03	17.4
31617	Core	0.125	0.14	>10	330.6	952	4.61	0.44	0.15	0.12	56.17	21.0	147	8.87	87.4
31618	Core	0.137	0.12	>10	239.3	888	4.56	0.47	0.16	0.10	34.03	23.0	138	9.33	78.4
31619	Core	0.027	0.11	>10	58.4	806	4.26	0.38	0.19	0.16	35.34	18.9	126	9.01	69.6
31620	Core	0.006	0.41	>10	62.9	745	3.81	0.40	0.17	0.09	43.30	21.8	112	7.79	68.3
31621	Core	0.198	0.33	5.32	1164.7	294	1.75	0.16	0.39	0.09	23.69	9.7	152	3.52	32.6
31622	Core	0.065	43.20	2.38	2208.6	65	0.70	0.05	1.07	0.07	23.21	5.5	155	1.02	76.0
31623	Core	0.277	2.18	2.94	445.5	141	1.22	0.10	0.38	0.05	13.64	6.4	175	1.92	22.1
31624	Reject	0.010	0.14	>10	51.7	630	2.84	0.36	0.08	0.05	28.36	15.0	94	6.84	46.7
31625	Reject	0.054	0.17	>10	62.2	878	4.58	0.39	0.10	0.11	26.06	21.6	116	10.11	65.7
31626	Core	<0.005	0.18	0.07	<0.2	23	0.07	0.04	>10	0.06	1.40	1.0	7	0.19	3.1
31627	Core	0.255	0.32	3.21	2166.1	142	1.33	0.08	0.58	<0.02	12.57	5.9	172	1.98	20.8
31628	Core	0.036	0.11	3.17	385.5	158	1.05	0.07	0.34	<0.02	18.24	5.1	145	2.32	21.4
31629	Core	0.032	0.11	2.41	252.1	99	0.92	0.13	0.39	0.02	24.33	3.4	178	2.20	11.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31630	Core	0.031	0.15	2.92	491.1	128	0.83	0.04	0.08	0.06	26.16	4.9	163	2.84	18.1
31631	Core	0.497	0.44	4.01	4677.5	190	1.65	0.17	0.05	0.18	29.87	8.5	144	6.01	17.5
31632	Core	0.030	0.16	>10	115.9	713	3.13	0.34	0.09	0.03	39.14	14.2	139	13.33	59.4
31633	Core	1.578	0.26	4.98	4430.8	277	1.83	0.29	0.68	0.03	30.79	11.8	143	5.45	28.8
31634	Core	0.076	0.15	>10	88.6	836	3.85	0.33	0.12	0.03	31.17	20.6	120	13.19	49.3
31635	Core	1.633	0.27	>10	2495.9	708	4.26	0.48	0.15	0.09	33.66	17.2	135	12.37	44.9
31636	Core	0.040	0.10	4.58	78.7	234	1.25	0.12	0.47	0.03	22.71	6.9	132	3.81	25.6
31637	Core	0.306	0.14	2.55	311.7	90	0.69	0.05	0.51	0.05	24.94	5.6	153	2.22	16.9
31638	Core	0.385	0.20	3.41	119.4	135	0.99	0.06	0.48	0.06	24.20	7.7	177	2.61	24.7
31639	Core	0.159	0.15	5.32	296.1	153	1.31	0.11	2.73	0.18	26.35	9.2	130	4.11	11.1
31640	Core	0.058	0.12	2.32	88.3	63	0.54	0.05	0.59	0.08	22.56	4.2	180	1.69	8.9
31641	Core	0.013	0.13	2.45	34.7	80	0.62	0.13	0.59	0.04	26.54	5.7	178	1.73	9.2
31642	Core	0.020	0.16	>10	83.3	960	4.68	0.38	0.15	0.18	46.22	20.2	128	11.62	67.4
31643	Core	0.006	0.17	>10	61.9	924	4.38	0.50	0.20	0.08	38.62	23.2	107	10.66	72.9
31644	Core	0.127	0.52	>10	102.9	735	3.85	0.48	0.15	0.13	31.20	18.8	103	15.61	64.2
31645	Core	0.036	0.24	>10	88.2	828	3.89	0.59	0.16	0.14	50.14	23.2	91	13.44	76.6
31646	Core	0.020	0.16	>10	31.9	782	3.92	0.39	0.20	0.09	56.05	20.5	104	10.13	68.3
31647	Core	<0.005	0.32	>10	26.6	855	3.89	0.38	0.16	0.08	44.90	20.3	107	8.91	62.2
31648	Core	0.034	0.17	>10	54.0	833	3.84	0.44	0.22	0.05	32.52	22.3	99	7.71	66.7
31649	Core	0.006	0.15	>10	16.7	790	3.08	0.43	0.13	0.04	71.01	20.2	101	7.17	63.9
31650	Core	<0.005	0.20	>10	14.2	816	3.94	0.39	0.23	0.07	73.92	20.3	103	7.22	68.8
31651	Core	<0.005	0.17	>10	16.7	847	3.89	0.42	0.16	0.07	72.92	19.2	104	8.60	67.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31590	Core	5.40	27.63	1.48	2.5	0.08	2.96	17.6	99.6	1.32	730	0.50	0.75	1.5	49.5
31591	Core	6.10	25.79	1.19	2.7	0.06	3.08	20.5	123.4	1.18	667	0.44	0.52	1.9	44.0
31592	Core	5.02	28.18	1.49	2.4	0.08	2.81	40.9	167.4	0.98	471	0.35	0.46	2.5	54.1
31593	Core	1.23	8.45	1.69	1.2	0.01	0.82	17.7	7.1	0.30	271	0.45	0.03	0.6	10.0
31594	Core	1.25	7.27	1.22	1.4	<0.01	0.87	12.2	19.5	0.29	233	0.38	0.04	0.6	10.8
31595	Core	1.20	6.82	1.23	1.1	0.01	0.66	11.3	17.6	0.28	237	0.64	0.05	0.5	9.8
31596	Core	1.04	4.64	0.88	2.0	0.01	0.48	8.7	16.9	0.28	217	0.33	0.03	0.5	7.0
31597	Core	1.19	4.86	0.90	1.2	0.01	0.48	10.4	14.6	0.35	320	0.37	0.03	0.4	7.3
31598	Core	1.67	13.59	1.08	1.9	0.03	1.98	10.9	37.7	0.39	265	0.45	0.08	1.1	14.9
31599	Core	4.05	26.00	1.06	2.4	0.07	4.46	22.4	81.3	0.96	494	0.58	0.25	2.0	37.6
31600	Core	1.55	9.98	1.56	1.1	0.02	1.10	12.4	5.3	0.29	206	0.52	0.03	0.7	11.3
31601	Core	1.09	5.45	1.18	0.9	0.01	0.49	10.8	3.7	0.33	299	0.33	0.10	0.4	7.1
31602	Core	1.51	13.10	1.09	2.4	0.02	1.91	13.9	23.5	0.39	241	0.41	0.07	1.0	13.4
31603	Core	1.09	6.18	1.10	1.0	<0.01	0.67	9.5	14.2	0.29	198	0.35	0.38	0.5	8.3
31604	Core	1.84	11.95	1.17	1.6	0.02	1.64	9.2	19.1	0.47	203	0.38	0.56	1.0	14.7
31605	Core	1.61	10.50	1.18	1.8	0.02	1.29	15.7	15.7	0.42	257	0.36	0.69	1.1	13.9
31606	Core	1.10	5.83	1.19	1.3	0.02	0.56	12.3	14.1	0.23	161	0.42	0.75	0.6	9.2
31607	Core	1.20	8.56	1.12	1.6	0.01	1.03	16.5	10.5	0.29	183	0.31	0.66	0.9	10.5
31608	Core	0.95	5.76	1.20	1.3	0.01	0.54	12.9	7.7	0.21	165	0.42	0.60	0.7	8.4
31609	Core	1.20	7.43	1.11	1.5	0.02	0.99	9.9	7.3	0.30	269	0.32	0.48	0.6	8.4
31610	Core	1.04	8.19	1.26	1.5	0.02	0.90	11.7	6.0	0.24	165	0.43	0.53	0.6	8.9
31611	Core	1.03	6.76	1.25	1.5	0.02	0.63	13.9	4.8	0.23	228	0.36	0.74	0.7	8.2
31612	Core	1.04	6.12	1.08	1.3	0.02	0.69	14.4	5.5	0.29	337	0.41	0.34	0.7	8.4
31613	Core	1.52	9.77	1.18	2.5	0.03	1.14	22.4	10.4	0.40	322	0.38	0.42	1.3	11.1
31614	Core	1.05	6.71	1.20	1.4	0.01	0.69	13.0	7.3	0.24	210	0.46	0.31	0.6	8.3
31615	Core	1.38	5.84	1.11	1.1	0.01	0.56	12.6	12.3	0.20	178	0.53	0.04	0.6	6.9
31616	Core	1.60	4.83	1.00	1.2	0.01	0.36	11.0	31.4	0.33	328	0.53	0.36	0.5	9.1
31617	Core	5.22	32.92	1.37	3.5	0.07	5.59	32.1	41.4	1.05	299	0.49	0.21	2.4	51.1
31618	Core	5.12	31.85	1.49	3.3	0.08	5.50	20.6	38.9	1.07	330	0.49	0.21	2.9	52.6
31619	Core	5.82	29.86	1.37	3.0	0.07	4.87	20.4	39.5	1.09	506	0.48	0.20	2.5	47.6
31620	Core	5.49	26.93	1.24	3.2	0.08	4.31	23.2	38.7	1.00	343	0.39	0.17	2.9	50.0
31621	Core	2.75	13.50	1.42	1.9	0.03	1.72	12.1	19.9	0.58	367	0.37	0.26	1.7	23.6
31622	Core	1.77	5.37	1.04	0.6	0.01	0.39	10.8	8.3	0.50	726	0.42	0.02	0.7	12.1
31623	Core	1.71	8.07	1.08	1.2	0.02	0.85	6.9	17.5	0.39	413	0.43	0.04	1.1	14.6
31624	Reject	3.79	24.30	0.88	3.1	0.06	3.35	15.1	24.9	0.73	290	0.37	0.15	2.0	35.4
31625	Reject	4.49	32.88	1.38	3.3	0.08	4.88	14.6	33.4	0.93	368	0.44	0.23	2.2	47.2
31626	Core	0.40	0.33	<0.05	<0.1	<0.01	0.03	0.7	0.9	>10	172	0.05	<0.01	0.2	0.8
31627	Core	1.46	8.24	1.31	1.1	0.01	0.80	6.0	43.2	0.35	321	0.40	0.05	0.6	12.8
31628	Core	1.08	8.41	1.16	1.5	0.01	0.84	8.4	37.2	0.22	260	0.41	0.05	0.8	10.5
31629	Core	1.05	5.57	1.14	1.2	<0.01	0.59	11.3	59.7	0.25	236	0.39	0.04	0.6	7.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31630	Core	1.29	6.65	0.99	2.9	0.01	0.78	12.4	65.0	0.20	227	0.63	0.03	0.9	11.7
31631	Core	2.17	9.74	1.58	2.0	0.03	1.08	14.4	143.1	0.31	358	0.83	0.05	1.3	20.9
31632	Core	3.95	24.09	0.78	3.6	0.06	3.66	20.8	130.8	0.97	617	0.50	0.19	2.3	34.9
31633	Core	3.09	11.64	1.55	1.9	0.03	1.46	14.9	87.6	0.70	446	0.42	0.07	1.3	25.4
31634	Core	5.28	30.52	1.29	4.0	0.07	3.86	16.7	48.9	1.32	559	0.44	0.21	2.6	53.0
31635	Core	4.75	25.27	1.36	3.2	0.07	3.43	19.5	76.5	1.09	496	0.47	0.19	2.8	41.5
31636	Core	2.94	10.51	0.87	1.6	0.03	1.33	12.2	96.9	0.77	568	0.38	0.09	1.3	18.8
31637	Core	2.27	5.75	0.93	0.3	0.01	0.56	11.9	29.4	0.54	518	0.38	0.04	0.8	12.9
31638	Core	2.59	6.91	0.99	1.7	0.02	0.72	12.2	124.5	0.68	451	0.49	0.07	0.9	19.7
31639	Core	4.33	9.81	0.86	1.9	0.03	0.92	12.3	130.4	1.36	1737	0.40	0.07	1.1	21.4
31640	Core	1.73	4.69	0.82	1.0	<0.01	0.38	10.2	18.6	0.44	533	0.38	0.02	0.6	8.4
31641	Core	1.95	4.70	0.86	1.3	0.01	0.43	12.7	83.9	0.53	651	0.46	0.09	0.8	9.5
31642	Core	3.90	30.69	1.05	3.3	0.08	4.58	26.1	67.4	0.88	316	0.63	0.28	3.8	41.9
31643	Core	3.96	29.84	1.08	2.8	0.08	3.58	21.1	85.4	0.91	353	0.43	0.30	3.8	47.5
31644	Core	5.59	22.90	1.06	2.4	0.07	2.92	17.4	57.5	0.94	661	1.20	0.24	3.2	45.0
31645	Core	5.08	26.30	1.03	2.8	0.08	3.46	26.9	46.7	0.76	550	1.93	0.37	2.9	54.0
31646	Core	5.24	28.94	0.97	2.9	0.07	3.39	28.2	68.5	1.07	574	0.41	0.51	2.6	54.2
31647	Core	4.79	31.23	0.83	2.5	0.07	3.67	25.8	61.5	0.81	542	0.42	0.56	2.3	48.9
31648	Core	5.25	30.53	1.08	2.7	0.08	3.59	18.9	70.3	0.89	555	0.51	0.54	2.0	49.8
31649	Core	4.36	28.20	1.01	3.1	0.07	3.38	39.3	79.1	0.89	455	0.43	0.47	2.8	46.8
31650	Core	4.58	29.27	1.10	2.6	0.07	3.56	41.6	79.7	0.98	472	0.40	0.55	2.9	49.2
31651	Core	4.46	28.41	1.00	2.8	0.08	2.97	39.3	69.8	0.86	462	0.46	0.51	3.1	46.8

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31590	Core	404	59.8	172.6	0.008	0.103	1.05	20.7	2.3	2.3	187.6	0.12	<0.05	13.4	0.054
31591	Core	390	25.3	160.0	0.003	0.313	1.05	19.2	1.6	2.8	164.9	0.12	<0.05	14.3	0.052
31592	Core	485	34.0	166.5	0.003	1.216	4.04	19.8	2.1	3.1	214.1	0.19	<0.05	16.3	0.083
31593	Core	377	9.2	48.8	0.006	0.562	3.70	3.0	1.9	3.7	56.1	<0.05	<0.05	9.1	0.021
31594	Core	284	8.6	46.6	0.007	0.253	1.55	2.8	2.4	2.6	41.1	<0.05	<0.05	8.6	0.021
31595	Core	136	10.3	36.9	0.007	0.196	1.80	2.8	2.5	0.7	47.3	<0.05	<0.05	8.3	0.016
31596	Core	125	8.1	24.3	0.005	0.153	1.26	1.7	1.2	0.7	37.3	0.11	<0.05	7.9	0.012
31597	Core	210	17.4	24.5	0.007	0.147	1.29	1.7	2.1	2.8	51.5	0.07	<0.05	6.8	0.011
31598	Core	371	6.6	99.4	0.007	0.289	2.09	6.8	1.5	1.4	42.8	0.15	<0.05	10.9	0.037
31599	Core	269	20.6	215.1	0.006	1.050	4.13	17.6	1.2	2.7	86.8	0.19	<0.05	13.4	0.078
31600	Core	121	9.6	57.2	0.005	0.661	8.57	3.2	3.1	1.6	43.9	0.05	<0.05	6.8	0.028
31601	Core	107	21.8	26.8	0.004	0.190	2.71	1.8	1.7	0.8	63.7	<0.05	<0.05	5.7	0.015
31602	Core	69	35.5	91.7	0.010	0.241	2.26	4.9	1.2	1.4	52.1	0.08	<0.05	15.2	0.042
31603	Core	62	8.3	33.5	0.005	0.158	2.17	2.3	1.1	0.8	61.3	<0.05	<0.05	6.6	0.017
31604	Core	71	6.1	83.1	0.006	0.236	1.70	4.7	<1.0	1.3	60.2	0.07	<0.05	9.6	0.040
31605	Core	110	9.5	67.7	0.006	0.169	1.37	4.8	1.7	1.7	86.4	0.08	<0.05	9.4	0.040
31606	Core	55	7.0	27.9	0.005	0.251	3.12	2.0	2.2	0.8	86.3	0.05	<0.05	7.3	0.022
31607	Core	157	10.8	54.0	0.005	0.115	1.06	3.3	2.5	1.1	67.3	0.06	<0.05	9.4	0.032
31608	Core	67	7.1	29.0	0.006	0.192	2.12	1.9	1.9	0.8	65.4	0.05	<0.05	7.5	0.020
31609	Core	69	12.3	48.1	0.005	0.358	1.69	2.7	2.7	1.1	59.3	<0.05	<0.05	8.5	0.024
31610	Core	52	37.3	45.9	0.008	0.458	3.08	2.3	3.1	1.3	48.9	<0.05	<0.05	8.9	0.023
31611	Core	61	23.4	33.3	0.006	0.442	2.76	2.1	2.4	1.1	79.5	<0.05	<0.05	9.2	0.022
31612	Core	129	18.7	33.8	0.009	0.391	1.75	2.0	1.1	1.4	54.0	0.05	<0.05	8.7	0.024
31613	Core	194	55.8	56.8	0.010	0.686	3.17	3.8	2.5	1.8	69.1	0.08	<0.05	16.1	0.039
31614	Core	232	27.8	35.6	0.005	0.351	3.93	2.1	3.1	1.1	53.4	0.05	<0.05	8.2	0.023
31615	Core	45	13.0	30.4	0.009	0.544	6.83	1.7	5.1	1.0	34.0	<0.05	<0.05	6.7	0.020
31616	Core	189	4.9	18.6	0.009	0.264	1.76	1.7	3.3	1.0	75.3	<0.05	<0.05	7.1	0.015
31617	Core	504	9.8	248.3	0.008	0.188	1.79	20.9	2.0	2.9	96.4	0.20	<0.05	20.7	0.109
31618	Core	428	15.0	251.1	0.012	0.251	1.80	21.0	2.7	3.1	95.2	0.21	<0.05	20.7	0.114
31619	Core	421	21.6	236.3	0.006	0.179	1.56	19.4	1.6	2.8	97.3	0.19	<0.05	17.4	0.102
31620	Core	403	18.5	207.8	0.006	0.184	1.72	17.0	1.7	2.7	88.8	0.20	<0.05	17.3	0.107
31621	Core	113	10.9	87.9	0.003	0.277	1.71	7.2	2.0	1.5	73.5	0.11	<0.05	10.4	0.053
31622	Core	94	7.9	22.3	0.006	0.626	2.34	2.5	3.3	1.0	85.8	<0.05	<0.05	6.4	0.019
31623	Core	94	18.3	47.3	0.002	0.269	1.17	3.5	2.9	1.0	47.1	0.06	<0.05	7.0	0.025
31624	Reject	228	9.1	177.1	0.007	0.106	1.17	15.6	2.1	2.4	57.9	0.16	<0.05	16.7	0.080
31625	Reject	315	13.8	254.0	0.007	0.142	1.50	18.9	2.3	3.1	78.8	0.14	<0.05	17.4	0.087
31626	Core	186	2.5	1.4	0.006	<0.01	<0.05	<0.1	2.0	<0.2	50.4	<0.05	<0.05	<0.2	<0.005
31627	Core	83	7.2	42.5	0.004	0.376	2.36	3.5	1.8	0.9	52.4	0.05	<0.05	6.0	0.018
31628	Core	80	7.5	48.4	0.006	0.150	0.91	2.8	<1.0	17.7	38.6	<0.05	<0.05	8.7	0.018
31629	Core	96	9.4	33.2	0.006	0.192	0.64	1.9	<1.0	0.6	42.4	<0.05	<0.05	7.8	0.017

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31630	Core	76	8.7	42.0	0.008	0.421	1.17	2.7	1.1	1.4	28.2	0.14	<0.05	9.8	0.023
31631	Core	111	29.3	65.8	0.004	0.780	5.12	5.1	3.6	1.1	53.8	0.15	<0.05	8.6	0.032
31632	Core	216	41.3	196.0	0.005	0.116	1.60	14.8	1.6	2.4	66.4	0.22	<0.05	18.1	0.085
31633	Core	3390	25.4	84.5	0.009	0.461	5.28	7.0	1.9	1.3	107.0	0.12	<0.05	9.5	0.038
31634	Core	302	20.9	203.6	0.004	0.233	2.36	19.3	1.4	2.8	75.0	0.22	<0.05	18.4	0.091
31635	Core	441	24.1	188.9	0.008	1.093	3.91	17.1	1.1	2.5	75.4	0.25	<0.05	17.4	0.090
31636	Core	411	11.5	66.9	0.005	0.162	0.67	5.6	1.0	0.9	61.5	0.11	<0.05	8.1	0.039
31637	Core	175	10.7	33.4	0.008	0.506	1.01	2.8	<1.0	0.7	47.2	0.06	<0.05	6.5	0.019
31638	Core	153	5.8	39.4	0.003	0.474	0.85	3.5	<1.0	1.1	59.2	0.08	<0.05	9.1	0.024
31639	Core	1445	28.1	52.2	0.008	0.651	0.99	6.3	1.5	0.7	237.3	0.10	<0.05	9.8	0.027
31640	Core	361	9.3	22.9	0.007	0.331	0.60	2.0	1.4	0.6	50.3	<0.05	<0.05	5.5	0.014
31641	Core	96	10.1	25.1	0.005	0.136	0.71	2.3	<1.0	0.7	58.1	0.05	<0.05	7.5	0.018
31642	Core	413	12.6	250.4	0.005	0.341	2.72	19.7	1.3	3.2	106.0	0.27	<0.05	18.5	0.107
31643	Core	648	31.8	187.6	0.006	0.229	1.88	19.0	1.5	2.9	108.9	0.23	<0.05	15.2	0.111
31644	Core	250	42.2	161.7	0.003	1.924	7.59	16.3	1.3	2.6	111.2	0.19	<0.05	14.3	0.088
31645	Core	260	46.1	200.5	0.011	2.432	11.34	18.5	1.9	2.5	163.2	0.26	<0.05	15.8	0.089
31646	Core	496	22.3	200.2	0.003	0.201	0.95	19.3	<1.0	2.5	195.6	0.19	<0.05	16.5	0.076
31647	Core	302	20.9	208.7	0.005	0.183	1.10	19.1	1.6	2.7	217.5	0.15	<0.05	14.4	0.066
31648	Core	772	29.4	209.9	0.008	0.452	1.61	19.5	1.4	2.7	208.0	0.15	<0.05	13.5	0.060
31649	Core	463	18.0	179.9	0.006	0.141	0.96	18.8	1.2	3.1	201.7	0.23	<0.05	17.5	0.088
31650	Core	644	23.8	195.2	0.004	0.121	0.81	18.6	<1.0	2.6	206.8	0.20	<0.05	16.7	0.096
31651	Core	551	23.6	154.9	0.005	0.129	0.99	18.3	2.0	2.8	187.0	0.20	<0.05	16.4	0.107

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31590	Core	0.96	4.0	153	0.7	7.5	123	89.7
31591	Core	1.02	4.2	147	2.0	7.5	116	84.2
31592	Core	1.09	5.2	141	10.4	7.8	134	83.0
31593	Core	0.29	1.1	35	31.1	4.6	23	45.7
31594	Core	0.25	1.1	35	2.9	4.1	28	46.2
31595	Core	0.22	1.2	31	20.1	3.6	28	44.4
31596	Core	0.17	1.1	27	2.0	3.1	23	36.4
31597	Core	0.15	1.0	27	2.0	3.4	24	34.2
31598	Core	0.60	2.8	64	3.8	5.6	43	68.2
31599	Core	1.27	3.1	139	5.4	5.9	101	76.7
31600	Core	0.32	1.0	43	2.4	3.4	18	41.0
31601	Core	0.16	0.9	29	1.3	3.2	22	32.1
31602	Core	0.50	2.1	65	2.8	5.8	38	82.5
31603	Core	0.20	1.0	30	1.5	2.8	21	33.4
31604	Core	0.49	1.7	57	3.2	3.8	41	53.0
31605	Core	0.38	1.6	50	2.6	4.8	42	59.8
31606	Core	0.18	1.1	28	1.5	3.5	24	39.1
31607	Core	0.33	1.4	39	1.7	4.4	33	54.5
31608	Core	0.17	1.1	26	2.6	3.2	20	42.5
31609	Core	0.28	1.3	36	1.4	3.9	25	50.5
31610	Core	0.29	1.3	35	1.9	3.3	47	47.4
31611	Core	0.19	1.3	31	1.6	3.8	36	48.2
31612	Core	0.20	1.2	30	2.1	3.7	35	48.8
31613	Core	0.38	2.1	45	3.6	5.4	90	77.0
31614	Core	0.23	1.1	29	1.8	3.9	24	44.5
31615	Core	0.16	0.9	25	1.8	3.1	22	40.1
31616	Core	0.12	1.0	26	1.4	3.6	35	37.4
31617	Core	1.61	5.3	174	3.2	8.1	129	104.5
31618	Core	1.65	5.0	170	3.0	7.9	131	107.6
31619	Core	1.46	4.4	154	2.7	7.5	158	99.4
31620	Core	1.21	4.0	141	2.3	7.8	121	105.2
31621	Core	0.55	1.9	67	2.3	4.8	69	61.4
31622	Core	0.13	0.8	29	105.2	4.1	23	35.1
31623	Core	0.25	1.1	36	1.8	3.4	37	40.9
31624	Reject	1.08	3.5	129	2.6	6.6	87	89.1
31625	Reject	1.42	4.2	154	2.7	7.7	121	115.5
31626	Core	<0.02	0.5	294	<0.1	0.9	16	0.5
31627	Core	0.26	1.0	36	2.9	3.2	25	40.3
31628	Core	0.29	1.1	32	1.9	3.5	20	44.3
31629	Core	0.22	1.3	27	1.3	3.1	15	38.8

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31630	Core	0.28	1.3	31	2.6	3.6	25	54.8
31631	Core	0.38	1.4	42	6.3	3.7	64	52.3
31632	Core	1.47	4.0	132	5.9	7.5	92	106.7
31633	Core	0.51	1.9	61	4.9	11.2	67	63.9
31634	Core	1.56	4.1	160	5.7	8.3	118	127.7
31635	Core	1.32	3.7	131	8.7	6.7	93	94.2
31636	Core	0.41	1.4	61	3.7	4.2	61	53.4
31637	Core	0.25	1.0	35	235.3	3.1	40	40.4
31638	Core	0.25	1.3	46	4.6	3.8	39	54.2
31639	Core	0.36	1.7	73	6.7	9.2	94	59.0
31640	Core	0.18	0.8	29	2.9	2.9	35	33.9
31641	Core	0.15	1.1	33	2.0	3.1	34	41.4
31642	Core	1.44	3.9	146	5.6	7.1	88	103.9
31643	Core	1.35	4.0	148	4.6	6.3	111	93.8
31644	Core	1.25	3.4	128	5.7	5.2	107	78.8
31645	Core	1.22	4.9	133	3.8	6.1	114	91.1
31646	Core	1.11	6.2	143	2.8	7.4	117	97.8
31647	Core	1.12	3.9	139	2.0	6.1	109	91.6
31648	Core	1.18	4.0	141	2.7	7.0	118	90.5
31649	Core	1.07	4.0	143	1.9	7.6	118	102.1
31650	Core	1.15	3.9	142	1.5	7.9	116	91.9
31651	Core	1.11	3.9	142	2.1	7.4	117	94.3

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31590	Core		0.14	>10	17.4	640	3.81	0.43	0.46	0.05	31.10	19.5	95	10.63	77.0
31590 Dup			0.14	>10	19.3	650	3.23	0.41	0.46	0.06	33.63	19.7	95	10.69	72.4
QCV1111-02724-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			95.51												6184.8
31608	Core		0.12	2.27	1960.6	81	0.61	0.04	0.38	0.04	28.04	3.8	144	1.24	14.8
31608 Dup			0.08	2.29	1967.0	80	0.87	0.05	0.38	0.03	24.30	3.9	183	1.20	14.7
QCV1111-02724-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	8.00	8.6	440	2.66	3.11	0.46	0.05	88.34	16.7		7.30	2398.4
31626	Core		0.18	0.07	<0.2	23	0.07	0.04	>10	0.06	1.40	1.0	7	0.19	3.1
31626 Dup			0.17	0.08	2.9	22	0.12	0.06	>10	0.06	1.43	1.2	7	0.19	3.6
QCV1111-02724-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	7.93	6.7	448	2.96	2.62	0.46	0.04	91.59	16.9		7.57	2370.1
31644	Core		0.52	>10	102.9	735	3.85	0.48	0.15	0.13	31.20	18.8	103	15.61	64.2
31644 Dup			0.48	>10	99.5	737	3.21	0.50	0.16	0.16	27.60	18.8	98	15.29	71.5
QCV1111-02724-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	7.76	8.5	422	2.82	2.40	0.46	0.04	79.91	15.9		7.17	2326.1
31590	Core	<0.005													
31590 Dup		<0.005													
31608	Core	0.255													
31608 Dup		0.232													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.165													
QCV1111-02725-0004-BLK		<0.005													
31626	Core	<0.005													
31626 Dup		<0.005													
31644	Core	0.127													
31644 Dup		0.127													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.922													
QCV1111-02725-0008-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.893													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31590	Core	5.40	27.63	1.48	2.5	0.08	2.96	17.6	99.6	1.32	730	0.50	0.75	1.5	49.5
31590 Dup		5.53	28.10	1.42	2.6	0.07	3.07	18.7	97.5	1.37	753	0.55	0.69	1.9	54.8
QCV1111-02724-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result															28.1
31608	Core	0.95	5.76	1.20	1.3	0.01	0.54	12.9	7.7	0.21	165	0.42	0.60	0.7	8.4
31608 Dup		0.95	5.57	1.21	1.3	<0.01	0.55	11.4	8.2	0.21	167	0.43	0.64	0.6	8.9
QCV1111-02724-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.36	19.09		4.0	0.31	3.07	44.4	26.6	1.69		0.36		12.8	39.7
31626	Core	0.40	0.33	<0.05	<0.1	<0.01	0.03	0.7	0.9	>10	172	0.05	<0.01	0.2	0.8
31626 Dup		0.41	0.34	<0.05	<0.1	<0.01	0.03	0.8	1.3	>10	172	0.07	0.01	0.2	1.0
QCV1111-02724-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.36	20.41		4.1	0.35	3.05	46.8	28.6	1.67		0.40		14.0	39.2
31644	Core	5.59	22.90	1.06	2.4	0.07	2.92	17.4	57.5	0.94	661	1.20	0.24	3.2	45.0
31644 Dup		5.63	23.97	0.94	2.7	0.07	3.53	16.0	58.5	0.93	662	1.14	0.25	2.7	43.9
QCV1111-02724-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.28	18.69		4.0	0.32	3.00	40.4	26.2	1.65		0.39		13.5	36.6

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31590	Core	404	59.8	172.6	0.008	0.103	1.05	20.7	2.3	2.3	187.6	0.12	<0.05	13.4	0.054
31590 Dup		409	61.4	169.0	0.009	0.110	0.87	19.9	<1.0	2.4	193.9	0.15	<0.05	13.7	0.070
QCV1111-02724-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
31608	Core	67	7.1	29.0	0.006	0.192	2.12	1.9	1.9	0.8	65.4	0.05	<0.05	7.5	0.020
31608 Dup		70	7.1	27.9	0.003	0.193	2.12	2.0	2.1	0.9	65.8	0.05	<0.05	8.2	0.020
QCV1111-02724-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		714	9.9	206.7	0.009	0.282	1.03	13.4	4.0	10.7		0.92	<0.05	18.6	
31626	Core	186	2.5	1.4	0.006	<0.01	<0.05	<0.1	2.0	<0.2	50.4	<0.05	<0.05	<0.2	<0.005
31626 Dup		228	3.5	1.4	0.006	<0.01	<0.05	<0.1	3.0	<0.2	53.5	<0.05	<0.05	<0.2	<0.005
QCV1111-02724-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		703	12.0	221.8	0.008	0.293	1.20	15.3	5.5	11.3		0.92	<0.05	18.6	
31644	Core	250	42.2	161.7	0.003	1.924	7.59	16.3	1.3	2.6	111.2	0.19	<0.05	14.3	0.088
31644 Dup		246	39.9	197.8	0.008	1.911	7.42	16.2	1.8	2.3	113.9	0.20	<0.05	14.7	0.084
QCV1111-02724-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		693	10.9	204.7	0.009	0.286	1.05	13.3	4.3	10.7		0.94	<0.05	18.4	

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11-360-08639-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31590	Core	0.96	4.0	153	0.7	7.5	123	89.7
31590 Dup		0.94	4.1	157	0.8	8.0	131	92.2
QCV1111-02724-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4973	
31608	Core	0.17	1.1	26	2.6	3.2	20	42.5
31608 Dup		0.18	1.2	26	3.0	3.2	21	44.5
QCV1111-02724-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.14	3.3		2.7	27.1	93	126.1
31626	Core	<0.02	0.5	294	<0.1	0.9	16	0.5
31626 Dup		<0.02	0.5	292	0.1	1.0	18	0.6
QCV1111-02724-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.09	3.2		2.7	27.7	89	135.1
31644	Core	1.25	3.4	128	5.7	5.2	107	78.8
31644 Dup		1.36	3.5	129	6.0	5.2	108	78.4
QCV1111-02724-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.08	3.3		2.7	24.9	87	125.4

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 90**
Client Reference: **Core 90**
Description: **Sample ID#31684 was not to be analyize.**

Date Received: 11/28/2011
Date Completed: 12/23/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	52	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	No Sample	
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps
Whitehorse, YT	4	Reject	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

Submittal Information

Sample 31684 was not analyzed due to full of greasy. The number of samples analyzed in this job is 57.

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31652	Core	0.008	0.31	>10	28.6	772	2.83	0.54	0.40	0.09	31.27	19.3	128	9.45	49.0
31653	Core	0.006	0.28	>10	27.7	751	3.21	0.44	0.27	0.06	60.26	18.6	120	9.20	47.3
31654	Core	<0.005	0.25	>10	24.7	751	3.16	0.37	0.22	0.06	56.91	16.1	112	7.35	44.3
31655	Core	0.010	0.23	>10	40.0	723	3.50	0.34	0.35	0.21	50.18	15.5	133	7.24	50.4
31656	Core	0.013	0.24	>10	58.2	787	3.37	0.37	0.24	0.03	50.66	17.4	137	8.80	44.1
31657	Core	0.008	0.19	3.50	485.6	129	0.96	0.18	0.27	0.07	21.22	6.7	136	1.94	14.0
31658	Core	0.005	0.09	2.38	10.5	60	0.40	0.06	0.37	0.02	16.50	3.4	187	1.00	8.0
31659	Core	0.076	0.97	4.47	819.1	223	1.43	0.11	0.20	0.07	21.29	7.4	160	7.93	19.7
31660	Reject	0.067	0.34	2.22	996.0	84	0.35	0.04	0.21	0.25	19.59	4.1	203	2.17	8.8
31661	Pulp	7.663	0.55	3.43	900.0	151	0.72	0.65	>10	4.31	29.23	6.6	103	6.76	30.9
31662	Reject	0.143	0.49	2.51	1554.8	88	0.40	0.05	0.17	0.73	23.72	3.9	204	2.70	8.9
31663	Core	0.074	0.32	1.78	1128.2	55	0.35	0.04	0.33	0.96	15.34	2.1	261	0.85	9.7
31664	Core	0.110	0.36	2.64	2439.1	105	0.52	0.05	0.42	2.12	22.61	3.4	249	1.51	6.2
31665	Core	0.117	0.16	3.19	1174.1	151	0.47	0.02	0.35	0.13	18.85	3.4	178	2.01	5.2
31666	Core	0.080	0.16	3.09	2793.3	131	0.56	0.03	0.45	0.81	17.63	4.3	182	1.83	8.2
31667	Core	0.048	0.21	2.26	408.5	99	0.43	0.03	0.41	0.28	18.27	3.0	180	1.12	6.6
31668	Core	0.115	0.12	3.28	1499.3	152	0.69	0.05	0.22	0.11	26.16	4.1	128	1.71	7.3
31669	Core	0.068	0.43	2.38	891.5	106	0.42	0.05	0.41	0.41	29.57	3.5	154	1.20	8.1
31670	Core	0.023	0.23	2.21	173.2	67	0.47	0.05	0.86	0.75	22.30	4.3	196	0.87	8.1
31671	Core	0.027	0.27	>10	44.2	804	3.04	0.40	0.53	0.09	39.27	13.6	149	8.66	35.1
31672	Core	0.009	0.30	>10	32.4	788	3.43	0.44	0.38	0.10	39.94	19.2	111	7.16	42.2
31673	Core	0.007	0.18	>10	26.6	682	3.29	0.43	0.36	0.08	54.50	18.9	109	6.74	43.4
31674	Core	0.040	0.18	>10	58.5	730	2.71	0.25	0.30	0.45	38.97	13.6	111	7.12	49.9
31675	Core	0.060	0.54	>10	70.7	733	3.82	0.43	0.26	7.23	30.32	15.9	139	7.84	53.9
31676	Core	0.074	0.32	>10	179.1	656	2.61	0.20	0.71	0.33	24.80	15.9	151	6.92	33.8
31677	Core	<0.005	0.14	0.10	<0.2	31	<0.05	0.03	>10	0.07	1.19	1.2	4	0.90	1.9
31678	Core	0.048	0.33	3.51	5253.3	82	0.74	0.09	1.51	0.33	26.46	5.1	189	1.57	12.2
31679	Core	0.459	0.20	4.46	956.7	214	1.29	0.10	1.46	0.52	21.83	7.7	170	3.10	16.8
31680	Core	0.101	0.32	>10	604.4	603	2.40	0.37	0.91	0.57	21.43	13.4	143	7.08	41.9
31681	Core	0.006	0.15	>10	33.6	707	2.40	0.34	0.20	<0.02	50.20	14.9	125	6.98	54.2
31682	Core	<0.005	0.12	>10	10.5	738	2.76	0.39	0.33	0.02	58.24	14.4	108	7.39	48.3
31683	Core	<0.005	0.16	>10	27.0	945	3.34	0.48	0.49	0.11	33.83	20.0	103	9.56	48.6
31684	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
31685	Core	0.006	0.22	9.74	32.2	704	2.61	0.53	0.99	0.12	33.78	17.4	137	7.48	56.5
31686	Core	<0.005	0.31	8.35	21.5	619	2.06	0.34	1.41	0.08	35.86	10.8	132	6.20	40.8
31687	Core	<0.005	0.69	9.98	22.0	671	2.79	0.45	0.67	0.10	20.75	13.6	102	7.41	44.3
31688	Core	0.005	1.28	>10	27.4	809	3.27	0.59	0.41	0.12	33.45	20.6	88	8.78	51.4
31689	Core	0.007	0.65	>10	32.1	926	3.89	0.58	0.40	0.14	35.62	22.2	99	9.66	49.0
31690	Core	<0.005	0.27	9.36	22.7	638	2.88	0.41	1.09	0.08	21.70	15.6	124	8.48	41.9
31691	Core	<0.005	0.26	9.60	31.5	633	2.45	0.57	0.65	0.15	38.04	25.2	107	8.72	45.4

NS = No Sample

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31692	Core	<0.005	0.27	>10	36.6	905	3.81	0.62	0.15	0.33	32.37	28.2	98	8.98	55.6
31693	Core	<0.005	0.17	>10	24.5	843	3.57	0.59	0.12	0.13	34.96	22.2	97	8.48	54.3
31694	Core	0.008	0.21	8.83	35.3	638	2.61	0.49	2.60	0.09	31.66	35.2	107	7.45	43.4
31695	Core	<0.005	0.17	>10	22.4	1040	3.31	0.62	0.31	0.09	31.27	24.2	109	9.24	55.2
31696	Reject	0.008	0.86	>10	37.1	1012	3.84	0.65	0.10	0.22	47.31	30.0	99	11.24	50.4
31697	Reject	0.007	0.42	>10	36.6	976	4.05	0.68	0.17	0.28	37.47	31.7	103	11.13	47.6
31698	Core	<0.005	0.47	0.06	<0.2	16	0.08	0.02	>10	0.06	1.03	1.1	5	0.23	2.2
31699	Core	0.006	0.53	>10	32.9	932	3.36	0.74	0.61	0.24	41.92	30.6	123	12.74	58.5
31700	Core	<0.005	0.26	>10	17.3	822	2.85	0.72	0.15	0.05	35.80	20.3	96	7.81	46.9
31701	Core	<0.005	0.26	>10	19.0	861	3.39	0.84	0.16	0.07	35.53	26.6	127	9.21	69.3
31702	Core	<0.005	0.20	>10	14.7	990	3.58	0.88	0.24	<0.02	48.34	20.0	172	12.25	50.7
31703	Core	<0.005	0.20	>10	8.0	150	2.96	0.40	0.13	<0.02	17.31	14.9	106	4.91	49.1
31704	Core	<0.005	0.25	>10	9.5	871	2.84	0.46	0.23	0.03	44.03	15.2	113	8.55	54.8
31705	Core	<0.005	0.17	10.00	7.1	581	1.65	0.46	0.26	0.10	40.80	15.5	146	5.55	41.5
31706	Core	<0.005	0.16	>10	5.8	752	2.53	0.38	0.32	0.06	45.35	14.8	116	7.20	47.4
31707	Core	<0.005	0.19	>10	7.3	673	2.56	0.30	0.61	0.05	60.70	13.9	129	6.41	43.0
31708	Core	<0.005	0.20	7.22	11.7	436	1.63	0.49	0.76	0.07	29.97	18.0	167	4.45	30.2
31709	Core	<0.005	0.32	6.13	6.0	334	1.26	0.16	0.63	0.06	26.92	8.9	152	3.96	23.9

NS = No Sample

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Richmond, British Columbia V7A 4V5
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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31652	Core	6.01	26.88	1.10	6.1	0.07	3.85	16.8	47.4	0.89	710	0.50	0.36	3.8	46.3
31653	Core	5.28	26.81	1.13	3.0	0.08	3.91	31.8	39.7	0.74	562	0.46	0.32	3.1	45.1
31654	Core	5.17	26.26	0.98	2.9	0.07	4.28	31.1	37.7	0.70	460	0.41	0.32	3.3	41.3
31655	Core	5.47	24.56	1.16	2.6	0.08	4.05	26.9	41.9	0.69	649	0.49	0.25	2.6	42.4
31656	Core	5.09	28.14	1.26	3.5	0.08	4.57	26.3	62.3	0.66	675	0.49	0.27	3.1	46.9
31657	Core	2.79	7.55	0.74	1.3	0.03	0.66	10.0	22.1	0.31	720	0.40	0.04	0.8	14.4
31658	Core	1.58	4.23	0.65	0.9	<0.01	0.37	7.5	32.3	0.24	408	0.34	0.03	0.5	8.0
31659	Core	1.85	10.29	1.25	1.7	0.02	1.17	10.5	21.6	0.22	437	0.52	0.07	1.0	17.5
31660	Reject	1.05	4.96	1.17	1.0	0.01	0.59	9.2	10.0	0.12	255	0.42	0.03	0.6	7.4
31661	Pulp	1.37	6.05	0.09	2.0	0.06	1.38	18.5	8.5	0.75	264	11.67	<0.01	7.7	56.2
31662	Reject	1.18	4.66	1.03	1.1	0.02	0.65	10.6	8.4	0.12	287	0.50	0.03	0.7	8.4
31663	Core	0.89	3.24	1.38	0.8	0.03	0.48	7.2	4.2	0.11	305	0.49	0.02	0.6	6.0
31664	Core	1.33	4.85	1.28	1.3	0.07	1.06	10.2	4.6	0.22	465	0.51	0.04	0.8	7.3
31665	Core	1.22	6.87	1.30	1.4	0.03	1.34	8.7	6.1	0.22	331	0.42	0.05	0.7	8.9
31666	Core	1.26	5.93	0.99	1.1	0.05	1.21	8.3	6.4	0.24	424	0.34	0.05	0.6	7.7
31667	Core	0.92	4.95	0.83	0.9	0.03	0.74	8.0	6.0	0.18	333	0.41	0.03	0.7	7.2
31668	Core	1.23	7.04	0.93	1.5	0.03	1.20	11.9	4.6	0.19	236	0.44	0.05	0.9	8.4
31669	Core	1.12	5.21	0.83	1.3	0.02	0.71	13.5	5.4	0.22	330	0.46	0.03	0.8	8.3
31670	Core	1.66	4.33	0.67	0.9	0.03	0.48	10.2	8.7	0.31	725	0.43	0.02	0.6	8.4
31671	Core	5.92	25.92	0.82	2.8	0.07	4.82	23.0	36.1	0.81	572	0.49	0.32	2.1	39.6
31672	Core	5.69	26.44	0.94	2.8	0.08	4.58	22.2	39.6	0.91	354	0.42	0.30	2.2	45.2
31673	Core	4.94	22.60	0.92	2.5	0.07	4.11	30.7	42.1	0.87	341	0.38	0.29	2.5	41.2
31674	Core	5.82	24.65	0.95	3.1	0.08	4.28	22.1	30.7	0.79	496	0.36	0.26	2.9	42.6
31675	Core	4.20	26.89	1.14	3.5	0.24	4.89	16.3	22.5	0.52	416	0.48	0.26	2.8	43.9
31676	Core	4.68	22.33	0.97	2.9	0.08	4.07	13.3	24.3	0.59	1081	0.47	0.21	2.5	36.8
31677	Core	0.43	0.51	<0.05	<0.1	<0.01	0.05	0.7	1.4	>10	186	<0.05	<0.01	0.3	3.5
31678	Core	1.87	5.80	1.21	1.1	0.03	0.52	12.2	12.7	0.46	743	0.42	0.03	0.7	10.9
31679	Core	2.77	9.85	0.99	1.5	0.04	1.13	10.8	33.7	0.60	1016	0.41	0.07	0.8	19.1
31680	Core	4.91	20.00	1.31	2.5	0.07	3.20	10.7	25.8	0.76	573	0.40	0.22	1.8	36.6
31681	Core	4.34	23.31	1.11	2.7	0.07	3.27	27.7	46.6	0.72	353	0.45	0.30	3.1	39.3
31682	Core	5.50	25.07	1.18	2.9	0.07	3.05	31.0	57.2	1.06	468	0.47	0.34	3.0	44.7
31683	Core	4.26	27.37	1.18	2.6	0.08	3.94	18.2	47.8	0.79	441	1.14	0.51	3.1	44.8
31684	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
31685	Core	4.24	19.75	1.01	2.4	0.08	2.74	18.5	43.8	0.69	763	2.29	0.39	2.2	35.2
31686	Core	4.80	17.40	0.85	1.9	0.06	2.32	17.9	38.8	1.22	1204	1.41	0.30	1.5	27.7
31687	Core	4.11	19.77	1.10	4.0	0.07	2.64	11.1	41.3	0.68	745	0.91	0.42	2.2	34.2
31688	Core	4.67	23.90	1.16	2.7	0.08	2.90	17.7	42.4	0.74	482	0.98	0.49	3.2	43.3
31689	Core	4.51	25.96	1.13	2.6	0.08	3.37	18.6	48.8	0.83	474	1.43	0.57	3.0	46.0
31690	Core	4.08	19.87	1.16	2.2	0.06	2.56	11.4	91.2	0.87	1033	1.02	0.36	1.7	35.3
31691	Core	4.95	19.90	1.09	2.1	0.06	2.62	19.8	82.2	1.01	621	2.27	0.33	1.6	49.5

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31692	Core	4.81	26.03	1.03	2.6	0.08	3.39	17.3	58.7	0.85	507	1.69	0.42	3.4	56.1
31693	Core	4.42	26.70	1.22	2.5	0.07	3.42	18.7	61.7	0.84	401	0.71	0.42	2.7	41.5
31694	Core	6.54	17.09	0.82	2.0	0.06	1.78	16.1	68.4	2.42	809	1.93	0.33	2.0	73.4
31695	Core	4.87	26.26	1.10	2.7	0.09	3.21	16.0	62.3	1.02	411	0.87	0.47	3.1	46.8
31696	Reject	4.65	26.38	1.28	4.5	0.10	3.49	24.5	64.4	0.84	339	1.76	0.47	4.7	56.1
31697	Reject	4.79	26.57	1.21	3.0	0.09	3.72	20.0	62.3	0.88	371	1.90	0.50	3.7	56.1
31698	Core	0.47	0.34	<0.05	0.2	<0.01	0.02	0.6	1.1	>10	201	0.07	<0.01	0.3	4.2
31699	Core	4.60	26.92	1.55	2.8	0.10	3.54	23.2	116.2	1.02	560	1.75	0.50	2.9	47.2
31700	Core	4.94	24.45	1.45	2.5	0.08	3.14	19.8	94.5	1.17	380	0.91	0.41	2.8	40.5
31701	Core	5.38	30.32	1.58	2.6	0.09	3.55	19.0	104.7	1.39	380	0.75	0.50	3.4	46.2
31702	Core	4.20	28.95	1.30	2.7	0.08	4.14	26.1	94.4	1.10	309	0.88	0.67	3.3	36.9
31703	Core	5.76	26.88	<0.05	3.1	0.09	2.13	7.2	113.6	1.19	369	0.37	0.37	4.2	49.7
31704	Core	5.22	28.22	1.50	3.2	0.08	1.87	24.3	110.7	1.37	384	0.48	0.42	2.8	45.9
31705	Core	4.94	20.23	1.29	2.5	0.07	2.49	21.9	85.5	1.28	428	0.43	0.30	2.3	37.3
31706	Core	4.98	24.83	1.28	2.9	0.08	3.25	25.0	91.8	1.35	369	0.34	0.38	2.4	43.0
31707	Core	4.34	22.27	1.40	2.6	0.07	1.75	32.2	83.0	1.13	374	0.42	0.34	2.4	38.8
31708	Core	4.02	15.62	1.03	2.1	0.05	1.80	15.5	55.7	0.93	539	0.51	0.31	1.5	30.9
31709	Core	2.97	12.75	0.79	1.8	0.04	1.48	13.6	34.6	0.65	626	0.41	0.18	1.0	21.4

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31652	Core	870	20.7	200.8	0.010	0.190	1.72	18.5	<1.0	2.7	127.9	1.43	<0.05	20.0	0.079
31653	Core	622	23.9	209.7	0.005	0.157	1.45	18.2	<1.0	2.8	115.8	0.42	<0.05	15.9	0.109
31654	Core	497	18.2	209.6	0.008	0.111	1.18	17.5	<1.0	2.7	109.6	0.40	<0.05	15.7	0.117
31655	Core	475	35.8	216.8	0.005	0.048	1.21	16.6	<1.0	2.7	101.5	0.30	<0.05	16.1	0.092
31656	Core	372	14.3	232.9	0.009	0.195	1.56	18.0	<1.0	2.9	97.0	0.38	<0.05	18.9	0.111
31657	Core	138	33.8	37.6	0.004	0.100	0.94	3.9	2.2	0.7	25.1	0.07	<0.05	7.7	0.021
31658	Core	90	11.5	19.0	0.004	0.045	0.47	1.9	<1.0	0.6	29.6	0.05	<0.05	6.3	0.013
31659	Core	125	16.9	68.0	0.009	0.260	1.63	5.5	<1.0	1.3	29.5	0.10	<0.05	10.3	0.033
31660	Reject	89	36.7	33.5	0.005	0.515	1.46	2.0	<1.0	1.8	16.7	0.06	<0.05	6.0	0.017
31661	Pulp	4130	5.8	109.2	0.043	1.134	18.17	6.2	9.0	1.8	140.1	0.48	0.06	6.0	0.198
31662	Reject	79	49.0	32.0	0.005	0.518	1.78	1.9	<1.0	2.8	14.0	0.07	<0.05	6.6	0.019
31663	Core	40	106.1	22.4	0.006	0.444	1.37	1.3	<1.0	2.6	11.3	<0.05	<0.05	4.7	0.013
31664	Core	72	192.6	48.5	0.007	0.975	2.65	1.8	<1.0	15.2	20.1	0.07	<0.05	8.9	0.020
31665	Core	51	16.5	65.6	0.006	0.980	1.74	2.6	1.4	19.0	23.2	0.07	<0.05	9.2	0.022
31666	Core	58	53.2	53.0	0.005	0.837	2.62	2.2	<1.0	14.2	24.2	0.06	<0.05	7.7	0.022
31667	Core	62	31.3	37.8	0.006	0.523	0.87	1.8	<1.0	5.1	22.4	0.06	<0.05	6.1	0.018
31668	Core	75	12.0	59.6	0.004	0.832	1.74	2.6	<1.0	9.3	19.9	0.09	<0.05	8.9	0.029
31669	Core	72	72.9	40.2	0.006	0.569	1.35	2.1	<1.0	2.9	25.7	0.07	<0.05	8.5	0.022
31670	Core	164	87.8	25.6	0.004	0.241	0.66	1.4	<1.0	3.2	31.2	0.06	<0.05	6.0	0.016
31671	Core	506	56.8	208.6	0.007	0.077	1.22	16.8	1.3	2.6	118.3	0.29	<0.05	17.2	0.090
31672	Core	831	29.8	211.0	0.007	0.218	2.02	17.8	<1.0	2.5	112.6	0.24	<0.05	15.8	0.094
31673	Core	683	32.2	180.0	0.006	0.289	2.18	15.2	<1.0	2.2	102.3	0.26	<0.05	16.3	0.104
31674	Core	383	20.1	194.1	0.007	1.619	1.66	16.1	1.2	3.8	97.9	0.31	<0.05	17.7	0.115
31675	Core	503	257.8	230.5	0.006	1.595	2.60	17.0	<1.0	6.8	96.9	0.26	<0.05	18.3	0.106
31676	Core	374	49.7	196.0	0.012	2.358	2.09	14.2	<1.0	6.2	91.4	0.24	<0.05	15.4	0.092
31677	Core	176	2.3	3.8	0.005	<0.01	<0.05	0.4	1.3	0.2	52.2	0.08	<0.05	0.2	<0.005
31678	Core	109	40.7	28.7	0.010	0.550	3.92	3.2	<1.0	1.1	102.6	0.06	<0.05	7.2	0.021
31679	Core	636	38.5	67.4	0.007	0.437	1.42	5.5	<1.0	0.9	97.7	0.08	<0.05	9.1	0.030
31680	Core	2012	24.8	164.0	0.009	0.876	2.26	12.3	<1.0	2.1	116.6	0.18	<0.05	13.8	0.073
31681	Core	268	3.6	177.3	0.006	0.138	0.95	15.1	<1.0	2.1	123.8	0.30	<0.05	16.1	0.109
31682	Core	449	3.9	168.1	0.006	0.132	0.70	15.2	<1.0	2.2	179.3	0.28	<0.05	16.6	0.110
31683	Core	1045	26.5	227.3	0.009	1.642	3.51	17.3	1.4	2.6	289.5	0.27	<0.05	14.0	0.113
31684	No Sample	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
31685	Core	240	47.5	155.0	0.009	2.834	3.01	13.3	2.5	2.0	241.3	0.19	<0.05	12.1	0.083
31686	Core	238	74.4	133.4	0.007	1.768	1.94	11.2	1.8	1.7	265.8	0.14	<0.05	10.7	0.058
31687	Core	185	35.4	163.8	0.009	1.975	3.52	13.3	<1.0	1.9	203.8	0.71	<0.05	14.2	0.066
31688	Core	191	46.6	188.9	0.010	2.650	5.11	16.4	2.5	2.4	238.5	0.48	<0.05	14.1	0.109
31689	Core	156	51.3	209.1	0.009	2.490	4.96	18.0	2.4	2.7	263.8	0.37	<0.05	14.2	0.098
31690	Core	149	37.4	161.4	0.009	1.886	3.36	13.2	1.4	1.9	259.9	0.18	<0.05	11.3	0.060
31691	Core	167	47.7	151.7	0.005	2.802	3.84	12.7	1.6	2.0	181.2	0.17	<0.05	11.9	0.062

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31692	Core	109	50.5	215.5	0.006	2.461	4.80	17.2	2.9	2.5	188.6	0.34	<0.05	12.7	0.117
31693	Core	188	32.8	217.7	0.006	1.843	2.88	15.2	<1.0	2.2	175.4	0.29	<0.05	12.9	0.103
31694	Core	159	46.1	98.2	0.008	2.513	4.73	11.0	<1.0	1.8	319.8	0.19	<0.05	8.4	0.075
31695	Core	1177	27.0	188.8	0.006	1.507	2.73	17.4	<1.0	2.4	650.6	0.31	<0.05	12.9	0.111
31696	Reject	139	40.2	226.7	0.010	2.273	5.60	17.5	1.8	2.8	216.7	0.69	<0.05	14.8	0.127
31697	Reject	146	41.0	222.9	0.011	2.434	5.24	17.4	2.0	2.6	210.4	0.42	<0.05	14.0	0.129
31698	Core	142	2.3	1.3	0.012	<0.01	<0.05	0.3	2.5	<0.2	50.6	0.16	<0.05	0.3	<0.005
31699	Core	218	37.6	217.0	0.008	1.854	3.58	18.2	1.5	2.5	281.1	0.32	<0.05	13.5	0.106
31700	Core	413	14.8	193.4	0.007	0.880	1.84	15.9	<1.0	2.2	178.9	0.28	<0.05	12.0	0.105
31701	Core	232	12.9	202.2	0.004	0.645	1.26	16.8	1.1	2.4	210.5	0.29	<0.05	12.2	0.108
31702	Core	185	11.3	233.1	0.007	0.734	0.89	18.3	2.4	2.7	271.2	0.30	<0.05	14.7	0.125
31703	Core	406	4.3	37.9	0.008	0.112	0.30	6.6	1.0	2.4	105.7	0.35	<0.05	4.7	0.147
31704	Core	462	5.0	112.3	0.006	0.134	0.30	15.9	1.7	2.4	182.9	0.26	<0.05	18.1	0.102
31705	Core	231	6.2	138.0	0.007	0.140	0.27	12.1	<1.0	1.7	116.4	0.23	<0.05	13.3	0.085
31706	Core	277	4.3	182.9	0.010	0.104	0.25	14.3	<1.0	2.0	142.8	0.24	<0.05	16.6	0.092
31707	Core	1136	8.3	98.7	0.005	0.110	0.27	13.3	1.3	2.0	154.7	0.20	<0.05	15.7	0.085
31708	Core	130	22.2	103.1	0.006	0.470	0.89	8.9	1.2	1.3	125.8	0.13	<0.05	11.6	0.054
31709	Core	145	15.6	82.6	0.006	0.170	0.35	7.1	1.1	1.1	87.6	0.10	<0.05	9.2	0.038

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31652	Core	1.30	4.1	150	3.3	8.7	124	95.5
31653	Core	1.18	3.6	145	3.4	9.2	121	102.7
31654	Core	1.23	3.9	151	2.0	8.8	115	96.3
31655	Core	1.21	3.8	138	2.4	8.8	155	90.6
31656	Core	1.44	4.3	150	6.2	10.0	106	115.1
31657	Core	0.19	1.2	38	6.1	4.5	78	50.2
31658	Core	0.10	0.8	25	3.3	2.4	28	28.6
31659	Core	0.39	1.9	48	20.5	4.7	34	63.3
31660	Reject	0.19	0.9	21	5.6	2.8	29	34.2
31661	Pulp	14.65	7.6	438	35.1	26.9	255	76.1
31662	Reject	0.20	0.9	23	7.2	2.9	71	37.2
31663	Core	0.12	0.6	17	3.3	2.2	72	26.3
31664	Core	0.25	1.2	25	2.8	3.5	136	42.4
31665	Core	0.34	1.2	33	2.3	3.9	11	49.8
31666	Core	0.33	1.0	32	2.5	3.3	57	37.0
31667	Core	0.19	0.9	23	1.4	2.8	26	34.0
31668	Core	0.35	1.3	33	2.1	3.7	18	48.0
31669	Core	0.22	1.2	27	1.9	3.7	36	44.3
31670	Core	0.14	0.9	23	3.3	3.4	70	31.8
31671	Core	1.33	4.0	158	7.3	6.2	113	85.6
31672	Core	1.29	4.5	156	2.2	7.8	126	83.6
31673	Core	1.13	4.1	142	1.5	7.2	118	80.7
31674	Core	1.29	4.4	147	2.1	7.5	100	92.1
31675	Core	1.33	4.6	150	4.0	10.0	495	120.7
31676	Core	1.17	3.7	128	5.2	8.8	74	96.6
31677	Core	<0.02	0.6	250	<0.1	0.8	18	0.6
31678	Core	0.15	1.1	32	3.0	4.2	43	43.9
31679	Core	0.37	1.6	59	6.3	5.6	90	50.2
31680	Core	0.98	3.7	123	9.1	9.3	152	81.3
31681	Core	0.97	4.0	135	4.5	7.3	104	95.9
31682	Core	1.05	4.2	148	2.8	7.5	122	100.9
31683	Core	1.30	4.6	150	2.5	7.5	107	87.1
31684	No Sample	NS	NS	NS	NS	NS	NS	NS
31685	Core	1.06	3.9	118	2.5	5.7	105	72.6
31686	Core	0.79	3.0	112	2.3	5.8	98	65.8
31687	Core	1.12	3.7	117	1.8	5.4	91	74.1
31688	Core	1.20	4.2	138	2.0	5.8	96	80.0
31689	Core	1.24	4.3	145	1.8	5.8	94	85.3
31690	Core	0.88	3.4	115	1.7	5.6	79	69.0
31691	Core	0.99	3.5	118	2.3	5.0	100	61.0

NS = No Sample

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31692	Core	1.22	4.2	152	1.7	5.7	105	83.9
31693	Core	1.26	4.2	144	1.4	5.0	110	70.8
31694	Core	0.85	3.0	143	2.1	4.6	94	78.6
31695	Core	1.23	4.9	152	2.3	7.5	125	77.6
31696	Reject	1.36	4.5	148	2.0	5.8	107	88.5
31697	Reject	1.43	4.7	160	2.2	5.6	116	90.6
31698	Core	<0.02	0.6	243	<0.1	0.7	13	0.6
31699	Core	1.47	4.6	158	2.2	6.2	101	81.7
31700	Core	1.17	3.9	146	0.9	5.8	114	77.4
31701	Core	1.17	3.8	159	1.0	5.5	118	90.0
31702	Core	1.30	4.3	170	1.3	6.0	91	89.1
31703	Core	1.05	4.1	154	1.0	1.6	128	102.4
31704	Core	1.25	4.9	161	0.7	7.5	114	103.6
31705	Core	0.84	3.6	132	0.4	5.8	109	81.7
31706	Core	1.11	4.9	154	0.6	6.9	113	87.8
31707	Core	0.92	4.2	133	0.5	8.4	98	87.2
31708	Core	0.63	3.0	96	0.5	5.3	77	69.2
31709	Core	0.48	2.2	74	0.8	4.1	66	54.1

NS = No Sample

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Richmond, British Columbia V7A 4V5
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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31652	Core		0.31	>10	28.6	772	2.83	0.54	0.40	0.09	31.27	19.3	128	9.45	49.0
31652 Dup			0.31	>10	26.1	797	2.89	0.50	0.38	0.08	47.27	18.0	123	9.22	43.9
QCV1112-00391-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.03		8.7	413		8.16		0.23	83.00	22.1		6.69	>10000
31670	Core		0.23	2.21	173.2	67	0.47	0.05	0.86	0.75	22.30	4.3	196	0.87	8.1
31670 Dup			0.25	2.24	157.0	69	0.31	0.07	0.83	0.75	22.86	4.7	185	0.83	7.8
QCV1112-00391-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.28		10.7	455		8.06		0.27	87.79	23.1		7.55	>10000
31689	Core		0.65	>10	32.1	926	3.89	0.58	0.40	0.14	35.62	22.2	99	9.66	49.0
31689 Dup			0.51	>10	27.7	858	3.54	0.58	0.45	0.13	19.17	21.0	103	9.68	47.0
QCV1112-00391-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.56	4.68	7095.4	231						10.8			26.9
31707	Core		0.19	>10	7.3	673	2.56	0.30	0.61	0.05	60.70	13.9	129	6.41	43.0
31707 Dup			0.20	>10	7.4	733	2.41	0.33	0.70	0.07	48.52	14.4	130	7.04	46.4
QCV1112-00391-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.58	4.41	6849.1	227						10.6			27.2
31652	Core	0.008													
31652 Dup		0.008													
31670	Core	0.023													
31670 Dup		0.020													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.871													
QCV1112-00392-0004-BLK		<0.005													
31689	Core	0.007													
31689 Dup		0.006													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.899													
QCV1112-00392-0008-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.944													

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31652	Core	6.01	26.88	1.10	6.1	0.07	3.85	16.8	47.4	0.89	710	0.50	0.36	3.8	46.3
31652 Dup		5.88	25.81	1.19	3.4	0.07	3.94	25.4	47.1	0.91	691	0.44	0.39	3.0	46.3
QCV1112-00391-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			16.34		3.4	1.13		42.2	24.8					13.8	38.7
31670	Core	1.66	4.33	0.67	0.9	0.03	0.48	10.2	8.7	0.31	725	0.43	0.02	0.6	8.4
31670 Dup		1.63	4.48	0.57	1.1	0.03	0.50	10.2	8.4	0.32	712	0.43	0.02	0.6	8.7
QCV1112-00391-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.90		3.4	1.29		43.5	26.0					14.2	44.1
31689	Core	4.51	25.96	1.13	2.6	0.08	3.37	18.6	48.8	0.83	474	1.43	0.57	3.0	46.0
31689 Dup		4.64	25.22	1.00	2.5	0.08	3.12	10.4	47.6	0.83	492	1.34	0.54	2.5	43.9
QCV1112-00391-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.97	455				47.5
31707	Core	4.34	22.27	1.40	2.6	0.07	1.75	32.2	83.0	1.13	374	0.42	0.34	2.4	38.8
31707 Dup		4.36	23.43	1.46	2.7	0.08	2.31	25.9	90.2	1.12	377	0.45	0.34	2.6	39.6
QCV1112-00391-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.78	428				46.4

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31652	Core	870	20.7	200.8	0.010	0.190	1.72	18.5	<1.0	2.7	127.9	1.43	<0.05	20.0	0.079
31652 Dup		876	20.0	208.7	0.008	0.190	1.64	17.7	<1.0	2.7	137.3	0.59	<0.05	16.9	0.100
QCV1112-00391-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			32.2	178.9	0.007	1.188	2.34	12.4	13.9	21.9	34.4	1.08	<0.05	16.1	
31670	Core	164	87.8	25.6	0.004	0.241	0.66	1.4	<1.0	3.2	31.2	0.06	<0.05	6.0	0.016
31670 Dup		132	90.0	25.7	0.008	0.241	0.65	1.5	<1.0	3.1	31.2	0.06	<0.05	6.4	0.015
QCV1112-00391-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			32.3	212.4	0.006	1.378	2.45	12.8	17.9	22.8	40.7	1.05	<0.05	15.5	
31689	Core	156	51.3	209.1	0.009	2.490	4.96	18.0	2.4	2.7	263.8	0.37	<0.05	14.2	0.098
31689 Dup		132	46.8	189.9	0.009	2.510	5.13	17.0	2.2	2.5	238.4	0.29	<0.05	14.7	0.095
QCV1112-00391-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		328	11.2												
31707	Core	1136	8.3	98.7	0.005	0.110	0.27	13.3	1.3	2.0	154.7	0.20	<0.05	15.7	0.085
31707 Dup		1134	8.8	148.7	0.008	0.105	0.27	13.9	1.7	2.0	161.4	0.24	<0.05	14.9	0.093
QCV1112-00391-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		315	12.1												

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11-360-08640-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31652	Core	1.30	4.1	150	3.3	8.7	124	95.5
31652 Dup		1.33	4.1	149	3.3	9.4	121	97.1
QCV1112-00391-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.94	3.1			26.1	169	121.8
31670	Core	0.14	0.9	23	3.3	3.4	70	31.8
31670 Dup		0.13	1.0	23	3.6	3.3	69	31.5
QCV1112-00391-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.94	3.2			26.0	179	123.3
31689	Core	1.24	4.3	145	1.8	5.8	94	85.3
31689 Dup		1.24	4.4	150	1.8	5.5	94	84.2
QCV1112-00391-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		20.79					205	
31707	Core	0.92	4.2	133	0.5	8.4	98	87.2
31707 Dup		1.03	4.2	133	0.5	9.0	98	92.5
QCV1112-00391-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.81					204	

3Ace Property, Northern Tiger Resources Inc.
Vol 10-53
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11-360-08641-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 91**
Client Reference: **Core 91**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 12/16/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	43	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-08641-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29658	Core	<0.005	0.39	8.76	48.9	431	2.26	1.55	2.60	0.06	34.49	25.0	66	3.78	61.5
29659	Core	<0.005	0.27	9.97	13.5	538	2.88	0.63	2.03	0.05	85.91	12.9	69	4.78	62.1
29660	Core	<0.005	0.16	>10	12.9	542	2.70	0.54	1.32	0.04	66.70	11.6	70	4.99	72.6
29661	Core	<0.005	0.11	>10	15.7	546	2.66	0.57	1.06	0.04	95.93	12.2	69	4.91	61.8
29662	Core	<0.005	0.12	9.52	20.3	547	2.38	0.71	1.72	0.04	102.89	12.1	71	4.98	67.3
29663	Core	0.012	0.13	>10	31.1	562	2.48	0.78	0.98	0.03	97.77	18.7	73	5.41	60.9
29664	Core	0.016	0.13	>10	50.9	539	2.42	0.77	3.41	0.05	44.12	28.6	74	5.81	62.2
29665	Core	<0.005	0.14	9.22	36.8	490	2.13	0.49	1.90	0.04	69.32	17.5	103	4.93	95.1
29666	Core	0.006	0.11	>10	33.7	493	2.60	0.56	2.60	0.04	76.50	21.0	78	6.93	64.4
29667	Core	<0.005	1.01	9.78	20.4	503	2.43	0.52	5.33	0.08	78.24	20.5	86	6.33	58.5
29668	Pulp	6.513	0.51	3.12	1025.7	159	0.80	0.64	9.65	4.23	28.55	7.2	82	6.63	45.0
29669	Core	<0.005	1.30	9.54	17.7	435	2.63	0.40	4.35	0.08	59.84	17.9	89	5.55	60.8
29670	Core	<0.005	1.29	>10	12.7	479	2.72	0.46	0.30	0.07	64.18	19.2	119	7.20	68.7
29671	Core	<0.005	0.19	>10	11.6	495	3.12	0.34	0.29	0.09	59.50	16.9	108	7.38	65.9
29672	Core	<0.005	0.30	>10	18.6	517	3.32	0.59	0.29	0.04	50.57	20.5	115	7.33	73.3
29673	Core	<0.005	0.42	>10	18.8	485	3.16	0.41	0.94	0.03	83.52	17.6	102	6.86	60.9
29674	Core	0.013	0.71	>10	28.7	538	3.21	0.37	1.94	0.08	44.73	17.2	100	7.89	77.5
29675	Core	0.007	0.18	>10	31.0	582	4.06	0.50	0.28	0.05	44.52	22.4	80	7.61	63.0
29676	Core	<0.005	0.21	>10	26.5	552	3.31	0.53	0.30	0.06	44.08	19.7	97	8.06	63.4
29677	Core	<0.005	0.28	>10	17.6	557	3.34	0.46	0.40	0.08	54.20	19.3	93	8.52	61.1
29678	Core	<0.005	0.40	>10	15.0	490	3.12	0.46	0.98	0.06	54.22	17.7	99	10.25	73.2
29679	Core	<0.005	0.20	>10	26.0	523	2.68	0.47	3.01	0.06	65.52	17.9	78	8.13	57.6
29680	Core	<0.005	0.25	>10	24.2	592	3.25	0.34	1.78	0.07	73.38	18.6	93	11.10	69.2
29681	Core	<0.005	0.25	9.82	15.2	576	3.92	0.42	0.72	0.09	75.20	16.8	159	8.06	69.9
29682	Core	<0.005	0.20	>10	12.6	609	3.20	0.47	0.41	0.05	84.16	20.4	109	8.46	75.8
29683	Core	<0.005	0.19	>10	15.7	521	2.76	0.49	3.33	0.12	44.80	18.9	117	8.34	68.8
29684	Core	<0.005	0.20	>10	15.7	584	3.19	0.50	3.03	0.10	35.87	19.3	121	9.37	66.7
29685	Core	<0.005	0.15	>10	10.9	631	3.76	0.33	2.18	0.13	38.38	16.6	123	12.32	63.0
29686	Core	<0.005	0.16	>10	12.5	623	3.08	0.38	1.18	0.08	44.75	19.6	91	10.42	71.2
29687	Core	0.006	0.13	>10	13.4	540	2.49	0.38	1.26	0.03	41.06	15.1	98	9.18	61.6
29688	Core	<0.005	0.16	>10	15.5	573	2.64	0.44	0.37	0.05	56.66	18.8	101	10.79	73.8
29689	Core	0.006	0.27	>10	67.2	655	4.06	0.45	0.20	0.10	59.87	22.2	119	17.07	77.1
29690	Core	0.064	0.20	>10	115.9	503	2.85	0.39	0.26	0.05	59.72	18.6	95	23.35	67.1
29691	Core	0.098	0.17	>10	166.4	413	3.02	0.38	0.84	0.05	62.14	16.9	110	29.09	61.3
29692	Core	<0.005	0.88	>10	21.4	539	3.26	0.39	0.40	0.05	38.99	17.4	122	10.18	52.6
29693	Core	<0.005	0.25	>10	12.6	672	3.38	0.46	0.17	0.05	39.81	19.9	115	12.42	77.3
29694	Core	<0.005	0.19	>10	7.3	642	3.14	0.39	0.17	0.04	50.40	19.2	109	11.00	64.5
29695	Core	<0.005	0.16	>10	8.2	635	2.99	0.44	0.35	0.03	57.80	19.2	104	9.74	65.5
29696	Core	<0.005	0.15	>10	8.3	618	3.46	0.41	0.19	0.05	47.02	19.2	115	10.46	58.6
29697	Core	<0.005	0.10	>10	10.0	640	3.82	0.46	0.24	0.05	41.40	22.8	112	11.25	77.7

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29698	Core	<0.005	0.18	>10	10.9	517	2.48	0.42	0.84	0.09	29.28	18.2	148	9.26	41.3
31710	Core	<0.005	0.09	4.78	4.1	273	0.86	0.09	0.47	0.03	31.41	4.9	126	2.61	21.8
31711	Core	<0.005	0.14	3.09	2.3	134	0.47	0.07	0.80	0.02	27.46	5.1	143	1.37	13.2
31712	Core	<0.005	0.07	2.60	2.4	94	0.38	0.06	0.76	<0.02	25.65	4.5	129	1.00	8.5

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29658	Core	5.02	21.23	1.67	4.5	0.08	0.82	18.0	87.1	1.69	2013	0.38	0.61	2.3	47.2
29659	Core	4.41	24.80	1.83	2.8	0.08	1.09	46.1	94.1	1.52	1573	0.34	0.71	2.6	42.8
29660	Core	4.03	23.92	1.67	2.9	0.07	2.87	36.7	91.1	1.30	1058	0.24	0.74	3.7	44.0
29661	Core	4.59	25.68	1.59	2.9	0.07	2.80	51.6	95.0	1.38	835	0.20	0.68	2.5	47.1
29662	Core	4.09	22.57	1.66	2.5	0.08	2.34	55.0	74.3	1.37	1251	0.40	0.58	2.6	40.3
29663	Core	5.01	23.18	1.77	2.5	0.07	3.07	53.7	93.3	1.43	848	0.17	0.55	2.5	51.8
29664	Core	4.67	23.44	1.38	2.2	0.07	1.97	23.9	75.5	1.29	1095	0.47	0.42	2.0	45.9
29665	Core	4.59	20.90	1.53	2.1	0.06	2.50	35.4	85.6	1.39	1404	0.27	0.46	1.5	47.5
29666	Core	4.36	22.71	1.51	2.3	0.07	2.05	40.4	196.5	1.33	1219	0.35	0.67	1.9	47.1
29667	Core	3.99	24.25	1.43	2.4	0.07	1.75	41.9	86.4	1.13	906	1.66	0.76	2.4	43.3
29668	Pulp	1.26	7.45	0.19	2.2	0.06	1.35	17.3	10.1	0.76	229	11.88	<0.01	7.6	70.2
29669	Core	4.02	21.95	1.66	2.3	0.07	1.76	31.8	82.9	1.18	872	1.91	0.76	2.7	43.0
29670	Core	5.15	25.46	1.48	3.3	0.07	2.49	31.4	114.1	1.39	524	0.51	0.89	3.7	51.8
29671	Core	5.07	26.90	1.48	3.0	0.08	2.42	31.0	110.3	1.35	480	0.46	0.90	2.6	48.1
29672	Core	5.23	27.39	1.20	3.2	0.09	2.41	24.4	125.8	1.35	464	0.43	0.97	2.6	52.8
29673	Core	4.99	25.52	1.33	3.0	0.09	1.81	40.7	112.5	1.29	452	0.84	0.83	2.7	50.2
29674	Core	4.37	25.43	1.04	2.2	0.08	2.61	23.4	84.4	1.22	1021	0.96	0.71	3.4	42.2
29675	Core	4.79	27.38	1.37	2.4	0.08	2.02	24.6	84.3	1.21	443	0.28	0.90	2.3	50.9
29676	Core	5.23	26.98	1.08	3.0	0.09	2.65	24.2	217.2	1.28	492	0.49	0.84	3.4	50.9
29677	Core	4.99	26.86	1.21	2.6	0.08	1.85	29.9	94.4	1.40	489	0.81	0.77	2.8	52.5
29678	Core	5.10	26.34	1.23	3.0	0.08	2.32	29.3	120.2	1.48	829	0.44	0.78	2.7	52.4
29679	Core	4.60	23.42	0.93	3.0	0.08	2.27	36.7	97.2	1.46	687	0.37	0.72	2.9	45.5
29680	Core	4.40	27.21	1.12	2.6	0.08	2.62	40.1	192.6	1.28	630	0.41	0.74	4.5	48.2
29681	Core	4.29	26.95	1.25	3.3	0.08	2.53	38.5	100.1	1.18	559	0.52	0.70	3.8	47.7
29682	Core	5.14	28.29	1.45	3.6	0.09	2.72	44.0	109.0	1.37	498	0.44	0.81	5.3	55.4
29683	Core	4.90	22.77	0.82	3.2	0.07	1.94	23.1	161.5	1.26	1025	0.54	0.70	3.7	46.7
29684	Core	4.46	23.20	0.81	2.3	0.07	2.59	20.0	105.6	1.19	910	0.42	0.71	3.1	46.3
29685	Core	4.41	27.41	1.01	2.6	0.08	2.76	21.1	125.4	1.21	892	0.40	0.79	2.9	48.7
29686	Core	5.35	29.66	1.19	2.5	0.08	2.31	24.9	144.0	1.44	764	0.31	0.77	2.8	55.9
29687	Core	5.18	25.23	1.08	2.9	0.07	2.55	22.0	148.1	1.30	557	0.44	0.74	3.3	46.4
29688	Core	5.22	26.50	1.09	3.2	0.07	2.61	32.1	159.9	1.33	601	0.44	0.77	3.7	52.2
29689	Core	5.18	30.14	0.79	3.0	0.10	2.68	30.9	958.0	1.17	351	0.36	0.89	3.6	59.9
29690	Core	5.14	27.05	0.90	2.9	0.07	2.30	27.0	753.3	1.16	347	0.36	0.78	3.6	49.4
29691	Core	4.75	26.23	0.83	2.8	0.07	1.97	31.6	670.2	1.24	460	0.42	0.52	3.1	48.9
29692	Core	4.84	24.79	0.92	2.8	0.07	2.45	17.9	236.6	1.24	506	0.46	0.76	1.8	47.2
29693	Core	5.25	31.12	0.93	3.1	0.08	1.50	17.4	125.4	1.21	345	0.41	0.98	2.4	58.6
29694	Core	5.38	28.12	1.17	2.9	0.08	2.44	23.0	101.1	1.27	369	0.44	0.92	2.4	53.5
29695	Core	5.39	27.83	1.11	3.4	0.08	2.61	29.5	104.1	1.32	447	0.54	0.87	2.0	55.7
29696	Core	5.18	28.72	1.02	3.4	0.08	2.70	23.9	104.9	1.22	358	0.69	0.89	1.5	52.8
29697	Core	5.35	33.51	0.94	3.2	0.09	2.90	18.0	116.0	1.24	390	0.58	0.98	1.8	57.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29698	Core	5.16	25.95	0.99	2.9	0.08	2.34	11.8	169.1	1.23	666	0.46	0.77	1.3	48.1
31710	Core	2.51	11.24	0.56	1.8	0.03	1.13	15.1	31.9	0.57	540	0.36	0.27	1.1	18.6
31711	Core	1.76	6.45	0.34	1.5	0.02	0.56	12.6	28.8	0.56	668	0.42	0.37	1.0	11.4
31712	Core	1.35	5.58	0.34	1.4	0.01	0.37	11.6	38.9	0.43	788	0.35	0.04	0.6	9.6

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29658	Core	198	19.8	126.2	0.006	0.341	4.40	15.6	<1.0	1.8	170.6	0.31	<0.05	11.4	0.045
29659	Core	216	10.4	59.2	0.003	0.063	1.41	17.1	<1.0	2.1	179.1	0.26	<0.05	14.4	0.062
29660	Core	230	10.2	150.7	<0.002	0.058	1.14	16.9	<1.0	2.2	180.5	0.33	<0.05	14.2	0.079
29661	Core	258	9.0	147.6	<0.002	0.054	0.84	16.0	1.6	2.1	173.4	0.28	<0.05	16.5	0.061
29662	Core	234	21.3	124.8	0.004	0.069	1.01	17.1	<1.0	2.1	161.5	0.21	<0.05	14.5	0.058
29663	Core	271	15.2	154.1	<0.002	0.080	1.35	16.2	1.2	2.1	150.4	0.25	<0.05	18.0	0.067
29664	Core	503	43.4	95.9	<0.002	0.349	3.45	15.9	2.0	2.0	184.6	0.20	<0.05	11.8	0.053
29665	Core	295	45.1	128.5	<0.002	0.077	0.93	14.4	1.0	2.0	142.2	0.15	<0.05	12.8	0.041
29666	Core	277	29.8	103.9	0.003	0.241	2.68	15.4	1.8	2.1	206.9	0.18	<0.05	13.8	0.052
29667	Core	611	26.9	99.9	0.003	0.161	1.72	15.8	1.7	2.0	286.8	0.23	<0.05	14.0	0.052
29668	Pulp	4008	7.4	117.2	0.038	1.405	17.18	6.4	9.7	1.7	121.5	0.45	0.05	6.2	0.170
29669	Core	525	22.9	95.4	0.002	0.153	1.50	15.3	1.4	1.9	254.8	0.22	<0.05	11.8	0.059
29670	Core	381	16.8	132.5	<0.002	0.072	1.10	17.4	1.9	2.2	181.8	0.29	<0.05	18.6	0.080
29671	Core	469	17.7	129.1	0.003	0.058	0.92	18.7	2.4	2.1	186.3	0.20	<0.05	16.3	0.058
29672	Core	597	26.1	130.4	0.002	0.090	1.45	18.9	1.7	2.1	208.9	0.24	<0.05	18.8	0.068
29673	Core	775	12.9	105.7	0.003	0.086	1.31	18.2	2.2	2.1	199.5	0.22	<0.05	17.5	0.064
29674	Core	484	23.4	159.1	0.005	0.520	4.28	18.0	1.3	2.2	219.6	0.26	<0.05	11.6	0.074
29675	Core	437	23.7	110.8	0.003	0.893	5.26	16.9	2.7	2.3	261.6	0.17	<0.05	12.7	0.063
29676	Core	486	28.4	151.6	<0.002	0.450	2.47	18.1	2.0	2.4	219.3	0.28	<0.05	14.3	0.080
29677	Core	452	24.4	111.6	<0.002	0.242	1.36	17.6	2.1	2.3	265.2	0.31	<0.05	13.1	0.063
29678	Core	575	13.2	132.6	0.003	0.162	1.89	16.2	1.2	2.1	201.1	0.30	<0.05	16.2	0.060
29679	Core	656	20.3	130.4	0.003	0.224	1.64	15.3	1.3	2.0	257.4	0.30	<0.05	15.8	0.064
29680	Core	576	21.4	163.1	0.003	0.288	1.84	17.2	1.7	2.4	209.9	0.34	<0.05	14.7	0.102
29681	Core	685	40.3	153.8	<0.002	0.120	0.93	17.4	2.2	2.2	180.2	0.27	<0.05	15.4	0.087
29682	Core	583	21.4	167.2	<0.002	0.156	1.15	20.0	1.6	2.5	188.1	0.34	<0.05	16.9	0.132
29683	Core	464	29.4	110.3	0.006	0.646	2.26	16.1	1.2	2.2	242.8	0.29	<0.05	15.3	0.094
29684	Core	469	48.4	148.8	0.004	0.491	1.48	14.4	1.4	2.2	232.1	0.26	<0.05	13.3	0.082
29685	Core	463	29.1	167.2	<0.002	0.217	1.26	17.8	2.0	2.4	263.3	0.21	<0.05	14.3	0.074
29686	Core	316	45.0	145.3	<0.002	0.189	1.26	17.2	1.9	2.3	206.0	0.22	<0.05	15.1	0.065
29687	Core	1775	16.3	146.3	<0.002	0.813	1.53	15.9	1.5	2.1	206.1	0.28	<0.05	14.5	0.083
29688	Core	367	27.8	149.9	0.006	0.164	1.15	17.3	1.3	2.2	194.2	0.31	<0.05	17.2	0.098
29689	Core	595	25.2	173.2	0.003	0.202	5.28	19.8	2.8	2.7	229.8	0.27	<0.05	17.4	0.082
29690	Core	655	14.8	126.5	0.004	0.443	3.21	16.7	2.5	2.2	195.6	0.29	<0.05	16.2	0.079
29691	Core	476	21.6	127.4	<0.002	0.333	3.21	16.5	2.2	2.3	192.3	0.23	<0.05	16.8	0.071
29692	Core	466	29.5	140.1	0.002	0.079	0.86	16.8	1.6	1.9	200.2	0.15	<0.05	15.8	0.045
29693	Core	549	12.6	92.6	<0.002	0.099	0.96	19.2	2.6	2.4	237.1	0.18	<0.05	17.8	0.061
29694	Core	544	18.3	136.7	<0.002	0.090	0.75	18.4	2.8	2.3	218.4	0.19	<0.05	18.0	0.069
29695	Core	735	31.8	156.5	0.002	0.114	0.84	18.6	3.3	2.2	205.6	0.17	<0.05	16.8	0.058
29696	Core	391	16.3	153.3	0.002	0.098	0.61	18.7	2.0	2.1	194.6	0.13	<0.05	17.1	0.044
29697	Core	476	14.9	184.9	<0.002	0.114	0.66	21.4	2.4	2.5	214.5	0.14	<0.05	17.7	0.049

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29698	Core	1143	43.0	135.1	0.002	0.116	0.45	16.0	2.0	1.9	202.5	0.13	<0.05	15.4	0.037
31710	Core	141	11.1	66.2	<0.002	0.054	0.16	6.0	1.3	1.2	56.5	0.08	<0.05	9.0	0.031
31711	Core	103	11.4	32.1	<0.002	0.032	0.13	3.6	1.9	0.8	42.5	0.07	<0.05	8.0	0.021
31712	Core	101	10.6	23.2	<0.002	0.016	0.15	2.9	1.7	0.5	39.1	<0.05	<0.05	6.6	0.017

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29658	Core	0.67	4.3	135	0.5	8.4	100	76.7
29659	Core	0.70	3.9	137	0.6	9.4	90	89.5
29660	Core	0.79	4.3	137	0.8	8.3	90	82.3
29661	Core	0.82	4.4	140	0.5	8.3	109	79.8
29662	Core	0.78	3.9	132	0.5	8.8	88	76.0
29663	Core	0.93	2.8	148	0.7	8.6	112	64.2
29664	Core	0.94	3.3	134	0.7	8.7	95	62.9
29665	Core	0.76	3.3	126	0.7	7.7	95	61.6
29666	Core	0.73	3.1	134	0.7	8.7	87	68.7
29667	Core	0.67	3.7	124	3.4	10.3	94	74.1
29668	Pulp	13.23	8.6	376	34.4	26.5	250	77.5
29669	Core	0.61	3.2	124	4.1	9.9	94	68.8
29670	Core	0.73	4.4	151	0.6	7.4	126	99.0
29671	Core	0.73	4.1	151	0.4	7.5	121	95.3
29672	Core	0.76	5.1	157	0.4	8.0	118	93.1
29673	Core	0.70	4.3	143	1.5	9.1	107	93.6
29674	Core	0.74	3.4	137	1.8	8.1	97	87.4
29675	Core	0.81	3.6	141	0.4	7.2	109	79.5
29676	Core	0.87	4.3	147	0.5	7.2	122	88.1
29677	Core	0.69	3.5	144	0.6	8.2	118	85.8
29678	Core	0.71	4.0	149	0.5	8.8	120	91.9
29679	Core	0.75	4.0	135	0.4	10.2	110	81.0
29680	Core	0.78	3.6	142	0.5	9.8	106	94.8
29681	Core	0.77	4.3	137	0.5	10.2	97	105.3
29682	Core	0.80	4.5	159	0.5	10.4	118	122.5
29683	Core	0.86	4.4	143	0.5	9.3	108	98.9
29684	Core	0.78	3.6	133	0.4	7.5	109	66.9
29685	Core	0.87	4.8	144	0.5	10.0	112	79.1
29686	Core	0.85	4.2	147	0.4	6.4	128	82.0
29687	Core	0.89	4.3	140	0.5	8.9	113	82.3
29688	Core	0.84	4.7	148	0.5	7.2	124	100.1
29689	Core	0.88	4.8	150	1.4	7.0	131	92.1
29690	Core	0.73	4.6	146	2.2	8.0	121	93.6
29691	Core	0.65	4.3	141	3.2	8.6	117	85.9
29692	Core	0.80	4.1	137	0.9	6.8	108	82.2
29693	Core	0.97	5.1	159	0.5	6.9	123	96.8
29694	Core	0.84	4.7	157	0.5	7.5	127	89.7
29695	Core	0.81	4.7	155	0.5	9.0	123	103.9
29696	Core	0.88	4.8	150	0.4	8.0	117	98.7
29697	Core	0.87	5.2	163	0.3	8.5	127	108.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29698	Core	0.75	4.3	143	0.4	8.6	121	82.8
31710	Core	0.33	1.8	61	0.6	4.6	51	58.6
31711	Core	0.18	1.4	42	0.5	4.4	25	49.7
31712	Core	0.12	1.1	34	0.4	3.8	19	47.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29658	Core		0.39	8.76	48.9	431	2.26	1.55	2.60	0.06	34.49	25.0	66	3.78	61.5
29658 Dup			0.27	8.73	45.4	427	2.17	1.72	2.54	0.06	69.50	25.3	62	4.00	62.8
QCV1112-00217-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.84	7.50	7.1	439	2.76	2.15		0.07	87.52	15.9		6.83	2224.5
29676	Core		0.21	>10	26.5	552	3.31	0.53	0.30	0.06	44.08	19.7	97	8.06	63.4
29676 Dup			0.37	>10	23.9	537	3.55	0.49	0.28	0.05	34.04	17.7	92	7.52	63.9
QCV1112-00217-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			95.43												5917.6
29694	Core		0.19	>10	7.3	642	3.14	0.39	0.17	0.04	50.40	19.2	109	11.00	64.5
29694 Dup			0.15	>10	9.1	643	3.37	0.40	0.18	0.04	51.29	17.4	109	11.00	58.7
QCV1112-00217-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.70	7.49	6.0	433	2.57	2.50		0.07	87.74	16.2		6.97	2226.9
29658	Core	<0.005													
29658 Dup		<0.005													
29676	Core	<0.005													
29676 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.929													
QCV1112-00218-0004-BLK		<0.005													
29694	Core	<0.005													
29694 Dup		<0.005													
QCV1112-00218-0006-BLK		<0.005													

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29658	Core	5.02	21.23	1.67	4.5	0.08	0.82	18.0	87.1	1.69	2013	0.38	0.61	2.3	47.2
29658 Dup		4.97	21.06	1.67	3.3	0.07	2.22	36.6	87.8	1.72	1970	0.35	0.64	2.8	48.6
QCV1112-00217-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.28	19.02		3.8	0.35	2.00	43.0	26.2	1.54		0.32	0.48	15.2	38.5
29676	Core	5.23	26.98	1.08	3.0	0.09	2.65	24.2	217.2	1.28	492	0.49	0.84	3.4	50.9
29676 Dup		4.94	24.97	1.10	4.2	0.08	2.57	18.3	199.2	1.19	469	0.49	0.82	4.0	48.5
QCV1112-00217-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
29694	Core	5.38	28.12	1.17	2.9	0.08	2.44	23.0	101.1	1.27	369	0.44	0.92	2.4	53.5
29694 Dup		5.35	28.74	1.15	3.0	0.08	2.72	23.7	98.1	1.25	369	0.41	0.90	1.8	51.8
QCV1112-00217-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.26	17.99		4.1	0.34	2.81	43.1	26.6	1.55		0.32	0.48	13.0	41.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29658	Core	198	19.8	126.2	0.006	0.341	4.40	15.6	<1.0	1.8	170.6	0.31	<0.05	11.4	0.045
29658 Dup		210	19.6	119.3	0.002	0.337	4.48	16.8	1.4	1.8	173.6	0.34	<0.05	14.8	0.057
QCV1112-00217-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		687	10.3		0.006	0.267	1.12	12.9	4.6	10.3	32.1	0.97	<0.05	16.6	
29676	Core	486	28.4	151.6	<0.002	0.450	2.47	18.1	2.0	2.4	219.3	0.28	<0.05	14.3	0.080
29676 Dup		450	25.1	142.3	0.003	0.425	2.39	17.5	1.2	2.3	211.8	0.67	<0.05	13.9	0.077
QCV1112-00217-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000			2.411									
29694	Core	544	18.3	136.7	<0.002	0.090	0.75	18.4	2.8	2.3	218.4	0.19	<0.05	18.0	0.069
29694 Dup		553	18.1	155.6	0.002	0.088	0.73	18.1	3.1	2.2	212.9	0.16	<0.05	17.6	0.060
QCV1112-00217-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		676	10.6		0.004	0.289	1.02	13.9	5.3	10.5	31.3	0.98	<0.05	17.8	

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29658	Core	0.67	4.3	135	0.5	8.4	100	76.7
29658 Dup		0.74	4.8	134	0.7	9.1	98	78.6
QCV1112-00217-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.1		2.4	26.0	87	127.8
29676	Core	0.87	4.3	147	0.5	7.2	122	88.1
29676 Dup		0.84	4.0	140	0.6	7.0	113	81.5
QCV1112-00217-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4944	
29694	Core	0.84	4.7	157	0.5	7.5	127	89.7
29694 Dup		0.86	5.1	154	0.4	7.3	124	88.3
QCV1112-00217-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.4		2.4	27.2	88	122.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 92**
Client Reference: **Core 92**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 12/21/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	42	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08860-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31713	Core	<0.005	0.15	2.14	3.3	78	0.33	0.11	1.42	0.04	22.81	4.3	134	1.10	9.8
31714	Core	<0.005	0.10	2.30	3.9	68	0.29	0.05	0.40	<0.02	23.91	3.9	122	0.93	10.5
31715	Core	<0.005	0.11	2.30	4.8	77	0.49	0.05	0.57	<0.02	26.47	3.7	110	0.94	9.8
31716	Core	<0.005	0.15	2.15	3.0	71	0.33	0.03	0.73	0.03	20.69	4.7	111	0.93	8.8
31717	Core	<0.005	0.12	2.11	2.5	72	0.29	0.04	0.50	<0.02	26.65	3.8	151	0.95	11.2
31718	Core	<0.005	0.13	4.09	3.4	233	0.61	0.11	0.71	0.03	42.64	7.3	130	2.35	17.0
31719	Core	<0.005	0.16	4.09	6.1	198	0.68	0.10	0.58	0.03	32.12	7.6	101	2.28	19.8
31720	Core	<0.005	0.12	6.19	3.9	393	1.14	0.16	0.21	0.03	40.74	11.3	110	3.92	32.1
31721	Core	<0.005	0.36	5.59	3.9	320	1.10	0.16	0.63	0.06	32.13	12.5	124	3.25	29.6
31722	Core	<0.005	0.24	9.24	6.2	643	2.10	0.23	0.21	0.05	61.70	12.1	113	6.16	52.8
31723	Core	<0.005	0.15	>10	8.8	872	2.47	0.48	0.10	0.05	40.48	17.8	106	7.43	59.2
31724	Core	0.008	0.16	9.25	4.4	680	2.27	0.24	0.20	0.04	53.62	13.7	110	6.33	51.7
31725	Core	<0.005	0.30	9.95	11.8	789	2.31	0.57	0.15	0.03	40.32	20.1	92	7.88	56.7
31726	Core	<0.005	0.12	7.30	6.2	542	1.70	0.17	0.59	0.04	39.22	11.8	100	6.28	44.7
31727	Core	<0.005	0.16	5.75	2.8	505	1.69	0.14	1.00	0.04	55.24	9.3	124	4.39	37.9
31728	Core	<0.005	0.15	>10	26.5	942	3.24	0.57	0.18	0.03	33.10	33.7	90	8.93	69.2
31729	Core	<0.005	0.14	>10	12.9	797	2.84	0.39	0.25	0.06	46.63	15.6	89	7.48	64.4
31730	Core	<0.005	0.11	>10	10.5	825	2.90	0.36	0.38	0.04	50.73	14.5	81	7.67	63.5
31731	Core	<0.005	0.13	>10	20.1	885	2.90	0.56	0.61	0.14	49.63	23.7	73	7.95	55.3
31732	Core	<0.005	0.14	>10	21.1	939	2.83	0.52	0.48	0.12	45.58	21.1	74	8.33	68.4
31733	Pulp	7.888	0.46	3.13	863.3	180	0.82	0.59	9.82	4.52	30.78	7.5	79	7.36	43.1
31734	Core	<0.005	0.18	>10	19.3	987	3.26	0.55	0.48	0.11	47.49	21.7	75	8.66	70.0
31735	Core	<0.005	0.16	>10	31.3	906	2.89	0.58	0.15	0.17	49.09	25.3	74	8.27	64.5
31736	Core	0.006	0.16	>10	31.7	945	3.08	0.54	0.17	0.14	38.73	23.6	75	8.54	61.2
31737	Core	0.008	0.24	>10	38.3	889	3.52	0.62	1.52	0.21	38.22	27.7	107	11.44	80.8
31738	Core	0.008	0.26	>10	37.2	914	3.10	0.54	0.32	0.17	23.41	23.6	91	9.00	70.5
31739	Core	<0.005	0.18	8.98	24.8	750	2.68	0.36	1.03	0.07	18.96	19.1	102	7.60	60.7
31740	Core	<0.005	0.23	>10	28.0	867	3.53	0.44	0.82	0.14	21.51	23.9	74	8.35	69.2
31741	Core	<0.005	0.21	>10	25.9	921	3.12	0.51	0.37	0.08	27.49	22.3	86	8.71	58.3
31742	Core	<0.005	0.18	>10	17.8	860	3.03	0.46	0.33	0.07	21.08	21.5	93	8.35	60.5
31743	Core	<0.005	0.17	>10	18.0	901	2.91	0.42	0.39	0.05	24.05	20.9	101	8.48	65.8
31744	Core	<0.005	0.13	7.36	12.0	568	2.00	0.27	1.35	0.06	21.89	13.7	107	5.40	46.1
31745	Core	0.005	0.17	>10	24.0	1072	4.22	0.49	0.16	0.14	22.58	27.8	85	9.90	72.3
31746	Core	<0.005	0.15	>10	20.7	958	3.61	0.47	0.15	0.11	26.17	25.5	92	9.08	70.6
31747	Core	<0.005	0.93	>10	19.9	938	3.36	0.47	0.13	0.06	42.71	22.7	86	8.51	64.5
31748	Core	<0.005	0.31	>10	18.9	900	2.95	0.42	0.24	0.10	30.90	20.9	84	8.27	71.0
31749	Core	0.006	0.28	>10	30.5	926	3.59	0.51	0.69	0.14	29.69	26.0	100	8.57	73.3
31750	Core	<0.005	0.22	>10	28.0	827	2.87	0.47	0.54	0.10	69.43	23.6	85	8.39	62.3
31751	Core	0.036	0.19	>10	26.0	853	3.34	0.46	0.50	0.08	34.15	23.9	89	7.60	60.4
31752	Core	0.017	0.25	>10	35.4	867	2.97	0.44	0.50	0.10	25.38	24.1	97	7.59	70.0

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Northern Tiger Resources
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Edmonton, AB T5S 1K7

		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		Au-2AT-AA	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT	50-4A-UT
Sample	Sample	g/ton	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Description	Type	0.005	0.01	0.01	0.2	5	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
31753	Core	0.007	0.22	>10	42.0	933	3.55	0.37	0.13	0.06	48.91	23.7	91	8.18	70.3
31754	Core	0.007	0.19	>10	33.0	900	3.50	0.47	0.27	0.07	63.16	29.0	100	7.86	65.5
31755	Core	0.008	0.16	>10	26.7	948	3.40	0.36	0.21	0.08	34.86	20.9	100	8.06	65.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31713	Core	1.30	4.08	0.43	1.4	0.01	0.31	11.1	36.0	0.70	614	0.38	0.04	0.8	9.8
31714	Core	1.34	4.25	0.65	1.4	<0.01	0.32	10.8	26.2	0.35	377	0.37	0.04	0.8	9.2
31715	Core	1.19	4.70	0.62	1.6	0.01	0.32	12.0	28.2	0.35	584	0.33	0.03	0.9	7.8
31716	Core	1.53	4.09	0.52	1.0	0.01	0.29	9.6	27.0	0.51	420	0.33	0.04	0.6	9.8
31717	Core	1.16	4.20	0.49	1.2	0.01	0.29	11.7	21.3	0.34	460	0.38	0.04	0.7	8.1
31718	Core	1.74	9.03	0.47	1.8	0.02	0.97	20.3	29.0	0.54	592	0.38	0.11	1.5	15.4
31719	Core	2.12	8.73	0.68	1.9	0.02	0.85	15.8	27.3	0.58	647	0.34	0.17	1.1	18.1
31720	Core	2.70	14.19	0.85	2.5	0.04	1.60	21.8	41.0	0.64	338	0.34	0.20	2.2	27.5
31721	Core	3.21	13.11	0.93	1.7	0.03	1.27	16.3	46.5	0.89	573	0.50	0.27	1.9	28.9
31722	Core	3.49	20.33	1.14	2.8	0.06	2.78	32.9	57.4	0.96	302	0.42	0.34	3.1	33.9
31723	Core	4.13	25.78	1.34	3.0	0.08	3.42	19.8	76.8	1.09	299	0.65	0.39	3.2	42.9
31724	Core	3.33	21.24	1.17	2.8	0.06	2.63	29.1	71.8	0.64	277	0.43	0.28	2.4	34.1
31725	Core	3.72	23.32	1.05	2.8	0.07	2.87	22.1	56.3	0.90	294	0.53	0.32	2.9	36.6
31726	Core	3.51	16.70	1.07	2.1	0.05	1.68	20.8	58.9	0.91	461	0.45	0.21	2.3	30.0
31727	Core	2.97	12.94	0.91	2.0	0.05	1.49	28.7	45.0	0.97	488	0.44	0.18	1.7	24.5
31728	Core	4.58	25.46	1.40	3.2	0.09	3.62	18.1	74.5	1.09	312	0.73	0.47	3.7	50.6
31729	Core	4.45	23.71	1.31	2.8	0.08	3.21	24.3	80.0	1.28	374	0.46	0.40	3.1	43.2
31730	Core	5.29	23.49	1.74	2.6	0.07	3.05	27.0	89.8	1.45	436	0.46	0.37	2.7	49.6
31731	Core	4.44	19.94	1.18	2.3	0.08	3.16	25.8	43.5	1.03	553	1.07	0.41	2.8	41.9
31732	Core	5.01	22.47	1.11	2.6	0.08	3.30	24.5	48.7	0.99	600	1.05	0.43	3.0	42.8
31733	Pulp	1.21	6.26	0.22	2.4	0.07	1.37	19.9	9.3	0.76	228	11.19	<0.01	8.0	68.8
31734	Core	4.83	23.70	1.33	2.7	0.08	3.35	25.6	44.3	0.97	589	1.00	0.43	2.8	42.1
31735	Core	4.25	24.04	1.36	2.5	0.08	3.30	26.0	50.3	0.64	442	1.73	0.43	3.1	51.8
31736	Core	4.27	24.62	1.18	2.6	0.08	3.37	20.6	86.0	0.55	367	2.28	0.45	3.3	49.4
31737	Core	5.50	26.62	0.97	2.6	0.08	3.28	20.7	741.8	1.05	890	2.61	0.47	3.1	60.4
31738	Core	4.53	25.48	1.29	2.5	0.08	3.33	12.2	91.5	0.67	396	2.06	0.48	3.7	54.4
31739	Core	4.44	21.24	1.18	2.2	0.07	2.65	9.7	44.8	0.93	1180	0.86	0.37	3.1	41.5
31740	Core	4.38	24.37	1.29	2.2	0.08	3.00	10.9	43.1	0.81	693	0.94	0.43	3.3	51.2
31741	Core	4.56	24.77	1.34	3.5	0.08	3.26	14.7	51.5	0.83	394	1.06	0.47	4.4	49.3
31742	Core	4.34	22.60	1.50	2.6	0.08	3.12	10.8	69.5	1.11	444	0.85	0.43	4.2	50.7
31743	Core	3.96	23.35	1.34	2.5	0.07	3.26	12.9	71.2	1.04	413	0.70	0.47	3.6	46.3
31744	Core	4.09	16.28	1.19	2.1	0.05	2.02	11.1	55.4	1.32	1037	0.86	0.27	2.3	36.8
31745	Core	3.95	27.29	1.65	2.5	0.08	3.46	12.0	71.8	0.86	286	1.11	0.53	3.7	57.1
31746	Core	4.37	25.67	1.66	2.5	0.08	3.32	13.9	82.8	1.09	303	0.95	0.49	5.0	52.6
31747	Core	4.35	26.66	1.57	2.0	0.08	3.37	22.3	82.2	1.13	315	0.95	0.49	3.5	53.2
31748	Core	4.68	24.67	1.25	2.2	0.08	2.99	16.2	81.2	1.21	426	0.78	0.43	2.9	49.2
31749	Core	5.19	25.91	1.33	2.3	0.09	3.24	16.0	79.4	1.25	778	1.47	0.43	3.8	60.7
31750	Core	4.68	24.24	1.43	2.4	0.08	3.18	36.2	69.4	1.09	736	1.24	0.41	2.6	50.0
31751	Core	4.46	24.38	1.39	2.7	0.08	3.19	17.7	66.0	1.09	658	0.81	0.39	3.2	48.7
31752	Core	4.37	24.76	1.50	2.3	0.08	2.95	13.2	61.8	1.07	581	0.76	0.39	3.6	52.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31753	Core	4.20	26.67	1.35	2.2	0.08	3.58	25.0	63.1	0.93	379	0.78	0.42	3.5	51.0
31754	Core	4.51	27.73	1.66	2.5	0.08	3.59	32.7	72.6	1.09	404	0.87	0.40	3.0	59.1
31755	Core	4.27	27.04	1.66	2.3	0.09	3.57	17.7	69.9	1.06	291	0.67	0.41	2.7	49.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31713	Core	91	25.1	17.5	<0.002	<0.01	0.14	1.9	2.1	0.7	70.4	<0.05	<0.05	5.6	0.019
31714	Core	116	9.2	17.7	<0.002	0.010	0.13	2.0	2.0	0.5	26.2	<0.05	<0.05	5.1	0.019
31715	Core	89	10.7	19.7	<0.002	<0.01	0.13	2.1	1.8	0.5	31.2	0.06	<0.05	6.0	0.020
31716	Core	112	8.0	15.8	<0.002	<0.01	0.13	1.9	2.0	0.5	39.2	<0.05	<0.05	3.8	0.015
31717	Core	91	10.3	18.1	<0.002	<0.01	0.13	1.9	2.5	0.6	23.1	0.05	<0.05	5.4	0.017
31718	Core	104	9.2	58.2	<0.002	0.044	0.20	4.5	1.0	0.9	58.9	0.09	<0.05	7.3	0.031
31719	Core	126	12.9	46.6	<0.002	0.027	0.11	4.9	2.0	0.9	48.3	0.09	<0.05	7.2	0.029
31720	Core	146	11.4	89.8	<0.002	0.070	0.17	8.4	1.8	1.3	72.1	0.17	<0.05	10.4	0.053
31721	Core	136	21.6	72.6	<0.002	0.070	0.20	7.0	1.9	1.3	86.8	0.11	<0.05	7.6	0.047
31722	Core	220	15.0	154.6	0.002	0.081	0.17	11.6	1.9	2.3	104.4	0.23	<0.05	13.9	0.087
31723	Core	238	8.4	178.7	<0.002	0.185	0.36	16.6	3.0	2.6	122.3	0.24	<0.05	14.1	0.107
31724	Core	255	5.6	147.1	<0.002	0.091	0.28	12.5	2.4	2.1	107.0	0.17	<0.05	12.2	0.071
31725	Core	295	7.3	161.7	<0.002	0.310	0.54	14.0	2.5	2.4	154.5	0.19	<0.05	13.7	0.078
31726	Core	269	4.2	97.4	0.002	0.123	0.29	9.3	1.5	1.6	172.1	0.13	<0.05	9.7	0.054
31727	Core	445	4.6	86.3	<0.002	0.056	0.18	7.8	2.2	1.4	249.1	0.10	<0.05	9.6	0.043
31728	Core	501	17.7	196.8	0.003	1.091	1.95	17.7	3.6	2.8	161.4	0.26	<0.05	13.0	0.111
31729	Core	561	7.1	171.4	<0.002	0.278	0.59	13.7	2.9	2.4	131.3	0.21	<0.05	12.0	0.104
31730	Core	1501	6.8	173.4	<0.002	0.378	0.60	15.4	1.7	2.3	151.4	0.17	<0.05	12.0	0.080
31731	Core	744	26.8	172.2	<0.002	1.842	2.70	13.7	2.3	2.3	289.5	0.17	<0.05	10.5	0.081
31732	Core	302	29.7	197.8	<0.002	2.311	2.59	14.6	3.0	2.5	212.9	0.17	<0.05	10.6	0.087
31733	Pulp	4013	6.5	109.6	0.043	1.332	17.24	5.1	9.9	1.7	118.5	0.37	0.06	4.9	0.179
31734	Core	342	30.5	203.0	<0.002	2.329	2.51	13.8	2.5	2.3	236.3	0.17	<0.05	11.8	0.080
31735	Core	216	47.8	205.9	0.005	2.980	3.48	15.8	3.4	2.5	141.3	0.19	<0.05	10.8	0.091
31736	Core	186	49.6	207.1	0.003	3.060	4.32	15.9	2.8	2.5	150.1	0.19	<0.05	10.4	0.091
31737	Core	196	69.5	213.5	0.003	3.567	4.17	17.4	3.7	2.7	316.0	0.18	<0.05	10.7	0.090
31738	Core	207	78.9	211.1	<0.002	3.633	6.50	16.7	3.5	2.6	171.4	0.18	<0.05	9.3	0.103
31739	Core	197	45.8	170.7	<0.002	2.155	4.19	12.7	3.6	2.1	170.8	0.17	<0.05	8.3	0.080
31740	Core	669	52.2	196.7	0.002	2.871	5.13	15.0	3.8	2.4	186.6	0.17	<0.05	9.3	0.084
31741	Core	204	43.2	206.1	0.003	3.032	4.20	15.0	2.4	2.4	171.1	0.47	<0.05	10.9	0.107
31742	Core	360	26.4	198.0	0.003	1.739	2.79	15.4	2.9	2.4	151.2	0.32	<0.05	9.3	0.110
31743	Core	296	21.2	204.0	0.003	1.527	2.61	14.9	2.8	2.5	162.4	0.26	<0.05	10.5	0.103
31744	Core	159	19.1	126.8	0.003	1.165	2.47	9.1	2.0	1.6	139.4	0.16	<0.05	9.5	0.061
31745	Core	203	36.2	232.7	0.003	2.224	4.88	17.1	3.6	2.8	185.6	0.22	<0.05	10.5	0.096
31746	Core	213	27.3	224.9	0.002	1.977	3.57	15.0	3.1	2.8	171.3	0.30	<0.05	9.6	0.129
31747	Core	201	24.4	213.7	0.002	1.590	2.95	16.8	2.6	2.6	172.4	0.19	<0.05	10.5	0.101
31748	Core	482	24.3	196.8	<0.002	1.636	3.37	14.8	2.0	2.5	155.7	0.17	<0.05	10.2	0.078
31749	Core	230	41.9	224.4	<0.002	2.843	5.91	15.7	2.9	2.6	181.6	0.19	<0.05	10.6	0.102
31750	Core	261	49.9	204.2	0.002	2.676	5.05	16.5	3.7	2.4	159.0	0.16	<0.05	12.8	0.082
31751	Core	215	42.9	195.8	0.002	2.333	6.14	16.9	2.7	2.6	160.0	0.17	<0.05	11.5	0.102
31752	Core	225	45.6	187.6	<0.002	2.321	6.70	18.1	2.5	2.4	155.4	0.19	<0.05	10.1	0.105

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31753	Core	184	41.0	225.8	<0.002	2.167	5.92	18.5	2.5	2.6	147.7	0.19	<0.05	11.1	0.110
31754	Core	515	30.8	221.5	<0.002	1.958	5.74	19.8	2.5	2.4	147.2	0.17	<0.05	13.6	0.089
31755	Core	226	25.1	210.1	<0.002	1.593	4.58	18.0	2.2	2.6	146.8	0.16	<0.05	12.1	0.095

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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31713	Core	0.10	1.2	31	0.4	3.7	29	42.5
31714	Core	0.08	1.1	25	0.5	3.4	23	41.4
31715	Core	0.11	1.3	25	0.5	3.8	17	47.3
31716	Core	0.07	0.7	26	0.3	3.0	33	31.0
31717	Core	0.07	1.0	24	0.5	3.2	19	41.0
31718	Core	0.29	1.5	46	1.1	4.6	32	58.5
31719	Core	0.27	1.9	46	0.4	4.5	42	50.7
31720	Core	0.55	3.1	72	0.7	5.3	63	67.9
31721	Core	0.36	2.3	70	0.5	6.2	71	60.9
31722	Core	0.89	4.1	110	0.7	6.9	81	84.8
31723	Core	1.08	4.7	134	1.1	5.6	100	89.4
31724	Core	0.84	3.6	102	1.6	6.6	91	82.4
31725	Core	1.01	5.3	116	3.1	6.1	88	84.6
31726	Core	0.56	3.0	87	1.7	6.7	86	72.8
31727	Core	0.52	2.6	74	1.1	6.9	66	67.4
31728	Core	1.17	5.1	140	1.5	7.8	98	98.8
31729	Core	1.09	4.5	130	1.2	6.5	109	85.7
31730	Core	1.02	4.2	132	1.2	8.3	136	78.9
31731	Core	1.05	4.1	119	1.6	8.0	102	75.1
31732	Core	1.14	4.2	121	1.6	6.6	110	85.8
31733	Pulp	13.36	8.3	372	35.3	25.1	251	73.1
31734	Core	1.31	4.7	122	1.7	6.6	110	83.8
31735	Core	1.12	4.3	114	1.7	6.0	104	83.6
31736	Core	1.14	4.7	117	1.6	5.5	97	83.2
31737	Core	1.14	4.3	135	2.2	9.2	116	92.3
31738	Core	1.09	4.0	120	1.5	6.0	104	93.9
31739	Core	0.88	3.3	105	1.6	5.7	97	80.3
31740	Core	1.07	3.9	114	1.7	6.8	99	86.8
31741	Core	1.03	3.9	123	1.5	5.7	102	85.9
31742	Core	0.98	4.0	125	1.3	6.2	103	89.4
31743	Core	1.03	3.6	127	1.5	6.1	98	87.3
31744	Core	0.70	2.7	95	1.1	5.5	83	71.9
31745	Core	1.19	4.2	121	1.4	5.9	98	88.4
31746	Core	1.08	3.9	128	1.5	5.6	111	82.6
31747	Core	1.03	3.5	131	1.2	5.3	114	78.0
31748	Core	1.06	3.7	127	1.3	5.8	120	77.1
31749	Core	1.00	4.0	129	1.2	6.6	107	87.5
31750	Core	1.15	3.8	129	1.2	6.1	98	80.4
31751	Core	1.12	3.6	130	1.1	5.7	99	83.1
31752	Core	1.01	3.4	129	1.4	5.8	94	83.2

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Canada

Certificate of Analysis

11-360-08860-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31753	Core	1.12	3.2	132	1.2	5.8	86	83.9
31754	Core	1.17	3.8	138	1.0	6.5	99	81.5
31755	Core	1.20	3.4	139	0.9	5.3	97	83.5

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Canada

Certificate of Analysis

11-360-08860-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
31713	Core		0.15	2.14	3.3	78	0.33	0.11	1.42	0.04	22.81	4.3	134	1.10	9.8
31713 Dup			0.16	2.11	3.1	79	0.35	0.07	1.40	0.03	24.00	4.6	128	1.09	10.4
QCV1112-00225-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.55	7.6	454	2.68	2.46	0.44	0.03	83.77	16.1		7.47	2230.5
31731	Core		0.13	>10	20.1	885	2.90	0.56	0.61	0.14	49.63	23.7	73	7.95	55.3
31731 Dup			0.15	9.87	21.1	915	3.10	0.58	0.60	0.12	28.91	24.7	77	8.28	56.2
QCV1112-00225-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			94.55												5842.9
31749	Core		0.28	>10	30.5	926	3.59	0.51	0.69	0.14	29.69	26.0	100	8.57	73.3
31749 Dup			0.20	>10	27.1	875	2.90	0.53	0.72	0.10	41.65	25.3	99	8.58	69.2
QCV1112-00225-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.72	7.9	454	2.76	2.69	0.45	0.07	87.35	17.4		7.56	2282.1
31713	Core	<0.005													
31713 Dup		<0.005													
31731	Core	<0.005													
31731 Dup		0.008													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.462													
QCV1112-00226-0004-BLK		<0.005													
31749	Core	0.006													
31749 Dup		0.007													

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11-360-08860-01

Northern Tiger Resources
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Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
31713	Core	1.30	4.08	0.43	1.4	0.01	0.31	11.1	36.0	0.70	614	0.38	0.04	0.8	9.8
31713 Dup		1.27	3.95	0.49	1.3	0.01	0.31	11.3	36.0	0.70	602	0.37	0.04	0.8	9.7
QCV1112-00225-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.12	17.46		4.2	0.34	2.85	41.7	26.7	1.60		0.38	0.49	14.5	37.8
31731	Core	4.44	19.94	1.18	2.3	0.08	3.16	25.8	43.5	1.03	553	1.07	0.41	2.8	41.9
31731 Dup		4.43	20.54	1.09	2.6	0.08	3.13	14.8	45.5	1.02	552	1.11	0.41	2.4	44.4
QCV1112-00225-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
31749	Core	5.19	25.91	1.33	2.3	0.09	3.24	16.0	79.4	1.25	778	1.47	0.43	3.8	60.7
31749 Dup		5.38	26.43	1.42	2.4	0.08	3.39	21.6	76.6	1.29	820	1.40	0.45	2.7	57.4
QCV1112-00225-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.21	18.78		4.1	0.35	2.91	43.2	28.1	1.63		0.38	0.50	14.8	42.1

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11-360-08860-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
31713	Core	91	25.1	17.5	<0.002	<0.01	0.14	1.9	2.1	0.7	70.4	<0.05	<0.05	5.6	0.019
31713 Dup		90	24.7	17.8	<0.002	<0.01	0.14	2.1	<1.0	0.5	70.4	<0.05	<0.05	4.9	0.019
QCV1112-00225-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		684	10.0	211.2	0.006	0.268	1.10	11.8		11.1	37.1	0.92	<0.05	15.5	
31731	Core	744	26.8	172.2	<0.002	1.842	2.70	13.7	2.3	2.3	289.5	0.17	<0.05	10.5	0.081
31731 Dup		737	28.0	183.2	0.004	1.844	2.87	13.0	2.2	2.4	286.6	0.15	<0.05	9.2	0.073
QCV1112-00225-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
31749	Core	230	41.9	224.4	<0.002	2.843	5.91	15.7	2.9	2.6	181.6	0.19	<0.05	10.6	0.102
31749 Dup		246	40.1	204.5	<0.002	2.916	5.34	16.9	2.1	2.5	189.5	0.15	<0.05	11.5	0.086
QCV1112-00225-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		692	10.5	226.7	0.003	0.280	1.11	14.0		10.8	40.4	0.90	<0.05	18.0	

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11-360-08860-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
31713	Core	0.10	1.2	31	0.4	3.7	29	42.5
31713 Dup		0.08	1.1	31	0.4	3.7	29	41.1
QCV1112-00225-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.01	3.7		2.6	26.1	88	123.1
31731	Core	1.05	4.1	119	1.6	8.0	102	75.1
31731 Dup		1.12	4.2	118	1.6	6.5	102	74.7
QCV1112-00225-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4762	
31749	Core	1.00	4.0	129	1.2	6.6	107	87.5
31749 Dup		1.09	3.8	135	1.2	6.2	109	81.3
QCV1112-00225-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.06	3.6		2.8	28.7	87	126.3

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11-360-08862-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Melanie Debnam
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 93**
Client Reference: **Core 93**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 12/23/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29699	Core	<0.005	0.15	>10	14.1	582	3.72	0.50	0.64	0.08	28.21	18.4	120	12.13	57.6
29700	Core	<0.005	0.12	>10	11.3	600	3.32	0.44	0.21	0.05	63.70	19.0	109	9.65	65.2
29701	Core	<0.005	0.13	>10	9.6	525	2.93	0.42	0.34	0.08	41.14	16.9	108	9.18	56.6
29702	Core	<0.005	0.08	>10	12.9	589	4.15	0.42	0.30	0.08	45.03	19.2	100	14.54	64.8
29703	Core	<0.005	0.09	>10	14.1	575	3.48	0.44	0.34	0.05	56.57	20.8	94	18.58	73.0
29704	Core	<0.005	0.06	>10	13.8	537	3.58	0.42	0.39	0.07	41.93	17.7	99	13.82	61.4
29705	Core	<0.005	0.31	>10	14.7	535	3.18	0.45	0.54	0.06	41.12	17.2	95	15.14	59.0
29706	Core	<0.005	0.16	0.18	2.0	25	0.06	0.04	>10	0.05	1.90	2.2	9	0.58	3.8
29707	Core	<0.005	0.15	>10	14.7	552	3.16	0.42	0.57	0.07	55.96	18.2	83	12.30	61.1
29708	Core	<0.005	0.14	9.63	15.4	552	3.65	0.41	0.90	0.09	40.92	17.2	91	15.09	54.9
29709	Core	<0.005	0.21	>10	11.1	525	3.82	0.30	0.33	0.04	50.42	15.7	125	11.41	54.9
29710	Core	<0.005	0.32	9.76	10.4	474	3.12	0.33	3.55	0.13	51.10	15.7	117	8.60	51.0
29711	Core	<0.005	0.08	>10	7.8	513	3.29	0.21	0.78	0.06	38.90	15.4	128	9.36	60.6
29712	Core	<0.005	0.09	>10	12.9	515	3.32	0.48	1.04	0.06	36.50	18.8	123	8.85	67.7
29713	Core	<0.005	0.10	>10	11.6	566	3.78	0.54	0.43	0.05	88.52	18.9	122	8.17	73.0
29714	Core	<0.005	0.10	>10	5.4	580	3.91	0.16	0.10	0.04	80.52	12.2	91	8.41	97.8
29715	Core	<0.005	0.07	>10	5.1	587	4.29	0.23	0.18	0.05	80.40	14.7	98	8.28	69.6
29716	Core	<0.005	0.12	8.69	7.2	386	2.50	0.20	3.10	0.12	44.27	16.2	144	6.41	42.2
29717	Core	<0.005	0.10	>10	6.9	629	3.99	0.27	0.10	0.06	66.16	17.2	98	8.77	71.8
29718	Core	<0.005	0.15	>10	16.2	577	3.76	0.57	0.38	0.11	55.65	19.9	98	8.35	74.9
29719	Core	0.092	0.10	>10	9.1	588	4.22	0.44	0.23	0.08	90.19	18.8	91	8.32	64.3
29720	Core	<0.005	0.09	>10	11.7	556	3.59	0.44	0.38	0.07	90.18	21.1	91	7.41	66.0
29721	Core	<0.005	0.09	>10	10.5	498	3.06	0.42	0.76	0.08	105.32	19.8	96	6.53	66.0
29722	Core	<0.005	0.57	>10	11.8	544	3.34	0.42	2.31	0.09	68.03	17.2	83	7.94	55.3
29723	Core	<0.005	0.14	>10	12.0	607	3.94	0.55	0.84	0.04	55.71	18.8	94	9.08	67.4
29724	Core	<0.005	0.11	>10	22.3	557	3.71	0.69	1.10	0.09	59.06	29.7	86	8.19	66.2
29725	Core	<0.005	0.12	>10	7.5	598	4.65	0.39	0.33	0.05	68.16	14.2	94	10.12	75.9
29726	Core	<0.005	0.19	>10	25.7	612	3.70	0.68	0.92	0.08	35.46	26.3	87	8.44	62.6
29727	Core	<0.005	0.12	>10	6.9	599	3.92	0.33	0.25	0.05	88.10	14.6	90	9.30	66.5
29728	Core	<0.005	0.12	>10	6.5	595	3.38	0.34	0.18	0.09	96.82	14.3	91	10.23	68.9
29729	Core	<0.005	0.11	>10	11.2	550	3.38	0.52	0.33	0.04	88.48	19.7	89	8.52	65.5
29730	Core	0.015	0.24	8.90	828.7	650	2.82	0.64	0.45	0.20	91.55	19.9	72	9.74	62.4
29731	Core	0.009	0.41	9.51	76.9	556	3.08	3.64	0.62	0.16	62.01	22.0	87	14.38	66.6
29732	Core	0.011	0.39	3.24	256.6	704	4.40	1.78	0.56	0.23	80.64	31.1	146	26.43	76.1
29733	Core	0.086	0.70	>10	6467.5	171	1.10	6.71	0.14	1.13	37.59	5.4	92	6.38	29.6
29734	Core	0.082	0.79	>10	3004.7	647	3.43	4.41	0.40	1.62	110.87	21.7	94	28.35	72.0
29735	Core	0.007	0.14	>10	49.1	714	3.22	0.54	0.34	0.16	91.95	21.0	100	24.12	69.3
29736	Core	<0.005	0.34	>10	42.4	781	3.68	0.47	0.24	0.09	94.18	26.9	92	22.26	69.0
29737	Core	<0.005	0.04	3.01	24.3	178	0.77	0.11	0.34	0.07	38.54	5.4	166	6.35	19.0
29738	Core	<0.005	0.14	2.36	12.0	118	0.39	0.12	0.46	0.03	28.61	3.7	180	3.06	13.6

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11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29739	Core	0.009	0.37	2.16	14.3	102	0.39	0.12	0.47	0.08	24.73	4.5	171	2.24	21.3
29740	Core	<0.005	0.43	>10	83.2	1189	4.63	0.36	0.24	0.21	97.56	17.0	156	18.08	77.7
29741	Core	<0.005	0.12	2.77	24.6	111	0.47	0.09	0.23	0.05	32.96	6.9	143	2.82	15.7
29742	Pulp	7.721	0.67	3.09	1067.3	180	0.98	0.65	>10	4.34	28.52	7.8	90	7.66	50.1
29743	Core	<0.005	0.06	2.75	19.7	108	0.66	0.09	0.22	0.03	32.27	6.8	164	2.78	14.1
29744	Core	<0.005	0.26	2.81	9.4	131	0.58	0.16	0.39	0.12	26.62	5.5	158	2.69	14.8
29745	Core	<0.005	0.11	2.58	17.3	116	0.57	0.20	0.59	0.03	28.86	4.0	168	2.13	12.4
29746	Core	<0.005	0.13	2.74	13.9	132	0.61	0.13	0.47	0.13	33.78	4.3	147	2.66	17.1
29747	Core	<0.005	0.05	2.62	8.0	123	0.46	0.09	0.39	0.05	31.44	4.1	123	2.56	14.5

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29699	Core	4.93	26.65	1.28	2.8	0.08	2.78	12.9	162.9	1.26	485	0.53	1.02	0.8	49.9
29700	Core	5.08	26.95	1.22	2.7	0.07	2.74	29.5	119.0	1.31	396	0.42	0.95	1.9	54.9
29701	Core	5.06	25.61	1.10	2.6	0.07	2.58	18.0	116.2	1.32	506	0.37	0.90	1.4	49.3
29702	Core	5.08	26.98	1.14	2.6	0.09	2.74	19.0	109.9	1.27	398	0.43	0.94	1.4	54.6
29703	Core	4.99	27.71	1.26	2.5	0.07	2.53	25.1	125.7	1.27	337	0.31	0.88	1.4	58.9
29704	Core	4.77	26.08	1.15	2.1	0.07	2.55	19.3	104.4	1.23	346	0.33	0.95	0.9	53.0
29705	Core	4.80	25.62	1.04	3.1	0.07	2.51	20.0	110.9	1.28	387	0.29	0.90	1.6	46.1
29706	Core	0.39	0.57	<0.05	0.1	<0.01	0.04	1.0	2.0	>10	153	0.07	0.02	0.4	8.0
29707	Core	4.93	25.69	1.33	2.4	0.08	2.45	28.5	104.2	1.34	438	0.51	0.90	1.5	55.4
29708	Core	3.82	25.15	1.12	2.0	0.07	2.17	21.1	133.5	1.13	284	0.81	0.77	1.1	44.3
29709	Core	4.74	25.64	1.06	2.2	0.07	2.40	25.7	142.1	1.26	281	0.53	0.95	1.4	53.2
29710	Core	4.19	21.81	1.08	1.9	0.08	2.06	26.5	103.6	1.13	707	0.49	0.82	1.3	44.6
29711	Core	4.37	25.10	1.12	2.1	0.07	2.43	21.5	109.1	1.24	354	0.41	0.97	0.8	48.7
29712	Core	4.76	25.47	1.22	2.1	0.07	2.32	18.7	124.1	1.34	443	0.46	0.87	1.0	52.5
29713	Core	4.53	26.09	1.17	2.3	0.08	2.50	42.7	136.9	1.34	311	0.40	1.05	2.3	51.0
29714	Core	4.13	28.64	1.41	2.4	0.09	2.68	36.9	126.3	1.16	208	0.26	1.22	3.4	44.7
29715	Core	4.64	27.95	1.30	2.7	0.08	2.71	33.7	130.5	1.27	240	0.30	1.26	2.9	47.1
29716	Core	4.01	20.67	0.97	1.5	0.05	1.76	21.4	118.4	1.11	743	0.41	0.74	1.6	44.6
29717	Core	4.93	29.18	1.36	2.4	0.08	2.74	28.8	144.1	1.38	253	0.21	1.26	2.8	52.8
29718	Core	4.75	28.24	1.15	2.1	0.08	2.69	25.3	131.5	1.32	302	0.24	1.18	1.9	53.5
29719	Core	4.87	29.46	1.35	2.5	0.08	2.68	45.6	137.7	1.37	335	0.25	1.14	3.0	53.9
29720	Core	5.06	26.85	1.34	2.4	0.08	2.54	43.9	129.9	1.41	409	0.36	1.04	3.2	52.7
29721	Core	5.35	25.35	1.28	2.6	0.08	2.34	52.8	129.3	1.57	743	0.39	0.88	2.6	57.8
29722	Core	4.66	25.97	1.01	2.1	0.07	2.43	35.5	113.5	1.39	1040	0.28	0.95	2.1	48.2
29723	Core	4.64	27.91	1.06	2.1	0.08	2.68	31.5	117.8	1.33	672	0.26	1.07	2.0	52.1
29724	Core	4.78	27.77	1.21	2.0	0.07	2.54	30.2	116.3	1.33	801	0.35	1.03	1.9	56.2
29725	Core	4.72	30.71	1.28	2.1	0.07	2.81	37.9	122.9	1.32	418	0.25	1.16	1.7	55.2
29726	Core	5.13	28.68	1.06	2.2	0.08	2.61	19.4	118.2	1.49	1010	0.26	1.08	1.6	57.1
29727	Core	4.64	29.44	1.35	2.2	0.07	2.72	44.8	123.5	1.29	450	0.25	1.15	2.7	56.2
29728	Core	4.58	29.75	1.51	2.5	0.08	2.71	51.1	122.8	1.26	394	0.37	1.13	3.1	55.8
29729	Core	5.21	28.84	1.44	2.3	0.08	2.51	45.0	124.1	1.43	510	0.53	1.04	2.9	55.6
29730	Core	4.42	22.15	2.89	2.1	0.09	2.84	48.8	107.2	1.78	858	0.56	0.21	5.8	50.6
29731	Core	4.67	21.74	1.95	2.4	0.07	3.01	32.2	118.7	1.85	1100	0.65	0.26	2.4	49.0
29732	Core	2.21	28.17	1.62	2.5	0.07	1.01	42.9	118.4	0.73	382	0.74	0.06	1.7	51.9
29733	Core	4.04	7.73	<0.05	1.0	0.05	3.81	17.7	107.7	1.36	478	0.33		1.1	14.9
29734	Core	4.65	27.34	<0.05	2.4	0.11	3.01	60.4	140.3	1.27	631	0.40		2.8	55.1
29735	Core	4.86	25.04	1.23	2.4	0.08	3.40	46.9	137.2	1.29	635	0.39		1.9	53.7
29736	Core	5.04	27.65	0.58	2.6	0.08	3.50	47.2	61.7	1.24	618	0.77		2.0	61.5
29737	Core	1.29	7.06	<0.05	0.9	0.02	0.67	18.2	87.6	0.36	250	0.36		1.0	14.3
29738	Core	0.95	5.35	<0.05	0.9	<0.01	0.54	12.6	48.2	0.33	261	0.40		0.6	9.0

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29739	Core	1.15	4.73	0.71	2.2	0.01	0.44	11.4	46.8	0.37	230	0.35		0.8	11.5
29740	Core	2.48	37.15	0.69	4.2	0.08	5.41	53.1	60.8	0.75	176	0.47		4.1	52.1
29741	Core	1.97	6.32	<0.05	1.0	0.02	0.55	15.2	75.3	0.46	179	0.34		0.8	16.8
29742	Pulp	1.23	7.16	<0.05	2.0	0.07	1.37	16.0	9.4	0.75	234	11.68		6.9	82.7
29743	Core	1.94	5.95	<0.05	0.9	0.01	0.54	14.1	72.3	0.46	176	0.35		0.6	17.4
29744	Core	1.20	6.02	<0.05	0.9	0.01	0.64	12.2	25.7	0.35	233	0.33		0.6	11.1
29745	Core	1.13	5.31	<0.05	0.8	0.01	0.53	12.8	20.6	0.42	338	0.40		0.6	10.1
29746	Core	1.26	6.16	<0.05	1.0	0.01	0.66	15.7	24.3	0.43	262	0.40		0.7	11.6
29747	Core	1.04	5.81	<0.05	0.9	0.01	0.58	14.5	15.7	0.33	223	0.41		0.8	10.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29699	Core	282	35.3	152.8	0.002	0.073	0.51	19.2	1.6	2.3	242.2	0.12	<0.05	15.2	0.032
29700	Core	119	29.3	156.7	<0.002	0.021	0.40	19.8	1.4	2.3	208.6	0.19	<0.05	14.8	0.063
29701	Core	330	57.0	141.2	<0.002	0.047	0.37	18.0	1.4	2.1	200.0	0.15	<0.05	14.3	0.048
29702	Core	486	22.6	157.9	<0.002	0.069	0.46	20.7	1.7	2.3	204.4	0.13	<0.05	14.9	0.048
29703	Core	856	29.7	155.6	<0.002	0.133	0.37	21.5	1.7	2.2	195.7	0.13	<0.05	15.0	0.044
29704	Core	329	20.5	147.9	<0.002	0.064	0.27	19.5	1.5	2.2	210.2	0.09	<0.05	13.4	0.029
29705	Core	446	18.6	147.7	0.003	0.116	0.34	19.9	2.2	2.2	203.3	0.67	<0.05	14.8	0.035
29706	Core	213	2.6	2.7	<0.002	<0.01	<0.05	0.6	1.9	<0.2	44.8	0.29	<0.05	0.4	<0.005
29707	Core	353	16.7	148.4	<0.002	0.774	0.65	20.1	1.7	2.2	227.1	0.21	<0.05	13.9	0.045
29708	Core	<10	28.2	156.4	0.002	<0.01	0.98	18.1	1.8	2.2	202.9	0.18	<0.05	12.5	0.052
29709	Core	<10	26.9	141.7	<0.002	<0.01	0.14	19.6	1.5	2.0	228.9	0.16	<0.05	12.7	0.071
29710	Core	410	39.4	123.7	<0.002	0.041	0.20	18.4	2.1	1.9	290.7	0.16	<0.05	11.7	0.040
29711	Core	19	14.9	138.9	0.002	<0.01	0.09	18.6	2.3	2.1	235.3	0.11	<0.05	13.5	0.046
29712	Core	489	16.5	142.3	<0.002	0.087	0.15	18.0	1.9	2.0	230.0	0.12	<0.05	12.3	0.033
29713	Core	129	21.0	149.7	0.002	0.019	0.17	20.2	1.8	2.3	238.7	0.19	<0.05	15.1	0.070
29714	Core	409	13.9	154.4	<0.002	0.024	0.12	20.6	1.4	2.4	239.6	0.25	<0.05	17.0	0.097
29715	Core	259	13.9	156.1	0.003	0.011	0.12	20.8	1.8	2.4	253.7	0.26	<0.05	18.5	0.090
29716	Core	448	33.0	110.1	<0.002	0.018	0.11	15.2	2.0	1.8	243.1	0.15	<0.05	11.1	0.045
29717	Core	286	15.0	163.1	<0.002	0.024	0.14	22.2	2.3	2.5	256.5	0.21	<0.05	16.1	0.080
29718	Core	329	74.5	154.9	0.003	0.116	0.27	21.2	2.2	2.3	247.8	0.17	<0.05	14.5	0.062
29719	Core	281	20.8	162.1	<0.002	0.100	0.17	19.9	1.6	2.4	236.4	0.26	<0.05	16.6	0.089
29720	Core	544	21.3	149.2	0.003	0.120	0.31	18.6	1.4	2.2	220.6	0.24	<0.05	14.9	0.092
29721	Core	<10	21.4	144.3	<0.002	<0.01	0.18	17.8	2.5	1.9	200.7	0.21	<0.05	17.0	0.079
29722	Core	225	21.8	147.2	0.003	0.042	0.20	17.9	2.0	2.1	231.6	0.18	<0.05	12.3	0.064
29723	Core	60	43.2	164.3	0.002	0.045	0.28	19.0	2.1	2.3	235.2	0.18	<0.05	12.5	0.066
29724	Core	261	40.9	154.7	<0.002	0.142	0.64	19.6	1.6	2.2	224.3	0.16	<0.05	12.5	0.061
29725	Core	62	35.0	168.8	0.002	0.013	0.13	20.7	2.2	2.3	242.7	0.15	<0.05	13.7	0.073
29726	Core	148	42.4	159.9	<0.002	0.052	0.47	19.5	3.0	2.1	228.5	0.14	<0.05	10.6	0.069
29727	Core	283	44.6	164.5	<0.002	0.021	0.10	20.6	2.1	2.4	232.9	0.21	<0.05	14.7	0.081
29728	Core	310	31.7	164.4	0.004	0.024	0.10	19.7	2.0	2.3	225.9	0.25	<0.05	17.0	0.091
29729	Core	809	14.5	153.3	<0.002	0.103	0.21	18.8	2.4	2.3	209.7	0.23	<0.05	15.0	0.090
29730	Core	658	19.6	162.3	0.002	0.065	1.27	16.5	2.1	2.1	77.9	0.37	<0.05	12.0	0.126
29731	Core	775	42.7	165.3	<0.002	0.473	1.81	16.3	2.2	2.7	97.1	0.20	<0.05	12.6	0.076
29732	Core	263	57.9	208.9	0.004	0.710	2.31	19.4	1.8	4.2	70.1	0.15	<0.05	15.1	0.027
29733	Core	<10	89.5	47.8	<0.002	<0.01	4.37	3.8	1.4	3.4	96.5	0.07	<0.05	7.1	0.066
29734	Core	321	136.1	160.1	<0.002	0.253	4.05	20.5	2.3	4.0	109.6	0.21	<0.05	16.4	0.087
29735	Core	596	33.4	179.1	0.002	0.190	1.11	17.7	2.2	3.0	78.2	0.15	<0.05	16.3	0.069
29736	Core	426	36.0	181.7	0.003	0.204	1.03	20.8	1.7	2.8	72.1	0.18	<0.05	16.3	0.073
29737	Core	120	15.3	35.9	<0.002	0.090	0.58	3.8	1.2	0.9	49.2	0.07	<0.05	7.1	0.026
29738	Core	90	39.3	27.9	<0.002	0.063	0.54	2.2	1.7	0.7	38.8	0.06	<0.05	6.6	0.016

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29739	Core	109	29.6	23.0	<0.002	0.059	0.76	2.2	1.2	0.8	40.4	0.15	<0.05	5.4	0.014
29740	Core	538	15.9	254.3	<0.002	0.019	2.01	25.2	1.9	3.5	103.3	0.85	<0.05	21.5	0.118
29741	Core	142	13.3	28.3	<0.002	0.066	0.41	3.6	1.1	0.8	33.9	0.08	<0.05	7.1	0.022
29742	Pulp	4095	9.1	112.5	0.041	1.314	18.90	6.8	7.8	1.9	115.4	0.48	0.05	5.4	0.165
29743	Core	144	12.5	25.3	<0.002	0.062	0.44	3.3	1.2	0.7	31.6	0.06	<0.05	7.4	0.016
29744	Core	90	36.3	31.6	<0.002	0.110	0.37	3.1	1.2	0.7	33.0	0.06	<0.05	6.8	0.018
29745	Core	50	18.3	26.6	<0.002	0.016	0.35	2.5	<1.0	0.6	40.2	0.06	<0.05	5.8	0.018
29746	Core	111	20.5	32.8	<0.002	0.126	0.57	2.8	<1.0	1.1	41.5	0.07	<0.05	7.0	0.020
29747	Core	79	13.4	28.9	<0.002	0.034	0.36	2.9	<1.0	0.7	32.3	0.07	<0.05	6.3	0.021

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Certificate of Analysis

11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29699	Core	0.81	4.5	157	0.3	7.0	20	79.9
29700	Core	0.74	4.0	153	0.4	7.7	33	85.2
29701	Core	0.76	4.1	146	0.3	6.9	80	74.8
29702	Core	0.71	4.2	154	0.3	8.1	90	84.8
29703	Core	0.71	4.1	144	0.2	9.1	133	79.1
29704	Core	0.71	3.5	143	0.2	6.7	100	64.3
29705	Core	0.75	3.7	143	0.3	7.2	124	64.7
29706	Core	0.03	1.0	293	0.2	1.0	16	0.9
29707	Core	0.81	3.7	139	0.3	7.5	123	69.8
29708	Core	0.81	3.5	121	0.2	7.3	<2	63.0
29709	Core	0.76	3.7	140	0.6	6.9	<2	64.5
29710	Core	0.64	3.3	121	1.9	9.9	92	59.2
29711	Core	0.77	3.7	142	0.3	6.7	5	59.0
29712	Core	0.70	3.7	143	0.2	8.3	115	66.1
29713	Core	0.68	3.6	145	0.2	8.2	32	76.5
29714	Core	0.77	4.0	147	0.3	7.0	110	77.7
29715	Core	0.86	4.6	158	0.4	7.6	79	81.1
29716	Core	0.53	2.8	109	0.2	7.8	103	52.1
29717	Core	0.82	4.1	162	0.3	7.2	88	79.3
29718	Core	0.86	3.9	152	0.3	6.6	133	70.4
29719	Core	0.88	4.0	152	0.3	7.8	124	77.2
29720	Core	0.76	3.9	152	0.3	8.4	94	77.5
29721	Core	0.72	4.3	149	0.3	9.6	<2	85.9
29722	Core	0.77	3.4	140	0.2	7.9	51	65.7
29723	Core	0.87	3.9	145	0.3	7.1	25	68.3
29724	Core	0.83	3.8	145	0.2	7.6	45	68.0
29725	Core	0.85	3.9	154	0.2	7.3	22	71.9
29726	Core	0.83	3.9	154	0.2	7.2	30	69.4
29727	Core	0.83	4.3	152	0.3	7.7	119	77.1
29728	Core	0.88	4.3	154	0.3	8.1	126	78.0
29729	Core	0.77	4.2	152	0.4	9.0	139	80.2
29730	Core	0.76	2.5	153	2.2	10.4	107	76.5
29731	Core	0.82	3.9	151	0.8	10.3	101	80.1
29732	Core	1.05	4.7	48	0.4	8.1	101	84.4
29733	Core	0.30	1.2	144	1.4	4.4	<2	31.1
29734	Core	0.92	3.9	145	1.7	10.6	105	77.8
29735	Core	0.97	4.2	140	0.7	9.2	136	76.9
29736	Core	0.97	4.2	142	0.3	9.4	96	86.0
29737	Core	0.17	1.3	37	0.3	3.4	44	33.5
29738	Core	0.17	1.1	28	0.3	2.6	20	29.7

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11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29739	Core	0.14	0.8	26	0.3	2.5	40	26.0
29740	Core	1.40	5.0	163	1.7	9.6	81	112.2
29741	Core	0.16	1.1	38	0.5	3.7	39	35.8
29742	Pulp	13.97	7.3	383	33.2	25.9	296	69.0
29743	Core	0.20	1.0	38	0.4	2.9	40	28.2
29744	Core	0.18	0.9	35	0.3	2.8	37	30.9
29745	Core	0.15	0.9	33	0.2	3.1	13	30.1
29746	Core	0.17	0.9	37	0.2	3.3	27	34.2
29747	Core	0.14	0.9	32	0.2	3.0	16	33.3

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Certificate of Analysis

11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29699	Core		0.15	>10	14.1	582	3.72	0.50	0.64	0.08	28.21	18.4	120	12.13	57.6
29699 Dup			0.14	>10	15.3	618	3.81	0.45	0.63	0.08	39.29	20.5	121	12.29	59.8
QCV1112-00223-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.71	7.55	7.4	443	3.26	2.37	0.44	0.07	90.54	16.5		7.03	2320.5
29717	Core		0.10	>10	6.9	629	3.99	0.27	0.10	0.06	66.16	17.2	98	8.77	71.8
29717 Dup			0.11	>10	6.6	603	3.95	0.28	0.10	0.05	54.00	17.7	96	8.57	69.1
QCV1112-00223-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			2.94		10.8	425	2.68	9.13		0.23	87.72	23.6		7.13	>10000
29735	Core		0.14	>10	49.1	714	3.22	0.54	0.34	0.16	91.95	21.0	100	24.12	69.3
29735 Dup			0.18	>10	49.6	749	3.37	0.64	0.35	0.15	82.94	21.9	102	24.86	77.7
QCV1112-00223-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1112-00223-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100												6071.6
29699	Core	<0.005													
29699 Dup		<0.005													
29717	Core	<0.005													
29717 Dup		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.942													
QCV1112-00224-0004-BLK		<0.005													
29735	Core	0.007													
29735 Dup		0.006													
QCV1112-00224-0006-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29699	Core	4.93	26.65	1.28	2.8	0.08	2.78	12.9	162.9	1.26	485	0.53	1.02	0.8	49.9
29699 Dup		4.85	29.16	1.04	2.9	0.07	2.73	17.9	177.6	1.24	473	0.52	1.00	1.3	56.3
QCV1112-00223-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.22	18.48		3.3	0.35	2.88	44.8	27.1	1.62		0.35	0.49	14.5	41.0
29717	Core	4.93	29.18	1.36	2.4	0.08	2.74	28.8	144.1	1.38	253	0.21	1.26	2.8	52.8
29717 Dup		4.87	29.54	1.32	2.5	0.09	2.75	23.5	134.1	1.35	252	0.19	1.22	2.3	54.9
QCV1112-00223-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.99		3.6	1.18		44.4	26.7			0.70		13.7	46.8
29735	Core	4.86	25.04	1.23	2.4	0.08	3.40	46.9	137.2	1.29	635	0.39		1.9	53.7
29735 Dup		4.95	26.52	<0.05	2.3	0.07	3.45	42.4	142.8	1.32	642	0.45		1.7	55.9
QCV1112-00223-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05		<0.1	<0.2
QCV1112-00223-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05		<0.1	<0.2

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11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29699	Core	282	35.3	152.8	0.002	0.073	0.51	19.2	1.6	2.3	242.2	0.12	<0.05	15.2	0.032
29699 Dup		60	35.2	161.0	<0.002	<0.01	0.53	21.2	1.5	2.3	239.0	0.14	<0.05	16.1	0.049
QCV1112-00223-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		596	10.9	210.5	0.003	0.243	1.09	13.7	3.9	10.8		1.00		16.3	
29717	Core	286	15.0	163.1	<0.002	0.024	0.14	22.2	2.3	2.5	256.5	0.21	<0.05	16.1	0.080
29717 Dup		367	15.1	165.7	<0.002	0.032	0.15	20.8	2.1	2.4	250.1	0.22	<0.05	16.5	0.070
QCV1112-00223-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.6	199.9	0.004	1.347	2.24	13.7	13.2	22.7		1.04		16.7	
29735	Core	596	33.4	179.1	0.002	0.190	1.11	17.7	2.2	3.0	78.2	0.15	<0.05	16.3	0.069
29735 Dup		574	37.5	184.8	<0.002	0.188	1.23	20.0	1.3	3.5	79.1	0.13	<0.05	16.6	0.067
QCV1112-00223-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1112-00223-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9853.9												

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11-360-08862-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29699	Core	0.81	4.5	157	0.3	7.0	20	79.9
29699 Dup		0.80	4.7	153	0.4	7.6	20	87.4
QCV1112-00223-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.1		2.3	29.5	81	121.3
29717	Core	0.82	4.1	162	0.3	7.2	88	79.3
29717 Dup		0.88	4.3	161	0.3	6.8	113	76.9
QCV1112-00223-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		1.00	3.3			27.2	178	115.6
29735	Core	0.97	4.2	140	0.7	9.2	136	76.9
29735 Dup		0.96	4.4	141	0.6	9.3	128	79.8
QCV1112-00223-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1112-00223-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4855	

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11-360-08863-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 94**
Client Reference: **Core 94**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 12/23/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	48	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Canada

Certificate of Analysis

11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29748	Core	<0.005	0.17	3.81	7.8	215	0.61	0.11	0.51	0.03	22.34	4.0	206	3.24	14.1
29749	Core	<0.005	0.16	2.81	8.4	119	0.55	0.09	0.46	0.04	28.80	4.1	168	1.62	10.2
29750	Core	<0.005	0.12	3.38	14.4	169	0.74	0.15	0.56	0.03	27.67	5.5	172	2.60	12.9
29751	Core	0.010	0.28	>10	56.8	649	2.50	0.38	0.36	0.13	51.95	16.5	132	13.89	49.1
29752	Core	0.071	0.19	6.47	94.1	340	1.72	0.42	0.98	0.42	15.57	11.9	136	4.03	28.6
29753	Core	0.761	4.40	2.27	>10000	114	0.43	51.22	0.22	3.16	13.77	7.0	130	2.01	19.2
29754	Core	0.047	0.51	2.97	2239.5	160	0.50	1.81	0.19	0.73	31.44	2.8	156	2.43	17.4
29755	Core	0.025	0.95	2.47	198.9	124	0.45	2.80	0.21	3.88	20.90	1.7	159	1.63	10.6
29756	Core	<0.005	0.78	3.59	126.6	177	0.47	1.22	0.07	3.78	19.74	4.2	145	1.90	19.9
29757	Core	<0.005	0.15	2.74	195.1	102	0.61	0.18	0.06	1.61	24.52	4.1	149	1.28	14.2
29758	Core	<0.005	0.68	3.17	6.3	122	0.26	0.09	0.16	0.08	34.45	5.6	163	1.88	11.4
29759	Core	<0.005	0.28	2.91	7.2	103	0.68	0.08	0.25	0.05	22.52	4.5	165	1.23	10.5
29760	Core	<0.005	0.15	3.25	46.9	126	0.40	0.08	0.22	0.05	32.52	4.3	119	1.67	10.7
29761	Core	<0.005	0.13	3.45	11.5	136	0.39	0.08	0.36	0.02	29.27	5.1	146	1.57	10.2
29762	Core	0.005	0.10	3.50	5.0	149	0.35	0.10	0.27	<0.02	40.36	4.8	161	1.70	10.1
29763	Core	<0.005	0.10	3.72	5.6	160	0.73	0.10	0.20	0.02	32.10	5.6	130	1.65	9.5
29764	Core	<0.005	0.28	3.83	3.2	147	0.73	0.09	0.15	<0.02	30.61	4.8	149	1.42	9.6
29765	Core	<0.005	0.13	3.92	7.5	177	0.63	0.07	0.20	<0.02	37.57	5.3	135	1.72	8.4
29766	Core	<0.005	0.11	3.36	6.5	140	0.39	0.18	0.23	0.05	25.60	4.1	152	1.38	9.3
29767	Core	0.005	0.11	2.81	7.4	95	0.32	0.13	0.18	0.13	35.47	3.7	161	0.94	11.0
29768	Core	<0.005	0.11	2.63	5.1	90	0.41	0.15	0.28	0.07	31.72	3.2	163	0.91	8.0
29769	Core	<0.005	0.07	2.64	4.7	91	0.34	0.07	0.43	<0.02	32.25	3.4	140	0.86	6.9
29770	Core	<0.005	0.06	2.95	4.2	128	0.38	0.06	0.52	0.02	39.62	3.7	170	1.10	7.3
29771	Core	<0.005	0.12	3.34	3.3	146	0.32	0.06	0.24	<0.02	40.09	4.2	145	1.19	7.2
29772	Core	<0.005	0.13	5.70	8.8	386	1.23	0.11	0.35	0.16	52.65	7.1	170	2.75	16.2
29773	Core	<0.005	0.06	2.37	4.4	91	0.22	0.05	0.74	<0.02	37.51	2.9	159	0.95	5.9
29774	Core	<0.005	0.06	2.61	3.9	127	0.43	0.05	1.05	0.02	30.67	3.3	133	1.04	7.8
29775	Core	<0.005	0.16	2.41	3.5	122	0.49	0.05	0.47	<0.02	28.00	3.7	165	0.94	6.8
29776	Core	<0.005	0.06	2.75	3.7	118	0.63	0.04	0.28	0.03	28.11	4.3	170	0.92	10.5
29777	Core	0.006	0.17	>10	35.6	1096	3.45	0.75	0.27	0.04	50.04	23.0	159	5.84	51.8
29778	Core	0.017	0.22	>10	63.3	1119	3.97	0.95	0.17	0.05	56.78	35.5	134	6.15	61.4
29779	Core	0.006	0.15	>10	20.4	1075	3.62	0.54	0.22	0.04	52.12	15.5	141	5.87	45.8
29780	Core	<0.005	0.20	0.07	3.6	14	<0.05	0.03	>10	0.07	<0.01	1.5	7	0.13	2.4
29781	Core	0.007	0.17	>10	16.1	1047	3.81	0.37	0.14	0.05	98.10	13.9	114	5.50	49.7
29782	Core	0.006	0.15	>10	19.3	1042	3.40	0.69	0.08	0.06	47.90	19.4	117	5.62	51.3
29783	Core	0.010	0.19	>10	34.9	975	3.88	0.60	0.42	0.10	25.72	29.5	110	5.25	48.5
29784	Core	0.008	0.13	>10	22.4	1036	4.13	0.49	0.29	0.09	35.25	18.7	109	5.62	42.4
29785	Core	<0.005	0.12	>10	9.8	1067	3.61	0.40	0.18	0.08	57.43	14.4	119	6.15	49.7
29786	Core	<0.005	0.12	>10	16.4	1002	3.57	0.40	0.13	0.05	91.16	14.6	108	5.39	41.5
29787	Core	<0.005	0.11	>10	16.4	913	3.24	0.67	0.18	0.05	75.72	18.3	112	5.15	46.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29788	Core	<0.005	0.12	>10	8.7	1096	3.65	0.25	0.09	0.06	69.00	11.2	113	7.03	48.8
29789	Core	0.008	0.12	>10	34.1	959	3.38	0.62	0.36	0.09	62.11	29.0	98	6.22	47.6
29790	Core	<0.005	0.12	>10	11.7	1022	4.02	0.22	0.26	0.07	65.97	12.2	119	6.58	57.9
29791	Core	<0.005	0.11	>10	7.4	1004	3.51	0.46	0.15	0.05	104.07	10.9	102	5.84	58.3
29792	Core	<0.005	0.32	>10	4.7	1024	3.24	0.12	0.08	0.05	116.56	6.5	109	6.13	43.3
29793	Core	<0.005	0.18	>10	8.4	1039	3.76	0.44	0.09	0.04	86.28	10.5	105	7.08	42.5
29794	Core	<0.005	0.15	>10	3.4	1002	3.51	0.11	0.30	0.04	110.80	7.8	113	6.38	46.5
29795	Core	0.006	0.13	>10	24.9	999	3.43	0.48	0.10	0.05	67.47	25.2	106	5.70	40.3

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29748	Core	1.25	7.66	0.67	1.2	0.02	1.07	8.0	17.9	0.31	224	0.44	0.47	0.6	11.4
29749	Core	1.44	6.31	0.65	1.0	0.02	0.54	11.4	20.0	0.44	238	0.33	0.09	0.6	8.9
29750	Core	1.76	7.22	0.60	1.2	0.02	0.81	13.1	38.1	0.46	321	0.40	0.06	0.7	10.3
29751	Core	4.85	23.54	1.03	2.6	0.08	3.17	26.3	74.6	1.06	698	0.34	0.29	1.5	37.5
29752	Core	4.08	14.36	1.02	1.8	0.05	1.70	10.5	29.4	0.79	1084	0.35	0.09	0.8	27.1
29753	Core	4.49	4.95	1.75	1.0	0.11	0.60	7.1	15.7	0.17	201	0.31	0.04	0.4	10.0
29754	Core	1.20	6.61	1.36	1.4	0.03	0.94	7.9	14.7	0.16	198	0.34	0.05	0.6	8.5
29755	Core	0.78	5.34	1.49	1.0	0.07	0.71	9.5	22.0	0.11	187	0.32	0.04	0.6	6.2
29756	Core	1.38	8.08	0.89	1.2	0.05	1.15	8.6	16.3	0.18	253	0.28	0.06	0.6	10.3
29757	Core	1.02	5.77	0.94	1.4	0.02	0.51	11.8	16.9	0.12	95	0.35	0.03	0.7	7.0
29758	Core	1.34	6.14	0.85	3.6	0.02	0.60	14.9	26.2	0.26	225	0.30	0.04	0.9	10.4
29759	Core	1.48	6.29	0.75	1.5	0.01	0.50	9.6	16.5	0.23	337	0.31	0.04	0.6	9.5
29760	Core	1.53	7.03	0.90	1.0	0.02	0.61	14.6	19.5	0.25	272	0.32	0.11	0.4	10.0
29761	Core	1.75	7.16	0.94	1.3	0.01	0.57	10.8	25.5	0.38	293	0.27	0.33	0.6	11.1
29762	Core	1.62	7.09	0.82	1.4	0.01	0.75	12.6	22.7	0.33	247	0.33	0.28	0.6	11.6
29763	Core	1.81	8.12	0.70	1.8	0.02	0.75	16.5	28.1	0.35	248	0.25	0.08	0.9	12.0
29764	Core	1.75	7.55	0.67	1.5	0.02	0.77	13.6	22.8	0.32	245	0.25	0.05	0.8	11.0
29765	Core	1.83	8.62	0.74	1.7	0.02	0.81	14.9	18.5	0.38	220	0.28	0.36	0.8	11.8
29766	Core	1.49	6.46	0.64	1.1	0.02	0.76	11.6	10.6	0.24	273	0.30	0.11	0.6	9.7
29767	Core	1.30	5.34	0.54	1.1	0.02	0.49	10.3	14.2	0.21	277	0.32	0.03	0.5	8.5
29768	Core	1.12	4.72	0.45	1.1	0.01	0.45	12.2	9.9	0.20	370	0.35	0.03	0.5	7.8
29769	Core	1.15	5.02	0.47	1.2	0.01	0.41	14.0	8.1	0.23	415	0.30	0.03	0.5	8.3
29770	Core	1.21	5.76	0.34	1.3	0.02	0.61	15.3	13.4	0.26	471	0.36	0.04	0.6	8.5
29771	Core	1.22	6.22	0.40	1.5	0.02	0.72	15.5	16.1	0.19	491	0.28	0.05	0.6	10.3
29772	Core	1.65	13.06	0.53	2.2	0.02	1.60	24.4	19.7	0.34	403	0.32	0.12	1.2	17.2
29773	Core	1.00	4.33	0.51	1.0	0.01	0.42	11.6	9.8	0.30	508	0.44	0.16	0.5	7.2
29774	Core	1.06	5.15	0.32	1.2	<0.01	0.56	13.2	8.9	0.35	719	1.22	0.04	0.5	5.7
29775	Core	1.00	4.78	0.36	1.0	<0.01	0.48	12.8	12.0	0.24	448	0.88	0.04	0.4	7.4
29776	Core	2.21	5.28	0.45	1.5	0.02	0.50	14.3	21.7	0.43	496	0.81	0.04	0.6	12.8
29777	Core	4.95	30.88	1.32	3.3	0.10	4.72	21.7	45.5	1.04	581	1.20	0.40	2.3	42.9
29778	Core	6.24	29.84	1.41	3.0	0.10	4.74	24.0	63.6	1.25	590	1.56	0.41	2.6	52.2
29779	Core	5.44	28.04	1.41	3.1	0.11	4.91	24.7	62.9	1.32	595	0.93	0.41	3.3	38.6
29780	Core	0.52	0.41	<0.05	<0.1	<0.01	0.02	0.6	0.9	>10	229	0.05	<0.01	0.2	3.8
29781	Core	5.21	29.82	1.63	2.8	0.08	4.68	49.7	76.9	1.40	462	0.33	0.36	2.9	40.4
29782	Core	5.12	28.40	1.29	2.9	0.09	4.84	23.6	72.3	1.35	364	0.51	0.38	2.4	39.9
29783	Core	5.79	27.74	1.05	2.7	0.08	3.23	12.6	71.1	1.27	676	0.45	0.37	2.0	48.1
29784	Core	5.87	28.04	1.31	2.5	0.09	4.52	18.4	77.3	1.32	713	0.57	0.39	2.0	42.9
29785	Core	5.56	28.39	1.58	2.5	0.09	4.66	30.9	78.4	1.38	436	0.70	0.39	1.9	40.8
29786	Core	5.41	27.38	1.52	2.7	0.08	2.58	43.4	79.6	1.42	462	0.37	0.37	2.2	41.2
29787	Core	5.75	26.68	1.46	2.5	0.08	1.79	37.9	81.1	1.48	488	0.28	0.36	2.2	40.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29788	Core	5.07	28.73	1.54	2.6	0.08	2.44	41.6	80.8	1.33	401	0.23	0.41	2.3	41.8
29789	Core	5.56	26.76	1.37	2.7	0.08	3.99	27.2	80.8	1.36	472	0.39	0.35	2.1	46.9
29790	Core	5.10	28.40	1.39	2.9	0.09	1.95	36.3	79.6	1.29	625	0.37	0.37	2.4	40.3
29791	Core	5.65	29.66	1.63	2.8	0.08	4.35	56.0	88.0	1.49	499	0.62	0.38	2.4	41.3
29792	Core	5.43	26.66	1.39	4.2	0.08	4.20	62.9	84.8	1.37	496	0.53	0.36	3.0	36.9
29793	Core	5.69	27.55	1.49	3.0	0.08	4.26	45.5	86.7	1.41	508	0.57	0.38	2.8	38.3
29794	Core	6.10	27.68	1.53	3.0	0.08	4.51	52.4	93.9	1.58	534	0.37	0.39	2.2	40.8
29795	Core	5.63	27.86	1.49	2.9	0.08	4.46	31.5	84.1	1.41	452	0.46	0.38	2.6	40.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29748	Core	437	10.9	51.6	0.005	0.051	0.42	3.5	1.1	0.8	51.4	0.05	<0.05	7.3	0.022
29749	Core	154	9.0	30.9	0.004	0.045	0.42	2.6	<1.0	0.6	45.2	<0.05	<0.05	6.2	0.017
29750	Core	418	11.3	43.9	0.007	0.086	0.61	3.0	1.2	0.7	49.1	0.08	<0.05	7.7	0.021
29751	Core	406	21.3	163.8	0.007	0.125	1.36	13.5	<1.0	2.2	82.6	0.11	<0.05	15.1	0.067
29752	Core	189	19.3	87.9	0.007	0.311	1.46	8.4	<1.0	1.4	75.1	0.06	<0.05	9.9	0.036
29753	Core	37	396.2	31.1	0.009	3.001	15.26	2.2	3.7	2.3	63.5	<0.05	<0.05	6.7	0.013
29754	Core	108	33.0	47.0	0.007	0.474	2.36	2.5	<1.0	3.8	39.2	<0.05	<0.05	8.1	0.021
29755	Core	114	123.3	36.8	0.005	0.125	1.40	2.0	<1.0	2.9	18.3	<0.05	<0.05	6.4	0.021
29756	Core	106	77.3	58.1	<0.002	0.300	0.98	2.9	<1.0	7.8	18.1	<0.05	<0.05	6.5	0.025
29757	Core	166	40.3	28.5	0.003	0.045	0.75	2.7	1.4	2.0	11.8	<0.05	<0.05	7.3	0.022
29758	Core	130	12.0	29.8	0.005	0.073	0.36	2.9	<1.0	0.9	15.3	0.18	<0.05	10.6	0.021
29759	Core	89	9.4	27.3	0.005	0.080	0.43	2.7	1.2	0.7	15.9	0.09	<0.05	7.3	0.016
29760	Core	99	8.2	31.0	0.006	0.122	0.53	3.1	<1.0	0.7	17.6	0.05	<0.05	6.7	0.014
29761	Core	92	8.2	30.5	0.008	0.064	0.37	3.2	1.7	0.6	23.6	0.09	<0.05	7.4	0.019
29762	Core	107	8.6	35.0	0.008	0.114	0.49	3.0	1.6	0.7	22.7	0.08	<0.05	7.8	0.021
29763	Core	91	10.0	36.9	0.006	0.065	0.52	3.7	1.5	0.7	26.3	0.10	<0.05	9.8	0.026
29764	Core	103	8.8	35.0	0.005	0.108	0.53	3.5	1.3	0.6	18.3	0.08	<0.05	8.3	0.026
29765	Core	117	7.4	39.7	0.008	0.099	0.51	3.4	1.3	0.7	22.7	0.07	<0.05	8.0	0.028
29766	Core	117	8.2	33.5	0.007	0.174	0.63	2.6	1.3	1.4	14.5	<0.05	<0.05	6.6	0.022
29767	Core	148	12.7	23.1	0.005	0.132	0.53	2.4	1.3	1.0	13.9	<0.05	<0.05	6.8	0.016
29768	Core	95	10.8	21.1	0.007	0.099	0.42	2.3	<1.0	0.8	12.4	<0.05	<0.05	7.1	0.016
29769	Core	96	10.9	21.0	0.007	0.025	0.36	2.1	<1.0	0.5	13.8	<0.05	<0.05	8.0	0.017
29770	Core	76	10.5	29.1	0.009	0.023	0.43	2.5	<1.0	0.5	21.4	<0.05	<0.05	8.1	0.019
29771	Core	95	9.9	32.7	0.005	0.030	0.37	2.9	<1.0	0.6	20.7	<0.05	<0.05	8.7	0.024
29772	Core	126	17.4	80.5	0.007	0.025	0.78	5.8	1.5	1.2	45.8	0.08	<0.05	12.7	0.037
29773	Core	207	11.7	20.3	0.009	<0.01	0.26	1.9	<1.0	0.4	23.8	<0.05	<0.05	5.8	0.016
29774	Core	254	10.5	29.2	0.009	<0.01	0.20	2.2	1.0	0.6	27.5	<0.05	<0.05	7.0	0.018
29775	Core	76	10.5	27.3	0.006	0.032	0.32	1.9	1.5	0.6	25.1	<0.05	<0.05	6.6	0.014
29776	Core	85	7.2	25.5	0.005	0.041	0.45	2.3	<1.0	0.5	23.3	0.07	<0.05	8.9	0.019
29777	Core	393	33.2	225.0	0.007	0.784	4.76	17.7	2.4	2.9	169.3	0.25	<0.05	18.9	0.095
29778	Core	197	67.9	219.4	0.010	2.156	3.53	19.3	1.6	3.2	133.6	0.24	<0.05	17.7	0.109
29779	Core	226	36.2	228.0	0.008	0.620	1.41	17.7	1.7	3.0	131.3	0.28	<0.05	18.4	0.127
29780	Core	140	2.6	0.9	0.004	<0.01	0.10	0.2	3.2	<0.2	48.0	0.10	<0.05	0.3	<0.005
29781	Core	283	9.3	223.2	0.005	0.174	0.45	17.0	1.5	2.6	108.9	0.23	<0.05	19.9	0.113
29782	Core	238	15.8	227.7	0.005	0.367	0.85	17.3	1.4	2.7	111.3	0.19	<0.05	15.9	0.099
29783	Core	815	34.7	151.2	0.007	1.974	2.39	16.6	1.5	2.6	115.4	0.15	<0.05	13.0	0.086
29784	Core	330	23.8	223.8	0.008	1.480	1.27	17.4	2.1	2.7	115.8	0.16	<0.05	14.0	0.087
29785	Core	616	27.4	235.5	0.007	0.470	5.08	17.7	<1.0	2.8	122.0	0.14	<0.05	15.5	0.092
29786	Core	416	19.6	115.5	0.010	0.177	0.75	16.6	1.1	2.7	114.7	0.17	<0.05	17.3	0.099
29787	Core	636	17.5	80.4	0.007	0.146	0.38	16.0	<1.0	2.6	112.0	0.16	<0.05	16.0	0.101

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29788	Core	257	20.5	110.5	0.005	0.108	0.19	19.2	1.7	2.8	123.7	0.15	<0.05	16.4	0.100
29789	Core	1331	42.6	206.0	0.011	0.498	4.16	16.9	2.0	2.5	119.9	0.16	<0.05	14.6	0.093
29790	Core	372	20.6	98.3	0.008	0.188	1.19	18.3	1.1	2.9	121.0	0.18	<0.05	17.4	0.107
29791	Core	581	14.7	223.5	0.010	0.040	0.30	18.4	1.4	2.7	118.5	0.16	<0.05	18.7	0.104
29792	Core	251	8.5	202.3	0.007	<0.01	2.07	17.8	<1.0	2.7	114.9	0.62	<0.05	19.7	0.099
29793	Core	203	19.1	223.1	0.005	0.117	0.83	18.1	1.1	2.8	116.8	0.36	<0.05	18.6	0.101
29794	Core	1115	13.5	214.9	0.007	<0.01	0.19	17.8	1.6	2.5	125.6	0.31	<0.05	20.4	0.094
29795	Core	333	17.0	218.2	0.005	0.548	1.21	17.0	1.6	2.7	114.1	0.22	<0.05	15.5	0.106

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29748	Core	0.32	1.6	43	0.2	3.2	23	34.8
29749	Core	0.16	0.9	35	0.2	2.8	23	31.4
29750	Core	0.23	1.5	39	0.2	3.7	24	36.4
29751	Core	1.03	3.7	133	2.2	7.5	101	82.2
29752	Core	0.53	2.2	84	0.8	5.7	88	55.5
29753	Core	0.22	1.0	26	1.0	2.9	167	29.5
29754	Core	0.34	1.2	31	1.1	3.2	46	33.8
29755	Core	0.22	1.0	24	1.1	2.7	241	30.8
29756	Core	0.37	1.2	41	0.7	3.0	182	35.6
29757	Core	0.20	1.1	29	0.3	3.4	128	44.1
29758	Core	0.21	1.3	39	0.3	3.5	26	42.8
29759	Core	0.18	1.0	34	0.2	3.1	24	37.1
29760	Core	0.21	1.0	37	0.2	3.1	27	33.0
29761	Core	0.20	1.2	42	0.2	3.1	29	37.6
29762	Core	0.25	1.2	40	0.2	3.1	26	37.7
29763	Core	0.25	1.4	44	0.3	4.2	29	51.5
29764	Core	0.25	1.3	46	0.2	3.7	30	45.4
29765	Core	0.26	1.3	48	0.2	3.6	29	45.0
29766	Core	0.19	1.1	37	0.2	3.0	28	37.1
29767	Core	0.19	0.9	32	0.2	2.8	27	32.9
29768	Core	0.14	1.0	29	0.1	2.8	22	32.8
29769	Core	0.13	1.1	29	0.1	3.4	17	36.9
29770	Core	0.17	1.2	34	0.1	3.7	15	37.2
29771	Core	0.21	1.3	37	0.2	4.0	19	43.1
29772	Core	0.45	1.9	71	0.3	6.1	55	74.3
29773	Core	0.13	0.8	27	0.1	3.1	16	29.5
29774	Core	0.17	1.0	30	<0.1	3.6	19	31.1
29775	Core	0.13	1.0	26	0.1	3.3	12	33.6
29776	Core	0.15	1.2	34	0.2	4.2	42	42.0
29777	Core	1.39	4.6	173	0.6	8.3	105	98.5
29778	Core	1.34	4.0	174	0.5	6.9	110	91.6
29779	Core	1.39	4.1	176	0.6	7.5	107	86.6
29780	Core	<0.02	0.5	256	<0.1	0.7	15	0.7
29781	Core	1.28	4.1	169	0.4	7.8	109	81.7
29782	Core	1.38	4.2	171	0.3	6.2	122	81.5
29783	Core	1.27	4.0	160	0.3	7.5	119	76.9
29784	Core	1.23	3.9	163	0.3	6.5	122	79.1
29785	Core	1.25	4.0	173	0.3	7.1	121	79.4
29786	Core	1.27	3.6	170	0.3	7.3	128	79.8
29787	Core	1.20	3.7	168	0.3	7.9	129	75.3

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29788	Core	1.23	3.8	167	0.3	6.9	125	77.7
29789	Core	1.18	4.1	159	0.3	9.0	124	80.6
29790	Core	1.25	4.2	164	0.3	8.1	112	87.8
29791	Core	1.21	4.0	171	0.3	8.2	130	82.1
29792	Core	1.25	3.7	171	0.4	7.4	120	80.7
29793	Core	1.35	4.1	170	0.3	7.9	122	87.4
29794	Core	1.29	4.2	175	0.3	8.8	136	80.2
29795	Core	1.29	4.1	168	0.3	7.1	120	85.2

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29748	Core		0.17	3.81	7.8	215	0.61	0.11	0.51	0.03	22.34	4.0	206	3.24	14.1
29748 Dup			0.14	3.81	7.3	221	0.87	0.13	0.53	0.04	19.92	4.3	207	3.40	14.8
QCV1112-00227-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.71	6999.2	241						11.1			29.2
29766	Core		0.11	3.36	6.5	140	0.39	0.18	0.23	0.05	25.60	4.1	152	1.38	9.3
29766 Dup			0.11	3.45	7.2	135	0.32	0.18	0.17	0.08	29.22	4.6	159	1.48	9.8
QCV1112-00227-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.04	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	8.84	7.5	434	2.70	2.39		0.08	85.38	16.7		7.12	2312.1
29784	Core		0.13	>10	22.4	1036	4.13	0.49	0.29	0.09	35.25	18.7	109	5.62	42.4
29784 Dup			0.16	>10	22.5	1105	3.75	0.51	0.29	0.07	49.16	18.3	108	5.70	43.6
QCV1112-00227-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.04	<0.1	<1	<0.05	<0.2
QCV1112-00227-0009-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.09	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.69	8.92	4.9	408	2.83	2.54		0.05	100.97	15.6		6.51	2324.5
29748	Core	<0.005													
29748 Dup		<0.005													
29766	Core	<0.005													
29766 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.282													
QCV1112-00228-0004-BLK		<0.005													
29784	Core	0.008													
29784 Dup		0.008													
QCV1112-00228-0006-BLK		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.800													

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29748	Core	1.25	7.66	0.67	1.2	0.02	1.07	8.0	17.9	0.31	224	0.44	0.47	0.6	11.4
29748 Dup		1.28	9.04	0.64	1.2	0.02	1.05	8.9	18.6	0.31	229	0.43	0.46	0.6	12.0
QCV1112-00227-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.94	478				48.4
29766	Core	1.49	6.46	0.64	1.1	0.02	0.76	11.6	10.6	0.24	273	0.30	0.11	0.6	9.7
29766 Dup		1.52	6.68	0.68	1.3	0.02	0.79	11.1	11.0	0.24	277	0.30	0.11	0.5	10.3
QCV1112-00227-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.71	18.86		4.1	0.34	3.25	43.6	26.5	1.64		0.35	0.53	13.9	
29784	Core	5.87	28.04	1.31	2.5	0.09	4.52	18.4	77.3	1.32	713	0.57	0.39	2.0	42.9
29784 Dup		5.76	29.30	1.26	2.9	0.09	4.44	18.2	78.2	1.30	698	0.60	0.38	2.8	40.3
QCV1112-00227-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1112-00227-0009-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.86	17.43		6.4	0.30	1.89	43.3	24.8	1.67		0.41	0.53	13.1	31.9

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29748	Core	437	10.9	51.6	0.005	0.051	0.42	3.5	1.1	0.8	51.4	0.05	<0.05	7.3	0.022
29748 Dup		436	11.3	55.4	0.007	0.045	0.44	4.0	1.4	0.9	55.3	<0.05	<0.05	7.8	0.022
QCV1112-00227-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		328	12.8												
29766	Core	117	8.2	33.5	0.007	0.174	0.63	2.6	1.3	1.4	14.5	<0.05	<0.05	6.6	0.022
29766 Dup		113	8.4	35.6	0.008	0.185	0.61	2.8	1.9	1.4	15.4	<0.05	<0.05	7.6	0.020
QCV1112-00227-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		676	9.7	207.1	0.009	0.293	1.15	12.7		10.3	38.8	0.87		18.5	
29784	Core	330	23.8	223.8	0.008	1.480	1.27	17.4	2.1	2.7	115.8	0.16	<0.05	14.0	0.087
29784 Dup		343	23.1	230.5	0.008	1.446	1.35	18.6	2.8	2.8	113.9	0.21	<0.05	15.1	0.105
QCV1112-00227-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1112-00227-0009-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		687	10.2		0.009	0.290	1.00	13.4		10.7	37.9	1.07		18.5	

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11-360-08863-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29748	Core	0.32	1.6	43	0.2	3.2	23	34.8
29748 Dup		0.31	1.7	44	0.2	3.5	22	35.5
QCV1112-00227-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		20.71					202	
29766	Core	0.19	1.1	37	0.2	3.0	28	37.1
29766 Dup		0.25	1.3	39	0.2	3.0	30	37.0
QCV1112-00227-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.00	3.3		2.4	26.7	90	125.1
29784	Core	1.23	3.9	163	0.3	6.5	122	79.1
29784 Dup		1.31	4.0	161	0.4	6.8	120	79.7
QCV1112-00227-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1112-00227-0009-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.08	3.5		2.5	26.6	94	112.0

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Inspectorate Exploration & Mining Services Ltd.
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Richmond, British Columbia V7A 4V5 Canada
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 95**
Client Reference: **Core 95**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 12/22/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	53	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-08864-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29888	Core	0.293	1.19	2.57	>10000	124	0.76	4.84	0.03	0.16	16.19	9.3	130	1.93	10.6
29889	Core	0.014	0.60	3.32	1907.5	223	0.64	1.93	0.08	0.79	19.63	4.9	137	2.47	14.5
29890	Pulp	7.587	0.51	3.14	973.2	132	1.00	0.63	>10	4.22	23.10	8.1	87	6.93	40.7
29891	Core	0.040	0.84	3.30	6340.4	246	0.71	2.49	0.10	1.26	14.24	5.9	130	2.82	20.5
29892	Core	<0.005	0.25	2.24	48.9	107	0.51	0.46	0.09	0.33	16.75	3.4	125	1.25	15.0
29893	Core	0.046	0.21	1.78	1855.2	114	0.37	0.95	0.04	0.20	11.67	3.4	138	1.39	16.4
29894	Core	0.049	0.40	2.26	3827.9	132	0.59	1.43	0.03	0.31	18.37	4.6	138	1.88	15.5
29895	Core	0.025	0.31	3.24	1518.6	227	0.78	1.21	0.07	0.42	21.71	5.3	137	2.73	28.5
29896	Core	0.309	0.52	1.95	>10000	96	0.49	4.53	0.04	0.07	15.74	8.4	142	2.08	11.2
29897	Core	0.588	0.57	1.56	>10000	67	0.41	4.94	0.02	0.04	11.78	20.5	142	1.41	13.0
29898	Core	0.008	0.14	2.70	301.6	163	0.48	0.19	0.04	0.03	15.53	3.7	135	2.47	17.1
29899	Core	0.006	0.13	2.31	86.6	101	0.39	0.25	0.04	0.38	23.36	4.9	135	1.53	23.1
29900	Core	<0.005	0.26	3.40	39.2	176	0.67	0.44	0.45	1.96	21.91	6.2	117	1.75	15.8
29901	Core	0.012	2.12	3.09	41.5	144	0.66	6.83	0.74	13.15	13.20	6.9	99	1.44	30.7
29902	Core	<0.005	0.15	2.57	23.8	114	0.57	0.11	1.22	0.07	22.24	5.4	121	1.24	14.1
29903	Core	<0.005	0.43	>10	83.9	1093	4.36	0.64	0.51	0.19	33.19	26.0	98	7.00	62.8
29904	Core	0.005	0.24	>10	80.3	1042	4.30	0.64	0.34	0.09	48.26	21.0	91	6.26	66.6
29905	Core	<0.005	0.20	>10	44.8	967	3.93	0.47	0.30	0.32	31.28	22.3	114	6.52	50.1
29906	Core	<0.005	0.11	>10	20.9	889	3.63	0.42	0.07	0.05	79.05	17.5	88	5.52	55.5
29907	Core	0.008	0.20	>10	61.0	1028	3.38	0.94	0.26	0.08	28.02	45.7	86	6.32	66.9
29908	Core	0.009	0.13	>10	36.5	1000	3.17	0.35	0.10	0.08	25.48	18.7	89	6.01	57.1
29909	Core	0.013	0.20	>10	73.3	971	2.91	0.57	0.07	0.15	51.19	25.1	100	6.07	67.6
29910	Core	0.008	0.18	>10	59.6	943	3.05	0.51	0.26	0.13	68.15	19.1	94	5.55	56.1
29911	Core	0.008	0.26	>10	51.8	945	3.22	0.45	0.10	0.13	56.92	21.7	94	6.42	71.4
29912	Core	0.005	0.25	>10	20.1	1036	3.13	0.29	0.16	0.07	78.93	14.5	93	5.78	64.6
29913	Core	<0.005	0.16	>10	26.9	1057	4.08	0.68	0.08	0.07	70.90	17.4	96	6.14	68.8
29914	Core	<0.005	0.20	>10	26.1	976	3.22	0.65	0.17	0.09	64.42	22.8	95	5.66	73.7
29915	Core	0.008	0.23	>10	34.9	938	3.41	0.52	0.32	0.11	35.28	20.9	96	5.81	62.8
29916	Core	0.006	0.17	>10	40.9	1055	3.44	0.24	0.09	0.08	41.89	25.1	99	6.51	58.6
29917	Core	0.007	0.26	>10	41.6	995	2.78	0.43	0.50	0.09	46.17	21.0	94	5.47	54.3
29918	Core	0.006	0.26	>10	54.4	920	2.95	0.52	0.19	0.12	34.36	24.9	94	5.18	67.5
29919	Core	<0.005	0.22	>10	33.0	1018	3.20	0.48	0.20	0.10	37.31	18.9	90	5.55	57.9
29920	Core	0.016	0.23	>10	47.1	1001	3.32	0.41	0.19	0.20	31.19	31.8	92	6.08	69.5
29921	Core	0.005	0.19	>10	28.9	966	3.11	0.46	0.14	0.09	34.35	24.9	91	5.94	66.5
29922	Core	<0.005	0.20	>10	22.1	1086	3.37	0.56	0.16	0.08	48.11	19.1	92	6.16	74.5
29923	Core	<0.005	0.20	>10	12.8	959	2.67	0.35	0.18	0.07	53.89	12.7	96	5.39	62.2
29924	Core	<0.005	0.18	>10	15.2	993	3.20	0.44	0.23	0.09	81.34	16.3	94	5.96	68.2
29925	Core	<0.005	0.43	>10	14.1	1019	3.64	0.29	0.14	0.09	57.41	13.6	97	6.24	77.6
29926	Core	<0.005	0.47	>10	12.8	1049	3.08	0.52	0.11	0.07	45.54	13.4	101	6.12	94.7
29927	Core	0.005	0.45	>10	22.5	1060	3.51	0.85	0.11	0.08	45.58	19.2	103	6.32	115.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29928	Core	<0.005	0.22	0.06	4.5	18	0.11	0.03	>10	0.07	1.02	1.2	7	0.21	7.6
29929	Core	<0.005	0.42	>10	16.9	915	3.07	0.38	0.17	0.10	63.52	15.0	98	5.54	66.9
29930	Core	<0.005	0.23	>10	21.0	934	3.13	0.47	0.13	0.05	56.59	17.8	93	5.32	66.6
29931	Core	0.006	0.18	>10	24.5	941	3.14	0.36	0.14	0.09	40.13	21.7	101	5.95	62.9
29932	Core	<0.005	0.17	>10	27.0	980	3.14	0.53	0.19	0.08	29.01	19.5	95	5.85	64.6
29933	Core	<0.005	0.22	>10	21.4	901	2.64	0.48	0.51	0.07	69.41	20.2	84	5.59	68.2
29934	Core	<0.005	0.16	>10	37.0	913	3.06	0.62	0.08	0.08	36.42	33.1	87	5.43	62.1
29935	Core	<0.005	0.20	>10	22.0	1040	3.27	0.53	0.06	0.05	69.49	18.6	85	6.22	81.3
29936	Core	<0.005	0.17	>10	38.8	795	2.78	0.83	0.35	0.07	56.98	30.3	88	4.90	69.2
29937	Core	<0.005	0.44	>10	19.2	880	3.05	0.61	0.17	0.13	81.68	18.7	95	5.59	71.5
29938	Core	<0.005	0.27	>10	15.4	954	3.21	0.59	0.08	0.07	81.11	18.4	95	5.98	75.4
29939	Core	<0.005	0.45	>10	14.0	876	2.70	0.38	0.14	0.04	71.51	17.0	89	5.63	68.8
29940	Core	0.036	0.26	>10	27.9	903	3.41	0.44	0.25	0.07	56.93	24.5	86	5.44	64.8
29941	Core	<0.005	0.15	>10	27.6	898	3.41	0.50	0.09	0.08	51.77	22.4	91	5.49	68.6

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29888	Core	2.16	6.39	1.65	0.9	0.05	1.01	7.4	6.4	0.12	75	0.40	0.05	0.4	13.2
29889	Core	0.91	7.89	1.25	1.3	0.03	1.22	8.8	9.8	0.16	207	0.42	0.06	0.7	10.5
29890	Pulp	1.21	6.29	<0.05	1.9	0.06	1.36	12.3	8.9	0.77	228	11.33	<0.01	5.8	72.2
29891	Core	1.38	9.14	1.49	1.2	0.04	1.20	6.6	11.2	0.17	282	0.48	0.06	0.6	12.2
29892	Core	0.83	4.84	1.03	0.9	0.02	0.57	7.6	13.8	0.13	244	0.52	0.03	0.5	8.4
29893	Core	0.81	4.54	1.13	0.8	0.02	0.69	5.4	10.6	0.09	205	0.44	0.03	0.4	8.1
29894	Core	0.86	5.87	1.32	1.0	0.02	0.83	7.9	8.9	0.14	100	0.57	0.05	0.6	9.1
29895	Core	1.11	8.42	1.40	1.4	0.03	1.17	9.9	25.0	0.17	287	0.43	0.06	0.6	14.8
29896	Core	3.79	5.31	2.10	0.9	0.07	0.77	7.7	9.2	0.08	79	0.64	0.04	0.5	11.2
29897	Core	4.14	4.02	1.95	0.7	0.08	0.49	5.4	25.8	0.09	36	1.12	0.04	0.4	17.2
29898	Core	0.66	6.46	1.07	0.8	0.02	0.86	6.9	31.1	0.13	88	0.36	0.05	0.6	12.7
29899	Core	0.84	5.12	1.02	0.8	0.02	0.52	10.4	31.2	0.13	117	0.33	0.04	0.5	9.6
29900	Core	1.37	7.89	0.80	1.3	0.05	0.79	9.8	25.7	0.31	445	0.35	0.05	0.6	14.3
29901	Core	1.60	6.75	0.68	1.0	0.21	0.62	5.7	20.5	0.41	748	0.32	0.04	0.5	13.6
29902	Core	1.60	5.12	0.48	0.9	0.02	0.52	9.8	28.0	0.58	1176	0.51	0.04	0.4	11.9
29903	Core	4.14	27.66	1.14	3.8	0.09	4.73	17.9	54.9	1.17	580	0.50	0.34	3.5	52.7
29904	Core	4.35	26.53	1.17	2.9	0.09	2.58	27.1	56.9	1.20	575	0.41	0.30	2.5	50.5
29905	Core	4.40	24.63	1.26	2.3	0.10	3.78	17.3	64.4	1.21	379	0.59	0.30	2.4	51.9
29906	Core	5.03	24.91	1.48	2.8	0.08	2.40	43.0	85.4	1.43	416	0.37	0.32	2.5	54.5
29907	Core	5.04	25.45	1.30	2.2	0.08	3.89	14.6	79.0	1.31	434	0.53	0.34	1.8	63.2
29908	Core	4.39	25.09	1.29	2.4	0.08	4.43	14.2	62.1	1.22	379	0.35	0.31	1.8	46.8
29909	Core	4.68	25.06	1.42	2.6	0.09	4.03	29.3	70.7	1.28	474	0.46	0.27	2.5	58.7
29910	Core	4.92	25.97	1.53	2.6	0.08	3.94	37.9	72.1	1.37	557	0.63	0.28	2.4	50.1
29911	Core	4.79	25.67	1.45	2.6	0.08	2.18	31.2	80.9	1.27	513	0.66	0.30	2.7	50.9
29912	Core	4.96	26.81	1.49	2.6	0.09	2.45	43.3	85.0	1.40	471	0.37	0.32	2.5	51.8
29913	Core	4.47	26.90	1.33	2.6	0.09	2.64	39.3	83.5	1.28	429	0.29	0.35	2.9	51.2
29914	Core	5.06	24.29	1.49	2.6	0.09	1.95	36.1	82.7	1.41	538	0.37	0.33	2.5	59.5
29915	Core	4.99	24.00	1.55	2.4	0.08	3.66	19.3	75.6	1.37	648	0.44	0.30	1.8	50.9
29916	Core	4.40	27.40	1.40	2.7	0.08	3.01	23.1	69.8	1.16	451	0.37	0.36	2.6	49.4
29917	Core	4.77	24.99	1.56	2.4	0.08	2.28	24.7	78.5	1.31	517	0.53	0.33	2.6	49.7
29918	Core	5.15	23.89	1.51	2.6	0.08	2.43	19.5	83.0	1.43	806	0.40	0.31	2.2	54.8
29919	Core	4.46	26.49	1.35	2.5	0.07	3.47	20.6	74.0	1.29	588	0.51	0.34	2.4	47.2
29920	Core	4.82	25.55	1.42	2.3	0.09	4.04	16.6	74.4	1.27	485	0.60	0.35	2.1	51.5
29921	Core	4.85	24.55	1.35	2.6	0.08	3.85	19.1	75.8	1.35	498	0.48	0.35	2.2	54.1
29922	Core	4.83	26.87	1.29	2.8	0.08	3.17	26.5	86.1	1.38	460	0.32	0.36	2.3	54.1
29923	Core	4.86	24.81	1.39	2.6	0.08	3.91	29.8	78.7	1.39	478	0.23	0.35	2.5	46.3
29924	Core	5.29	25.61	1.37	2.7	0.08	3.88	43.1	93.6	1.50	525	0.31	0.35	2.5	52.7
29925	Core	5.31	28.29	0.09	2.4	0.08	4.03	32.2	99.3	1.53	513	0.31	0.37	2.1	56.8
29926	Core	4.30	28.71	1.49	2.5	0.09	4.21	24.7	77.3	1.25	396	0.31	0.37	2.4	45.9
29927	Core	4.41	27.30	1.35	2.4	0.09	4.00	25.3	79.6	1.26	411	0.38	0.37	2.7	49.4

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Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29928	Core	0.41	0.29	<0.05	<0.1	<0.01	0.02	0.6	1.3	>10	171	0.39	<0.01	0.2	3.3
29929	Core	5.23	24.90	1.54	2.9	0.07	3.83	34.2	84.8	1.49	517	0.36	0.34	2.8	48.6
29930	Core	5.26	23.07	1.18	2.4	0.08	3.80	30.9	87.8	1.45	528	0.35	0.36	2.6	45.6
29931	Core	4.73	24.86	1.33	2.5	0.08	3.49	22.6	73.5	1.31	471	0.47	0.39	2.3	48.5
29932	Core	5.01	25.20	1.03	2.2	0.08	4.07	15.7	95.2	1.42	612	0.44	0.39	1.7	52.4
29933	Core	4.90	26.77	<0.05	2.5	0.08	3.37	36.8	89.9	1.36	620	0.49	0.34	2.3	55.1
29934	Core	4.82	25.92	1.45	2.3	0.08	3.67	21.0	77.4	1.29	492	0.57	0.38	2.4	53.3
29935	Core	4.35	30.75	<0.05	2.4	0.08	4.03	39.2	85.0	1.25	440	0.27	0.39	3.3	53.7
29936	Core	5.15	23.70	0.09	2.5	0.07	3.50	31.0	80.0	1.41	821	0.52	0.34	2.8	53.6
29937	Core	4.56	24.11	0.75	4.2	0.08	3.89	44.2	74.3	1.29	442	0.45	0.39	4.0	50.3
29938	Core	4.87	28.34	0.80	2.6	0.08	3.77	45.1	83.1	1.38	463	0.37	0.41	3.3	51.8
29939	Core	4.95	26.67	1.27	2.6	0.08	3.84	39.3	80.3	1.41	489	0.46	0.37	2.8	49.7
29940	Core	4.56	27.28	0.25	2.4	0.08	3.61	32.0	80.1	1.26	500	0.52	0.37	3.5	50.9
29941	Core	4.80	30.17	1.06	2.6	0.08	3.93	29.6	76.8	1.35	414	0.39	0.39	3.0	56.3

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29888	Core	72	303.5	52.5	<0.002	1.392	11.78	3.0	3.3	8.8	14.0	<0.05	0.07	6.7	0.017
29889	Core	95	142.2	60.5	<0.002	0.312	1.72	4.1	2.5	7.1	18.0	<0.05	<0.05	8.5	0.024
29890	Pulp	4064	4.1	108.3	0.041	1.395	17.22	5.9	10.0	1.6	103.6	0.32	0.05	5.6	0.154
29891	Core	89	159.6	66.5	<0.002	0.639	3.67	4.7	2.2	7.0	18.8	<0.05	<0.05	8.7	0.019
29892	Core	94	38.7	31.0	<0.002	0.226	0.86	2.8	2.4	2.1	11.5	<0.05	<0.05	7.1	0.015
29893	Core	74	29.0	37.6	<0.002	0.513	1.49	2.1	3.3	3.8	10.4	<0.05	<0.05	6.0	0.015
29894	Core	83	33.3	44.9	<0.002	0.514	2.32	2.6	2.5	5.5	16.3	<0.05	<0.05	7.4	0.022
29895	Core	96	39.9	62.3	<0.002	0.604	2.10	4.2	1.9	5.7	21.7	<0.05	<0.05	10.2	0.023
29896	Core	59	78.1	44.9	<0.002	2.483	22.32	2.4	2.8	7.9	11.9	<0.05	0.08	6.0	0.014
29897	Core	68	37.6	26.3	<0.002	2.699	21.82	1.7	2.9	5.7	12.8	<0.05	<0.05	4.6	0.012
29898	Core	100	5.0	48.2	<0.002	0.219	0.91	3.0	2.6	4.3	16.0	<0.05	<0.05	6.0	0.018
29899	Core	97	14.9	27.1	<0.002	0.309	0.73	2.2	1.6	2.2	14.9	<0.05	<0.05	5.5	0.016
29900	Core	135	38.9	42.6	<0.002	0.248	1.31	4.4	2.4	1.6	27.7	0.05	<0.05	8.9	0.019
29901	Core	100	687.2	34.7	<0.002	0.482	1.13	4.2	2.0	1.4	29.0	<0.05	<0.05	6.3	0.015
29902	Core	69	13.1	29.0	<0.002	0.106	0.73	3.3	2.0	0.8	46.2	<0.05	<0.05	6.3	0.013
29903	Core	861	25.5	230.4	<0.002	0.341	1.83	21.2	2.6	3.0	104.9	0.73	<0.05	18.2	0.103
29904	Core	334	16.1	130.6	<0.002	0.262	1.07	19.4	2.6	2.7	100.6	0.28	<0.05	16.0	0.088
29905	Core	589	17.5	198.8	<0.002	0.442	1.02	16.7	1.8	2.5	100.3	0.21	<0.05	13.4	0.080
29906	Core	250	16.2	122.4	<0.002	0.140	0.69	17.7	2.6	2.3	94.4	0.22	<0.05	18.3	0.084
29907	Core	1312	78.7	215.2	<0.002	0.909	2.11	19.0	2.2	2.7	92.2	0.17	<0.05	12.1	0.067
29908	Core	468	12.9	210.0	<0.002	0.497	1.40	19.1	2.0	2.5	98.5	0.15	<0.05	13.5	0.072
29909	Core	281	38.1	210.4	<0.002	0.779	2.04	19.9	1.2	2.9	97.7	0.20	<0.05	16.0	0.087
29910	Core	1354	24.7	202.4	<0.002	0.598	1.82	19.4	2.2	2.7	100.7	0.20	<0.05	16.8	0.087
29911	Core	441	37.9	112.1	<0.002	0.530	1.54	19.1	2.0	2.7	95.3	0.20	<0.05	15.6	0.089
29912	Core	802	9.0	130.1	<0.002	0.149	0.71	19.5	2.1	2.7	107.7	0.19	<0.05	16.2	0.087
29913	Core	329	16.5	136.7	<0.002	0.089	0.76	20.9	1.5	2.8	109.1	0.21	<0.05	17.0	0.096
29914	Core	354	31.8	95.1	0.006	0.210	1.12	18.3	2.5	2.5	90.4	0.19	<0.05	16.1	0.090
29915	Core	535	34.5	191.2	<0.002	0.549	1.05	18.2	3.2	2.9	108.5	0.14	<0.05	13.0	0.067
29916	Core	290	26.8	149.3	<0.002	0.842	3.08	19.3	1.9	3.0	90.8	0.23	<0.05	14.3	0.093
29917	Core	2642	24.7	118.5	<0.002	0.526	1.46	18.8	2.8	2.7	98.5	0.20	<0.05	13.7	0.090
29918	Core	251	16.9	125.8	<0.002	0.636	1.49	17.3	1.9	2.4	83.1	0.17	<0.05	13.9	0.079
29919	Core	567	25.5	175.6	0.003	0.247	1.04	17.6	2.6	2.7	91.5	0.19	<0.05	14.1	0.079
29920	Core	755	40.0	211.9	<0.002	1.039	2.48	18.4	2.4	2.9	89.8	0.17	<0.05	12.0	0.079
29921	Core	646	32.1	206.0	<0.002	0.410	1.68	18.3	1.5	2.8	90.7	0.18	<0.05	12.9	0.081
29922	Core	759	23.5	156.0	0.003	0.179	0.84	20.0	1.9	2.9	94.1	0.20	<0.05	16.8	0.081
29923	Core	714	33.5	193.2	0.003	0.161	0.61	19.7	1.4	2.6	93.8	0.19	<0.05	15.8	0.089
29924	Core	1037	17.9	189.0	<0.002	0.153	0.88	18.5	1.1	3.0	95.3	0.19	<0.05	16.5	0.092
29925	Core	637	27.1	205.0	<0.002	0.080	0.59	21.4	1.0	3.0	98.1	0.15	<0.05	15.2	0.080
29926	Core	509	75.7	217.7	<0.002	0.140	0.72	22.4	1.5	3.1	97.6	0.18	<0.05	14.8	0.086
29927	Core	477	136.3	214.2	<0.002	0.243	1.09	22.0	1.7	3.2	97.5	0.17	<0.05	15.0	0.093

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11-360-08864-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29928	Core	160	1.9	1.1	<0.002	0.010	0.11	0.3	2.4	<0.2	41.7	<0.05	<0.05	<0.2	<0.005
29929	Core	656	27.9	188.8	<0.002	0.185	0.62	20.1	1.0	2.7	90.6	0.22	<0.05	17.4	0.100
29930	Core	527	26.4	181.5	<0.002	0.322	0.84	18.2	1.6	2.7	95.9	0.19	<0.05	15.4	0.094
29931	Core	592	26.7	175.3	<0.002	0.337	1.55	19.7	1.3	2.8	103.5	0.17	<0.05	13.5	0.088
29932	Core	778	32.7	197.8	<0.002	0.282	1.21	20.1	1.8	2.9	105.5	0.13	<0.05	11.7	0.070
29933	Core	2730	19.3	190.6	<0.002	0.387	1.44	19.1	2.6	2.8	100.0	0.17	<0.05	16.3	0.078
29934	Core	356	43.3	188.3	<0.002	0.723	1.94	19.3	1.6	2.7	94.1	0.18	<0.05	12.6	0.084
29935	Core	261	19.2	224.0	<0.002	0.188	0.75	23.7	2.3	3.5	98.6	0.20	<0.05	14.4	0.092
29936	Core	1116	51.4	173.9	0.003	0.555	1.02	17.4	1.9	4.0	93.7	0.19	<0.05	13.9	0.093
29937	Core	842	22.2	178.7	<0.002	0.145	0.55	19.5	1.6	4.6	103.4	0.70	<0.05	18.8	0.104
29938	Core	397	36.7	179.2	<0.002	0.115	0.61	22.0	2.0	3.9	103.4	0.36	<0.05	17.2	0.105
29939	Core	652	17.5	197.2	<0.002	0.109	0.43	20.5	2.3	3.2	96.0	0.30	<0.05	16.8	0.093
29940	Core	923	37.6	193.0	<0.002	0.449	1.31	20.6	1.9	2.8	98.0	0.26	<0.05	15.7	0.105
29941	Core	342	21.6	208.4	<0.002	0.406	0.72	21.2	2.0	2.9	98.2	0.28	<0.05	14.8	0.100

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29888	Core	0.27	0.9	29	0.9	2.8	20	35.1
29889	Core	0.35	1.3	39	1.0	3.2	74	44.5
29890	Pulp	14.23	7.4	380	30.7	22.4	248	67.0
29891	Core	0.43	1.3	38	1.0	3.2	82	45.1
29892	Core	0.17	0.9	25	0.5	2.8	31	38.9
29893	Core	0.24	0.8	21	0.7	2.2	20	25.3
29894	Core	0.26	1.0	26	1.5	2.7	24	33.3
29895	Core	0.40	1.4	38	1.2	3.5	43	47.7
29896	Core	0.25	0.7	20	0.9	2.3	10	29.7
29897	Core	0.18	0.6	16	0.9	1.7	6	24.8
29898	Core	0.27	0.9	28	0.8	2.3	19	28.4
29899	Core	0.16	0.8	24	0.6	2.2	43	26.3
29900	Core	0.27	1.3	42	0.8	3.9	137	38.9
29901	Core	0.22	0.9	41	0.4	3.6	832	31.3
29902	Core	0.14	0.9	40	0.3	4.0	31	33.5
29903	Core	1.42	4.3	160	0.7	9.3	111	89.7
29904	Core	1.31	4.0	146	0.6	7.7	112	86.3
29905	Core	1.15	3.6	137	0.6	7.8	203	78.0
29906	Core	1.22	4.1	148	0.5	7.2	123	81.9
29907	Core	1.25	4.1	142	0.4	8.8	113	76.1
29908	Core	1.41	3.9	149	0.4	5.8	101	71.0
29909	Core	1.25	4.2	146	0.6	7.0	109	78.3
29910	Core	1.28	4.5	148	0.6	8.9	112	76.6
29911	Core	1.18	4.3	148	0.6	8.6	103	79.6
29912	Core	1.21	4.2	152	0.5	7.9	115	81.2
29913	Core	1.28	4.0	153	0.4	7.0	106	78.3
29914	Core	1.22	4.4	151	0.3	6.7	124	76.7
29915	Core	1.14	3.9	145	0.5	6.9	108	72.5
29916	Core	1.41	4.5	146	0.4	6.6	92	77.3
29917	Core	1.23	4.2	147	0.4	9.8	117	73.2
29918	Core	1.14	4.0	146	0.4	6.6	119	76.7
29919	Core	1.39	4.1	146	0.4	6.6	108	74.4
29920	Core	1.21	3.8	151	0.4	7.2	106	74.1
29921	Core	1.23	4.4	154	0.4	7.2	113	76.7
29922	Core	1.38	4.9	156	0.4	7.1	115	75.1
29923	Core	1.28	4.3	157	0.4	7.0	117	75.5
29924	Core	1.23	4.7	162	0.4	8.5	122	82.0
29925	Core	1.22	4.0	166	0.4	7.3	123	79.2
29926	Core	1.26	4.0	158	0.5	7.1	96	77.5
29927	Core	1.28	3.9	157	0.4	8.2	99	78.7

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29928	Core	<0.02	0.4	326	<0.1	0.7	15	0.6
29929	Core	1.33	5.2	159	0.5	7.2	122	78.8
29930	Core	1.24	4.2	158	0.4	6.7	124	74.2
29931	Core	1.32	4.4	154	0.3	6.8	111	78.3
29932	Core	1.26	3.8	157	0.3	6.5	121	68.7
29933	Core	1.16	4.9	140	0.4	11.3	128	79.0
29934	Core	1.24	4.0	145	0.3	6.2	117	69.6
29935	Core	1.33	3.7	147	0.4	6.9	109	77.4
29936	Core	1.10	4.0	143	0.4	8.2	116	73.6
29937	Core	1.38	4.6	149	0.6	7.4	120	74.0
29938	Core	1.29	4.8	159	0.5	7.2	125	81.1
29939	Core	1.15	4.4	155	0.4	7.3	121	78.7
29940	Core	1.28	4.4	143	0.5	7.8	110	77.8
29941	Core	1.37	4.3	149	0.5	6.4	129	72.4

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29888	Core		1.19	2.57	>10000	124	0.76	4.84	0.03	0.16	16.19	9.3	130	1.93	10.6
29888 Dup			1.25	2.65	>10000	111	0.57	5.65	0.03	0.14	22.23	9.2	140	1.95	11.7
QCV1112-00221-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	7.59	22.3	448	2.86	2.20	0.43	0.05	87.26	16.6		7.59	2295.4
29906	Core		0.11	>10	20.9	889	3.63	0.42	0.07	0.05	79.05	17.5	88	5.52	55.5
29906 Dup			0.12	>10	18.2	1015	3.36	0.35	0.07	0.04	81.68	17.5	88	5.83	60.7
QCV1112-00221-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.35	6.1	413	2.17	2.52	0.43	0.05	87.59	16.1		6.96	2226.7
29924	Core		0.18	>10	15.2	993	3.20	0.44	0.23	0.09	81.34	16.3	94	5.96	68.2
29924 Dup			0.12	>10	15.0	949	3.16	0.47	0.23	0.05	53.07	15.5	95	5.73	66.5
QCV1112-00221-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.81	7.75	7.2	407	2.61	2.39	0.46	0.10	83.83	16.8		7.06	2344.4
QCV1112-00221-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			97.61												5984.9
29888	Core	0.293													
29888 Dup		0.292													
29906	Core	<0.005													
29906 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.292													
29924	Core	<0.005													
29924 Dup		<0.005													
QCV1112-00222-0006-BLK		<0.005													

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29888	Core	2.16	6.39	1.65	0.9	0.05	1.01	7.4	6.4	0.12	75	0.40	0.05	0.4	13.2
29888 Dup		2.20	6.57	1.75	1.1	0.05	1.02	10.1	6.1	0.13	76	0.39	0.06	0.6	14.5
QCV1112-00221-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.08	18.63		3.7	0.34	2.85	43.1	28.0	1.60		0.36	0.50	14.4	40.4
29906	Core	5.03	24.91	1.48	2.8	0.08	2.40	43.0	85.4	1.43	416	0.37	0.32	2.5	54.5
29906 Dup		5.05	26.74	1.35	2.3	0.08	3.22	45.2	89.6	1.43	415	0.37	0.32	2.3	56.0
QCV1112-00221-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		3.99	17.75		4.0	0.35	2.77	43.3	25.5	1.53		0.36	0.47	13.3	39.4
29924	Core	5.29	25.61	1.37	2.7	0.08	3.88	43.1	93.6	1.50	525	0.31	0.35	2.5	52.7
29924 Dup		5.32	26.95	1.40	2.7	0.08	3.84	28.9	88.8	1.51	527	0.35	0.35	2.3	51.5
QCV1112-00221-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.26	17.78		3.6	0.32	2.91	41.8	26.1	1.60		0.39	0.49	14.1	38.7
QCV1112-00221-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29888	Core	72	303.5	52.5	<0.002	1.392	11.78	3.0	3.3	8.8	14.0	<0.05	0.07	6.7	0.017
29888 Dup		78	311.4	53.7	<0.002	1.409	11.66	3.5	2.9	8.8	15.5	<0.05	0.06	8.0	0.021
QCV1112-00221-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		672	9.8	214.7	0.007	0.284	1.18	13.5		10.3	35.7	0.97	<0.05	17.3	
29906	Core	250	16.2	122.4	<0.002	0.140	0.69	17.7	2.6	2.3	94.4	0.22	<0.05	18.3	0.084
29906 Dup		241	16.6	180.9	<0.002	0.138	0.71	20.2	1.6	2.6	104.0	0.19	<0.05	15.8	0.078
QCV1112-00221-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		670	9.6	199.3	0.002	0.291	1.13	13.7		10.8	33.5	0.97	<0.05	19.1	
29924	Core	1037	17.9	189.0	<0.002	0.153	0.88	18.5	1.1	3.0	95.3	0.19	<0.05	16.5	0.092
29924 Dup		1019	14.8	193.4	<0.002	0.164	0.98	19.1	1.4	2.9	95.4	0.17	<0.05	15.7	0.085
QCV1112-00221-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		696	11.7	189.2	0.003	0.298	1.22	13.6		11.9	33.2	0.95	<0.05	16.0	
QCV1112-00221-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												

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11-360-08864-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29888	Core	0.27	0.9	29	0.9	2.8	20	35.1
29888 Dup		0.31	1.2	30	1.2	3.2	20	38.3
QCV1112-00221-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.03	3.1		2.3	26.5	82	128.5
29906	Core	1.22	4.1	148	0.5	7.2	123	81.9
29906 Dup		1.06	3.6	147	0.4	7.5	123	88.0
QCV1112-00221-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.14	3.6		2.5	25.0	84	116.3
29924	Core	1.23	4.7	162	0.4	8.5	122	82.0
29924 Dup		1.23	5.0	162	0.4	8.2	123	80.7
QCV1112-00221-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.02	3.2		2.3	25.9	90	119.6
QCV1112-00221-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4826	

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
#220 17010 103rd Ave
Edmonton, AB T5S 1K7
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Attention: Bonnie Pollries
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Attention: Chris Buchanan
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Attention: Melanie Debnam
EMail: Mdebnam@firestoneventures.com

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 96**
Client Reference: **Core 96**
Description: **3 ACE**

Date Received: 11/30/2011
Date Completed: 01/03/2012
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	38	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29796	Core	0.005	0.38	>10	4.9	1056	3.97	0.22	0.10	0.04	68.59	7.8	104	6.99	58.3
29797	Core	<0.005	0.06	>10	7.1	1151	3.61	0.23	0.08	0.06	58.52	7.9	110	5.91	55.8
29798	Core	0.006	0.12	>10	37.7	1013	3.59	0.69	0.35	0.12	45.50	29.5	111	5.81	64.9
29799	Core	0.006	<0.01	>10	26.3	1061	3.82	0.57	0.13	0.08	47.72	22.4	108	5.56	57.3
29800	Core	0.007	0.08	>10	41.0	1106	3.95	0.55	0.22	0.09	41.83	33.3	114	6.11	62.1
29801	Core	<0.005	0.20	>10	14.0	1136	4.37	0.43	0.22	0.05	87.97	13.2	109	6.15	66.5
29802	Core	<0.005	0.13	>10	14.9	1089	3.31	0.49	0.13	0.07	56.43	18.1	109	6.07	55.0
29803	Core	<0.005	0.13	>10	8.0	1067	4.25	0.47	0.09	0.07	48.06	12.9	110	5.94	59.2
29804	Core	0.006	0.07	>10	16.6	1088	4.13	0.45	0.16	0.08	34.74	19.5	111	6.77	62.7
29805	Core	0.007	0.12	>10	21.4	1029	4.01	0.37	0.44	0.08	32.34	17.1	106	6.92	55.0
29806	Core	0.009	<0.01	>10	26.8	949	3.66	0.58	0.13	0.07	56.85	31.9	110	6.28	56.8
29807	Core	0.007	0.02	>10	16.9	999	4.09	0.39	0.22	0.03	90.70	17.5	105	6.82	53.8
29808	Core	0.006	<0.01	>10	15.2	984	3.61	0.53	0.22	0.04	98.15	20.4	117	7.07	64.6
29809	Core	<0.005	0.10	>10	17.3	884	3.38	0.57	0.29	0.04	86.08	21.9	158	5.89	59.0
29810	Core	<0.005	0.15	5.95	15.0	393	1.53	0.32	0.63	0.03	37.79	14.6	181	3.00	28.2
29811	Core	<0.005	<0.01	2.89	2.8	115	0.52	0.11	0.47	0.03	34.67	4.6	166	1.33	16.6
29812	Core	<0.005	0.02	3.39	3.7	153	0.54	0.08	0.30	<0.02	35.11	5.4	154	1.74	12.0
29813	Core	<0.005	0.67	2.54	3.1	97	0.27	0.07	1.18	0.02	25.75	4.6	134	1.23	10.1
29814	Core	0.006	0.30	5.14	5.8	283	1.28	0.15	1.46	0.03	45.00	9.9	132	2.72	22.7
29815	Core	<0.005	0.27	3.14	2.4	138	0.60	0.06	1.32	0.02	41.62	5.2	99	1.72	12.2
29816	Pulp	7.188	0.68	3.38	899.1	161	0.83	0.68	>10	4.61	33.95	7.1	97	7.47	39.5
29817	Core	<0.005	0.32	3.21	3.0	139	0.66	0.06	1.32	0.03	37.26	4.6	119	1.46	12.3
29818	Core	<0.005	0.25	2.83	1.5	109	0.43	0.06	0.57	<0.02	29.65	4.0	120	1.08	9.8
29819	Core	<0.005	0.37	3.81	2.8	180	0.68	0.08	1.13	0.03	42.63	5.6	137	1.82	14.1
29820	Core	<0.005	0.74	3.33	1.5	141	0.44	0.08	0.64	<0.02	35.79	4.9	154	1.56	12.6
29821	Core	<0.005	0.27	7.06	5.8	392	1.30	0.17	0.70	0.07	43.15	10.6	127	3.18	29.7
29822	Core	<0.005	0.46	6.28	14.4	375	1.37	0.20	0.41	0.19	33.04	15.4	168	3.53	31.8
29823	Core	0.021	0.59	3.64	4.3	172	0.69	0.13	1.41	0.03	28.88	5.0	136	2.00	15.4
29824	Core	<0.005	0.40	2.61	1.4	103	0.36	0.08	0.83	<0.02	29.84	3.0	106	1.09	9.1
29825	Core	0.005	0.44	2.52	3.1	105	0.43	0.10	0.40	<0.02	29.53	3.3	141	1.41	8.8
29826	Core	<0.005	0.40	1.95	4.3	75	0.30	0.07	0.24	0.03	26.58	2.9	86	1.19	9.1
29827	Core	<0.005	0.57	2.38	6.7	103	0.50	0.20	0.16	0.06	28.81	4.9	143	1.37	15.5
29828	Core	<0.005	0.50	3.03	4.2	142	0.60	0.13	0.48	0.05	31.67	4.9	122	1.79	15.1
29829	Core	0.020	0.50	2.54	1.5	112	0.37	0.13	0.88	0.03	25.37	4.2	119	1.20	12.3
29830	Core	0.009	0.53	4.06	4.0	222	0.64	0.14	1.00	0.08	33.41	7.2	167	2.04	17.5
29831	Core	<0.005	0.06	3.09	2.8	134	0.40	0.09	0.46	0.03	31.02	5.4	166	1.42	12.2
29832	Core	<0.005	0.18	2.97	2.6	130	0.45	0.15	0.57	0.15	32.98	4.9	156	1.29	14.6
29833	Core	<0.005	0.27	2.55	3.8	98	0.27	0.15	0.39	0.04	23.98	3.8	168	1.20	10.6
29834	Core	0.006	0.68	3.00	15.3	147	0.46	0.41	0.51	0.06	29.40	5.6	138	1.47	17.4

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29796	Core	4.87	27.97	1.58	5.6	0.09	3.85	39.0	94.0	1.37	497	0.43	0.37	3.8	44.0
29797	Core	4.94	27.49	1.39	2.6	0.08	4.17	31.6	89.3	1.42	480	0.28	0.38	2.0	43.9
29798	Core	5.53	26.90	1.69	2.8	0.08	3.65	25.3	95.7	1.42	614	0.77	0.35	2.5	58.7
29799	Core	4.96	27.30	1.33	2.4	0.08	3.83	27.5	81.9	1.31	468	0.41	0.37	2.4	50.3
29800	Core	5.55	29.19	1.49	2.6	0.09	4.11	24.0	91.4	1.47	538	0.51	0.37	2.4	60.2
29801	Core	5.11	29.52	1.67	2.4	0.10	4.13	50.0	97.1	1.47	453	0.28	0.38	2.5	51.8
29802	Core	5.53	28.10	1.42	2.5	0.09	3.95	31.6	93.4	1.55	491	0.31	0.36	2.4	50.3
29803	Core	5.37	27.59	1.38	2.5	0.09	3.90	27.7	93.7	1.46	439	0.46	0.37	2.7	49.4
29804	Core	5.99	28.06	1.39	2.2	0.09	4.07	19.8	103.4	1.58	492	0.60	0.39	2.6	55.2
29805	Core	5.64	26.64	1.32	2.3	0.09	3.88	18.9	93.0	1.43	878	0.57	0.38	2.1	46.6
29806	Core	5.75	27.29	1.24	2.6	0.09	3.83	33.7	84.6	1.32	415	0.49	0.37	2.8	54.4
29807	Core	5.17	27.93	1.45	2.6	0.08	3.99	52.0	93.3	1.48	459	0.37	0.37	2.7	50.6
29808	Core	4.95	29.56	1.24	3.0	0.08	4.13	58.3	89.0	1.40	447	0.33	0.36	3.0	52.8
29809	Core	5.55	26.61	1.32	2.8	0.08	3.60	48.2	85.3	1.56	725	0.77	0.30	2.2	53.6
29810	Core	2.92	12.97	0.88	1.6	0.04	1.51	19.5	52.1	0.80	873	0.96	0.12	0.9	26.5
29811	Core	1.39	5.93	0.93	1.2	0.02	0.44	16.4	18.0	0.40	461	0.37	0.62	0.6	11.1
29812	Core	1.59	7.65	0.75	1.1	0.02	0.64	16.5	24.7	0.38	203	0.35	0.56	0.5	13.6
29813	Core	1.18	5.51	0.77	0.8	0.01	0.39	12.3	24.2	0.31	357	0.24	0.54	0.4	10.0
29814	Core	2.40	11.71	0.68	1.4	0.03	1.14	21.6	39.5	0.67	495	0.41	0.16	0.9	21.7
29815	Core	1.31	7.00	0.46	1.4	0.02	0.55	18.8	28.0	0.34	419	0.31	0.12	0.8	10.8
29816	Pulp	1.33	6.36	0.22	2.2	0.07	1.26	21.4	8.5	0.79	276	11.70	<0.01	7.2	65.8
29817	Core	1.29	6.51	0.61	1.3	0.02	0.62	17.5	24.6	0.37	417	0.29	0.12	0.8	10.4
29818	Core	1.26	5.26	0.69	1.0	<0.01	0.47	14.0	14.5	0.31	215	0.30	0.78	0.6	9.2
29819	Core	1.58	7.98	0.57	1.5	0.02	0.76	20.1	22.1	0.39	280	0.33	0.72	0.9	13.5
29820	Core	1.47	6.64	0.61	1.2	0.02	0.64	17.0	26.1	0.35	169	0.29	0.80	0.7	11.2
29821	Core	3.09	14.18	0.85	1.4	0.04	1.72	22.9	40.3	0.80	253	0.42	0.85	0.8	28.8
29822	Core	2.63	12.76	0.87	1.8	0.05	1.71	16.8	53.7	0.61	237	0.39	0.16	1.0	24.8
29823	Core	1.21	8.17	0.59	1.2	0.02	0.80	14.4	18.6	0.35	308	0.39	0.88	0.6	11.7
29824	Core	0.84	4.76	0.48	1.1	<0.01	0.48	14.7	10.0	0.20	223	0.42	0.84	0.5	6.3
29825	Core	0.85	5.19	0.60	1.2	0.01	0.50	14.6	18.0	0.21	119	0.37	0.45	0.6	7.3
29826	Core	0.72	4.45	0.61	1.1	<0.01	0.37	13.0	11.2	0.16	94	0.29	0.53	0.6	6.7
29827	Core	0.96	5.13	0.69	1.1	0.01	0.53	14.5	16.4	0.16	219	0.45	0.07	0.6	9.1
29828	Core	1.25	6.28	0.71	1.3	0.02	0.70	15.3	18.9	0.30	167	0.32	0.31	0.7	10.1
29829	Core	1.09	5.00	0.60	1.0	0.01	0.52	12.4	14.8	0.29	185	0.35	0.31	0.6	8.5
29830	Core	1.73	8.95	0.79	3.3	0.02	0.97	16.3	23.6	0.43	237	0.34	0.51	0.9	16.2
29831	Core	1.45	6.23	0.74	1.3	0.02	0.60	15.2	17.3	0.32	206	0.36	0.59	0.7	11.6
29832	Core	1.19	6.30	0.62	1.2	0.02	0.64	16.0	14.6	0.27	207	0.33	0.68	0.7	9.5
29833	Core	0.98	4.87	0.67	1.0	0.01	0.49	11.7	14.2	0.20	155	0.43	0.72	0.7	8.3
29834	Core	1.21	6.35	0.78	1.4	0.01	0.78	15.0	14.7	0.29	264	0.34	0.49	0.8	10.2

3Ace Property, Northern Tiger Resources Inc.

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29796	Core	308	11.4	218.5	<0.002	0.036	0.28	19.2	<1.0	3.1	101.9	0.45	<0.05	21.0	0.098
29797	Core	264	13.3	206.8	<0.002	0.028	0.27	16.8	<1.0	2.7	109.6	0.31	<0.05	18.1	0.095
29798	Core	790	50.6	207.2	0.002	0.883	0.84	17.1	1.3	2.9	114.2	0.30	<0.05	16.6	0.096
29799	Core	208	25.1	204.6	<0.002	0.684	0.68	16.9	<1.0	2.8	112.1	0.26	<0.05	16.0	0.096
29800	Core	592	52.2	215.6	0.004	0.779	1.26	18.6	1.6	3.0	111.5	0.23	<0.05	15.0	0.099
29801	Core	746	16.6	231.6	0.003	0.093	0.24	19.8	1.7	2.9	115.5	0.23	<0.05	17.8	0.103
29802	Core	398	19.3	202.5	<0.002	0.166	0.28	17.4	<1.0	3.0	106.3	0.25	<0.05	15.9	0.104
29803	Core	289	29.4	208.7	0.002	0.493	0.28	17.1	<1.0	2.8	107.0	0.25	<0.05	15.5	0.110
29804	Core	593	23.8	221.0	0.002	1.051	0.73	19.2	1.7	3.0	113.4	0.21	<0.05	14.1	0.106
29805	Core	603	29.6	212.3	0.002	1.510	0.90	18.5	1.7	2.9	121.4	0.20	<0.05	14.1	0.097
29806	Core	383	24.7	216.4	<0.002	2.064	1.78	17.4	1.3	2.7	104.4	0.25	<0.05	17.7	0.113
29807	Core	502	18.7	212.4	0.005	0.332	0.66	18.1	1.9	2.9	105.8	0.25	<0.05	18.3	0.108
29808	Core	374	19.5	232.1	<0.002	0.311	0.79	21.0	<1.0	3.0	96.9	0.28	<0.05	23.1	0.119
29809	Core	232	24.6	173.7	0.003	0.123	0.88	15.8	<1.0	2.6	86.0	0.21	<0.05	19.8	0.094
29810	Core	236	23.7	85.0	<0.002	0.277	0.51	7.0	<1.0	1.5	50.6	0.07	<0.05	11.2	0.036
29811	Core	105	20.3	27.4	<0.002	0.023	0.17	2.8	<1.0	0.7	31.0	<0.05	<0.05	8.6	0.020
29812	Core	93	14.6	37.8	<0.002	0.012	0.13	3.7	1.1	0.7	35.6	<0.05	<0.05	8.3	0.019
29813	Core	81	19.1	24.6	<0.002	<0.01	0.15	2.6	<1.0	0.5	63.7	<0.05	<0.05	6.4	0.014
29814	Core	155	12.6	63.4	0.005	0.011	0.27	6.5	<1.0	1.2	82.3	0.07	<0.05	9.3	0.034
29815	Core	136	10.9	31.3	<0.002	<0.01	0.31	3.6	<1.0	0.7	60.6	0.06	<0.05	8.8	0.026
29816	Pulp	4195	6.9	118.0	0.048	1.283	18.48	6.0	7.9	1.9	119.1	0.39	0.06	6.5	0.196
29817	Core	135	11.0	28.4	0.003	<0.01	0.31	3.3	<1.0	0.6	60.3	0.06	<0.05	9.2	0.025
29818	Core	111	13.8	22.1	<0.002	<0.01	0.08	2.5	<1.0	0.5	34.8	<0.05	<0.05	6.7	0.022
29819	Core	114	12.7	39.0	<0.002	<0.01	0.12	4.2	<1.0	0.7	58.9	0.07	<0.05	9.6	0.032
29820	Core	109	14.4	31.2	<0.002	<0.01	0.13	3.3	<1.0	0.7	42.3	<0.05	<0.05	8.0	0.025
29821	Core	259	15.7	85.5	<0.002	0.067	0.23	8.2	<1.0	1.3	62.4	0.05	<0.05	11.3	0.035
29822	Core	280	12.6	83.7	0.004	0.253	0.81	7.5	1.2	1.5	57.9	0.07	<0.05	11.2	0.041
29823	Core	186	15.8	43.0	0.003	<0.01	0.18	3.4	<1.0	0.9	73.4	0.05	<0.05	8.5	0.020
29824	Core	115	11.7	23.4	<0.002	<0.01	0.09	1.6	1.2	0.6	44.7	<0.05	<0.05	7.4	0.017
29825	Core	93	10.6	25.8	0.002	0.030	0.15	1.6	<1.0	0.6	29.2	0.06	<0.05	7.5	0.017
29826	Core	105	9.2	21.7	<0.002	0.030	0.12	1.7	<1.0	0.6	23.5	<0.05	<0.05	7.0	0.015
29827	Core	153	12.7	29.2	<0.002	0.109	0.28	2.0	<1.0	1.5	14.2	0.06	<0.05	7.6	0.019
29828	Core	106	17.1	34.2	0.003	0.068	0.19	2.7	<1.0	1.2	32.8	<0.05	<0.05	8.1	0.023
29829	Core	126	10.1	25.0	<0.002	0.054	0.18	2.2	<1.0	0.8	52.7	<0.05	<0.05	5.7	0.018
29830	Core	189	14.0	53.4	0.002	0.023	0.18	4.9	<1.0	1.0	62.8	0.22	<0.05	10.8	0.025
29831	Core	123	10.4	31.9	<0.002	0.036	0.16	3.0	<1.0	0.7	33.9	0.10	<0.05	8.1	0.020
29832	Core	141	12.6	35.0	<0.002	0.081	0.21	2.4	<1.0	1.2	38.3	0.07	<0.05	7.7	0.021
29833	Core	124	11.2	24.4	0.003	0.064	0.18	1.7	<1.0	0.9	30.7	0.08	<0.05	6.6	0.017
29834	Core	125	20.5	40.4	0.003	0.241	0.31	3.1	<1.0	2.3	36.6	0.08	<0.05	8.4	0.023

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29796	Core	1.26	4.2	164	0.6	7.1	116	89.9
29797	Core	1.17	4.1	171	0.3	6.0	127	75.1
29798	Core	1.07	4.2	158	0.4	7.6	133	87.3
29799	Core	1.09	4.0	155	0.4	5.8	120	72.3
29800	Core	1.13	4.2	164	0.4	7.0	132	84.6
29801	Core	1.15	4.0	168	0.4	8.0	132	78.6
29802	Core	1.02	4.0	169	0.4	6.5	139	78.1
29803	Core	1.07	4.1	166	0.4	6.1	129	72.4
29804	Core	0.98	4.2	172	0.4	7.0	142	80.2
29805	Core	1.03	4.0	161	0.4	6.8	130	70.8
29806	Core	1.07	3.9	157	0.4	7.5	122	76.6
29807	Core	0.96	4.2	163	0.4	8.3	125	85.1
29808	Core	1.16	4.4	169	0.5	10.5	120	92.5
29809	Core	0.98	4.2	159	0.4	8.2	122	82.0
29810	Core	0.37	1.9	75	0.3	5.4	54	53.0
29811	Core	0.04	1.0	35	0.1	3.4	25	38.6
29812	Core	0.09	1.0	43	0.1	3.1	30	35.4
29813	Core	0.03	0.8	30	<0.1	2.9	23	27.0
29814	Core	0.21	1.7	69	0.3	5.2	54	50.7
29815	Core	0.08	1.2	38	0.2	4.6	25	41.4
29816	Pulp	13.77	8.3	423	34.8	26.0	258	72.3
29817	Core	0.10	1.2	39	0.3	4.0	25	37.1
29818	Core	0.03	0.8	34	<0.1	2.9	23	30.5
29819	Core	0.10	1.2	47	0.2	4.4	28	43.7
29820	Core	0.06	1.1	41	<0.1	3.3	27	36.0
29821	Core	0.32	1.8	84	0.1	4.2	74	45.1
29822	Core	0.37	2.0	76	0.3	5.2	78	55.5
29823	Core	0.10	1.5	36	0.1	4.0	25	35.7
29824	Core	0.02	1.1	23	0.1	3.1	14	33.3
29825	Core	0.03	1.3	24	0.1	2.9	14	35.4
29826	Core	<0.02	1.1	19	0.1	2.5	12	31.7
29827	Core	0.04	1.2	24	0.4	3.3	18	33.8
29828	Core	0.08	1.2	34	0.1	3.6	24	39.5
29829	Core	0.04	1.0	29	0.1	2.9	19	29.5
29830	Core	0.27	1.6	51	0.2	4.7	40	45.3
29831	Core	0.13	1.0	36	0.2	3.1	26	30.7
29832	Core	0.09	1.3	31	0.2	3.3	24	32.1
29833	Core	0.05	1.2	23	0.1	2.9	16	27.4
29834	Core	0.15	1.4	33	0.3	3.4	22	35.8

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29796	Core		0.38	>10	4.9	1056	3.97	0.22	0.10	0.04	68.59	7.8	104	6.99	58.3
29796 Dup			0.31	>10	4.1	1083	3.60	0.23	0.10	0.08	72.13	7.4	105	6.51	56.0
QCV1112-00219-0002-BLK			<0.01	<0.01	0.3	<5	<0.05	0.01	<0.01	<0.02	0.03	<0.1	<1	0.08	0.6
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.88		6.2	393	2.83	2.53		<0.02	95.26	16.5	80	7.56	2283.5
29814	Core		0.30	5.14	5.8	283	1.28	0.15	1.46	0.03	45.00	9.9	132	2.72	22.7
29814 Dup			0.33	5.07	4.4	276	1.20	0.13	1.42	<0.02	39.31	8.7	126	2.42	19.0
QCV1112-00219-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	0.04	<0.1	<1	0.10	0.9
STD-OREAS92-4A expected								2.44				16.3			2294.0
STD-OREAS92-4A result					6.7	444	2.58	2.48		0.08	94.37	18.0	91	7.48	2348.6
29832	Core		0.18	2.97	2.6	130	0.45	0.15	0.57	0.15	32.98	4.9	156	1.29	14.6
29832 Dup			0.60	2.89	3.1	129	0.39	0.17	0.58	0.16	29.86	4.6	162	1.25	14.4
QCV1112-00219-0008-BLK			<0.01	<0.01	0.3	<5	<0.05	0.01	<0.01	<0.02	0.03	<0.1	<1	0.10	2.0
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100				0.62			26.66	18.25	12.7	69	0.96	6103.7
29796	Core	0.005													
29796 Dup		<0.005													
29814	Core	0.006													
29814 Dup		<0.005													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.159													
QCV1112-00220-0004-BLK		0.005													
29832	Core	<0.005													
29832 Dup		<0.005													
QCV1112-00220-0006-BLK		0.007													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.912													

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29796	Core	4.87	27.97	1.58	5.6	0.09	3.85	39.0	94.0	1.37	497	0.43	0.37	3.8	44.0
29796 Dup		4.89	27.59	1.56	3.0	0.08	4.00	40.7	86.8	1.42	502	0.33	0.38	2.5	41.9
QCV1112-00219-0002-BLK		<0.01	0.07	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.01	18.58	1.50	3.5	0.39	2.36	47.7	28.1	1.49	630	0.32	0.45	14.3	40.0
29814	Core	2.40	11.71	0.68	1.4	0.03	1.14	21.6	39.5	0.67	495	0.41	0.16	0.9	21.7
29814 Dup		2.35	11.09	0.57	1.6	0.02	1.12	20.0	34.0	0.66	483	0.39	0.16	0.9	18.7
QCV1112-00219-0005-BLK		<0.01	0.06	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.50	19.08	1.53	4.0	0.37	2.78	47.7	26.8	1.69	715	0.42	0.51	14.4	41.2
29832	Core	1.19	6.30	0.62	1.2	0.02	0.64	16.0	14.6	0.27	207	0.33	0.68	0.7	9.5
29832 Dup		1.19	5.79	0.64	1.1	0.02	0.61	14.3	14.2	0.27	208	0.33	0.64	0.6	9.3
QCV1112-00219-0008-BLK		<0.01	0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.3
STD-CDN-ME-6 expected															
STD-CDN-ME-6 result		5.92		1.54	1.5	0.47	1.07	9.0	13.0	1.25	1945	22.02	1.55	3.2	28.1

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11-360-08866-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29796	Core	308	11.4	218.5	<0.002	0.036	0.28	19.2	<1.0	3.1	101.9	0.45	<0.05	21.0	0.098
29796 Dup		331	10.0	197.0	<0.002	0.030	0.24	18.1	<1.0	2.7	103.8	0.42	<0.05	18.2	0.090
QCV1112-00219-0002-BLK		<10	1.5	<0.1	<0.002	<0.01	<0.05	<0.1	1.7	<0.2	0.3	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		631	10.6	203.8	0.002	0.267	1.17	13.7	4.1	11.7	33.3	0.90	<0.05	17.3	
29814	Core	155	12.6	63.4	0.005	0.011	0.27	6.5	<1.0	1.2	82.3	0.07	<0.05	9.3	0.034
29814 Dup		152	11.8	60.4	0.004	<0.01	0.25	5.8	<1.0	1.0	79.0	0.07	<0.05	10.5	0.035
QCV1112-00219-0005-BLK		<10	1.4	<0.1	0.003	<0.01	<0.05	<0.1	1.6	<0.2	0.3	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16		3.8	10.6					
STD-OREAS92-4A result		729	11.3	206.2	0.006	0.275	1.12	14.3	3.9	10.8	34.7	0.93	<0.05	19.1	
29832	Core	141	12.6	35.0	<0.002	0.081	0.21	2.4	<1.0	1.2	38.3	0.07	<0.05	7.7	0.021
29832 Dup		124	11.8	31.9	<0.002	0.078	0.19	2.5	<1.0	1.2	35.2	0.07	<0.05	7.7	0.020
QCV1112-00219-0008-BLK		<10	1.1	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	0.3	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result		486	9874.4	29.5	0.010		365.76		1.5	2.0			0.12	2.6	0.236

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29796	Core	1.26	4.2	164	0.6	7.1	116	89.9
29796 Dup		1.10	4.0	163	0.4	7.1	119	85.0
QCV1112-00219-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.0	131	2.2	25.8	83	125.3
29814	Core	0.21	1.7	69	0.3	5.2	54	50.7
29814 Dup		0.19	1.9	67	2.2	4.9	54	48.2
QCV1112-00219-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result			3.3	150	2.4	27.8	93	119.4
29832	Core	0.09	1.3	31	0.2	3.3	24	32.1
29832 Dup		0.09	1.2	31	0.2	2.9	24	28.8
QCV1112-00219-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.57	1.4	128	0.5		4967	

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Phone: 604-272-7818

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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 97**
Client Reference: **Core 97**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 12/30/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	52	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

INSPECTORATE
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#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
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Certificate of Analysis

11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

3Ace Property, Northern Tiger Resources Inc.

Vol 10-129

Buchanan et al., 2011

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29835	Core	<0.005	<0.01	5.54	9.4	368	1.78	0.22	0.42	0.06	12.25	11.1	147	2.81	27.4
29836	Core	<0.005	<0.01	3.18	5.0	152	0.69	0.08	1.07	<0.02	55.59	4.5	139	1.51	14.0
29837	Core	0.083	<0.01	5.24	7.8	306	1.41	0.17	0.54	0.06	43.13	9.4	120	2.46	31.7
29838	Core	<0.005	<0.01	3.61	8.5	169	0.75	0.17	0.45	0.03	25.97	5.6	155	1.40	15.2
29839	Core	<0.005	0.11	>10	18.5	813	3.93	0.43	0.28	0.06	74.67	18.0	102	6.75	69.3
29840	Core	<0.005	0.05	>10	21.4	776	3.37	0.37	0.47	0.08	97.03	18.0	90	5.16	56.1
29841	Core	0.009	0.34	>10	13.5	770	3.33	0.48	0.33	0.05	95.32	18.9	93	5.02	65.1
29842	Core	<0.005	0.05	>10	11.7	827	3.55	0.39	0.22	0.06	109.82	16.0	104	5.42	61.1
29843	Core	0.025	0.08	>10	18.9	851	3.47	0.52	0.17	0.08	82.53	22.8	90	5.36	61.7
29844	Core	0.010	0.07	>10	21.4	896	3.79	0.56	0.16	0.06	115.42	21.6	106	5.89	65.4
29845	Core	<0.005	0.03	>10	8.5	855	3.68	0.39	0.17	0.05	136.29	17.3	88	5.20	55.7
29846	Core	<0.005	0.09	>10	9.3	805	3.18	0.48	0.19	0.06	143.81	17.0	83	4.97	58.5
29847	Core	<0.005	0.12	>10	10.0	823	3.87	0.38	0.24	0.04	136.83	17.9	86	6.74	61.6
29848	Core	<0.005	0.14	9.49	9.0	647	2.97	0.52	0.32	0.12	87.67	17.0	85	5.41	62.8
29849	Core	<0.005	0.17	>10	8.4	676	2.65	0.38	0.15	0.05	91.58	16.0	87	4.88	54.4
29850	Core	<0.005	0.11	>10	10.7	857	3.94	0.37	0.14	0.07	145.61	19.7	89	6.00	71.2
29851	Core	<0.005	0.12	>10	9.0	687	3.26	0.41	0.24	0.06	116.57	18.5	85	5.13	64.5
29852	Core	0.009	0.88	7.10	240.4	459	2.34	1.56	0.56	0.35	94.47	16.2	83	7.01	51.2
29853	Core	0.011	0.34	7.65	161.6	500	2.49	2.24	0.49	0.28	91.51	18.4	81	7.36	51.5
29854	Pulp	7.802	0.45	3.08	903.2	169	0.69	0.61	9.74	4.28	52.92	7.6	86	7.15	43.0
29855	Core	<0.005	0.16	8.17	30.1	471	2.65	0.32	0.67	0.03	74.88	18.0	64	6.26	60.0
29856	Core	<0.005	0.05	8.80	23.2	442	3.07	0.54	0.44	0.05	69.10	13.9	73	5.79	52.7
29857	Core	0.035	0.36	>10	1032.7	395	3.05	3.39	0.30	1.10	108.59	16.5	83	31.66	61.3
29858	Core	<0.005	0.05	2.02	18.3	75	0.42	0.09	0.14	0.13	7.73	2.6	137	2.33	12.5
29859	Core	<0.005	<0.01	2.67	16.2	91	0.65	0.13	0.16	0.03	34.91	6.0	132	2.15	14.9
29860	Core	<0.005	<0.01	2.30	10.3	97	0.48	0.05	0.35	0.03	35.48	3.5	123	1.59	13.1
29861	Core	<0.005	0.07	2.39	14.1	97	0.56	0.07	0.57	<0.02	15.12	3.8	177	1.44	13.2
29862	Core	0.083	0.36	3.57	13.5	229	1.03	0.12	0.29	0.04	20.50	6.3	150	3.15	26.6
29863	Core	0.005	0.38	3.41	8.4	181	0.74	0.11	0.43	0.03	40.59	4.6	160	2.50	15.0
29864	Core	0.005	0.06	3.49	11.7	173	0.91	0.11	0.33	<0.02	40.31	4.8	144	2.60	22.3
29865	Core	0.013	0.08	2.28	15.7	68	0.36	0.18	0.10	0.05	7.03	4.1	149	1.58	12.4
29866	Core	<0.005	0.17	2.70	11.4	108	0.67	0.14	0.08	0.06	19.70	4.5	140	1.75	16.3
29867	Core	<0.005	0.06	2.85	9.3	133	0.42	0.27	0.10	0.33	29.24	4.5	179	1.71	13.1
29868	Core	0.020	0.08	2.26	9.8	87	0.62	0.26	0.07	0.05	26.55	3.7	173	1.29	11.4
29869	Core	0.005	0.07	2.18	8.2	90	0.39	0.07	0.58	<0.02	7.32	2.8	191	1.29	9.3
29870	Core	0.006	0.07	2.25	13.7	99	0.42	0.23	0.44	0.05	21.54	3.9	196	1.86	12.1
29871	Core	0.007	0.21	>10	32.6	801	3.54	0.60	0.18	0.15	87.68	18.6	103	14.71	67.6
29872	Core	0.167	5.51	3.12	111.6	139	0.55	12.45	0.35	0.80	43.20	4.8	161	2.66	19.8
29873	Core	0.021	0.27	2.72	98.4	125	0.67	0.07	0.40	0.29	36.57	3.3	159	1.74	9.5
29874	Core	0.028	0.15	2.57	37.1	119	0.54	0.08	0.50	0.07	34.37	3.7	142	1.94	10.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29875	Core	<0.005	0.08	2.29	48.3	103	0.59	0.05	0.26	0.24	18.86	3.5	159	1.84	11.1
29876	Core	0.063	0.05	3.32	266.6	171	1.16	0.11	0.17	0.30	29.98	4.1	159	3.04	14.7
29877	Core	0.503	3.56	3.48	5798.7	146	0.93	25.26	0.48	5.85	29.71	7.5	150	3.39	19.2
29878	Core	0.051	1.59	>10	1173.2	720	3.28	6.21	0.50	2.34	24.96	33.6	137	11.09	62.6
29879	Core	<0.005	0.18	4.66	58.8	234	1.29	0.26	0.66	0.19	37.57	10.2	119	2.93	27.0
29880	Core	0.005	0.15	3.71	38.9	166	0.74	0.13	0.29	0.17	32.05	6.4	126	2.43	18.6
29881	Core	0.005	0.12	2.90	60.0	120	0.82	0.19	0.18	0.19	32.58	4.3	128	1.56	13.0
29882	Core	<0.005	0.11	2.70	67.3	110	0.68	0.15	0.24	0.18	33.07	4.3	152	1.75	15.8
29883	Core	<0.005	0.08	3.69	114.7	176	0.88	0.12	0.10	0.41	24.76	5.2	136	1.92	13.2
29884	Core	<0.005	0.09	2.80	116.9	111	0.59	0.13	0.10	0.23	39.18	2.7	143	1.08	10.0
29885	Core	0.007	0.10	3.30	25.1	130	0.77	0.11	0.26	0.18	33.68	5.1	119	1.44	15.0
29886	Core	0.034	2.65	3.16	1641.3	212	0.83	3.56	0.03	0.30	29.31	3.2	151	2.09	16.2
29887	Core	0.932	1.90	2.17	>10000	100	0.61	8.80	0.05	0.65	15.60	16.8	151	1.60	12.7

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11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29835	Core	2.14	12.73	0.80	1.4	0.04	1.70	12.9	29.6	0.52	327	0.50	0.46	1.1	20.5
29836	Core	1.54	7.14	0.71	1.1	0.02	0.78	17.1	29.3	0.34	402	0.41	0.57	0.8	11.2
29837	Core	2.76	13.16	0.91	1.7	0.04	1.36	22.6	45.8	0.67	396	0.29	0.74	1.3	24.5
29838	Core	1.94	7.71	0.79	1.1	0.02	0.84	14.7	32.4	0.45	435	0.47	0.66	1.0	13.4
29839	Core	4.52	28.58	1.36	3.0	0.08	3.41	41.0	91.6	1.17	567	0.58	0.42	2.8	45.7
29840	Core	4.78	24.91	1.37	2.9	0.07	3.32	40.9	77.9	1.19	736	0.88	0.42	2.8	46.1
29841	Core	5.05	26.28	1.40	3.2	0.08	2.86	40.6	75.7	1.26	837	0.70	0.65	2.8	46.1
29842	Core	5.20	27.02	1.27	2.8	0.08	3.22	36.4	79.0	1.30	662	0.67	0.66	2.4	45.4
29843	Core	5.10	25.95	1.22	3.1	0.08	3.44	43.0	79.5	1.23	505	0.92	0.64	3.0	45.5
29844	Core	5.23	29.54	1.70	3.1	0.09	3.57	51.2	87.9	1.27	562	1.01	0.65	3.0	49.8
29845	Core	4.92	28.77	1.57	2.8	0.08	3.50	61.9	89.7	1.23	580	0.42	0.68	3.3	47.5
29846	Core	4.94	26.60	1.40	3.2	0.08	3.24	57.0	84.7	1.24	636	0.35	0.65	3.1	45.5
29847	Core	4.79	27.80	1.47	2.7	0.08	3.31	56.5	90.7	1.22	753	0.36	0.65	2.9	46.3
29848	Core	4.64	23.27	1.37	3.0	0.08	2.65	39.1	85.5	1.20	999	0.33	0.46	2.8	45.5
29849	Core	4.88	24.32	1.33	2.6	0.07	2.86	44.3	85.1	1.23	688	0.34	0.57	2.6	41.6
29850	Core	5.01	31.11	1.76	2.8	0.09	3.39	58.7	99.9	1.25	602	0.41	0.71	3.3	48.3
29851	Core	5.25	25.41	1.48	2.9	0.08	2.95	37.6	94.8	1.30	788	0.38	0.66	3.4	48.0
29852	Core	3.58	18.10	2.65	2.0	0.07	2.30	31.1	99.4	1.50	1047	1.09	0.13	5.0	35.7
29853	Core	3.52	18.29	2.69	2.0	0.07	2.52	37.0	88.1	1.50	936	0.92	0.15	4.9	36.4
29854	Pulp	1.20	6.54	0.30	2.0	0.06	1.36	18.0	9.1	0.71	242	12.20	<0.01	7.5	67.1
29855	Core	4.34	18.38	2.69	2.1	0.08	2.49	26.7	81.5	1.97	1255	0.61	0.17	3.1	41.0
29856	Core	3.81	22.02	2.12	2.1	0.07	2.87	29.8	63.5	1.47	933	0.50	0.29	4.0	37.4
29857	Core	4.62	24.84	1.21	2.2	0.10	2.32	44.2	122.3	1.18	628	0.43	0.16	2.8	44.3
29858	Core	1.30	4.38	0.84	1.0	<0.01	0.40	10.3	44.9	0.28	287	0.33	0.04	0.9	10.3
29859	Core	1.99	5.95	0.87	0.9	0.02	0.47	13.9	101.3	0.42	223	0.35	0.05	0.9	12.7
29860	Core	1.08	5.34	0.75	0.9	0.01	0.49	13.2	59.6	0.30	204	0.33	0.05	1.0	8.0
29861	Core	1.11	5.29	0.66	0.9	0.01	0.49	12.1	41.5	0.36	365	0.51	0.06	0.8	8.2
29862	Core	1.14	9.44	0.74	2.6	0.02	1.02	17.1	29.9	0.35	204	0.42	0.11	1.4	10.7
29863	Core	1.13	7.75	0.75	1.1	0.01	0.89	16.3	35.9	0.38	262	0.40	0.09	1.0	10.7
29864	Core	1.48	8.44	0.92	1.1	0.02	0.91	16.4	31.7	0.44	209	0.38	0.10	0.9	12.2
29865	Core	1.17	4.41	0.90	0.8	<0.01	0.38	8.6	29.4	0.18	73	0.42	0.05	0.7	11.8
29866	Core	1.09	5.97	0.86	1.1	0.01	0.54	11.5	25.2	0.21	92	0.37	0.06	0.8	9.0
29867	Core	0.92	6.06	0.81	1.0	0.02	0.59	13.0	18.8	0.20	76	0.47	0.06	0.8	11.2
29868	Core	0.67	4.91	0.79	1.0	<0.01	0.44	11.1	14.8	0.15	71	0.55	0.04	0.7	7.0
29869	Core	0.96	4.35	0.81	0.8	<0.01	0.44	11.3	12.6	0.32	461	0.75	0.04	0.5	7.2
29870	Core	1.18	4.55	1.06	0.9	0.01	0.51	11.0	25.1	0.30	396	1.10	0.05	0.6	7.5
29871	Core	4.37	27.97	1.26	2.4	0.08	3.74	34.9	60.2	0.95	617	0.34	0.23	2.1	46.0
29872	Core	1.72	6.89	1.27	1.1	0.04	0.76	18.8	27.6	0.27	186	0.50	0.06	0.8	12.3
29873	Core	1.06	5.71	0.99	1.1	0.01	0.64	17.0	15.7	0.19	202	0.42	0.17	0.7	8.5
29874	Core	1.09	5.66	0.91	1.1	<0.01	0.60	16.9	18.1	0.26	216	0.33	0.45	0.9	8.2

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#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29875	Core	1.04	5.29	1.04	0.9	0.01	0.46	14.9	22.9	0.21	157	0.45	0.18	0.6	8.4
29876	Core	1.54	7.89	1.14	1.4	0.01	0.86	15.5	66.7	0.11	139	0.46	0.06	0.7	11.2
29877	Core	2.30	7.46	1.22	1.1	0.14	0.75	13.7	64.3	0.32	271	0.44	0.06	0.7	15.2
29878	Core	3.89	26.07	1.25	2.6	0.12	3.77	14.9	159.1	0.65	644	0.69	0.23	1.4	47.1
29879	Core	2.74	10.62	0.81	1.6	0.03	1.20	18.6	41.8	0.54	905	0.32	0.07	1.0	21.9
29880	Core	1.73	8.31	1.20	1.3	0.02	0.83	15.3	35.6	0.32	486	0.34	0.05	0.9	13.1
29881	Core	1.18	6.63	0.94	1.3	0.01	0.60	17.3	16.4	0.18	300	0.40	0.04	0.8	9.5
29882	Core	1.10	5.93	1.02	1.3	0.01	0.53	16.7	19.7	0.16	329	0.38	0.08	0.7	9.2
29883	Core	1.67	8.74	1.01	1.3	0.02	0.85	15.6	14.4	0.17	258	0.43	0.05	0.8	12.2
29884	Core	0.97	5.58	0.87	1.2	0.02	0.56	13.4	11.0	0.08	153	0.41	0.03	0.6	7.1
29885	Core	1.55	7.00	0.92	1.0	0.01	0.63	13.3	13.5	0.28	365	0.35	0.04	0.7	11.2
29886	Core	0.90	8.35	1.45	1.3	0.03	1.08	15.0	7.5	0.15	80	0.43	0.07	1.0	8.6
29887	Core	5.32	5.02	1.72	1.0	0.11	0.81	9.0	4.1	0.09	70	0.48	0.05	0.6	12.8

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Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29835	Core	31	8.7	78.4	0.007	0.024	0.93	7.3	<1.0	1.6	67.9	0.12	<0.05	9.7	0.037
29836	Core	986	9.3	37.1	0.005	0.019	0.24	3.3	1.1	0.7	76.6	0.07	<0.05	7.4	0.027
29837	Core	39	18.5	72.3	0.005	<0.01	0.39	7.9	1.0	1.3	76.5	0.11	<0.05	11.1	0.038
29838	Core	<10	9.4	40.7	0.003	<0.01	0.31	4.1	<1.0	1.1	54.0	0.09	<0.05	8.0	0.031
29839	Core	<10	27.5	181.9	0.006	<0.01	0.69	17.7	1.8	2.8	109.3	0.26	<0.05	18.6	0.085
29840	Core	443	23.1	174.4	0.004	0.047	0.39	15.6	1.5	2.4	113.9	0.24	<0.05	18.6	0.086
29841	Core	579	33.9	150.8	0.006	0.156	0.42	16.8	2.2	2.6	117.2	0.25	<0.05	18.6	0.085
29842	Core	525	26.2	175.4	0.006	0.128	0.43	17.1	1.9	2.6	127.8	0.23	<0.05	17.1	0.091
29843	Core	721	30.9	177.5	0.007	0.253	0.58	17.9	1.2	2.6	123.3	0.27	<0.05	18.4	0.095
29844	Core	535	35.0	195.5	0.006	0.216	0.41	19.9	2.2	2.7	134.8	0.27	<0.05	19.1	0.090
29845	Core	739	20.4	189.8	0.006	0.036	0.34	16.9	1.9	2.7	138.7	0.27	<0.05	20.0	0.096
29846	Core	546	23.7	169.8	0.007	0.071	0.31	16.0	1.7	2.5	135.4	0.28	<0.05	19.3	0.097
29847	Core	735	25.1	175.1	0.005	0.038	0.32	17.8	1.2	2.6	145.4	0.24	<0.05	17.6	0.092
29848	Core	379	54.4	144.2	0.007	0.075	0.32	14.9	1.9	2.0	131.2	0.22	<0.05	17.0	0.081
29849	Core	332	30.6	145.4	0.003	0.036	0.32	14.9	1.5	2.2	133.2	0.21	<0.05	15.6	0.080
29850	Core	550	22.6	187.2	0.007	0.049	0.40	19.3	2.4	2.9	163.3	0.25	<0.05	18.7	0.096
29851	Core	459	29.9	141.2	0.006	0.053	0.36	16.1	1.7	2.4	147.5	0.27	<0.05	15.7	0.099
29852	Core	563	41.1	119.1	0.007	0.304	1.17	12.6	1.5	2.9	67.7	0.31	<0.05	10.4	0.113
29853	Core	528	53.1	123.6	0.005	0.216	1.14	12.0	1.4	2.8	66.8	0.30	<0.05	10.8	0.116
29854	Pulp	3542	5.8	109.0	0.056	1.043	19.02	6.3	9.0	1.8	119.6	0.43	0.05	5.4	0.171
29855	Core	584	13.8	125.9	0.006	0.189	1.38	13.3	1.3	1.9	74.4	0.23	<0.05	10.7	0.080
29856	Core	66	20.0	124.6	0.007	0.017	1.50	12.5	1.1	2.3	89.8	0.26	<0.05	10.9	0.104
29857	Core	572	67.8	105.9	0.007	0.439	3.17	15.5	1.7	3.3	118.0	0.21	<0.05	15.1	0.075
29858	Core	50	13.4	19.7	0.006	0.012	0.51	1.9	1.8	0.6	32.7	0.07	<0.05	5.0	0.020
29859	Core	35	26.7	23.2	0.008	0.012	0.70	2.8	1.4	0.6	35.3	0.07	<0.05	6.6	0.022
29860	Core	79	8.6	24.3	0.006	0.014	0.29	2.5	1.4	0.5	41.5	0.06	<0.05	6.3	0.020
29861	Core	<10	10.1	24.2	0.008	<0.01	0.36	2.2	1.7	0.7	50.5	0.06	<0.05	6.0	0.017
29862	Core	<10	13.0	55.4	0.008	<0.01	0.69	4.3	1.4	1.6	51.7	0.29	<0.05	9.7	0.025
29863	Core	253	14.3	42.5	0.006	0.026	0.53	3.3	1.6	0.9	57.8	0.12	<0.05	7.4	0.024
29864	Core	210	11.1	44.8	0.004	0.029	1.02	3.9	<1.0	0.9	59.2	0.12	<0.05	7.4	0.020
29865	Core	15	12.6	17.9	0.005	0.057	3.22	2.0	2.4	0.7	39.8	0.07	<0.05	4.1	0.014
29866	Core	<10	12.8	25.9	0.005	<0.01	1.06	2.7	2.5	0.8	41.4	0.09	<0.05	5.9	0.018
29867	Core	125	12.7	26.7	0.006	0.057	0.74	2.7	2.6	0.9	46.7	0.10	<0.05	7.1	0.020
29868	Core	185	30.0	21.9	0.009	0.051	0.55	1.6	2.8	0.7	26.3	0.08	<0.05	5.4	0.014
29869	Core	72	7.1	23.1	0.005	<0.01	0.43	1.5	1.5	0.6	44.5	<0.05	<0.05	5.3	0.010
29870	Core	207	19.0	24.6	0.005	0.087	0.73	1.7	1.4	0.9	38.1	0.05	<0.05	5.5	0.012
29871	Core	466	24.4	186.2	0.007	0.086	1.79	18.2	1.6	3.0	88.3	0.27	<0.05	16.6	0.072
29872	Core	102	522.4	39.3	0.007	0.576	1.57	3.6	2.2	2.6	65.0	0.06	<0.05	8.4	0.024
29873	Core	160	10.1	31.4	0.005	0.017	1.32	2.6	1.3	0.6	37.3	0.06	<0.05	8.3	0.023
29874	Core	92	5.9	29.0	0.005	0.032	0.79	2.3	1.1	0.6	41.8	0.07	<0.05	8.2	0.026

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11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29875	Core	93	6.9	25.5	0.006	0.022	0.98	2.3	2.2	0.7	26.0	<0.05	<0.05	6.4	0.015
29876	Core	194	13.0	42.2	0.007	0.019	1.48	3.6	1.1	1.0	28.1	0.06	<0.05	9.0	0.023
29877	Core	92	330.0	37.9	0.005	1.081	7.92	3.7	1.7	2.8	56.5	0.05	<0.05	7.2	0.020
29878	Core	1697	146.4	190.3	0.006	0.727	3.36	17.9	1.4	4.2	88.5	0.14	<0.05	14.4	0.057
29879	Core	154	20.5	58.1	0.005	0.119	1.54	6.9	<1.0	1.3	43.4	0.07	<0.05	8.5	0.031
29880	Core	111	15.3	41.0	0.009	0.112	1.16	4.7	1.3	1.2	28.0	0.07	<0.05	7.1	0.028
29881	Core	107	15.3	30.0	0.007	0.060	0.72	3.2	1.0	0.9	18.9	0.07	<0.05	7.6	0.023
29882	Core	137	14.2	27.3	0.005	0.059	0.77	3.1	1.4	0.9	19.2	0.05	<0.05	7.8	0.021
29883	Core	109	14.5	40.3	0.003	0.092	0.81	4.1	1.1	1.0	17.0	0.06	<0.05	7.7	0.023
29884	Core	117	33.8	26.0	0.005	0.038	0.97	2.6	1.3	0.7	13.3	0.05	<0.05	7.7	0.020
29885	Core	217	10.3	31.7	0.005	0.142	0.86	3.9	1.4	1.2	18.9	<0.05	<0.05	5.7	0.021
29886	Core	78	158.8	53.7	0.005	0.344	1.63	3.4	2.2	4.6	21.6	0.07	<0.05	7.4	0.034
29887	Core	112	261.4	38.6	0.006	2.338	31.37	2.4	3.2	5.7	15.1	<0.05	0.09	5.5	0.019

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29835	Core	0.48	2.2	71	0.2	4.0	45	42.4
29836	Core	0.21	1.5	41	0.1	5.6	22	40.2
29837	Core	0.41	2.1	73	0.2	5.6	60	58.1
29838	Core	0.25	1.6	45	0.2	3.5	30	34.8
29839	Core	1.06	4.5	146	0.5	9.6	104	105.7
29840	Core	1.03	4.9	145	0.3	9.6	108	97.2
29841	Core	1.07	4.6	148	0.3	9.9	114	106.0
29842	Core	1.04	4.5	154	0.3	8.1	114	87.4
29843	Core	1.09	4.8	152	0.3	9.7	116	102.3
29844	Core	1.13	4.8	157	0.4	9.2	119	95.8
29845	Core	1.12	4.9	152	0.4	9.7	113	89.6
29846	Core	1.02	4.8	145	0.3	9.6	110	96.5
29847	Core	0.97	4.6	146	0.3	10.5	117	94.2
29848	Core	0.84	4.4	131	0.3	8.8	117	96.0
29849	Core	0.86	3.6	140	0.3	8.0	105	87.5
29850	Core	1.07	4.3	156	0.3	9.6	123	96.8
29851	Core	0.93	4.0	145	0.4	8.3	120	93.1
29852	Core	0.70	2.5	125	1.5	7.7	86	65.9
29853	Core	0.69	2.4	132	1.4	8.4	84	65.3
29854	Pulp	14.47	7.1	377	35.4	23.3	259	69.1
29855	Core	0.77	2.6	151	0.5	7.9	87	67.8
29856	Core	0.88	3.0	134	0.6	7.3	85	69.9
29857	Core	0.74	3.6	136	1.5	8.5	153	73.5
29858	Core	0.16	0.8	25	0.4	2.5	24	27.3
29859	Core	0.14	1.0	34	0.3	2.8	33	31.7
29860	Core	0.14	0.9	29	0.2	3.0	17	34.3
29861	Core	0.15	1.0	29	0.2	2.6	15	28.9
29862	Core	0.34	1.5	43	0.6	3.6	26	47.0
29863	Core	0.24	1.2	40	0.3	3.3	16	36.7
29864	Core	0.27	1.1	43	0.3	3.2	22	33.8
29865	Core	0.36	0.8	23	0.3	2.0	21	22.9
29866	Core	0.17	1.2	30	0.3	2.9	25	32.0
29867	Core	0.18	1.3	29	0.4	2.7	45	31.3
29868	Core	0.14	1.2	21	0.3	2.4	17	28.9
29869	Core	0.14	0.8	25	0.2	2.3	10	24.1
29870	Core	0.14	1.0	26	0.3	2.7	19	28.6
29871	Core	1.08	4.0	146	0.7	6.9	131	82.9
29872	Core	0.26	1.1	38	1.1	3.6	75	38.4
29873	Core	0.19	1.0	31	0.8	3.6	38	34.5
29874	Core	0.18	1.1	31	0.6	3.4	21	35.4

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11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29875	Core	0.15	0.8	26	0.4	2.6	27	29.6
29876	Core	0.26	1.4	37	0.9	4.4	56	42.6
29877	Core	0.25	1.1	38	1.8	3.2	273	36.4
29878	Core	1.15	3.6	126	2.0	11.1	242	83.8
29879	Core	0.37	1.6	65	0.6	4.7	79	43.4
29880	Core	0.25	1.2	45	0.7	3.7	41	40.9
29881	Core	0.18	1.1	33	0.7	3.7	32	38.6
29882	Core	0.17	1.1	31	0.4	3.5	35	38.1
29883	Core	0.25	1.2	43	0.3	3.8	48	43.0
29884	Core	0.17	1.0	29	0.4	3.4	42	37.3
29885	Core	0.19	0.9	40	0.4	3.2	32	31.4
29886	Core	0.34	1.1	37	1.3	3.8	26	40.4
29887	Core	0.27	0.9	24	1.2	2.7	53	28.6

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11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29835	Core		<0.01	5.54	9.4	368	1.78	0.22	0.42	0.06	12.25	11.1	147	2.81	27.4
29835 Dup			0.02	5.64	11.3	354	1.74	0.25	0.43	0.05	11.89	11.4	153	2.92	27.6
QCV1112-00238-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.76	7.53	7.8	441	3.11	2.52	0.43	0.05	89.99	16.1		7.41	2293.2
29853	Core		0.34	7.65	161.6	500	2.49	2.24	0.49	0.28	91.51	18.4	81	7.36	51.5
29853 Dup			0.32	7.71	122.9	503	2.37	2.20	0.48	0.30	86.34	18.5	81	7.47	55.7
QCV1112-00238-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.78	7.72	7.1	445	3.15	2.68	0.46	0.02		16.1		7.40	2367.5
29871	Core		0.21	>10	32.6	801	3.54	0.60	0.18	0.15	87.68	18.6	103	14.71	67.6
29871 Dup			0.16	>10	31.9	778	4.39	0.55	0.16	0.15	85.28	18.3	106	14.00	64.6
QCV1112-00238-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101												6130.0
STD-CDN-ME-6 result			>100								20.66				6065.2
QCV1112-00238-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.49	4.15	6979.9	223					56.28	10.4			32.3
29835	Core	<0.005													
29835 Dup		<0.005													
QCV1112-00239-0004-BLK		<0.005													
29871	Core	0.007													
29871 Dup		0.008													
QCV1112-00239-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.950													

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11-360-08867-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29835	Core	2.14	12.73	0.80	1.4	0.04	1.70	12.9	29.6	0.52	327	0.50	0.46	1.1	20.5
29835 Dup		2.17	13.90	0.90	1.5	0.04	1.72	9.7	33.7	0.53	329	0.51	0.46	1.1	22.3
QCV1112-00238-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.15	20.56		3.6	0.37	2.86	43.9	26.5	1.51		0.38	0.50	15.7	38.6
29853	Core	3.52	18.29	2.69	2.0	0.07	2.52	37.0	88.1	1.50	936	0.92	0.15	4.9	36.4
29853 Dup		3.54	19.24	2.72	2.0	0.08	2.53	36.5	89.9	1.51	941	0.98	0.15	4.7	38.3
QCV1112-00238-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.28	19.37		4.1	0.35	2.93	45.0	24.2	1.54		0.39	0.50	16.0	37.5
29871	Core	4.37	27.97	1.26	2.4	0.08	3.74	34.9	60.2	0.95	617	0.34	0.23	2.1	46.0
29871 Dup		4.49	26.54	1.15	2.3	0.08	3.84	34.2	61.8	0.97	628	0.33	0.24	1.6	45.1
QCV1112-00238-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1112-00238-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.77	435				47.3

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29835	Core	31	8.7	78.4	0.007	0.024	0.93	7.3	<1.0	1.6	67.9	0.12	<0.05	9.7	0.037
29835 Dup		38	9.3	84.1	0.008	0.068	1.08	7.7	<1.0	1.6	72.1	0.12	<0.05	10.4	0.038
QCV1112-00238-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8				1.16		3.8	10.6					
STD-OREAS92-4A result			11.3	203.5	0.006		1.21	13.9	4.2	11.1	37.7	1.01	<0.05	16.5	0.294
29853	Core	528	53.1	123.6	0.005	0.216	1.14	12.0	1.4	2.8	66.8	0.30	<0.05	10.8	0.116
29853 Dup		438	56.2	130.6	0.009	0.175	1.20	13.4	1.3	2.9	68.6	0.31	<0.05	11.4	0.110
QCV1112-00238-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8				1.16		3.8	10.6					
STD-OREAS92-4A result			11.0	202.1	0.010		1.12	13.4	4.4	11.2	37.9	1.08	<0.05	17.8	0.301
29871	Core	466	24.4	186.2	0.007	0.086	1.79	18.2	1.6	3.0	88.3	0.27	<0.05	16.6	0.072
29871 Dup		467	23.0	181.5	0.007	0.088	1.71	18.4	1.5	2.8	90.7	0.20	<0.05	15.7	0.064
QCV1112-00238-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200												
STD-CDN-ME-6 result			>10000												
QCV1112-00238-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected			13.8												
STD-DS-1 result			12.7												

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29835	Core	0.48	2.2	71	0.2	4.0	45	42.4
29835 Dup		0.53	2.2	71	0.2	4.2	47	45.4
QCV1112-00238-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.05	3.2		2.6	25.3	91	119.0
29853	Core	0.69	2.4	132	1.4	8.4	84	65.3
29853 Dup		0.78	2.4	132	2.0	7.6	90	66.5
QCV1112-00238-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		1.10	3.4		2.7	25.4	88	120.6
29871	Core	1.08	4.0	146	0.7	6.9	131	82.9
29871 Dup		1.01	3.7	150	0.6	6.7	130	77.1
QCV1112-00238-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result		0.58					5104	
QCV1112-00238-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.41					205	

3Ace Property, Northern Tiger Resources Inc.
Vol 10-140
Buchanan et al., 2011

3Ace Property, Northern Tiger Resources Inc.
Vol 10-141
Buchanan et al., 2011

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 98**
Client Reference: **Core 98**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 12/16/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	53	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Pulp	SP-PU/Pulp Handling, submitted pulps

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29942	Core	0.011	0.29	>10	21.3	946	3.90	0.52	0.06	0.09	68.17	16.7	94	5.63	53.3
29943	Core	0.018	0.65	>10	15.8	871	3.14	0.46	0.13	0.07	34.17	17.3	93	5.69	55.8
29944	Core	0.006	0.19	>10	21.0	858	3.56	0.51	0.14	0.05	53.37	20.0	96	5.60	49.1
29945	Core	0.006	0.13	>10	17.0	943	3.51	0.50	0.15	0.05	105.39	18.3	94	6.46	65.6
29946	Core	0.018	0.38	2.63	25.5	122	0.48	1.09	0.65	0.44	23.28	7.9	137	0.88	30.7
29947	Core	0.011	0.94	2.15	18.3	120	0.40	0.18	0.60	0.06	26.34	3.5	152	1.01	13.0
29948	Core	<0.005	<0.01	2.22	5.0	86	0.40	0.08	0.15	0.02	26.81	2.8	160	0.79	10.4
29949	Core	<0.005	<0.01	3.50	4.6	157	0.69	0.09	0.08	0.09	29.08	7.5	120	1.58	13.2
29950	Core	0.019	1.53	3.06	61.3	95	0.70	2.30	0.08	0.98	26.20	5.6	135	1.25	19.9
29951	Core	0.014	0.48	2.71	188.0	105	0.46	0.77	0.12	3.38	21.65	5.2	111	0.97	15.8
29952	Core	0.015	0.14	7.66	112.1	430	2.04	0.30	0.27	1.71	39.43	16.4	140	3.46	38.0
29953	Core	<0.005	0.55	3.35	4.5	147	0.82	0.10	0.98	0.02	40.68	6.3	116	1.17	14.7
29954	Core	<0.005	0.04	3.02	7.5	120	0.56	0.20	0.25	0.24	28.96	5.1	119	1.18	13.9
29955	Core	<0.005	0.22	2.49	7.3	96	0.48	0.08	0.15	0.04	31.52	4.1	93	0.85	13.4
29956	Core	0.050	6.01	3.11	686.5	133	1.06	5.47	0.09	31.94	34.16	7.9	122	1.42	98.3
29957	Core	<0.005	0.70	2.37	10.4	89	0.45	0.75	0.07	2.58	25.97	4.0	129	0.85	32.2
29958	Core	<0.005	0.50	2.45	4.3	98	0.45	0.54	0.11	1.05	26.69	3.9	140	0.89	12.7
29959	Core	<0.005	0.88	2.68	6.8	122	0.45	0.20	0.10	0.12	30.69	4.5	111	1.04	10.1
29960	Core	<0.005	0.72	3.12	4.8	112	0.31	0.37	0.41	0.03	31.44	5.2	128	1.24	11.7
29961	Core	<0.005	2.07	3.45	6.3	132	0.48	2.86	0.15	0.18	27.37	6.8	113	1.69	20.0
29962	Core	<0.005	0.13	3.13	6.6	108	0.55	0.03	0.11	<0.02	28.02	4.3	137	1.00	7.4
29963	Pulp	7.440	0.47	3.20	903.2	156	1.03	0.64	>10	4.00	30.71	6.3	89	6.66	36.9
29964	Core	<0.005	0.18	2.92	13.1	101	0.57	0.25	0.19	0.60	23.79	8.4	139	0.95	26.2
29965	Core	0.145	4.25	3.55	5133.5	151	0.95	10.41	0.11	20.32	28.19	15.3	122	1.69	59.5
29966	Core	<0.005	0.36	>10	50.7	778	2.90	0.23	0.22	0.13	34.15	21.0	124	5.50	85.1
29967	Core	<0.005	<0.01	3.23	11.5	132	0.74	0.07	0.29	0.04	35.73	6.7	120	1.17	14.8
29968	Core	<0.005	<0.01	2.68	5.8	107	0.51	0.03	0.15	<0.02	24.61	4.8	116	0.99	12.6
29969	Core	<0.005	<0.01	3.89	8.4	187	0.62	0.06	0.11	0.02	36.93	6.5	131	1.66	16.7
29970	Core	<0.005	0.03	2.87	5.2	118	0.51	0.06	0.18	<0.02	31.74	4.5	116	1.17	10.1
29971	Core	<0.005	0.25	3.47	5.4	133	0.57	0.06	0.12	<0.02	28.36	6.1	134	1.18	11.3
29972	Core	0.011	<0.01	3.17	8.2	157	0.62	0.06	0.09	<0.02	29.47	5.3	137	1.70	12.6
29973	Core	<0.005	<0.01	2.08	5.0	85	0.51	0.05	0.36	<0.02	25.20	4.2	130	0.79	11.3
29974	Core	<0.005	0.10	4.62	10.6	260	1.23	0.13	0.19	0.05	23.88	8.5	147	2.19	31.3
29975	Core	<0.005	<0.01	2.71	6.4	110	0.66	0.05	0.07	<0.02	25.94	3.9	151	0.91	10.7
29976	Core	<0.005	<0.01	2.66	7.1	143	0.60	0.05	0.06	0.04	20.34	2.6	130	1.15	9.5
29977	Core	<0.005	<0.01	2.29	4.4	91	0.33	0.10	0.07	<0.02	20.11	3.3	166	0.94	9.9
29978	Core	<0.005	<0.01	2.51	4.5	95	0.44	0.13	0.07	<0.02	20.75	4.0	139	0.97	11.0
29979	Core	<0.005	<0.01	2.65	3.3	145	0.41	0.08	0.11	<0.02	21.50	3.6	146	1.06	13.6
29980	Core	<0.005	1.78	2.82	5.1	145	0.59	0.10	0.18	<0.02	23.98	5.1	139	1.45	19.3
29981	Core	<0.005	<0.01	2.68	4.4	112	0.52	0.11	1.02	<0.02	23.39	4.9	165	1.32	13.5

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29982	Core	<0.005	<0.01	6.21	12.8	366	1.77	0.21	0.30	0.05	19.02	12.1	135	3.39	29.7
29983	Core	<0.005	<0.01	2.64	3.5	105	0.58	0.06	0.08	<0.02	24.69	4.4	154	1.01	12.0
29984	Core	<0.005	<0.01	2.50	12.2	96	0.51	0.11	0.07	0.02	22.36	4.2	161	1.04	12.9
29985	Core	<0.005	<0.01	2.66	6.2	112	0.57	0.12	0.14	0.05	26.89	6.1	139	1.04	17.4
29986	Core	<0.005	0.13	7.11	14.5	433	2.05	0.30	0.21	0.07	40.72	12.8	133	3.66	47.5
29987	Core	<0.005	<0.01	>10	15.9	760	3.91	0.37	0.18	0.05	74.34	18.2	114	7.61	52.9
29988	Core	0.009	0.02	>10	22.9	741	3.45	0.49	0.29	0.06	71.27	26.2	99	5.89	63.0
29989	Core	<0.005	0.30	9.52	12.0	516	2.76	0.34	0.37	0.05	75.31	18.9	86	4.31	44.7
29990	Core	<0.005	0.01	>10	12.3	701	3.54	0.43	0.24	0.04	136.92	20.3	90	5.79	51.6
29991	Core	<0.005	<0.01	>10	9.0	757	3.09	0.47	0.16	0.06	130.62	19.8	90	5.63	60.6
29992	Core	0.007	<0.01	>10	10.6	813	3.64	0.43	0.14	0.09	121.17	21.4	93	6.67	69.4
29993	Core	<0.005	0.39	>10	10.0	730	3.57	0.41	0.22	0.08	113.09	21.1	94	6.18	60.8
29994	Core	<0.005	<0.01	>10	7.9	803	3.16	0.45	0.26	0.07	145.85	20.8	92	6.31	63.1
29995	Core	<0.005	0.07	>10	9.8	734	3.30	0.50	0.21	0.07	138.76	20.6	95	6.05	67.8

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29942	Core	4.90	28.24	1.64	2.5	0.08	3.63	37.7	83.1	1.44	384	0.38	0.42	3.7	47.0
29943	Core	4.96	28.14	1.48	2.5	0.08	3.54	19.0	80.6	1.36	377	0.54	0.44	3.4	46.4
29944	Core	4.96	28.85	1.46	2.4	0.08	3.45	29.4	79.8	1.47	414	0.45	0.43	2.9	49.1
29945	Core	4.77	30.65	1.50	2.6	0.09	3.58	43.1	69.0	1.33	441	0.31	0.35	3.0	53.1
29946	Core	2.31	5.94	0.76	0.7	0.02	0.65	11.6	20.3	0.67	971	1.06	0.04	0.7	13.1
29947	Core	0.94	4.87	0.66	0.7	0.01	0.65	12.5	10.1	0.31	832	0.99	0.04	0.6	6.3
29948	Core	0.73	4.23	0.57	0.9	0.01	0.46	12.2	12.4	0.12	424	0.64	0.03	0.5	7.3
29949	Core	1.29	8.26	0.83	1.4	0.02	0.83	13.3	18.4	0.27	345	0.37	0.08	0.7	12.9
29950	Core	1.83	6.44	0.44	1.0	0.04	0.84	11.4	15.1	0.30	251	0.47	0.07	0.6	13.2
29951	Core	2.23	5.63	0.82	0.8	0.08	0.61	9.8	16.4	0.25	267	0.70	0.04	0.7	11.1
29952	Core	3.89	19.95	0.95	2.4	0.08	2.25	19.5	34.9	0.72	375	0.79	0.16	2.0	38.3
29953	Core	1.42	8.21	0.60	1.3	0.02	0.71	17.3	24.1	0.38	429	0.35	0.05	0.8	11.9
29954	Core	1.31	6.16	0.68	1.1	0.02	0.64	12.8	22.0	0.26	336	0.29	0.04	0.8	10.3
29955	Core	1.10	5.45	0.63	1.0	0.01	0.54	14.2	17.0	0.17	327	0.33	0.03	0.7	8.9
29956	Core	3.05	7.52	0.99	1.2	0.68	0.97	16.0	25.8	0.24	572	0.44	0.07	0.9	17.3
29957	Core	1.54	5.19	0.93	1.0	0.06	0.50	12.3	12.6	0.17	395	0.54	0.03	0.6	12.0
29958	Core	1.00	5.43	0.26	1.1	0.03	0.50	12.8	11.7	0.14	461	0.44	0.03	0.7	10.7
29959	Core	1.15	6.36	0.72	1.1	0.01	0.56	14.2	15.7	0.19	262	0.38	0.04	0.7	10.4
29960	Core	1.51	6.60	0.72	1.3	0.01	0.55	14.4	18.8	0.38	330	0.39	0.11	0.8	12.2
29961	Core	1.88	7.59	0.85	1.2	0.02	0.69	12.3	16.4	0.36	219	0.33	0.53	0.9	14.4
29962	Core	1.48	6.41	<0.05	1.0	0.01	0.61	12.5	15.8	0.29	276	0.30	0.04	0.8	11.0
29963	Pulp	1.26	6.40	0.19	2.1	0.06	1.42	18.0	8.3	0.79	238	12.01	<0.01	7.3	68.9
29964	Core	1.65	6.08	0.95	0.9	0.03	0.55	10.9	13.2	0.27	316	0.38	0.03	0.7	17.0
29965	Core	3.72	7.47	1.12	1.0	0.40	1.20	13.4	22.5	0.32	515	0.47	0.07	0.8	18.5
29966	Core	4.22	30.10	1.30	3.2	0.08	4.09	17.0	39.8	0.54	568	0.58	0.22	3.1	61.3
29967	Core	1.82	6.62	0.71	1.3	0.02	0.67	17.0	27.0	0.37	393	0.36	0.04	0.9	13.1
29968	Core	1.14	5.57	0.63	0.9	0.01	0.52	11.0	19.8	0.23	301	0.32	0.04	0.7	9.6
29969	Core	1.56	8.82	0.78	1.2	0.02	0.87	16.2	31.2	0.31	241	0.30	0.06	1.1	14.6
29970	Core	1.17	5.86	0.82	2.3	0.01	0.57	14.6	22.0	0.24	259	0.32	0.04	1.0	9.7
29971	Core	1.71	6.76	0.75	1.3	0.02	0.70	12.8	23.8	0.37	218	0.28	0.05	1.0	12.4
29972	Core	1.37	6.87	0.68	1.4	0.02	0.74	13.8	24.3	0.28	155	0.47	0.06	1.2	13.9
29973	Core	1.23	4.35	0.62	0.9	0.01	0.41	12.2	15.9	0.29	322	0.36	0.03	0.8	9.7
29974	Core	2.37	11.11	0.88	1.5	0.03	1.22	12.0	29.1	0.41	282	0.86	0.09	1.3	25.2
29975	Core	1.22	4.99	0.63	1.0	0.01	0.53	11.8	16.8	0.25	159	0.35	0.04	0.8	9.5
29976	Core	0.76	5.56	0.74	0.7	0.02	0.83	9.4	12.5	0.16	101	0.36	0.04	0.6	8.9
29977	Core	0.86	4.62	0.63	0.8	<0.01	0.47	9.5	12.3	0.14	161	0.37	0.03	0.6	7.5
29978	Core	0.85	4.89	0.83	0.9	<0.01	0.47	9.7	14.5	0.14	185	0.38	0.04	0.7	7.2
29979	Core	0.84	5.48	0.65	0.9	0.01	0.55	10.0	14.3	0.14	169	0.32	0.05	0.6	10.9
29980	Core	1.21	6.23	0.83	0.9	0.01	0.65	11.3	17.0	0.25	174	0.36	0.20	0.6	10.4
29981	Core	1.11	5.58	0.61	0.9	0.01	0.56	10.5	13.8	0.28	340	0.40	0.61	0.6	10.1

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29982	Core	2.58	14.81	0.95	1.7	0.03	1.82	9.1	29.3	0.61	290	0.43	0.26	1.2	25.5
29983	Core	1.12	5.58	0.70	0.9	0.01	0.59	11.5	9.9	0.15	271	0.38	0.04	0.8	9.8
29984	Core	1.08	4.93	0.74	1.0	0.01	0.51	10.9	8.8	0.19	235	0.43	0.19	0.6	8.5
29985	Core	1.50	5.96	0.73	0.9	0.01	0.51	12.6	14.4	0.22	621	0.40	0.04	0.6	12.8
29986	Core	3.37	16.87	1.04	1.6	0.05	2.08	20.3	44.7	0.83	423	0.75	0.32	1.0	31.2
29987	Core	4.70	26.38	1.20	3.1	0.07	3.49	39.9	79.2	1.29	457	0.73	0.37	2.4	51.9
29988	Core	4.90	28.59	1.59	2.6	0.09	3.44	36.5	81.2	1.34	704	0.58	0.74	2.9	47.9
29989	Core	5.22	22.04	1.41	3.2	0.06	2.63	39.0	82.1	1.45	908	0.29	0.48	2.4	45.3
29990	Core	5.05	25.59	1.61	3.0	0.07	3.26	46.8	84.1	1.40	726	0.43	0.36	2.8	50.4
29991	Core	5.01	27.27	1.56	2.7	0.08	3.47	50.1	84.5	1.38	625	0.39	0.37	2.6	51.8
29992	Core	4.96	30.34	1.62	2.8	0.09	3.43	49.7	94.8	1.34	551	0.40	0.39	2.5	56.0
29993	Core	5.36	29.27	1.57	2.4	0.08	3.33	46.5	94.6	1.48	642	0.45	0.42	2.6	52.0
29994	Core	5.08	28.99	1.52	2.8	0.08	3.35	62.8	83.8	1.39	586	0.37	0.43	3.3	51.6
29995	Core	5.00	28.57	1.55	2.8	0.08	3.44	55.3	86.5	1.38	555	0.39	0.43	2.8	51.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29942	Core	307	29.3	182.8	0.006	0.234	0.52	18.5	3.3	2.9	117.2	0.34	<0.05	15.6	0.105
29943	Core	584	18.2	173.4	0.005	0.982	0.98	19.5	2.6	2.9	118.1	0.32	<0.05	14.7	0.105
29944	Core	642	26.4	170.6	0.008	0.515	0.93	18.8	2.5	2.9	117.0	0.27	<0.05	15.6	0.100
29945	Core	419	15.2	202.7	0.007	0.164	0.75	22.7	3.3	3.2	106.8	0.29	<0.05	18.9	0.099
29946	Core	105	95.4	33.2	0.007	0.563	0.56	2.6	1.7	1.5	43.7	0.06	<0.05	6.4	0.018
29947	Core	148	45.4	34.8	0.009	0.209	0.41	1.9	2.7	2.5	27.3	0.05	<0.05	6.7	0.016
29948	Core	158	12.5	22.7	0.006	0.071	0.35	1.6	1.7	0.7	13.0	0.06	<0.05	6.6	0.015
29949	Core	145	9.5	41.6	0.008	0.057	0.42	4.0	2.4	1.0	19.6	0.07	<0.05	9.4	0.023
29950	Core	108	204.2	37.7	0.009	0.856	0.70	3.3	1.9	3.5	14.1	0.06	<0.05	7.1	0.021
29951	Core	122	299.5	30.4	0.004	1.079	4.13	2.7	2.5	1.5	15.2	0.06	<0.05	5.2	0.020
29952	Core	230	41.4	108.3	0.008	0.317	2.26	12.1	1.2	2.0	59.1	0.17	<0.05	14.2	0.055
29953	Core	2030	15.3	37.3	0.005	0.027	0.37	4.2	1.9	1.0	49.6	0.07	<0.05	8.2	0.021
29954	Core	104	31.5	29.8	0.005	0.100	0.54	3.1	1.8	1.3	19.4	0.07	<0.05	8.2	0.024
29955	Core	93	14.4	26.6	0.004	0.123	0.41	2.7	1.2	1.7	12.5	0.06	<0.05	7.4	0.020
29956	Core	135	4432.5	47.5	0.006	2.041	5.65	4.4	2.2	6.4	32.3	0.07	<0.05	7.9	0.026
29957	Core	137	309.8	26.5	0.007	0.549	1.44	2.5	1.2	2.0	10.7	0.07	<0.05	7.6	0.019
29958	Core	138	241.3	26.0	0.003	0.112	0.55	2.3	1.4	1.0	12.3	0.08	<0.05	8.7	0.021
29959	Core	166	97.4	30.5	0.006	0.052	0.31	2.9	<1.0	0.7	15.0	0.06	<0.05	7.5	0.021
29960	Core	98	141.3	27.6	0.007	0.041	0.43	3.4	1.5	1.1	24.2	0.07	<0.05	7.5	0.022
29961	Core	91	1051.1	37.1	0.007	0.425	0.88	3.9	1.4	1.0	24.1	0.08	<0.05	7.3	0.025
29962	Core	94	10.1	29.6	0.003	0.100	0.38	3.5	<1.0	1.1	15.9	0.06	<0.05	6.7	0.022
29963	Pulp	4107	6.9	108.8	0.042	1.393	17.85	5.8	8.9	1.8	128.3	0.48	0.06	6.1	0.184
29964	Core	87	90.1	27.4	0.005	0.357	0.50	3.1	1.1	1.1	15.8	0.06	<0.05	6.9	0.019
29965	Core	227	1197.8	50.7	0.007	2.172	6.02	3.9	1.0	4.6	24.9	0.08	<0.05	7.7	0.027
29966	Core	458	35.4	198.9	0.004	1.088	1.60	19.6	1.1	7.8	68.3	0.23	<0.05	18.2	0.096
29967	Core	158	13.1	31.7	0.007	0.078	0.46	3.7	<1.0	1.3	22.9	0.08	<0.05	8.3	0.026
29968	Core	161	8.6	27.3	0.005	0.056	0.34	3.0	3.1	1.0	17.0	0.07	<0.05	7.0	0.019
29969	Core	96	11.7	46.7	0.007	0.064	0.53	4.9	4.0	1.3	24.9	0.09	<0.05	8.6	0.027
29970	Core	145	15.1	28.9	0.006	0.047	0.44	3.2	2.1	0.9	18.3	0.15	<0.05	8.5	0.023
29971	Core	153	8.4	31.0	0.007	0.052	0.39	3.7	2.7	0.8	22.9	0.13	<0.05	7.9	0.027
29972	Core	103	9.1	36.8	0.004	0.092	0.63	3.6	3.8	0.8	22.0	0.14	<0.05	8.9	0.031
29973	Core	140	10.7	21.7	0.007	0.070	0.37	2.1	1.7	0.7	22.3	0.06	<0.05	6.8	0.016
29974	Core	213	14.8	63.7	0.005	0.183	0.57	6.3	2.7	1.3	34.4	0.13	<0.05	9.5	0.032
29975	Core	122	9.4	23.8	0.005	0.047	0.32	2.5	4.1	0.6	15.3	0.09	<0.05	7.3	0.021
29976	Core	135	6.7	38.2	0.004	0.087	0.40	2.0	3.8	3.8	14.9	0.06	<0.05	6.3	0.016
29977	Core	135	9.8	23.8	0.006	0.037	0.25	1.7	4.6	0.9	12.4	0.07	<0.05	6.6	0.012
29978	Core	143	11.0	23.9	0.003	0.038	0.27	1.7	5.2	0.7	13.7	0.08	<0.05	7.1	0.013
29979	Core	183	13.7	27.4	0.005	0.016	0.23	2.2	4.2	0.7	17.8	0.07	<0.05	7.3	0.014
29980	Core	149	7.8	32.2	0.004	0.074	0.26	2.7	2.4	0.9	23.1	0.05	<0.05	7.2	0.015
29981	Core	249	11.5	29.1	0.006	0.058	0.20	2.4	4.1	0.8	67.8	0.06	<0.05	7.6	0.013

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29982	Core	191	14.9	85.5	0.004	0.123	0.46	8.8	3.9	1.8	52.6	0.13	<0.05	11.8	0.037
29983	Core	179	7.8	30.2	0.006	0.067	0.25	2.6	2.7	1.6	14.7	0.07	<0.05	7.2	0.015
29984	Core	135	10.0	25.1	0.003	0.066	0.31	2.0	2.4	0.9	17.0	0.07	<0.05	8.5	0.016
29985	Core	246	30.5	29.0	0.007	0.038	0.28	3.1	3.3	0.9	19.1	0.05	<0.05	7.5	0.013
29986	Core	260	35.2	108.0	0.005	0.065	0.35	10.7	4.7	1.7	76.8	0.09	<0.05	13.1	0.036
29987	Core	426	20.9	187.2	0.012	0.061	0.45	18.5	2.1	2.8	106.7	0.25	<0.05	21.3	0.076
29988	Core	506	32.7	187.8	0.006	0.290	0.54	19.3	2.9	2.8	114.3	0.25	<0.05	17.4	0.093
29989	Core	296	24.8	132.5	0.008	0.100	0.34	14.7	2.2	2.1	92.8	0.22	<0.05	20.1	0.077
29990	Core	557	24.5	180.6	0.004	0.077	0.46	17.6	2.5	2.5	111.6	0.27	<0.05	20.4	0.088
29991	Core	574	25.6	177.2	0.007	0.074	0.44	18.2	2.4	2.5	115.1	0.24	<0.05	19.5	0.089
29992	Core	557	27.1	208.6	0.005	0.060	0.53	20.8	3.4	2.8	119.3	0.21	<0.05	20.3	0.075
29993	Core	796	29.5	192.6	0.009	0.067	0.59	19.1	3.3	2.7	117.0	0.19	<0.05	17.2	0.087
29994	Core	517	27.2	197.9	0.006	0.034	0.46	19.6	2.8	2.6	124.6	0.30	<0.05	22.4	0.103
29995	Core	792	30.0	188.7	0.012	0.093	0.45	18.5	3.2	2.6	124.2	0.27	<0.05	20.1	0.096

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29942	Core	1.06	4.2	155	0.5	6.4	117	78.3
29943	Core	1.11	4.1	149	0.5	6.6	112	80.8
29944	Core	1.08	4.1	153	0.4	6.9	114	76.5
29945	Core	1.16	4.3	154	0.5	8.2	109	96.2
29946	Core	0.18	1.1	36	0.3	2.8	60	26.0
29947	Core	0.17	1.1	25	0.4	3.0	14	31.2
29948	Core	0.13	0.9	21	1.3	2.4	14	24.3
29949	Core	0.20	1.4	41	0.4	3.7	29	46.6
29950	Core	0.19	1.1	36	0.5	2.8	91	37.2
29951	Core	0.28	0.9	30	0.3	2.4	260	29.2
29952	Core	0.57	3.0	103	0.5	6.4	202	85.8
29953	Core	0.17	1.9	42	0.2	7.4	28	59.8
29954	Core	0.16	1.3	36	0.3	3.7	40	37.2
29955	Core	0.13	0.9	27	0.3	3.1	19	36.6
29956	Core	0.28	1.4	36	1.2	4.8	2298	44.3
29957	Core	0.19	1.0	25	0.5	2.9	200	34.3
29958	Core	0.15	1.2	24	0.9	3.3	92	38.3
29959	Core	0.14	1.0	30	0.3	3.0	28	37.5
29960	Core	0.14	1.1	38	0.2	3.2	27	39.8
29961	Core	0.18	1.2	43	0.2	2.9	31	40.8
29962	Core	0.15	1.0	37	0.3	2.5	24	32.7
29963	Pulp	12.93	7.4	390	36.1	23.2	258	79.4
29964	Core	0.18	1.0	33	0.4	2.4	65	30.4
29965	Core	0.33	1.2	42	0.9	3.3	1535	31.0
29966	Core	0.95	4.0	147	1.4	8.3	76	110.3
29967	Core	0.16	1.3	41	0.4	5.4	33	42.2
29968	Core	0.15	1.0	30	0.3	2.7	20	31.2
29969	Core	0.21	1.3	46	0.3	3.7	31	45.3
29970	Core	0.16	1.1	33	0.3	3.1	20	38.1
29971	Core	0.17	1.1	42	0.3	2.9	27	38.0
29972	Core	0.21	1.4	36	0.7	3.4	25	42.9
29973	Core	0.10	0.8	24	0.2	2.7	21	27.8
29974	Core	0.30	1.8	54	0.4	4.1	47	54.8
29975	Core	0.12	1.1	30	0.2	2.7	23	33.1
29976	Core	0.18	1.1	25	0.4	2.3	14	29.5
29977	Core	0.11	1.0	20	0.2	2.2	12	27.1
29978	Core	0.12	1.3	21	0.2	2.2	14	30.9
29979	Core	0.14	1.1	24	0.2	2.6	17	31.5
29980	Core	0.16	1.1	31	12.3	2.6	18	33.1
29981	Core	0.16	1.4	27	0.3	3.3	18	27.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29982	Core	0.46	2.4	80	0.4	4.3	60	59.6
29983	Core	0.18	1.2	24	0.4	2.5	19	28.6
29984	Core	0.16	1.3	25	0.3	2.5	18	37.6
29985	Core	0.15	1.2	27	0.2	3.4	31	30.3
29986	Core	0.60	2.6	90	0.2	5.1	73	57.6
29987	Core	1.08	4.9	145	0.4	8.1	112	105.3
29988	Core	0.91	4.4	152	0.3	8.8	109	100.2
29989	Core	0.71	4.3	132	0.3	8.8	118	108.1
29990	Core	0.98	4.5	143	0.5	9.3	114	100.6
29991	Core	0.97	4.7	147	0.3	8.5	120	89.5
29992	Core	1.05	5.6	146	0.3	9.2	118	95.9
29993	Core	0.86	4.3	147	0.3	9.1	124	94.6
29994	Core	0.99	5.0	147	0.4	10.6	117	97.4
29995	Core	1.02	5.3	147	0.3	9.3	119	93.1

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29942	Core		0.29	>10	21.3	946	3.90	0.52	0.06	0.09	68.17	16.7	94	5.63	53.3
29942 Dup			0.11	>10	18.8	887	3.82	0.57	0.06	0.08	48.00	16.9	91	5.57	54.0
QCV1112-00236-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.50	4.27	6912.1	203						10.4			28.8
29960	Core		0.72	3.12	4.8	112	0.31	0.37	0.41	0.03	31.44	5.2	128	1.24	11.7
29960 Dup			0.25	3.16	4.1	110	0.47	0.39	0.40	0.04	31.21	5.6	140	1.23	12.5
QCV1112-00236-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.77	7.66	9.7	393	2.87	2.81		0.05	116.60	15.7		6.62	2308.3
29978	Core		<0.01	2.51	4.5	95	0.44	0.13	0.07	<0.02	20.75	4.0	139	0.97	11.0
29978 Dup			<0.01	2.43	4.1	92	0.48	0.14	0.07	<0.02	22.96	4.2	139	0.97	11.4
QCV1112-00236-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-6 expected			101.00												6130.0
STD-CDN-ME-6 result			98.06												5999.2
QCV1112-00236-0010-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS92-4A expected			0.70					2.44				16.3			2294.0
STD-OREAS92-4A result			0.73	7.59	8.3	425	2.73	2.42		0.07	89.80	16.4		6.80	2268.0
29942	Core	0.011													
29942 Dup		0.011													
29960	Core	<0.005													
29960 Dup		<0.005													
STD-Oxi81 expected		1.807													
STD-Oxi81 result		1.700													
QCV1112-00237-0004-BLK		<0.005													
29978	Core	<0.005													
29978 Dup		<0.005													
QCV1112-00237-0006-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		0.903													

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11-360-08868-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29942	Core	4.90	28.24	1.64	2.5	0.08	3.63	37.7	83.1	1.44	384	0.38	0.42	3.7	47.0
29942 Dup		4.77	28.19	1.50	2.7	0.08	3.70	27.0	82.4	1.41	371	0.37	0.42	2.6	47.3
QCV1112-00236-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										3.00	415				50.2
29960	Core	1.51	6.60	0.72	1.3	0.01	0.55	14.4	18.8	0.38	330	0.39	0.11	0.8	12.2
29960 Dup		1.51	6.50	0.82	1.1	0.01	0.55	14.0	19.0	0.38	332	0.44	0.12	0.9	11.9
QCV1112-00236-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.20	17.67		4.0	0.32	2.93	42.0	24.0	1.64		0.38	0.50	15.1	37.2
29978	Core	0.85	4.89	0.83	0.9	<0.01	0.47	9.7	14.5	0.14	185	0.38	0.04	0.7	7.2
29978 Dup		0.84	5.07	0.73	0.9	<0.01	0.46	10.6	13.7	0.13	179	0.38	0.04	0.5	7.4
QCV1112-00236-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1112-00236-0010-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS92-4A expected															
STD-OREAS92-4A result		4.15	19.83		2.9	0.34	2.90	45.6	25.1	1.63		0.36	0.50	14.9	40.1

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29942	Core	307	29.3	182.8	0.006	0.234	0.52	18.5	3.3	2.9	117.2	0.34	<0.05	15.6	0.105
29942 Dup		292	28.1	177.0	<0.002	0.237	0.50	19.2	2.8	2.9	114.9	0.31	<0.05	15.6	0.090
QCV1112-00236-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		351	13.2			2.982									
29960	Core	98	141.3	27.6	0.007	0.041	0.43	3.4	1.5	1.1	24.2	0.07	<0.05	7.5	0.022
29960 Dup		103	136.4	28.3	0.006	0.047	0.43	3.6	1.7	1.0	25.4	0.07	<0.05	7.3	0.021
QCV1112-00236-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		688	10.6	192.5	0.007	0.288	1.13	12.8		10.5	34.8	1.20	<0.05	19.3	
29978	Core	143	11.0	23.9	0.003	0.038	0.27	1.7	5.2	0.7	13.7	0.08	<0.05	7.1	0.013
29978 Dup		136	11.0	22.9	0.005	0.039	0.25	1.7	3.6	0.7	13.6	0.08	<0.05	7.2	0.012
QCV1112-00236-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-6 expected			10200.0												
STD-CDN-ME-6 result			9976.5			2.285									
QCV1112-00236-0010-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS92-4A expected			9.8			0.310	1.16			10.6					
STD-OREAS92-4A result		671	10.8	209.6	0.006	0.267	1.23	13.4		10.9	36.9	0.97	<0.05	15.3	

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29942	Core	1.06	4.2	155	0.5	6.4	117	78.3
29942 Dup		1.14	4.3	150	0.5	6.2	120	75.2
QCV1112-00236-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		19.79					203	
29960	Core	0.14	1.1	38	0.2	3.2	27	39.8
29960 Dup		0.13	1.1	38	0.2	3.0	27	37.3
QCV1112-00236-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.95	3.3		2.6	24.3	89	123.2
29978	Core	0.12	1.3	21	0.2	2.2	14	30.9
29978 Dup		0.12	1.2	20	0.1	2.2	13	30.4
QCV1112-00236-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-6 expected							5170	
STD-CDN-ME-6 result							4798	
QCV1112-00236-0010-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS92-4A expected							88	
STD-OREAS92-4A result		0.87	3.1		2.2	25.7	86	125.5

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Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 99**
Client Reference: **Core 99**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 01/03/2012
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	12	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29996	Core	<0.005	0.10	>10	8.8	643	2.86	0.50	0.18	0.08	111.45	16.6	95	5.47	53.5
29997	Core	<0.005	0.10	>10	9.0	559	2.31	0.41	0.17	0.11	96.79	16.9	89	4.90	49.3
29998	Core	<0.005	0.28	9.89	10.1	579	2.51	0.34	0.15	0.07	53.39	14.5	124	4.94	45.4
29999	Reject	<0.005	0.13	9.19	8.3	525	2.28	0.30	0.17	0.06	65.14	14.1	131	4.72	44.2
30000	Core	<0.005	0.25	0.09	1.9	23	0.06	0.02	>10	0.08	1.42	1.3	5	1.17	2.0
31756	Core	0.006	0.05	2.73	5.3	57	0.61	0.10	0.15	0.04	26.28	7.3	162	0.91	13.5
31757	Core	0.008	0.20	>10	12.7	783	4.29	0.47	0.13	0.08	69.99	15.8	113	6.92	63.6
31758	Core	<0.005	0.55	>10	14.0	679	3.48	0.40	0.13	0.06	77.01	18.1	91	6.45	52.3
31759	Core	<0.005	0.31	>10	17.2	840	4.70	0.47	0.11	0.07	78.72	20.1	100	7.00	64.4
31760	Core	<0.005	0.08	2.74	4.9	65	0.68	0.13	0.06	<0.02	25.68	6.0	169	0.94	13.0
31761	Core	0.780	0.08	1.70	1410.9	74	0.57	0.10	0.15	0.26	9.65	2.7	167	1.69	16.2
31762	Core	2.737	0.16	0.66	412.0	31	0.23	0.03	<0.01	0.13	5.15	1.3	215	1.02	3.3
31763	Core	0.763	0.15	1.89	870.8	86	0.55	0.04	0.13	0.23	16.13	3.4	196	2.74	10.2

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29996	Core	4.86	32.15	1.52	2.9	0.07	3.53	57.0	84.1	1.27	587	0.38	0.42	3.6	43.7
29997	Core	4.89	28.85	1.32	2.8	0.07	2.95	49.0	88.3	1.28	799	0.34	0.37	2.8	46.4
29998	Core	4.45	25.46	1.36	2.5	0.06	2.70	26.2	75.0	1.16	665	0.66	0.43	2.6	39.2
29999	Reject	4.17	25.13	1.38	2.4	0.06	2.49	32.5	75.2	1.09	652	0.64	0.43	2.5	39.3
30000	Core	0.38	0.45	<0.05	0.3	<0.01	0.05	0.8	1.7	>10	178	0.09	<0.01	0.7	3.2
31756	Core	2.45	5.89	1.20	0.8	0.02	0.27	11.9	39.0	0.59	414	0.42	0.39	0.8	15.5
31757	Core	4.56	33.23	1.15	2.6	0.09	3.85	35.2	84.2	1.26	436	0.44	0.38	2.5	45.5
31758	Core	4.55	31.76	1.43	3.7	0.08	3.40	39.8	90.1	1.27	433	0.43	0.33	3.2	48.9
31759	Core	4.40	39.26	1.56	2.8	0.09	3.91	40.6	96.9	1.23	441	0.43	0.39	2.9	51.3
31760	Core	1.76	6.37	0.95	0.8	0.02	0.32	11.7	36.7	0.38	371	0.46	0.27	0.7	12.4
31761	Core	0.73	6.36	1.47	0.6	0.01	0.48	4.4	5.8	0.10	263	0.39	0.02	0.4	7.7
31762	Core	0.27	2.50	1.65	0.2	<0.01	0.21	2.4	10.3	0.02	20	0.55	<0.01	0.3	4.4
31763	Core	0.74	6.15	1.67	0.8	0.02	0.50	7.1	49.3	0.07	188	0.50	0.03	0.7	7.9

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29996	Core	720	33.0	164.7	0.006	0.038	0.46	19.3	1.2	2.5	126.9	0.36	<0.05	20.1	0.121
29997	Core	409	31.0	154.2	0.002	0.043	0.42	17.5	1.6	2.2	109.4	0.27	<0.05	18.7	0.094
29998	Core	276	25.0	139.6	<0.002	0.047	0.47	14.1	<1.0	2.1	101.8	0.51	<0.05	16.1	0.072
29999	Reject	259	23.8	136.0	<0.002	0.036	0.47	13.7	<1.0	2.2	99.9	0.39	<0.05	16.2	0.069
30000	Core	162	2.4	3.8	<0.002	<0.01	0.06	0.5	<1.0	0.2	45.8	0.57	<0.05	0.3	<0.005
31756	Core	99	26.9	14.3	<0.002	0.037	0.23	2.4	<1.0	0.7	21.0	0.11	<0.05	6.0	0.020
31757	Core	557	23.1	186.6	<0.002	0.036	0.83	18.8	<1.0	2.6	136.6	0.37	<0.05	18.8	0.085
31758	Core	607	14.1	172.4	0.003	0.028	1.04	19.2	<1.0	2.6	120.0	0.91	<0.05	19.3	0.077
31759	Core	445	16.3	203.1	0.003	0.021	0.90	21.4	<1.0	3.0	154.2	0.54	<0.05	20.0	0.085
31760	Core	115	17.9	17.2	<0.002	0.016	0.21	2.5	1.4	0.7	19.2	0.11	<0.05	7.3	0.017
31761	Core	14	35.7	27.2	<0.002	0.127	2.24	1.6	<1.0	1.0	20.2	0.06	<0.05	4.0	0.011
31762	Core	<10	18.8	11.9	<0.002	0.026	1.39	0.5	3.7	0.9	4.5	<0.05	<0.05	1.2	0.006
31763	Core	36	18.5	30.2	<0.002	0.121	3.06	2.2	2.1	1.4	37.6	0.07	<0.05	5.5	0.014

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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29996	Core	0.95	5.1	148	0.5	10.2	122	86.5
29997	Core	0.88	4.5	136	0.4	9.6	125	88.1
29998	Core	0.78	4.2	141	0.3	6.9	99	72.2
29999	Reject	0.73	3.6	130	0.3	7.1	95	68.1
30000	Core	0.03	0.6	353	0.2	0.8	19	0.9
31756	Core	0.08	1.1	40	0.2	2.7	48	21.3
31757	Core	1.09	4.5	171	0.3	8.0	114	77.4
31758	Core	1.03	4.1	160	0.8	8.0	121	74.0
31759	Core	1.17	4.8	173	0.4	8.6	122	82.9
31760	Core	0.11	1.2	34	0.2	3.1	29	27.0
31761	Core	0.15	0.6	22	1.1	1.8	48	20.4
31762	Core	0.08	0.2	8	0.5	0.5	6	8.7
31763	Core	0.17	0.9	20	1.8	2.1	44	29.0

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29996	Core		0.10	>10	8.8	643	2.86	0.50	0.18	0.08	111.45	16.6	95	5.47	53.5
29996 Dup			0.13	>10	9.8	636	3.04	0.45	0.16	0.05	93.57	17.1	90	4.90	51.7
QCV1112-00241-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1112-00241-0003-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	0.07	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.57	4.19	6677.6	232						9.7			28.2
29996	Core	<0.005													
29996 Dup		<0.005													
QCV1112-00242-0002-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.007													

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11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29996	Core	4.86	32.15	1.52	2.9	0.07	3.53	57.0	84.1	1.27	587	0.38	0.42	3.6	43.7
29996 Dup		4.49	31.65	1.26	2.4	0.08	3.19	44.1	85.0	1.14	542	0.40	0.40	3.1	45.8
QCV1112-00241-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1112-00241-0003-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.68	427				49.8

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29996	Core	720	33.0	164.7	0.006	0.038	0.46	19.3	1.2	2.5	126.9	0.36	<0.05	20.1	0.121
29996 Dup		707	36.1	141.6	0.006	0.034	0.50	18.3	1.1	2.6	126.9	0.25	<0.05	14.9	0.104
QCV1112-00241-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1112-00241-0003-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		327	13.1												

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29996	Core	0.95	5.1	148	0.5	10.2	122	86.5
29996 Dup		0.81	4.4	135	0.4	8.5	117	88.6
QCV1112-00241-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1112-00241-0003-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.65					207	

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Certificate of Analysis

11-360-08869-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Greg Hayes
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Attention: Bonnie Pollries
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Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Core 99**
Client Reference: **Core 99**
Description: **3 ACE**

Date Received: 12/01/2011
Date Completed: 01/03/2012
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	12	Core	SP-RX-2K/Rock/Chips/Drill Core
Whitehorse, YT	1	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-2AT-AA	Au, 2AT Fire Assay, AAS

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29996	Core	<0.005	0.10	>10	8.8	643	2.86	0.50	0.18	0.08	111.45	16.6	95	5.47	53.5
29997	Core	<0.005	0.10	>10	9.0	559	2.31	0.41	0.17	0.11	96.79	16.9	89	4.90	49.3
29998	Core	<0.005	0.28	9.89	10.1	579	2.51	0.34	0.15	0.07	53.39	14.5	124	4.94	45.4
29999	Reject	<0.005	0.13	9.19	8.3	525	2.28	0.30	0.17	0.06	65.14	14.1	131	4.72	44.2
30000	Core	<0.005	0.25	0.09	1.9	23	0.06	0.02	>10	0.08	1.42	1.3	5	1.17	2.0
31756	Core	0.006	0.05	2.73	5.3	57	0.61	0.10	0.15	0.04	26.28	7.3	162	0.91	13.5
31757	Core	0.008	0.20	>10	12.7	783	4.29	0.47	0.13	0.08	69.99	15.8	113	6.92	63.6
31758	Core	<0.005	0.55	>10	14.0	679	3.48	0.40	0.13	0.06	77.01	18.1	91	6.45	52.3
31759	Core	<0.005	0.31	>10	17.2	840	4.70	0.47	0.11	0.07	78.72	20.1	100	7.00	64.4
31760	Core	<0.005	0.08	2.74	4.9	65	0.68	0.13	0.06	<0.02	25.68	6.0	169	0.94	13.0
31761	Core	0.780	0.08	1.70	1410.9	74	0.57	0.10	0.15	0.26	9.65	2.7	167	1.69	16.2
31762	Core	2.737	0.16	0.66	412.0	31	0.23	0.03	<0.01	0.13	5.15	1.3	215	1.02	3.3
31763	Core	0.763	0.15	1.89	870.8	86	0.55	0.04	0.13	0.23	16.13	3.4	196	2.74	10.2

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29996	Core	4.86	32.15	1.52	2.9	0.07	3.53	57.0	84.1	1.27	587	0.38	0.42	3.6	43.7
29997	Core	4.89	28.85	1.32	2.8	0.07	2.95	49.0	88.3	1.28	799	0.34	0.37	2.8	46.4
29998	Core	4.45	25.46	1.36	2.5	0.06	2.70	26.2	75.0	1.16	665	0.66	0.43	2.6	39.2
29999	Reject	4.17	25.13	1.38	2.4	0.06	2.49	32.5	75.2	1.09	652	0.64	0.43	2.5	39.3
30000	Core	0.38	0.45	<0.05	0.3	<0.01	0.05	0.8	1.7	>10	178	0.09	<0.01	0.7	3.2
31756	Core	2.45	5.89	1.20	0.8	0.02	0.27	11.9	39.0	0.59	414	0.42	0.39	0.8	15.5
31757	Core	4.56	33.23	1.15	2.6	0.09	3.85	35.2	84.2	1.26	436	0.44	0.38	2.5	45.5
31758	Core	4.55	31.76	1.43	3.7	0.08	3.40	39.8	90.1	1.27	433	0.43	0.33	3.2	48.9
31759	Core	4.40	39.26	1.56	2.8	0.09	3.91	40.6	96.9	1.23	441	0.43	0.39	2.9	51.3
31760	Core	1.76	6.37	0.95	0.8	0.02	0.32	11.7	36.7	0.38	371	0.46	0.27	0.7	12.4
31761	Core	0.73	6.36	1.47	0.6	0.01	0.48	4.4	5.8	0.10	263	0.39	0.02	0.4	7.7
31762	Core	0.27	2.50	1.65	0.2	<0.01	0.21	2.4	10.3	0.02	20	0.55	<0.01	0.3	4.4
31763	Core	0.74	6.15	1.67	0.8	0.02	0.50	7.1	49.3	0.07	188	0.50	0.03	0.7	7.9

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29996	Core	720	33.0	164.7	0.006	0.038	0.46	19.3	1.2	2.5	126.9	0.36	<0.05	20.1	0.121
29997	Core	409	31.0	154.2	0.002	0.043	0.42	17.5	1.6	2.2	109.4	0.27	<0.05	18.7	0.094
29998	Core	276	25.0	139.6	<0.002	0.047	0.47	14.1	<1.0	2.1	101.8	0.51	<0.05	16.1	0.072
29999	Reject	259	23.8	136.0	<0.002	0.036	0.47	13.7	<1.0	2.2	99.9	0.39	<0.05	16.2	0.069
30000	Core	162	2.4	3.8	<0.002	<0.01	0.06	0.5	<1.0	0.2	45.8	0.57	<0.05	0.3	<0.005
31756	Core	99	26.9	14.3	<0.002	0.037	0.23	2.4	<1.0	0.7	21.0	0.11	<0.05	6.0	0.020
31757	Core	557	23.1	186.6	<0.002	0.036	0.83	18.8	<1.0	2.6	136.6	0.37	<0.05	18.8	0.085
31758	Core	607	14.1	172.4	0.003	0.028	1.04	19.2	<1.0	2.6	120.0	0.91	<0.05	19.3	0.077
31759	Core	445	16.3	203.1	0.003	0.021	0.90	21.4	<1.0	3.0	154.2	0.54	<0.05	20.0	0.085
31760	Core	115	17.9	17.2	<0.002	0.016	0.21	2.5	1.4	0.7	19.2	0.11	<0.05	7.3	0.017
31761	Core	14	35.7	27.2	<0.002	0.127	2.24	1.6	<1.0	1.0	20.2	0.06	<0.05	4.0	0.011
31762	Core	<10	18.8	11.9	<0.002	0.026	1.39	0.5	3.7	0.9	4.5	<0.05	<0.05	1.2	0.006
31763	Core	36	18.5	30.2	<0.002	0.121	3.06	2.2	2.1	1.4	37.6	0.07	<0.05	5.5	0.014

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Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29996	Core	0.95	5.1	148	0.5	10.2	122	86.5
29997	Core	0.88	4.5	136	0.4	9.6	125	88.1
29998	Core	0.78	4.2	141	0.3	6.9	99	72.2
29999	Reject	0.73	3.6	130	0.3	7.1	95	68.1
30000	Core	0.03	0.6	353	0.2	0.8	19	0.9
31756	Core	0.08	1.1	40	0.2	2.7	48	21.3
31757	Core	1.09	4.5	171	0.3	8.0	114	77.4
31758	Core	1.03	4.1	160	0.8	8.0	121	74.0
31759	Core	1.17	4.8	173	0.4	8.6	122	82.9
31760	Core	0.11	1.2	34	0.2	3.1	29	27.0
31761	Core	0.15	0.6	22	1.1	1.8	48	20.4
31762	Core	0.08	0.2	8	0.5	0.5	6	8.7
31763	Core	0.17	0.9	20	1.8	2.1	44	29.0

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Canada

Certificate of Analysis

11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au Au-2AT-AA g/ton 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
29996	Core		0.10	>10	8.8	643	2.86	0.50	0.18	0.08	111.45	16.6	95	5.47	53.5
29996 Dup			0.13	>10	9.8	636	3.04	0.45	0.16	0.05	93.57	17.1	90	4.90	51.7
QCV1112-00241-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
QCV1112-00241-0003-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	0.07	<0.2
STD-DS-1 expected			0.47	4.48	6930.0	221						9.5			27.1
STD-DS-1 result			0.57	4.19	6677.6	232						9.7			28.2
29996	Core	<0.005													
29996 Dup		<0.005													
QCV1112-00242-0002-BLK		<0.005													
STD-OxG84 expected		0.922													
STD-OxG84 result		1.007													

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11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
29996	Core	4.86	32.15	1.52	2.9	0.07	3.53	57.0	84.1	1.27	587	0.38	0.42	3.6	43.7
29996 Dup		4.49	31.65	1.26	2.4	0.08	3.19	44.1	85.0	1.14	542	0.40	0.40	3.1	45.8
QCV1112-00241-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
QCV1112-00241-0003-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-DS-1 expected										2.76	437				48.7
STD-DS-1 result										2.68	427				49.8

INSPECTORATE
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Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
29996	Core	720	33.0	164.7	0.006	0.038	0.46	19.3	1.2	2.5	126.9	0.36	<0.05	20.1	0.121
29996 Dup		707	36.1	141.6	0.006	0.034	0.50	18.3	1.1	2.6	126.9	0.25	<0.05	14.9	0.104
QCV1112-00241-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
QCV1112-00241-0003-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-DS-1 expected		340	13.8												
STD-DS-1 result		327	13.1												

3Ace Property, Northern Tiger Resources Inc.
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Canada

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11-360-08869-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
29996	Core	0.95	5.1	148	0.5	10.2	122	86.5
29996 Dup		0.81	4.4	135	0.4	8.5	117	88.6
QCV1112-00241-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
QCV1112-00241-0003-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-DS-1 expected		20.00					206	
STD-DS-1 result		18.65					207	

3Ace Property, Northern Tiger Resources Inc.
Vol 10-171
Buchanan et al., 2011

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11-360-09275-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

3Ace Property, Northern Tiger Resources Inc.
Vol 10-172
Buchanan et al., 2011

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EMail: Mdebnam@firestoneventures.com

Attention: Jim McFaull
EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Purchase Order: **Met screens**
Client Reference: **Met screens**
Description: **3 ACE**

Date Received: 11/09/2011
Date Completed: 12/02/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	6	Reject	SP-PV-250/<250g, -10 mesh, pulverize to >90%, -150 mesh

Location	Method	Description
Vancouver, BC	Au-Met500-AA	Au Metallic Screen (500g) AA Finish

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____

Michael Caron - Operations Manager

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-09275-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au (Total) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (+150) Au-Met500-AA ppm 0.01	Weight (-150) Au-Met500-AA g	Weight (+150) Au-Met500-AA g	Weight (Total) Au-Met500-AA g
28513	Reject	0.45	0.45	0.42	0.60	500.40	48.10	548.50
28517	Reject	114.25	59.30	58.63	710.56	500.20	46.38	546.58
28770	Reject	0.06	0.07	0.06	0.02	497.80	22.71	520.51
29529	Reject	0.40	0.47	0.37	0.13	510.20	42.75	552.95
30041	Reject	<0.01	<0.01	<0.01	<0.01	523.90	22.67	546.57
32725	Reject	45.22	12.20	14.30	590.41	554.40	32.51	586.91

3Ace Property, Northern Tiger Resources Inc.
Vol 10-173
Buchanan et al., 2011

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Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-09275-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au (Total) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (+150) Au-Met500-AA ppm 0.01	Weight (-150) Au-Met500-AA g	Weight (+150) Au-Met500-AA g	Weight (Total) Au-Met500-AA g
QCV1111-01164-0001-BLK		<0.01						29.17
QCV1111-01164-0002-BLK		<0.01						29.17
STD-OxJ80 expected		2.33						
STD-OxJ80 result		2.36						30.04

3Ace Property, Northern Tiger Resources Inc.
Vol 10-174
Buchanan et al., 2011

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Certificate of Analysis

11-360-09601-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

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EMail: ajmcfayll@yahoo.ca

Attention: Dennis Ouellette
EMail: douellette@northern-tiger.com

Attention: Chris Buchanan
EMail: cbuchanan@northern-tiger.com

Attention: Bonnie Pollries
EMail: bpollries@northern-tiger.com

Submitted By: **Northern Tiger Resources**
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Attention: **Greg Hayes**

Project: **3 ACE**
Client Reference: **(Core 83) Met screen**
Description: **3 ACE**

Date Received: 11/18/2011
Date Completed: 12/07/2011
Invoice:

Location	Samples	Type	Preparation Description
Whitehorse, YT	1	Core	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	Au-Met500-AA	Au Metallic Screen (500g) AA Finish

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project. For our complete terms and conditions please see our website at www.inspectorate.com.

For and on behalf of: ***Inspectorate Exploration and Mining Services Ltd***

By _____
Michael Caron - Operations Manager

INSPECTORATE
A Bureau Veritas Group Company
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5
Canada

Certificate of Analysis

11-360-09601-01

Northern Tiger Resources
#220 17010 103rd Ave
Edmonton, AB T5S 1K7

Sample Description	Sample Type	Au (Total) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (-150) Au-Met500-AA ppm 0.01	Au (+150) Au-Met500-AA ppm 0.01	Weight (-150) Au-Met500-AA g	Weight (+150) Au-Met500-AA g	Weight (Total) Au-Met500-AA g
31552	Core	<0.01	<0.01	<0.01	<0.01	516.70	41.21	557.91

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 11: Pocket Maps

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

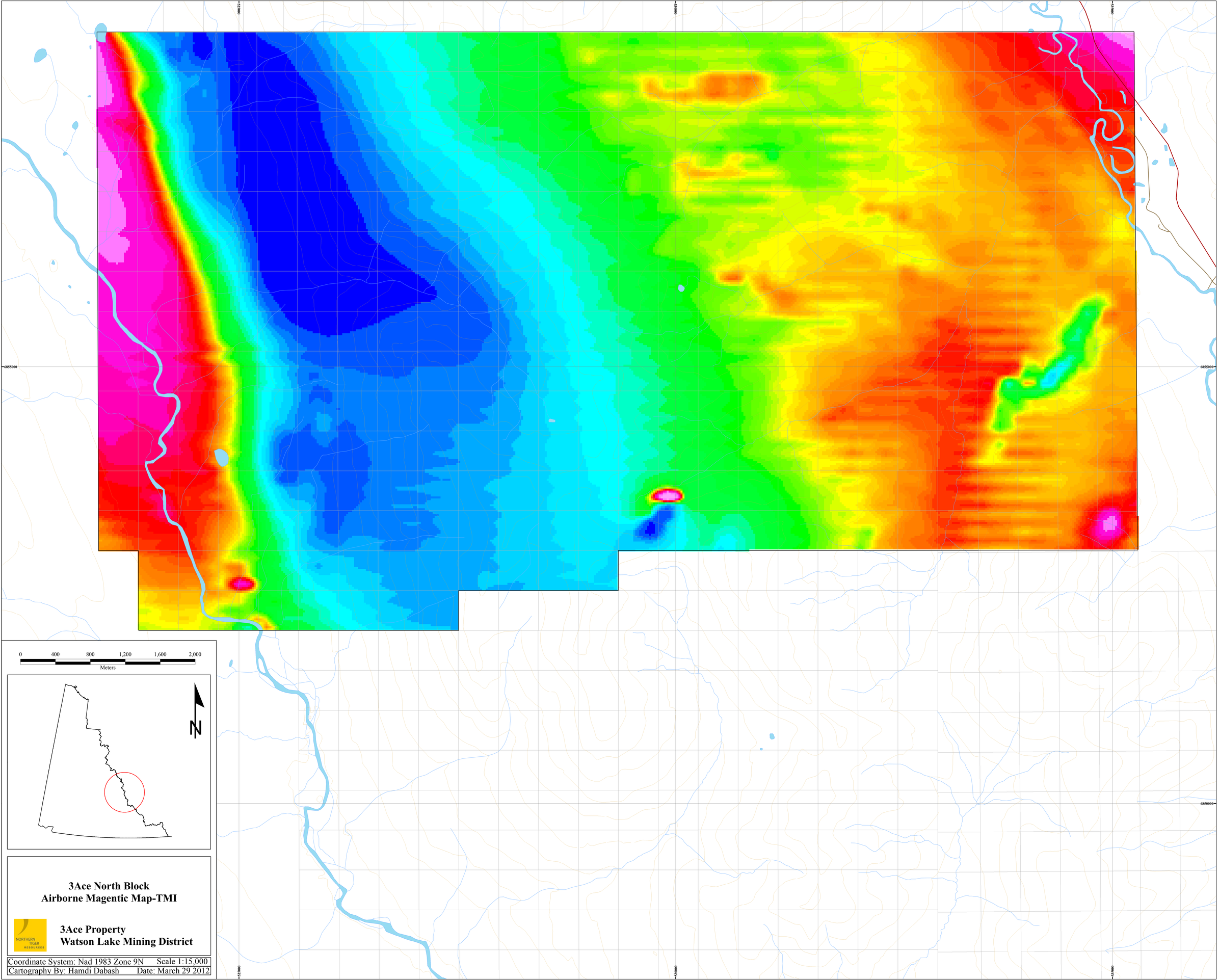
NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix F (Cont.)
Pocket Maps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550000
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6855000
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525000
550000
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57939.3
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57902.0
57895.9
57889.7
57885.7
57883.0
57881.1
57879.5
57877.9
57876.2
57874.6
57873.0
57871.6
57869.9
57868.0
57866.0
57863.9
57861.9
57859.8
57858.0
57855.9
57853.7
57850.9
57847.4
57840.9
57833.7
57825.1
57816.8
57806.8
57789.8
57771.4
57754.7
57737.2
57714.2
57653.0
TMI_Scale
0
400
800
1,200
1,600
2,000
Meters
N
3Ace North Block
Airborne Magentic Map-TMI
3Ace Property
Watson Lake Mining District
NORTHERN TIGER RESOURCES
Coordinate System: Nad 1983 Zone 9N
Scale 1:15,000
Cartography By: Hamdi Dabash
Date: March 29 2012

533000
534000
535000
536000
6846000
6845000
6844000
6843000
6842000

3A-11-029
3A-11-030
3A-11-022
3A-11-023
3A-11-025
3A-11-026
3A-11-027
3ANZ-11-001
3ANZ-11-002
3A-11-035
3A-11-021
3A-11-018
3A-11-019
3A-11-014
3A-11-013
3A-11-017
3A-11-034
3A-11-012
3A-11-032
3A-11-033
3A-11-011
3A-11-010
3A-11-010A
3A-11-015
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3A-11-016
3A-11-028
3A-11-031
3A-11-024
3A-11-024A
3A-11-020
3A-11-020A
3ARS-11-001
3ARS-11-002

Drill Collars

0 50 100 150 200 250
Meters

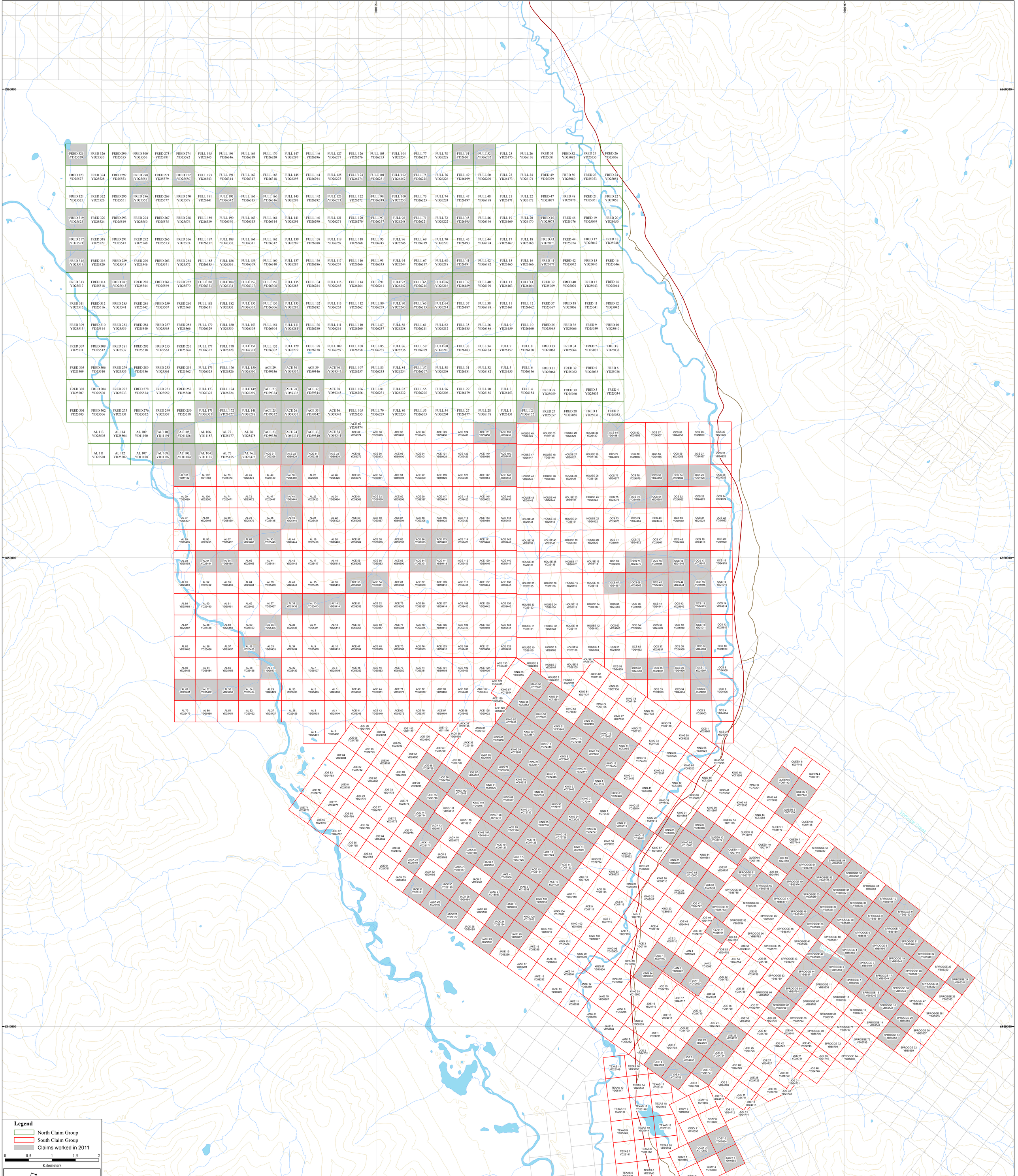
N

2011 Drill Collar Map

NORTHERN TIGER RESOURCES

3Ace Property
Watson Lake Mining District

Coordinate System: Nad 1983 Zone 9N Scale 1:5,000
Cartography By: Hamdi Dabash Date: March 19 2012


510000
6860000
6850000
6840000
Legend
North Claim Group
South Claim Group
Claims worked in 2011
0 0.5 1 1.5 2
Kilometers
N
Quartz Claims Comprising the North and South Claim Groups and Claims worked in 2011
3Ace Property
Watson Lake Mining District
NORTHERN TIGER RESOURCES
Coordinate System: Nad 1983 Zone 9N
Scale 1:25,000
Cartography By: Hamdi Dabash
Date: March 21 2012
Sprogge Creek
Joye Creek

525000
530000
535000
540000
6860000
6855000
6850000
6845000
6840000
6835000

20906 - 20909
20920 - 20921
21057 - 21060

20915 - 20919
21068 - 21073

20940 - 20948
21013 - 21021

20113 - 20116
20416 - 20417
20693 - 20700
20786 - 20790
20792 - 20793
20830 - 20837
20910 - 20914
21076 - 21084
21185 - 21191
21355 - 21356
21403 - 21405
21467 - 21470

20922

20923 - 20931
21001 - 21003
21097 - 21100

20798 - 20799
21093 - 21056

20795 - 20797
21086 - 21092

20794
21085

20657
20658
20803

20408 - 20410
20653 - 20656
20802
21152 - 21153

20107 - 20112
20413 - 20415
20420 - 20423
20964 - 20968
21034 - 21037
21357
21466

21067

20103 - 20104
20106
20402 - 20403
20651 - 20652
20701
20703 - 20708
20838 - 20841
21192 - 21196

20801
21151

20412
20932 - 20938
21004 - 21010

20690 - 20692 , 20827 - 20829
21182 - 21184 , 21352 - 21354
21402

20119
21451 - 21465

20118
20401
20685 - 20689
20825 - 20826
21179 - 21181
21351
21401
I034672 - I034673

20101 - 20102
20892
20894 - 20895
21145 - 21147

20791
21074 - 21075

20893

20899

Smudge Creek

20709
20843
21198

20842
20846 - 20847
21197
21199 - 21200

20848 - 20853
21101 - 21107

20844 - 20845

20710 - 20716
22669 - 22673

20717 - 20723
20854 - 20861
21108 - 21111
22658 - 22662
22666 - 22667

20660 - 20675
20758 - 20764
20783 - 20785
20804 - 20809
21132 -
21154 - 21168
22651 - 22653

20676 - 20680 , 20724 - 20727
20810 - 20814 , 20862 - 20864
21061 - 21066 , 21112 - 21115
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22668

20682 , 20754 - 20757
20765 - 20782 , 20815 - 20819
20896 - 20898, 20900 - 20905
21051 - 21056, 21148 - 21150
21172 - 21174 , 22664 - 22665

Dominion Creek

20683
20745
20879
20880
21116

20735 - 20744
20865 - 20877
21122 - 21130

20681 , 20728 - 20734
20878 , 21117 - 21121
21131 , 21171 , 22663

20684
20820 - 20822
21175 - 21177

20823 - 20824
21178

20886 - 20889
21133 - 21141
20746 - 20753
20881 - 20885

20404
20405
20406

20890
21142 - 21143

20891

21144

20105

Rock Samples
Au (gpt)
< 0.102
0.102 - 0.282
0.282 - 0.510
0.510 - 1.651
1.651 - 11.171

0 300 600 900 1,200 1,500
Meters

N

2011 Rock Samples
Au Concentration

NORTHERN TIGER RESOURCES

3Ace Property
Watson Lake Mining District

Coordinate System: Nad 1983 Zone 9N Scale 1:30,000
Cartography By: Hamdi Dabash Date: March 12 2012

Silt Samples
Au (gpt)
<0.016
0.016-0.025
0.025-0.037
0.037-0.051
>0.051
0 300 600 900 1,200 1,500
Meters

2011 Silt Samples
Au Concentration

NORTHERN TIGER RESOURCES
3Ace Property
Watson Lake Mining District

Coordinate System: Nad 1983 Zone 9N Scale 1:30,000
Cartography By: Hamdi Dabash Date: March 21 2012

532000

533000

534000

535000

6847000

6846000

6845000

6844000

6843000

see Schulze and Buchanan, 2010

see Schulze and Buchanan, 2010

see Schulze and Buchanan, 2010

Soil Samples
Au (gpt)

- 0.000 - 0.017
- 0.017 - 0.036
- 0.036 - 0.085
- 0.085 - 0.169
- > 0.169

0 50 100 150 200 250
Meters

N

2011 Soil Sampling Grid
Au Concentration

NORTHERN TIGER RESOURCES

3Ace Property
Watson Lake Mining District

Coordinate System: Nad 1983 Zone 9N Scale 1:5,000
Cartography By: Hamdi Dabash Date: March 12 2012

Assessment Report on 2011 Exploration Activity on the 3Ace Property: Drilling, Geochemical, and Geophysical Surveys, Little Hyland River Area, YT.

Volume 12: Appendix G: Airborne Geophysical Survey Report: 3Ace Block

3Ace Property
Watson Lake Mining District

Grant Numbers and Claim Names:

North Claim Group

YD59330-YD59337 (**Ace 23-30**), YD59340-YD59347 (**Ace 33-40**), YD59374 (**Ace 67**), YD25475-YD25478 (**Al 75-78**), YD11184-YD11191 (**Al 103-110**), YD25501-YD25504 (**Al 111-114**), YD25031-YD25082 (**Fred 1-52**), YD2557-YD25582 (**Fred 249-274**), YD25531-YD2556 (**Fred 275-300**), YD25506-YD25530 (**Fred 301-326**), YD26151-YD26346 (**Full 1-196**)

South Claim Group

YB91751 (**3 Ace 61**), YD07109-YD07128 (**Ace 1-20**), YD59328-YD59329 (**Ace 21-22**), YD59338-YD59339 (**Ace 31-32**), YD59348-YD59459 (**Ace 41-152**), YD25401-YD25474 (**Al 1-74**), YD25479-YD25500 (**Al 79-100**), YD11182-YD11183 (**Al 101-102**), YD10850-YD10859 (**Cozy 1-10**), YD26101-YD26150 (**House 1-50**), YD29165-YD29199 (**Jack 5-39**), YD18939-YD18936 (**Jake 1-4**), YD58282-YD58297 (**Jake 5-20**), YD10920-YD10923 (**Jan 1-4**), YD24701-YD24800 (**Joe 1-100**), YD11176-YD11177 (**Joe 101-102**), YC72439-YC72459 (**King 1-18**), YC89511-YC89520 (**King 19-28**), YC72724-YC73733 (**King 29-38**),YC73284-YC295 (**King 39-50**), YC73848-YC73859 (**King 51-62**), YC89521-YC89530 (**King 63-72**), YD07129-YD07138 (**King 73-82**), YD10860-YD10919 (**King 83-112**), YD24901-YD24982 (**OCS 1-82**), YD11172 (**Queen 1**), YD07139-YD07148 (**Queen 2-11**), YD11173-YD11175 (**Queen 12-14**) , YB85182-YB85191 (**Sprogge 1-10**), YB85338-YB85381 (**Sprogge 11-54**), YB85781-YB85800 (**Sprogge 54-74**), YD25135-YD25154 (**Texas 1-20**)

NTS Sheets 105H09, 105H16
61°43’37”N Lat, 128°21’46”W Long
UTM (NAD 83): 533700E, 6843800N, Zone 9

Work Completed:
June 15, 2011 to October 25, 2011

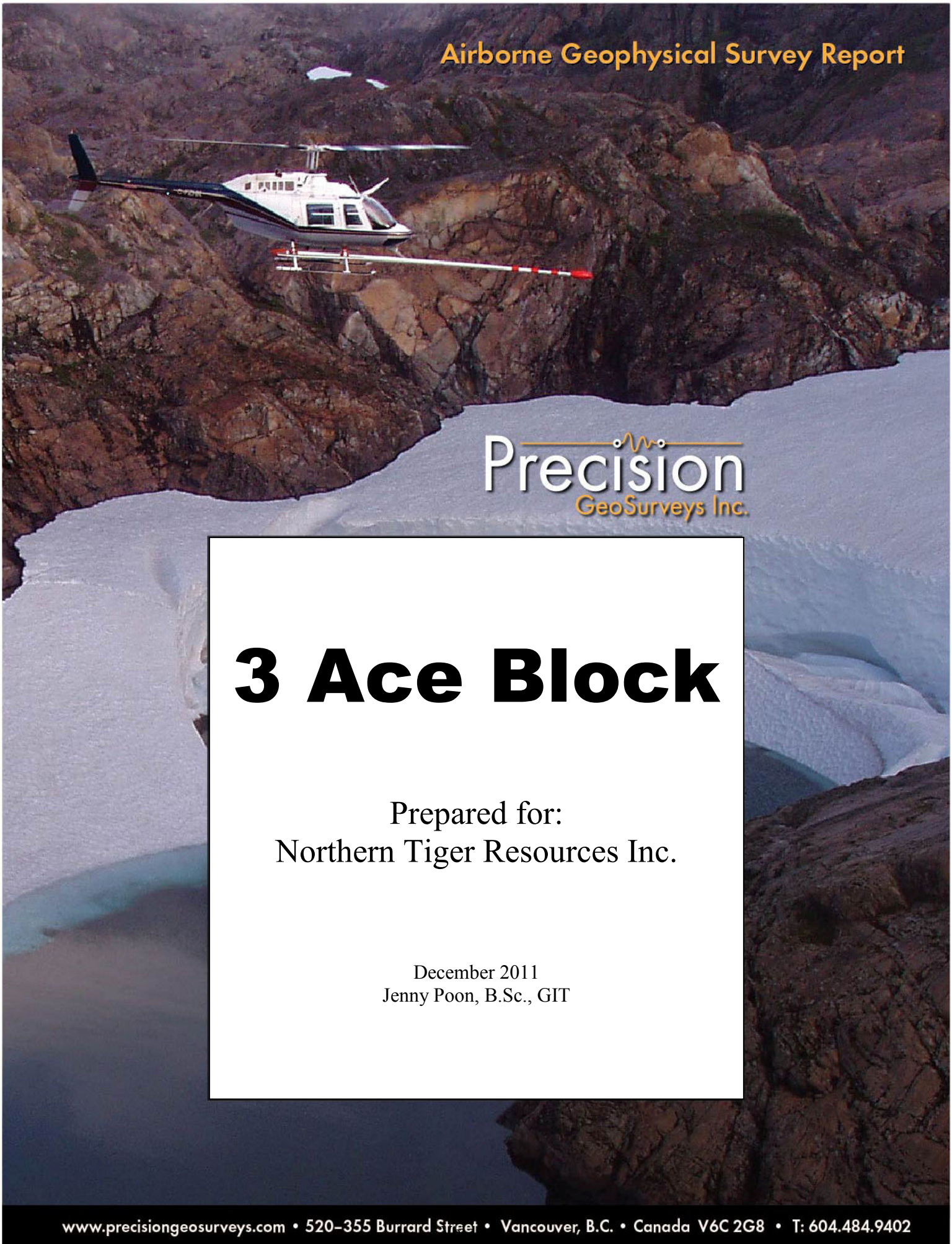
Prepared For:
Northern Tiger Resources
Suite 220, 17010-103 Ave. NW
Edmonton, AB
T5S 1K7

Prepared by:
Mr. Chris Buchanan M.Sc., P.Geo., Ms. Bonnie Pollries G.I.T.,
and Ms. Anna-Marie Durante G.I.T.
Northern Tiger Resources Inc.
March 31, 2012

Appendix G

Airborne Geophysical Survey Report: 3Ace Block

Precision GeoSurveys Inc.



3 Ace Block

Prepared for:
Northern Tiger Resources Inc.

December 2011
Jenny Poon, B.Sc., GIT

www.precisiongeosurveys.com • 520–355 Burrard Street • Vancouver, B.C. • Canada V6C 2G8 • T: 604.484.9402

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1.0 Introduction:

This report outlines the survey operations and data processing actions taken during the airborne geophysical survey flown at 3Ace block (Figure 1). The airborne geophysical survey was flown by Precision GeoSurveys Inc. for Northern Tiger Resources Inc. The geophysical survey, carried out between August 25, 2011 and September 05, 2011 and September 15, 2011, comprised the acquisition of high resolution magnetic and radiometric data.

Figure 1: 3Ace block area location relative to Watson Lake, YT.

The 3Ace block is located on the southeastern side of the Yukon Territory, approximately 160 kilometers north of Watson Lake, YT. The survey area of 3Ace block is approximately 16 km by 25 km (Figures 2 & 3). A total of 1,488 line kilometers of magnetic and radiometric data were flown for this survey; this total includes survey lines only. The survey lines were flown at 100 meter spacings at a 090°/270° heading (Figure 4). Tie lines at 1 km spacings at a heading of 000°/180° were not flown. This block is incomplete.

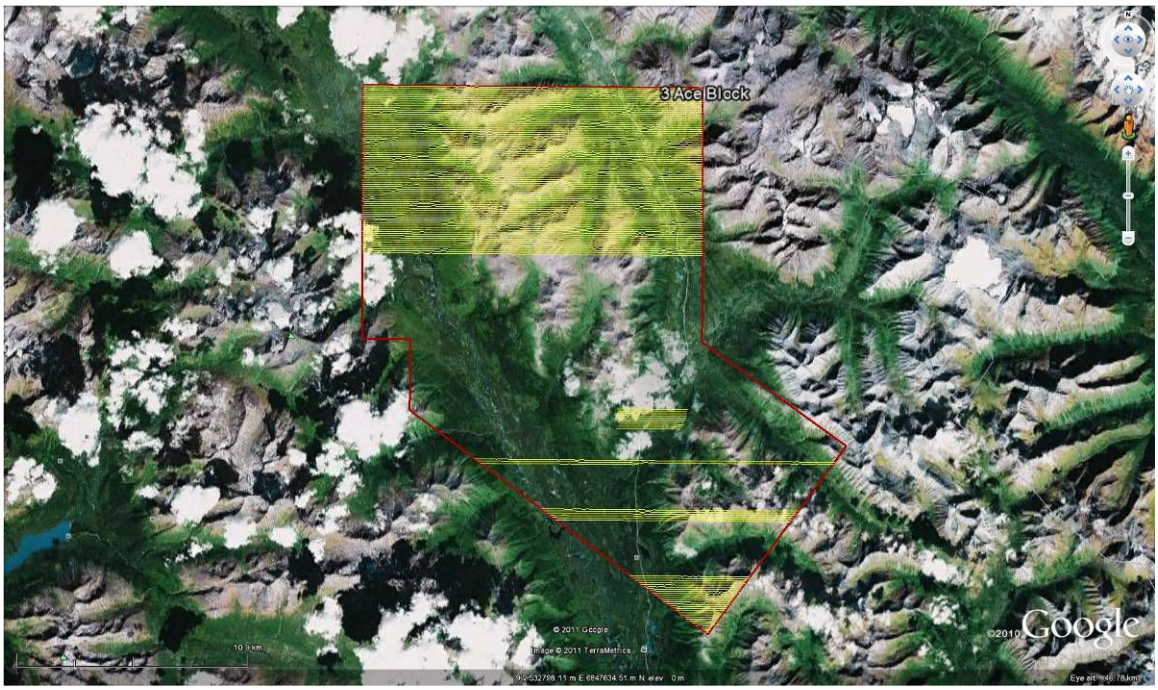


Figure 2: 3Ace block with survey outlined in yellow and the boundary in red in plan view.

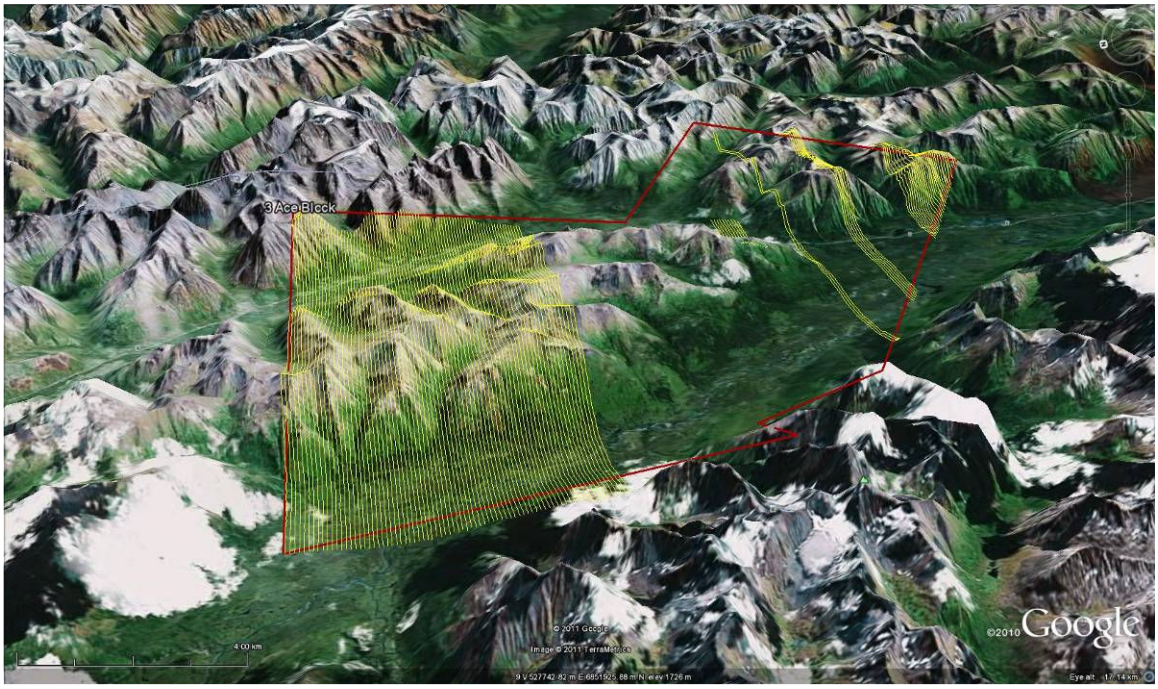


Figure 3: 3Ace block with survey outlined in yellow and the boundary in red in terrain view.

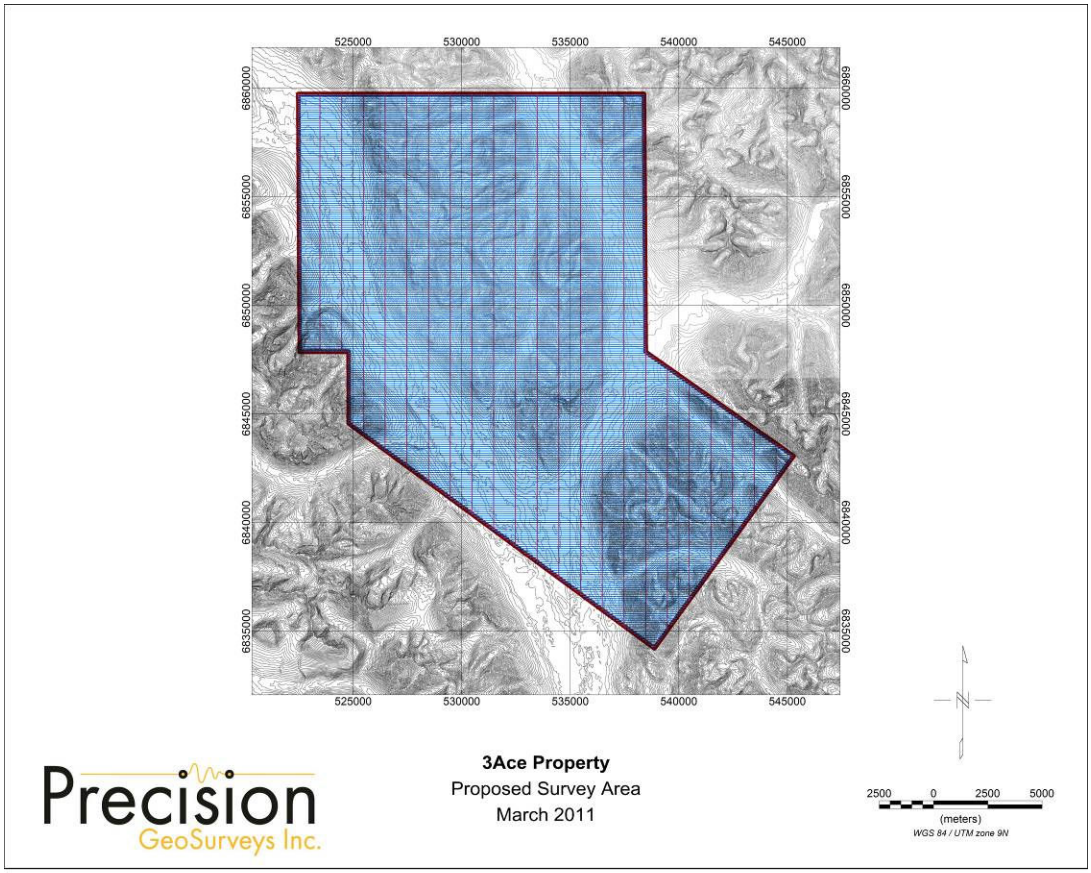


Figure 4: Proposed survey area of 3Ace block showing survey and tie lines and the boundary in red

1.1 Survey Specifications:

The geodetic system used for this survey is WGS 84 and the area is contained in zone 9N. The survey data acquisition specifications and coordinates for 3Ace block is specified as followed (Tables 1 & 2).

Survey Block	Line Spacing m	Survey Line km	Tie Line km	Total Line km	Survey Line Orientation	Nominal Survey Height m
3Ace	100	1,488	0	1,488	090 º -270º	35
Total				1,488		

Table 1: 3Ace block survey acquisition specifications.

Longitude	Latitude	Easting	Northing
128.5727051	61.86964033	522475.87	6859732.28
128.2700507	61.86839446	538396.99	6859735.37
128.2710430	61.76177721	538477.98	6847858.15
128.1432980	61.71799223	545284.69	6843063.19
128.2664385	61.63917554	538875.14	6834204.13
128.5305695	61.73330386	524801.62	6844560.04
128.5303069	61.76298118	524792.14	6847865.77
128.5729134	61.76312935	522542.86	6847866.81

Table 2: 3Ace block coordinates using WGS 84 in zone 9N.

2.0 Geophysical Data:

Geophysical data are collected in a variety of ways and are used to aid in the exploration and determination of geology, mineral deposits, oil and gas deposits, contaminated land sites and UXO detection.

For the purposes of this survey, airborne magnetic data were collected to serve in the exploration of 3Ace block which contains rocks that are prospective for gold mineralization.

2.1 Magnetic Data:

Magnetic surveying is probably the most common airborne survey type to be conducted for both mineral and hydrocarbon exploration. The type of survey specifications, instrumentation, and interpretation procedures, depend on the objectives of the survey. Typically magnetic surveys are performed for:

1. Geological Mapping to aid in mapping lithology, structure and alteration in both hard rock environments and for mapping basement lithology, structure and alteration in sedimentary basins or for regional tectonic studies.
2. Depth to Basement mapping for exploration in sedimentary basins or mineralization associated with the basement surface.

2.2 Radiometric Data:

Radiometric surveys detect and map natural radioactive emanations, called gamma rays, from rocks and soils. All detectable gamma radiation from earth materials come from the natural decay products of three primary elements; uranium, thorium, and potassium. The purpose of radiometric surveys is to determine either the absolute or relative amounts of U, Th, and K in surface rocks and soils.

3.0 Survey Operations:

Precision GeoSurveys flew the 3Ace block using a Bell 206 Long Ranger helicopter (Figure 5). The survey lines were flown at a nominal line spacing of one hundred (100) meters for both the spectrometer and magnetometer as they were acquired simultaneously. No tie lines were flown. The average survey elevation for the 3Ace block was 35 meters vertically above ground. The experience of the pilot helped to ensure that the data quality objectives were met and that the safety of the flight crew was never compromised given the potential risks involved in airborne surveying.

Figure 5: Bell 206 Long Ranger equipped with mag stinger for magnetic data acquisition

The base of operations for this survey was in Northern Tiger Camp, YT. The Precision crew consisted of 3 members:

Dean Scarrow - Pilot
Dan Kolasko - Operator
Jounada Oueity - On-site Geophysicist

The survey was started on August 25, 2011 and stopped on September 15, 2011. The survey encountered several delays due to poor weather conditions including heavy rain, low ceiling, and magnetic storms.

4.0 Equipment:

For this survey, a magnetometer, gamma ray spectrometer, base station, laser altimeter, pilot guidance unit, and a data acquisition system were required to carry out the survey and collect quality, high resolution data. The survey magnetometer is carried in an approved "stinger" configuration to enhance flight safety and improve data quality in this mountainous terrain.

4.1 AGIS:

The Airborne Geophysical Information System, AGIS, (Figure 6), is the main computer used in data recording, data synchronizing, displaying real-time QC data for the geophysical operator, and generation of navigation information for the pilot display system.

Figure 6: AGIS installed in the Bell 206 Long Ranger

The AGIS was manufactured by Pico Envirotec; therefore the system uses standardized Pico software and external sensors are connected to the system via RS-232 serial communication cables. The AGIS data format is easily converted into Geosoft or ASCII file formats by a supplied conversion program called PEIView. Additional Pico software allows for post real time magnetic compensation and survey quality control procedures.

4.2 Spectrometer:

The IRIS, or Integrated Radiometric Information System is a fully integrated, gamma radiation detection system containing 8.4 litres of NaI (T1) downward looking crystals (Figure 7). The IRIS is equipped with upward-shielding high density RayShield® gamma-attenuating material to minimize cosmic and solar gamma noise. Real time data acquisition, navigation and communication tasks are integrated into a single unit that is installed in the rear of the aircraft as indicated below. Information such as total count, counts of various radioelements (K, U, Th, etc.), temperature, cosmic radiation, barometric pressure, atmospheric humidity and survey altitude can all be monitored on the AGIS screen for immediate QC. All the radiometric data are recorded at 1 Hz.

Figure 7: IRIS strapped into the cargo box of the helicopter.

4.3 Magnetometer:

The magnetometer used by Precision GeoSurveys is a Scintrex cesium vapor CS-3 magnetometer. The system was housed in a front mounted "stinger" (Figure 8). The CS-3 is a high sensitivity/low noise magnetometer with automatic hemisphere switching and a wide voltage range, the static noise rating for the unit is +/- 0.01 nT. On the AGIS screen the operator can view the raw magnetic response, the magnetic fourth difference, aircraft position, and the survey altitude for immediate QC of the magnetic data. The magnetic data are recorded at 10 Hz. A magnetic compensator is also used to remove noise created

by the movement of the helicopter as it pitches, rolls and yaws within the Earth's geomagnetic field.

Figure 8: View of the mag stinger.

4.4 Base Station:

For monitoring and recording of the Earth's diurnal magnetic field variation, Precision GeoSurveys used the base station: GEM GSM-19T magnetometer. The base station is mounted as close to the survey block as possible to give accurate magnetic field data. The GEM GSM-19T magnetometer (Figure 9) uses the proton precession technology sampling at a rate of 0.5 Hz. The GSM-19T has an accuracy of +/- 0.2 nT at 1 Hz.

Figure 9: GEM GSM-19T proton precession magnetometer.

4.5 Laser Altimeter:

The pilot is provided with terrain guidance and clearance with an Acuity AccuRange AR3000 laser altimeter (Figure 10). This is attached at the aft end of the magnetometer boom. The AR3000 sensor is a time-of-flight sensor that measures distance by a rapidly-modulated and collimated laser beam that creates a dot on the target surface. The maximum range of the laser altimeter is 300 m off of natural surfaces with 90% reflectance and 3 km off special reflectors. Within the sensor unit, reflected signal light is collected by the lens and focused onto a photodiode. Through serial communications and analog outputs, the distance data are transmitted and collected by the AGIS at 10 Hz.

Figure 10: Acuity AccuRange AR3000 laser altimeter.

4.6 Pilot Guidance Unit:

The PGU (Pilot Guidance Unit) is a graphical display type unit that provides continuous steering and elevation information to the pilot (Figure 11). It is mounted remotely from the data system on top of the instrument panel. The PGU assists the pilot to keep the helicopter on the flight path and at the desired ground clearance.

Figure 11: Pilot Guidance Unit.

The LCD monitor measures 7 inches, with a full VGA 800 x 600 pixel display. The CPU for the PGU is housed in the PC-104 console and uses Windows XP Embedded operating system control, with input from the GPS antenna, laser altimeter, and AGIS.

5.0 Data Processing:

After all the data are collected after a survey flight several procedures are undertaken to ensure that the data meet a high standard of quality. All data were processed using Pico Envirotec software and Geosoft Oasis Montaj geophysical processing software.

5.1 Magnetic Processing:

During aeromagnetic surveying noise is introduced to the magnetic data by the aircraft itself. Movement in the aircraft (roll, pitch and yaw) and the permanent magnetization of the aircraft parts (engine and other ferric objects) are large contributing factors to this noise. To remove this noise a process called magnetic compensation is implemented. The magnetic compensation process starts with a test flight at the beginning of the survey where the aircraft flies in the four orthogonal headings required for the survey ($000^o/180^o$ and $090^o/270^o$ in the case of this survey) at an altitude where there is no ground effect in the magnetic data. In each heading, three specified roll, pitch, and yaw maneuvers are performed by the pilot; these maneuvers provide the data that are required to calculate the necessary parameters for compensating the magnetic data. A computer program called PEIComp is used to create a model for each survey to remove the noise induced by aircraft movement; this model is applied to each survey flight so the data can be further processed.

Followed by the compensation flight, a lag test is conducted. A lag correction of 1.9 seconds was applied to the total magnetic field data to compensate for the lag in the recording system as the magnetometer sensor flies 5.70 m ahead of the GPS antenna.

A magnetic base station is set up before every flight to ensure that diurnal activity is recorded during the survey flights. In this case, the base station was located in the bushes close to Northern Tiger camp. Base station readings were reviewed at regular intervals to ensure that no data were collected during periods with high diurnal activity (greater than 5 nT per minute). The base station was installed at a magnetically noise-free area, away from metallic items such as steel objects, vehicles, or power lines. The magnetic variations recorded from the stationary base station are removed from the magnetic data recorded in flight to ensure that the anomalies seen are real and not due to solar activity.

Filtering is applied to the laser altimeter data as to remove vegetation clutter and to show the actual ground clearance. To remove vegetation clutter a Rolling Statistic filter was applied to the laser altimeter data and a low pass filter was used to smooth out the laser altimeter profile to remove isolated noise. As a result, filtering the data will yield a more uniform surface in close conformance with the actual terrain.

Some filtering of the magnetic data is also required. A Non Linear filter was used for spike removal. The 1D Non-Linear Filter is ideal for removing very short wavelength, but

high amplitude features from data. It is often thought of as a noise spike-rejection filter, but it can also be effective for removing short wavelength geological features, such as signals from surficial features. The 1D Non-Linear Filter is used to locate and remove data that are recognized as noise. The algorithm is 'non- linear' because it looks at each data point and decides if that datum is noise or a valid signal. If the point is noise, it is simply removed and replaced by an estimate based on surrounding data points. Parts of the data that are not considered noise are not modified. The combination of a Non-Linear filter for noise removal and a low pass trend enhancement filter resulted in level data as indicated in the results section of this report. The low pass filters simply smoothes out the magnetic profile to remove isolated noise.

5.2 Radiometric Processing:

Calibrating the spectrometer system in the helicopter is the first and vital step before the airborne radiometric data can be processed. Once calibration of the system has been complete, the radiometric data are processed by windowing the full spectrum to create channels for U, K, Th and total count. A 5-point Hanning filter was applied to the Cosmic window before going any further with processing the radiometric data.

Aircraft background and cosmic stripping corrections were applied to all three elements, upward uranium channels, and total count using the following formula:

$$C_{ac} = C_{lt} - (a_c + b_c * \mathrm{Cos}_f)$$

where: C_{ac} is the background and cosmic corrected channel
C_{lt} is the live time corrected channel
a_c is the aircraft background for this channel
b_c is the cosmic stripping coefficient for this channel
Cos_f is the filtered cosmic channel

The radon backgrounds are first removed followed by Compton stripping. Spectral overlap corrections are applied on to potassium, uranium, and thorium as part of the Compton stripping process. This is done by using the striping ratios that have been calculated for the spectrometer by prior calibration, this breaks the corrected elemental values down into the apparent radioelement concentrations. Lastly, attenuation corrections are applied to the data which involves nominal survey altitude corrections, in this case 34 metres is applied to total count, potassium, uranium, and thorium data.

With all corrections applied to the radiometric data, the final step is to convert the corrected potassium, uranium, and thorium to apparent radioelement concentrations using the following formula:

$$eE = C_{cor} / s$$

where: eE is the element concentration K(%) and equivalent element concentration of U(ppm) & Th(ppm)
s is the experimentally determined sensitivity

Ccor is the fully corrected channel

Finally, the natural air absorption dose rate is determined using the following formula:

where: E is the absorption dose rate in nG/h
K is the concentration of potassium (%)

$$E = 13.08 * K + 5.43 * eU + 2.69 * eTh$$

eU is the equivalent concentration of uranium (ppm)
eTh is the equivalent concentration of thorium (ppm)

To calculate for radiometric ratios it follows the guidelines in the IAEA report. Due to statistical uncertainties in the individual radioelement measurements, some care was taken in the calculation of the ratio in order to obtain statistically significant values. Following IAEA guidelines, the method of determining ratios of the eU/eTh, eU/K and eTh/K was as follows:

1. Any data points where the potassium concentration was less than 0.25 were neglected.
2. The element with the lowest corrected count rate was determined.
3. The element concentrations of adjacent points on either side of each data point were summed until they exceeded a certain threshold value. This threshold was set to be equivalent to 100 counts of the element with the lowest count rate. Additional minimum thresholds of 1.6% for Potassium, 20 ppm for thorium, and 30 ppm for uranium were set up to insure meaningful ratios.
4. The ratios were calculated using the accumulated sums.

With this method, the errors associated with the calculated ratios will be similar for all data points.

5.3 Final Data Format

Abbreviations used in the GDB and XYZ files are listed in the following table:

Channel	Units	Description
X	m	UTM Easting - WGS84 Zone 9N
Y	m	UTM Northing - WGS84 Zone 9N
Galt	m	GPS height - WGS84 Zone 9N
Lalt	m	Laser Altimeter readings
DTM	m	Digital Terrain Model
GPStime	Hours:min:secs	GPStime
basemag	nT	Base station diurnal data
mag	nT	Total Magnetic Intensity
BaltSTP	m	Barometric Altitude (Pressure and Temp Corrected)
Press_kP	KiloPascal	Atmospheric Pressure
Press_mbars	millibar	Atmospheric Pressure
Temp_degC	Degrees C	Air Temperature
COSFILT	counts/sec	Spectrometer - Filtered Cosmic
TCcor	µR	Dose Rate Equivalent
Kcor	%	Equivalent Concentration - Potassium
Ucor	ppm	Equivalent Concentration - Uranium
THcor	ppm	Equivalent Concentration - Thorium
THKratio		Spectrometer - eTh/%K ratio
UKratio		Spectrometer - eU/%K ratio
UTHratio		Spectrometer - eU/eTh ratio
Date	yyyy/mm/dd	Local Flight Date

Table 3: 3Ace block survey channel abbreviations.

The file format will be provided in two (2) formats, the first will be a .GDB file for use in Geosoft Oasis Montaj, the second format will be a .XYZ file, this is text file. A complete file provided in each format will contain both magnetic and radiometric data.

Appendix A

Equipment Specifications

GEM GSM-19T Proton Precession Magnetometer (Base Station)

Configuration Options	15
Cycle Time	999 to 0.5 sec
Environmental	-40 to +60 ° Celsius
Gradient Tolerance	7,000 nT/m
Magnetic Readings	299,593
Operating Range	10, 000 to 120,000 nT
Power	12 V @ 0.62 A
Sensitivity	0.1 nT @ 1 sec
Weight (Console/ Sensor)	3.2 Kg
Integrated GPS	Yes

Scintrex CS-3 Survey Magnetometer

Operating Principal	Self-oscillation split-beam Cesium Vapor (non-radioactive Cs-133)
Operating Rage	15,000 to 105,000 nT
Gradient Tolerance	40,000 nT/metre
Operating Zones	10° to 85° and 95° to 170°
Hemisphere Switching	a) Automatic b) Electronic control actuated by the control voltage levels (TTL/CMOS) c) Manual
Sensitivity	0.0006 nT √Hz rms.
Noise Envelope	Typically 0.002 nT P-P, 0.1 to 1 Hz bandwidth
Heading Error	+/- 0.25 nT (inside the optical axis to the field direction angle range 15° to 75° and 105° to 165°)
Absolute Accuracy	<2.5 nT throughout range
Output	a) continuous signal at the Larmor frequency which is proportional to the magnetic field (proportionality constant 3.49857 Hz/nT) sine wave signal amplitude modulated on the power supply voltage b) square wave signal at the I/O connector, TTL/CMOS compatible
Information Bandwidth	Only limited by the magnetometer processor used
Sensor Head	Diameter: 63 mm (2.5”) Length: 160 mm (6.3”) Weight: 1.15 kg (2.6 lb)
Sensor Electronics	Diameter: 63 mm (2.5”) Length: 350 mm (13.8”) Weight: 1.5 kg (3.3 lb)
Cable, Sensor to Sensor Electronics	3m (9’ 8”), lengths up to 5m (16’ 4”) available
Operating Temperature	-40°C to +50°C
Humidity	Up to 100%, splash proof
Supply Power	24 to 35 Volts DC
Supply Current	Approx. 1.5A at start up, decreasing to 0.5A at +20°C
Power Up Time	Less than 15 minutes at -30°C

Pico Envirotec GRS-10 Gamma Spectrometer

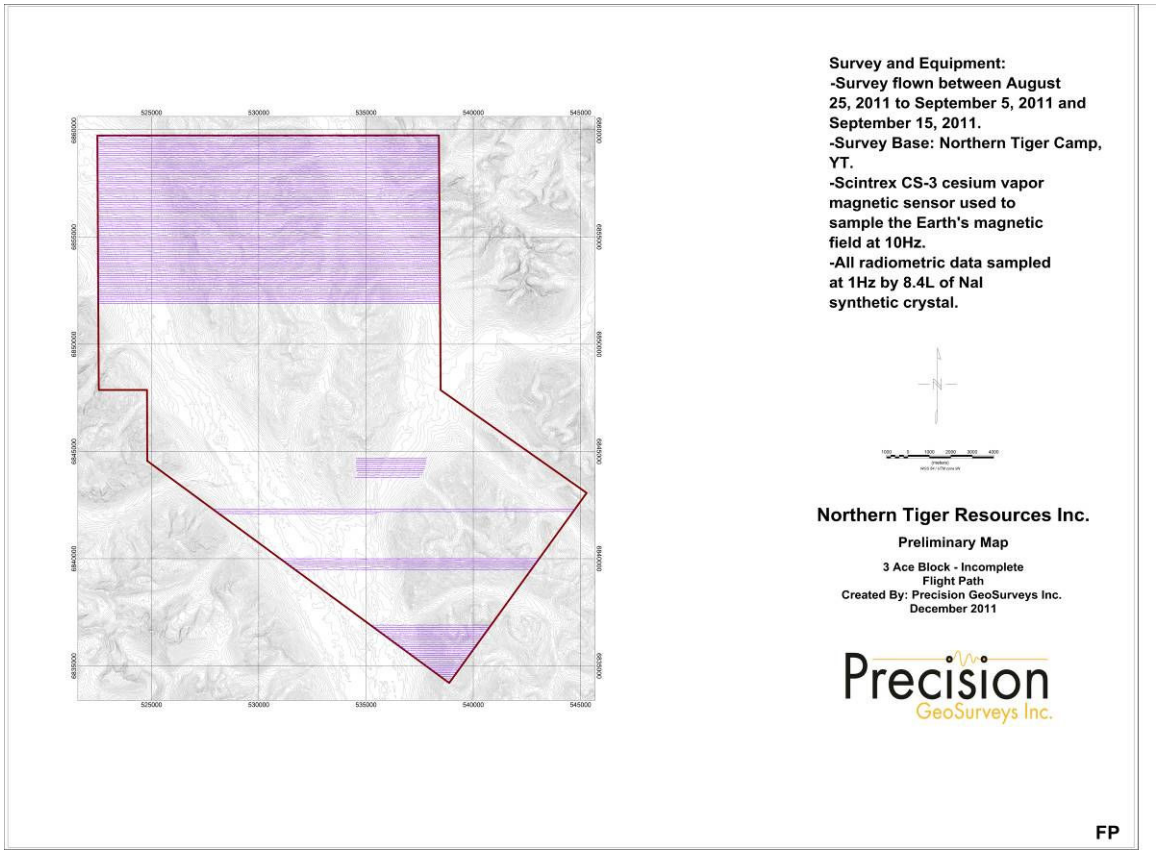
Crystal volume	2 x 4.2 litres (total 8.4 liters)
Resolution	256/512 channels
Tuning	Automatic using peak determination algorithm
Detector	Digital Peak
Calibration	Fully automated detector
Real Time	Linearization and gain stabilization
Communication	RS232
Detectors	Expandable to 10 detectors and digital peak
Count Rate	Up to 60,000 cps per detector
Count Capacity per channel	65545
Energy detection range:	36 KeV to 3 MeV
Cosmic channel	Above 3 MeV
Upward Shielding	RayShield® non-radioactive shielding on downward looking crystals
Downward Shielding	6mm lead plate on upward looking crystals
Spectra	Collected spectra of 256/512 channels, internal spectrum resolution 1024
Software	**Calibration:**High voltage adjustment, linearity correction coefficients calculation, and communication test support **Real Time Data Collection:** Automatic Gain real time control on natural isotopes, and PC based test and calibration software suite
Sensor	Each box containing two (2) gamma detection NaI(Tl) crystals – each 4.2 liters. (256 cu in.) (approx. 100 x 100 x 650 mm) Total volume of approx 8.4 litres or 512 cu in with detector electronics
Spectra Stabilization	Real time automatic corrections on radio nuclei: Th, U, K. No implanted sources.

Pico Envirotec AGIS data recorder system
(for Navigation, Gamma spectrometer, VLF-EM and Magnetometer Data Acquisition)

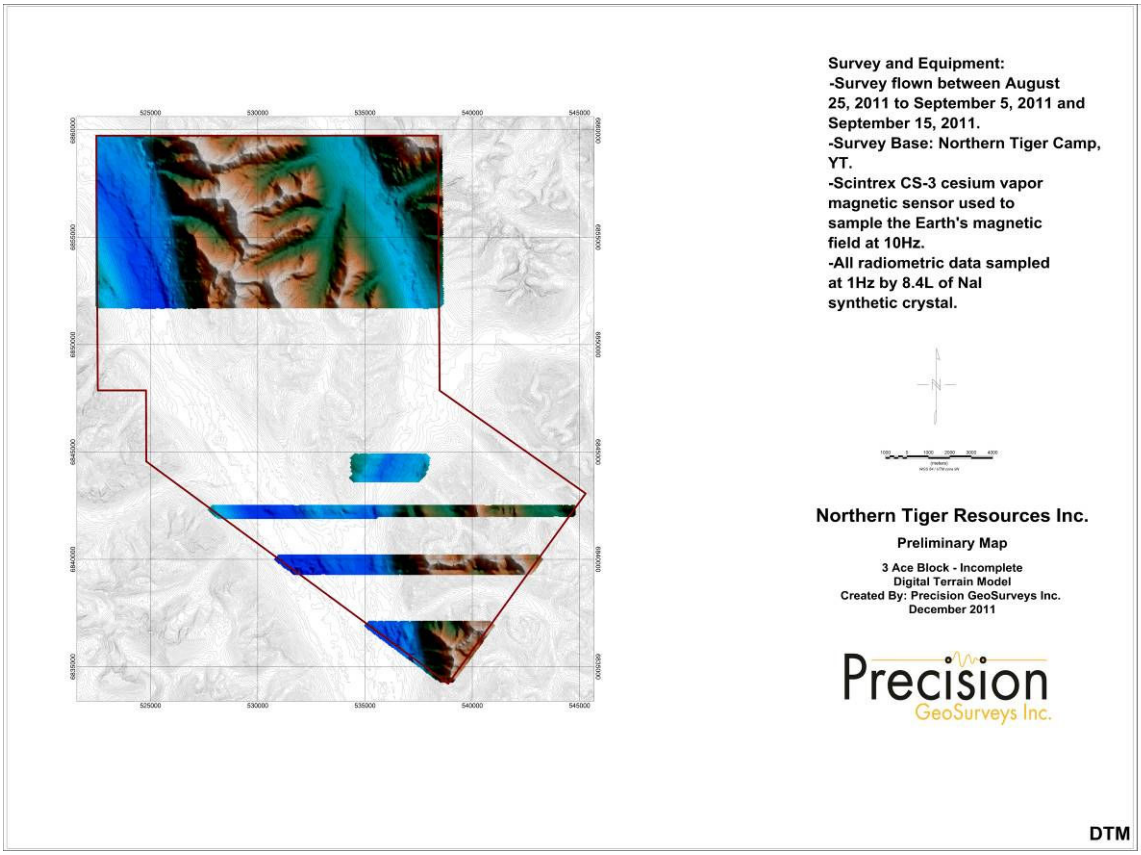
Functions	Airborne Geophysical Information System (AGIS) with integrated Global Positioning System Receiver (GPS) and all necessary navigation guidance software. Inputs for geophysical sensors - portable gamma ray spectrometer GRS-10, MMS4 Magnetometer, Totem 2A EM, A/D converter, temperature probe, humidity probe, barometric pressure probe, and laser altimeter. Output for the 2 line Pilot Indicator
Display	Touch screen with display of 800 x 600 pixels; customized keypad and operator keyboard. Multi-screen options for real-time viewing of all data inputs, fiducial points, flight line tracking, and GPS channels by operator.
GPS Navigation	Garmin 12-channel, WAAS-enabled
Data Sampling	Sensor dependent
Data Synchronization	Synchronized to GPS position
Data File	PEI Binary data format
Storage	80 GB
Supplied Software	**PEIView:** Allows fast data Quality Control (QC) **Data Format:** Geosoft GBN and ASCII output **PEIConv**: For survey preparation and survey plot after data acquisition
Software	**Calibration:** High voltage adjustment, linearity correction coefficients calculation, and communication test support **Real Time Data Collection:** Automatic Gain real time control on natural isotopes and PC based test and calibration software suite
Power Requirements	24 to 32 VDC
Temperature	Operating:-10 to +55 deg C; storage:-20 to +70 deg C

Appendix B

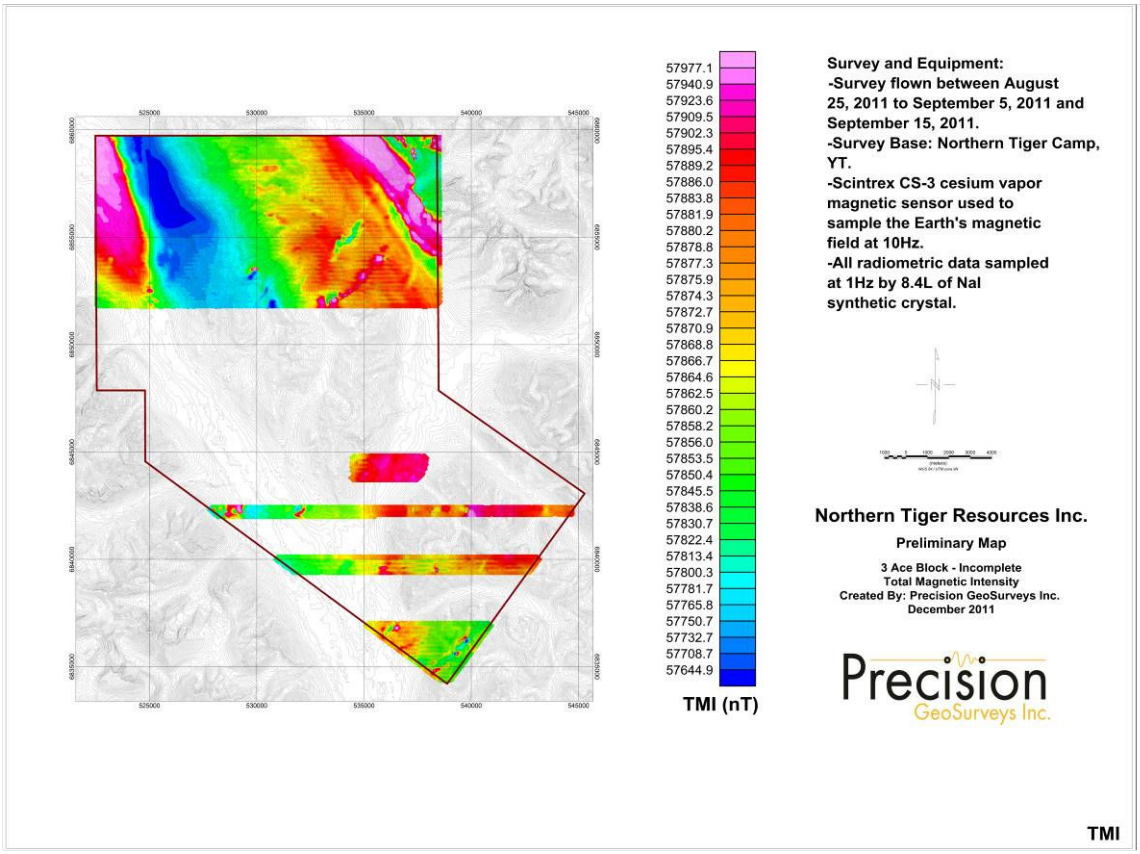
Maps



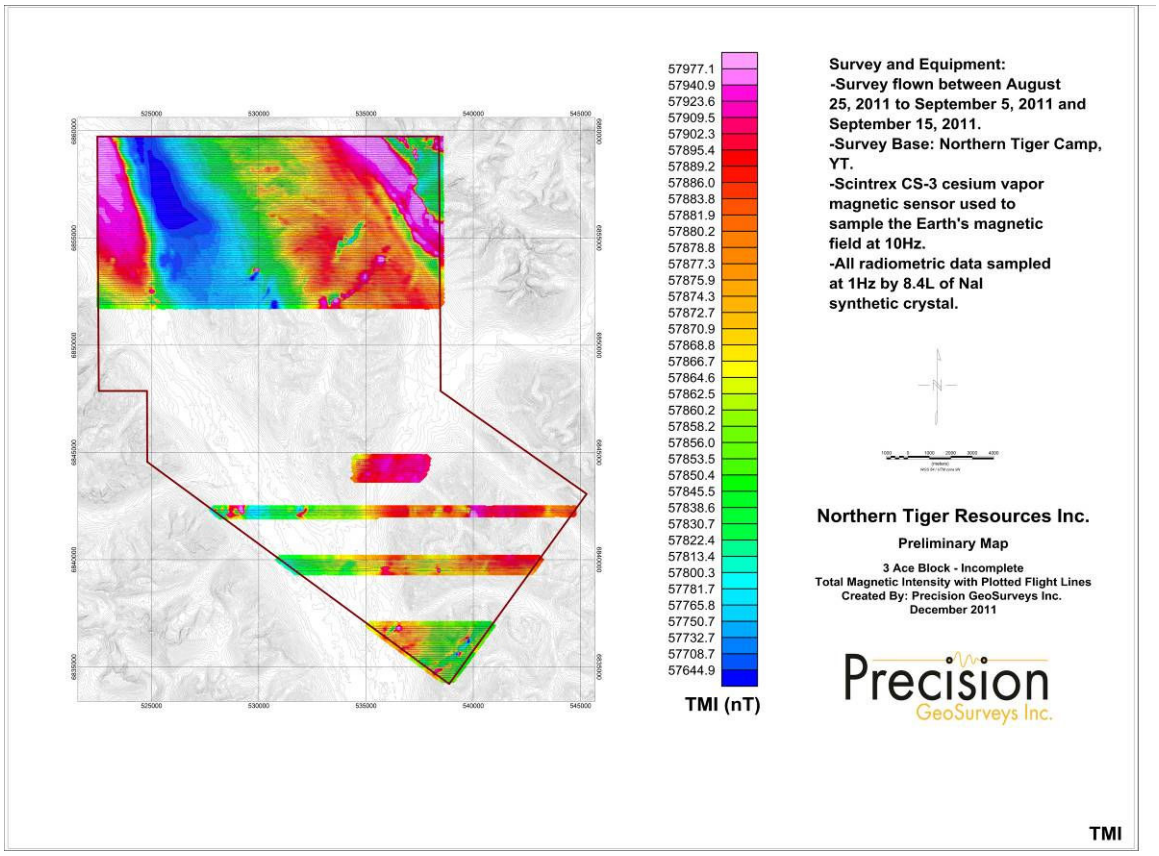
Map 1: 3Ace block flight path.



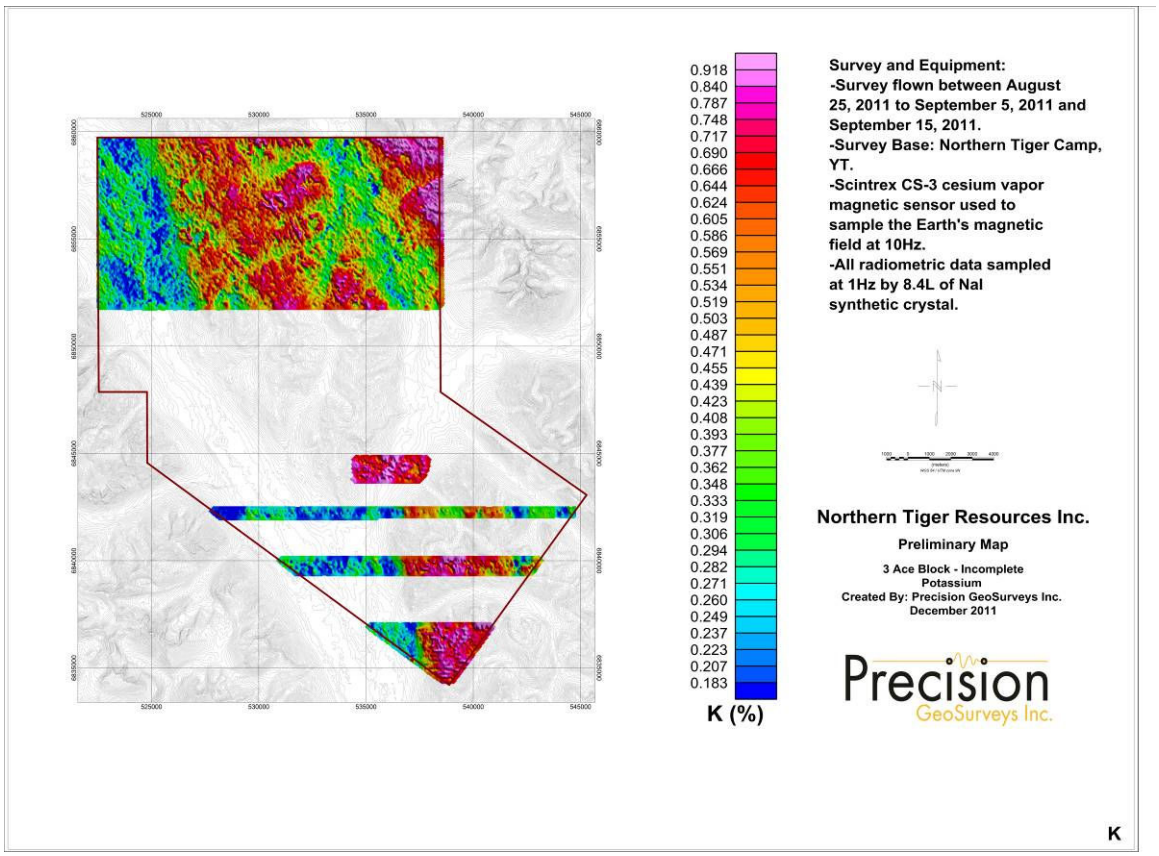
Map 2: 3Ace block digital terrain model.



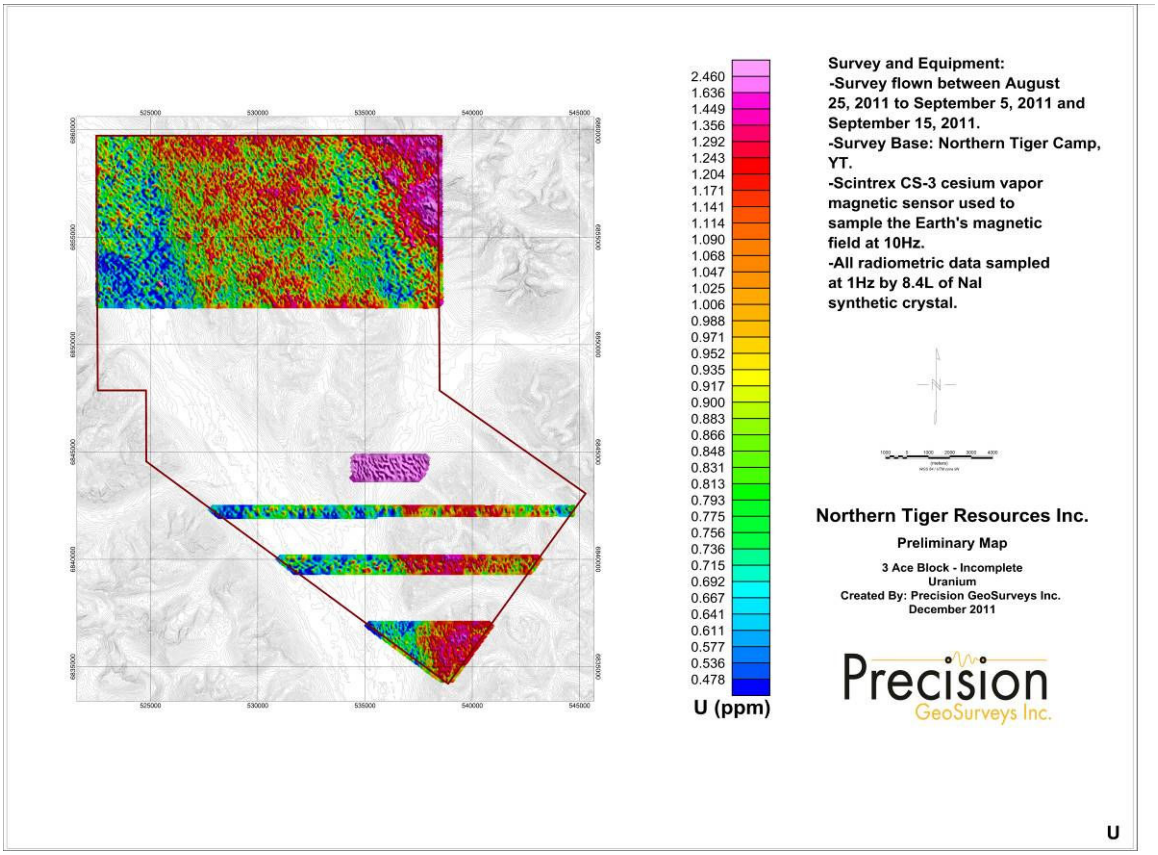
Map 3: 3Ace block total magnetic intensity.



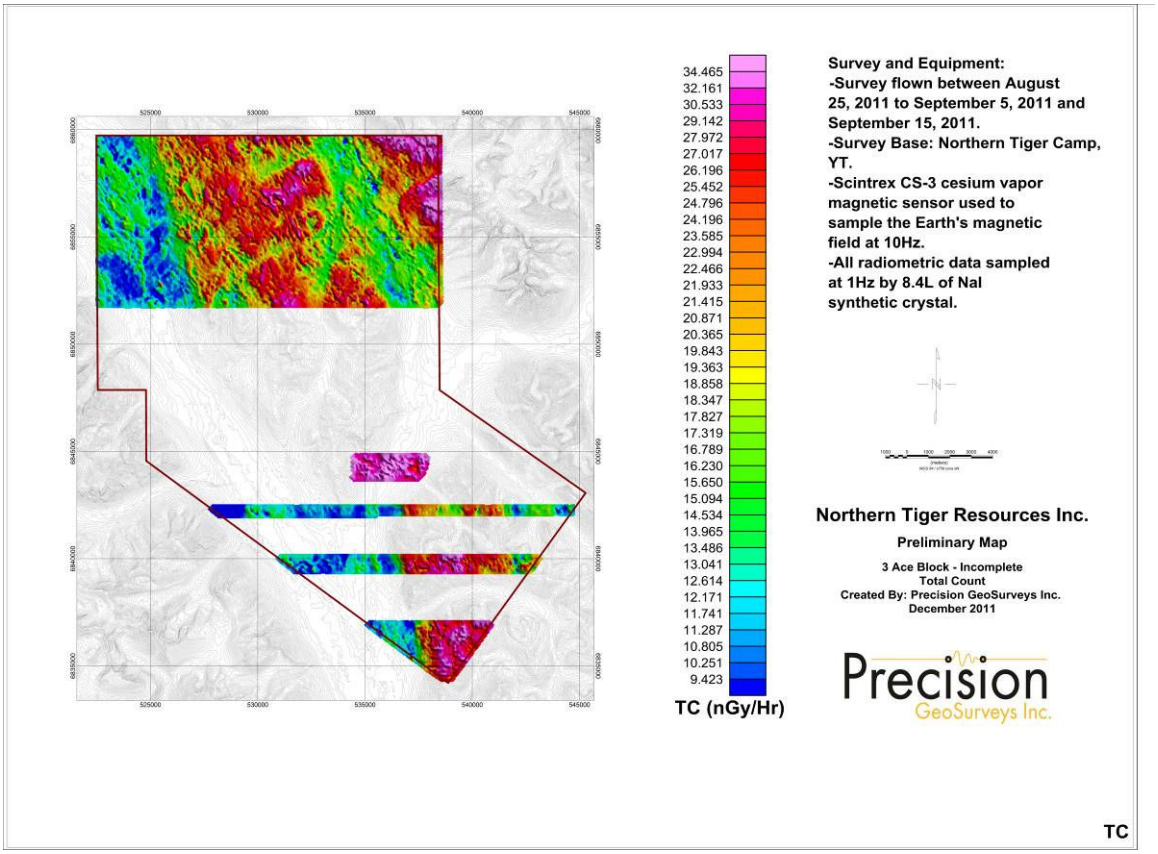
Map 4: 3Ace block total magnetic intensity with plotted flight lines.



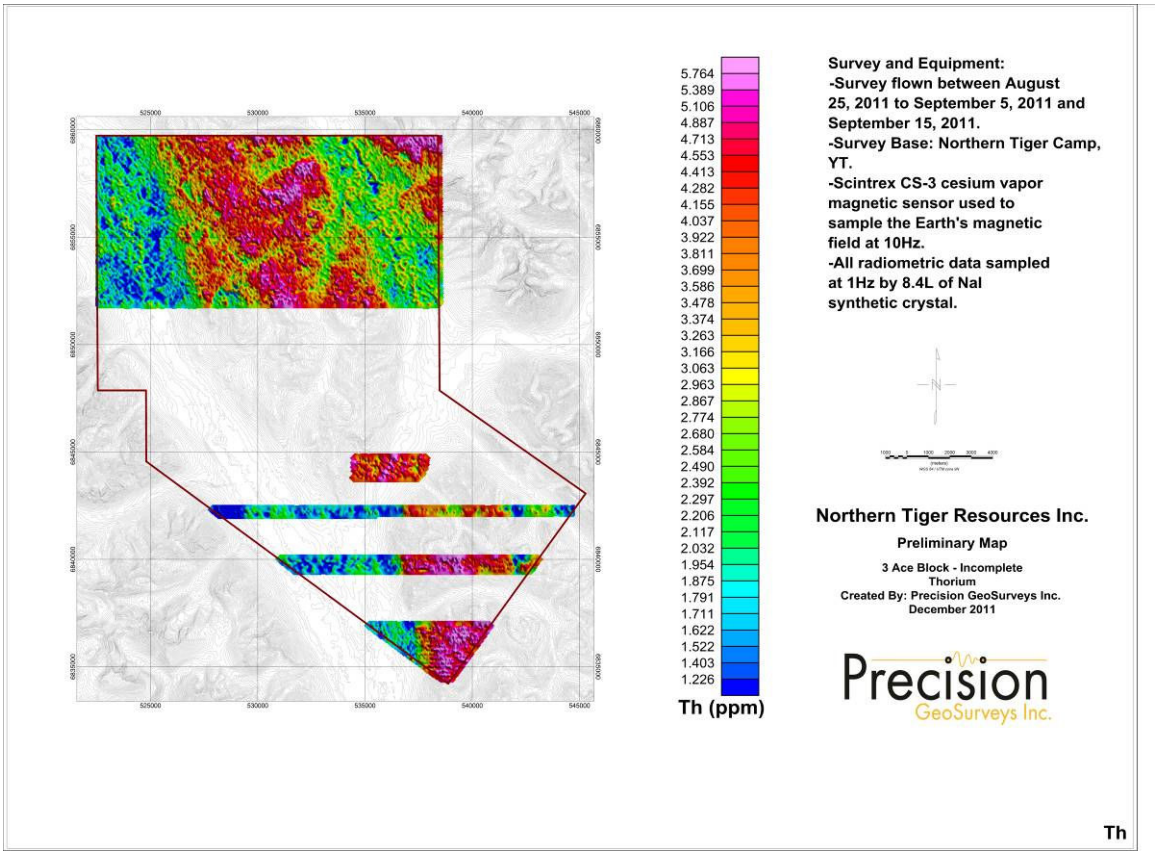
Map 5: 3Ace block potassium



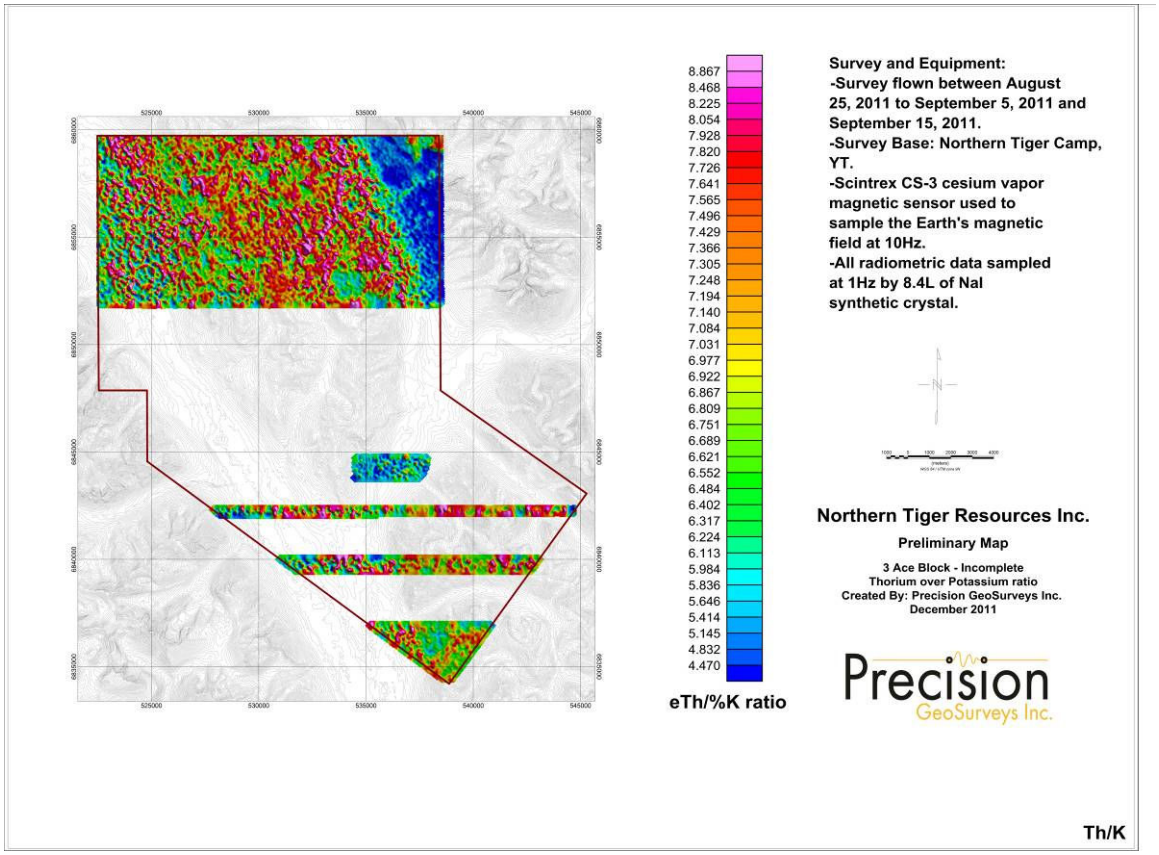
Map 6: 3Ace block uranium.



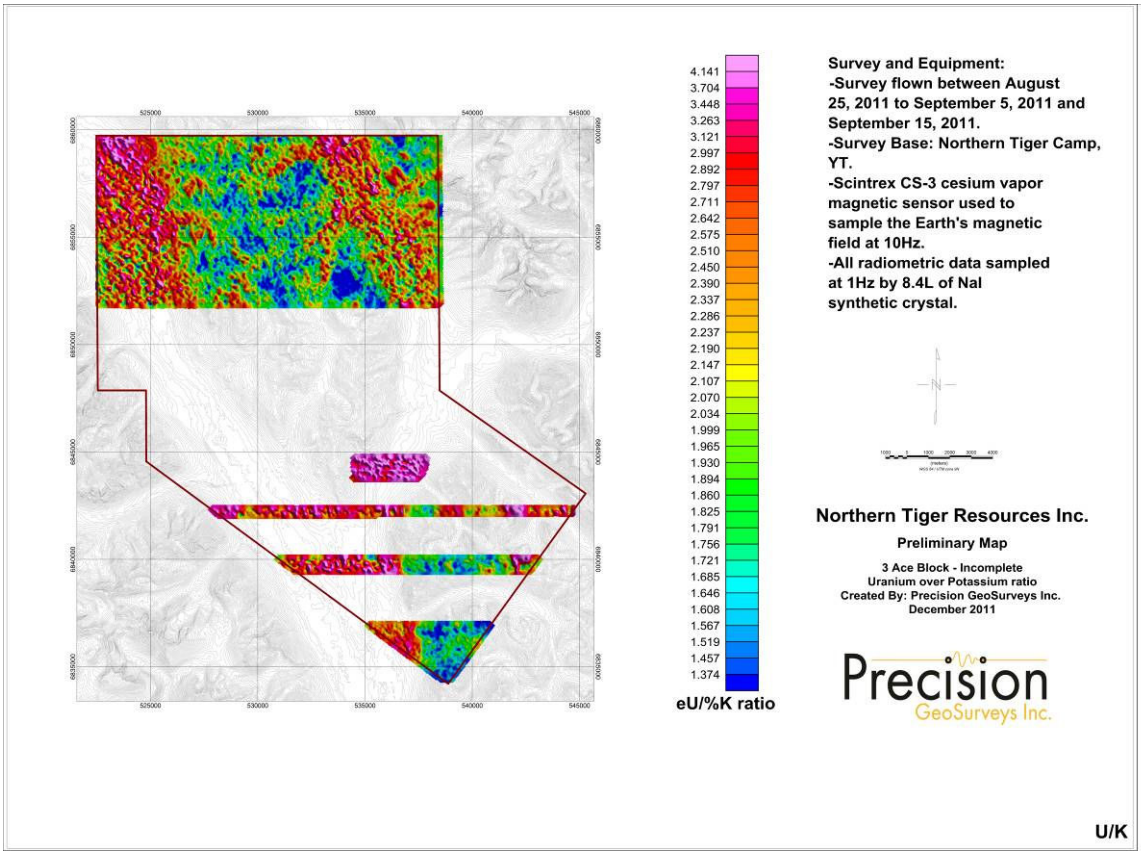
Map 7: 3Ace block total count.



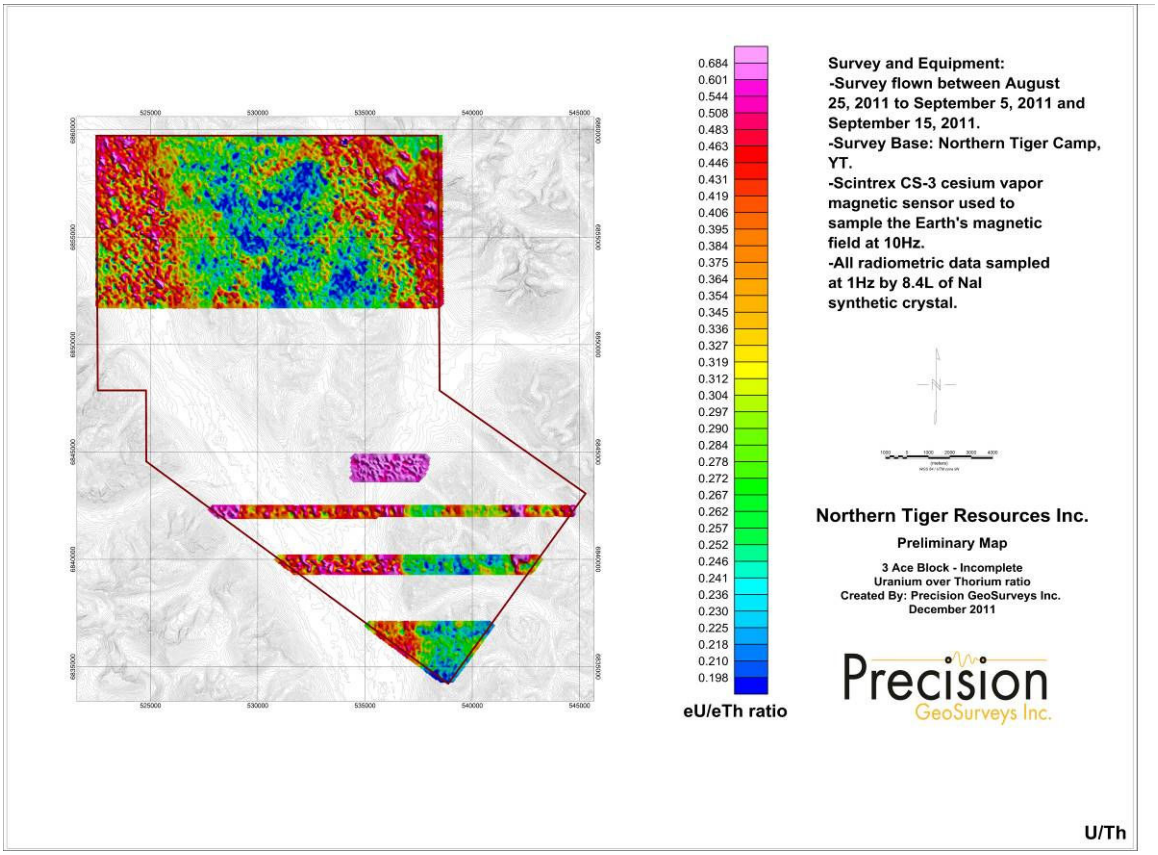
Map 8: 3Ace block thorium.



Map 9: 3Ace block thorium over potassium ratio.



Map 10: 3Ace block uranium over potassium ratio.



Map 11: 3Ace block uranium over thorium ratio.